



State of Utah

School and Institutional
TRUST LANDS ADMINISTRATION

Jon M. Huntsman, Jr
Governor
Kevin S. Carter
Director

675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2816
801-538-6100
801-365-0822 (Fax)
<http://www.trustlands.com>

July 19, 2005

CDX Rockies LLC
1801 Broadway, Suite 1060
Denver, CO 80202

Gentlemen:

RE: Approval of The Rock Spring Unit—ML 47562, ML 47563, ML 47564, ML 47565,
ML 47566, ML 47567, ML 47568, ML 47569, ML 47570, ML 47571, ML 47572,
and ML 47573 – Oil, Gas, and Hydrocarbon

This is to advise you that the Director on July 1, 2005, approved The Rock Spring Unit
with an effective approval date of July 1, 2005.

All of the above-numbered leases have been committed to the unit.

I trust this information will be sufficient for your needs.

Yours very truly,

EDWARD W. BONNER
MINERAL RESOURCES SPECIALIST

bp

Utah!

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OCT 04 2005

DIV. OF OIL, GAS & MINING

July 1, 2005

Page 8

APPROVAL OF THE ROCK SPRING UNIT (SCH)

Wind River II Corporation, operator of the Rock Spring Unit, has submitted this unit for approval by the State of Utah. The Rock Spring Unit is located in the PR Springs Block in Grand County. This unit contains 23,930.24 acres of which 23,850.24 acres or 99.6657 percent are trust lands, and 80.00 acres or 0.3343 percent are Federal lands. The Rock Spring Unit Agreement was executed by Kevin S. Carter, Director of the School and Institutional Trust Lands Administration (TLA), on June 1, 2005, with an effective approval date of July 1, 2005.

The records of the following leases should be noted to show the approval of this unit:

ML 47562	CDX Rockies LLC
ML 47563	CDX Rockies LLC
ML 47564	CDX Rockies LLC
ML 47565	CDX Rockies LLC
ML 47566	CDX Rockies LLC
ML 47567	CDX Rockies LLC
ML 47568	CDX Rockies LLC
ML 47569	CDX Rockies LLC
ML 47570	CDX Rockies LLC
ML 47571	CDX Rockies LLC
ML 47572	CDX Rockies LLC
ML 47573	CDX Rockies LLC

All of these leases have been committed to the unit and should be noted to show approval of the Rock Spring Unit by the State of Utah School Institutional Trust Lands Administration effective July 1, 2005.

This item is submitted by Mr. Bonner for record-keeping purposes only.

APPROVAL OF THE HUNTINGTON (SHALLOW) CBM UNIT PARTICIPATING AREAS

The Trust Lands Administration, authorized officer of the Huntington (Shallow) CBM Unit, Emery County, Utah, has approved the establishment of the 6th Revision to the Participating Area "BC" effective December 1, 2004, as submitted by XTO Energy, operator of the unit. The following are trust lands additions to the Participating Area. See attached map.

<u>Participating area and Leases Affected</u>	<u>Description</u>	<u>Effective Date</u>
6 th Revision to PA Area "BC":		
ML 47217 (Tract 6)	<u>T16S, R8E, SLB&M.</u> 159.75 acres Sec. 36: Lots 3, 4, N $\frac{1}{2}$ SW $\frac{1}{4}$	December 1, 2004
ML 48218 (Tract 16A)	<u>T17S, R8E, SLB&M.</u> 85.16 acres Sec. 22: Lot 5, N $\frac{1}{2}$ NE $\frac{1}{4}$	December 1, 2004
ML 48221 (Tract 17E)	<u>T17S, R8E, SLB&M.</u> 84.23 acres Sec. 22: Lot 6, S $\frac{1}{2}$ NE $\frac{1}{4}$	December 1, 2004

Upon recommendation of Ms. Garrison, the Director approved the above addition to the Participating Area as outlined.



WIND RIVER II CORPORATION

Claim Jumper Building
572 Park Avenue, 2nd Floor
P.O. Box 1540
Park City, Utah 84060
Telephone: (435)658-0195
Facsimile: (435)658-0194
Email: wrrc@mwutah.com

October 4, 2005

Diana Whitney, Petroleum Technician
Utah Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Transmittal of Application for Permit to Drill
✓ Three Pines 14-17-16-23 – sesw Sec. 17-T16S-R23E, Grand County
Kelly Canyon 5-8-16-22 – senw Sec. 8-T16S-R22E, Grand County

Dear Ms. Whitney:

Enclosed are two copies each of the APDs for the above-captioned wells. Both wells are located on School Trust Lands in the Rock Spring Unit, which is a state exploratory unit. These wells are earning wells under a farmout agreement between Wind River II Corporation and CDX Rockies, LLC. I have attached a copy of the SITLA letter to CDX approving the Rock Spring Unit, which approves Wind River II Corporation as operator of the unit.

I have not attached evidence of Division of Water Rights' approval of use of water, as we intend to purchase water from rancher Bert Delambert's private land. We have discussed this with Mr. Delambert, but he is very difficult to reach by phone and I have been unable to contact him to get the necessary information. I will make a trip to the field to contact him at his Main Canyon ranch. I will forward this information to you under separate cover as soon as I have it.

I am submitting these APDs together because the wells are virtually the same and I hope that reviewing them at the same time will reduce your workload. We have a rig under contract to drill these wells. It is rigging up on a nearby location for Cochrane Resources and will come to us as soon as it is finished in two to three weeks. If the permits are to be approved at different times, we would appreciate receiving the Three Pines well first. The rig will be moved to the Kelly Canyon well after Three Pines has been drilled.

As always, we appreciate your help. Please note that we have consolidated our Salt Lake City and Roosevelt offices in Park City and have new address and phone numbers. My cell is now 435-901-4217.

Sincerely,

Marc T. Eckels
Vice President

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OCT 04 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: ML 47572	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. UNIT or GA AGREEMENT NAME: Rock Spring Unit	
2. NAME OF OPERATOR: Wind River II Corporation			9. WELL NAME and NUMBER: Three Pines 14-17-16-23	
3. ADDRESS OF OPERATOR: P.O. Box 1540 CITY Park City STATE UT ZIP 84066			PHONE NUMBER: (435) 658-0195	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 780' fsl & 2,293' fwl Section 17-T16S-R23E AT PROPOSED PRODUCING ZONE: same			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: sesw 17 16S 23E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approx. 72 mi. straight line from Roosevelt			12. COUNTY: Grand	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 3,430	16. NUMBER OF ACRES IN LEASE: 520	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) n/a	19. PROPOSED DEPTH: 10,650	20. BOND DESCRIPTION: Collateral Bond(CD) w/ Zions Bank <i>CP</i>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): GR=7827'	22. APPROXIMATE DATE WORK WILL START: 10/26/2005	23. ESTIMATED DURATION: 30 days 2759005338		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	9-5/8" K-55 36#	3,200	Lead: Light Premium 590 sx 1.8 cu ft/sk 12.8#/gal Tail: Premium Plus V 250 sx 1.19 cu ft/sk 15.6#/gal
7-7/8'	5-1/2" P-110 17#	10,650	See Drilling Plan

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Marc T. Eckels TITLE Vice President
SIGNATURE *Marc T. Eckels* DATE 10/3/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31457

**Approved by the
Utah Division of
Oil, Gas and Mining**

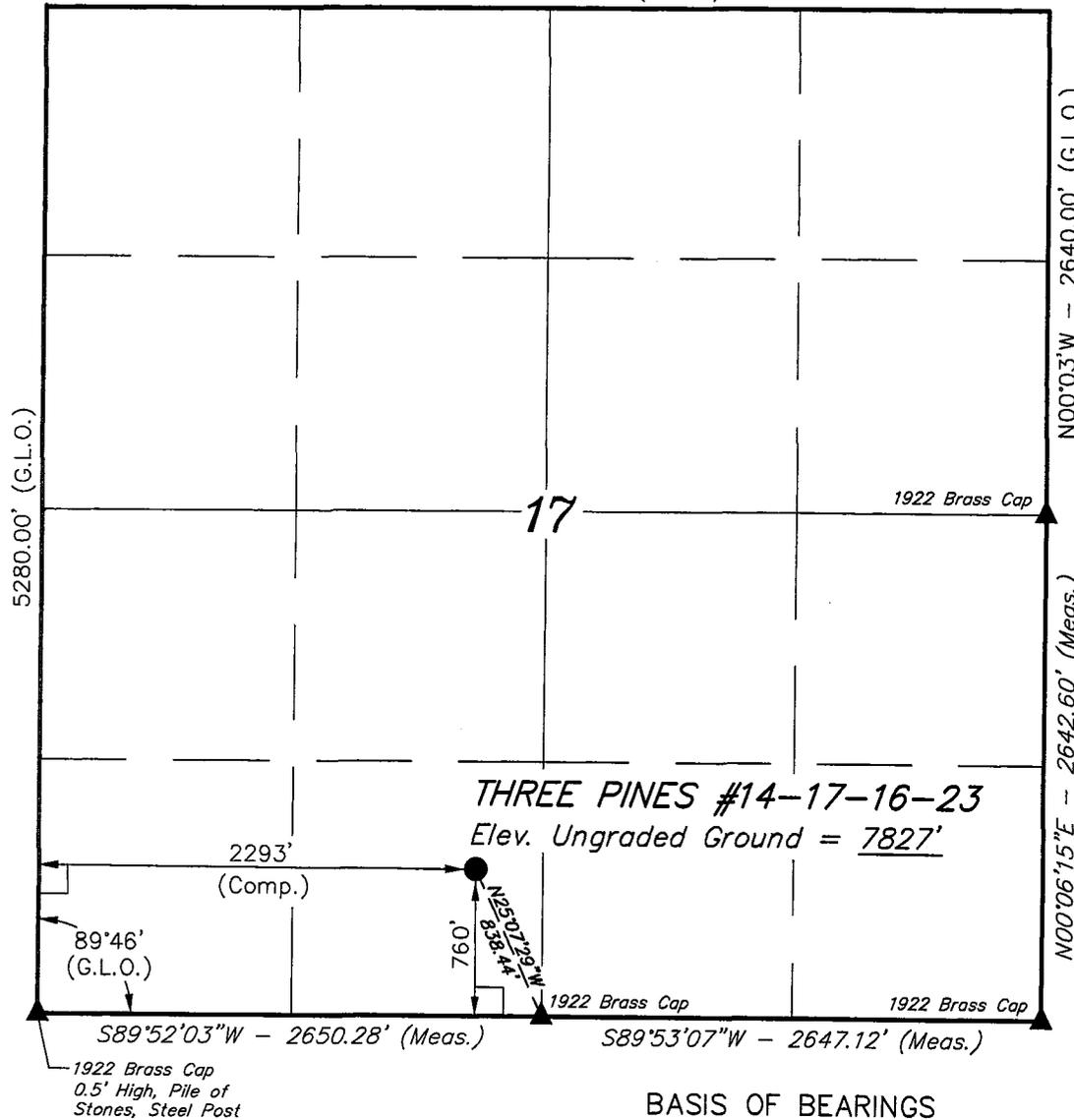
Date: 10-31-05
By: *[Signature]*

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OCT 04 2005**

DIV. OF OIL, GAS & MINING

T16S, R23E, S.L.B.&M.

S89°45'W - 5291.88' (G.L.O.)



THREE PINES #14-17-16-23
Elev. Ungraded Ground = 7827'

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

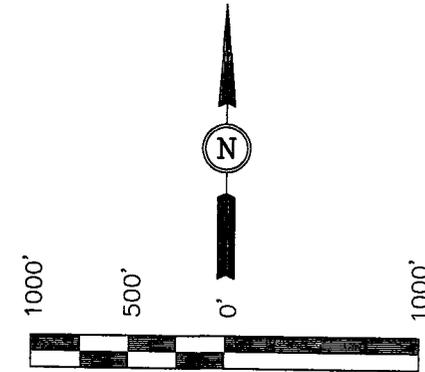
(AUTONOMOUS NAD 83)
 LATITUDE = 39°24'38.39" (39.410664)
 LONGITUDE = 109°24'18.46" (109.405128)
 (AUTONOMOUS NAD 27)
 LATITUDE = 39°24'38.50" (39.410694)
 LONGITUDE = 109°24'16.02" (109.404450)

WIND RIVER II CORPORATION

Well location, THREE PINES #14-17-16-23,
located as shown in the SE 1/4 SW 1/4 of
Section 17, T16S, R23E, S.L.B.&M. Grand County,
Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NE CORNER OF SECTION 17,
T16S, R23E, S.L.B.&M. TAKEN FROM THE CEDAR CAMP CANYON,
QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)
PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE
INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
BEING 7825 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 191819
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-10-05	DATE DRAWN: 08-18-05
PARTY J.F. B.C. P.M.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE WIND RIVER II CORPORATION	

**DRILLING PLAN
WIND RIVER II CORP.**

THREE PINES 14-17-16-23

1. Estimated Formation Tops (Depth from Surface):

Green River @ Surface

Wasatch = 1,675'

Mesaverde = 3,178'

Castlegate Sandstone = 5,124' - Gas

Mancos Shale = 5,381' - Gas

Dakota Silt = 8,849' - Gas

Dakota Sandstone = 8,928' - Gas

Cedar Mountain = 8,996' - Gas

Morrison = 9,143' - Gas

Entrada Sandstone = 9,598' - Gas

Carmel = 9,897'

Wingate = 10,218' - Gas

Chinle = 10,478'

Crystalline Basement = 10,650'

2. Wind River II's Minimum Specification for Pressure Control Equipment and Testing:

- A. 5,000 psi WP Double Gate Blowout Preventer with Annular Preventer (schematic diagram attached)
- B. BOPE will be pressure tested upon installation, whenever a seal subject to test pressure is broken or repairs are made; and at least once every 30 days. Chart recorders shall be used for all pressure tests.

Ram-type preventers and related pressure control equipment will be pressure tested to the rated working pressure of the stack assembly if a test plug is used. If a test plug is not used, the stack assembly will be tested to the rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing, whichever is less.

Annular-type preventers will be pressure tested to 50% of rated working pressure.

- C. All casing strings will be pressure tested to 0.22 psi/ft or 1,500 psi, whichever is greater, prior to drilling plug after cementing. Test pressure not to exceed 70% of the internal yield pressure for the casing.
- D. Wind River II will comply with all requirements for well control specified in the Utah DOG&M Oil & Gas Conservation General Rules. DOG&M representative will be notified 24 hours prior to all BOPE and casing pressure tests.

3. Auxiliary Equipment:

Kelly Cock – Yes

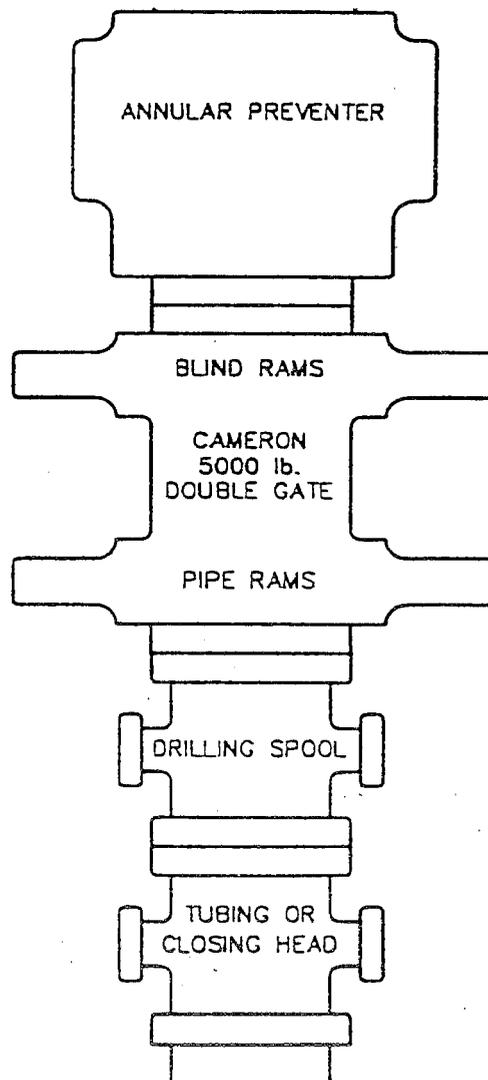
Float Sub at Bit – No

Mud Logger & Instrumentation– Yes

Full-opening Safety Valve on Rig Floor – Yes

Rotating Head – Yes

CLASS III BLOWOUT PREVENTER STACK



4. Casing Program*:

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.
Conductor	60'	20"	16"	Contractor	0.250" wall
Surface	3,200'	12-1/4"	9-5/8"	K-55	36.00# (new)
Production	0'-10,650'	7-7/8"	5-1/2"	P-110	17# (new)

*Subject to review on the basis of actual conditions encountered.
 Production casing depth will be adjusted based on results.

5. Cement Program*:

Conductor – 0-60'

Ready Mix to surface

Surface Casing – 0 – 3,200'

Lead: 590 sx HLight Premium w/ 1% CaCl & 0.25 lbm/sk Flocele,
 25% excess

Tail: 250 sx Premium +V (Class G) w/ 1% CaCl & 0.25lbm/sk
 Flocele, 75% excess

Will top with cement down 1" pipe with 50 sx Premium Top Out
 Cement.

Cement Characteristics:

Lead

Yield = 1.80 cu ft per sk

Slurry Weight = 12.8 ppg

Compressive Strength = 500 psi (24 hrs
 @ 80 degrees F)

Tail

Yield = 1.19 cu ft per sk

Slurry Weight = 15.6 ppg

Compressive Strength = 3,000 psi (24 hrs
 @ 80 degrees F)

Production Casing – 0' - 10,650'

Option 1 – Two Stage w/ Multiple Stage Cementer at 8,000':

Stage 1: 430 sx 50:50 Poz Premium AG w/ 3 lbm/sk Silicalite, 2%
Bentonite, 0.75% Halad R-322 (fluid loss), 3% KCl, 0.2% WG-17
(gelling agent) & 0.25 #/sk Flocele (LCM)

25% excess.

Cement Characteristics: Yield = 1.51 cu ft per sk
Slurry Weight = 13.4 ppg
Compressive Strength = 1,125 psi
(24 hrs @ 140 degrees F)
= 1,500 psi
(7 days @ 140 degrees F)

Stage 2 - Lead: 115 sx Hi-Fill

25% excess.

Cement Characteristics: Yield = 3.68 cu ft per sk
Slurry Weight = 11 ppg
Compressive Strength =

Stage 2 – Tail: 435 sx 50/50 Pz Premium AG w/ 3 lbm/sk Silicalite, 2%
Bentonite, 0.75% Halad R-322 (fluid loss), 3% KCl, 0.2% WG-17
(gelling agent) & 0.25 #/sk Flocele (LCM)

25% excess

Cement Characteristics: Yield = 1.51 cu ft per sk
Slurry Weight = 13.4 ppg
Compressive Strength = 1,125 psi
(24 hrs @ 140 degrees F)
= 1,500 psi
(7 days @ 140 degrees F)

Option 2 – Single Stage Foamed

Primary: 820 sx 50:50 Poz Premium AG w/ 5 lbm/sk Silicalite, 0.2%
Diacel LWL (fluid loss), 20% SSA-1 (cement material), 0.1%
Versaset (thixotropic), 1.5% Zonesealant 2000 (foamer) foamed
to 11 ppg

Tail: 90 sx 50:50 Poz Premium AG w/ 5 lbm/sk Silicalite, 0.2% Diacel
LWL, 20% SSA-1, 1.5% Zonesealant 2000, 0.1% Versaset,

foamed to 11 ppg w/ nitrogen

15% excess.

Cement Characteristics: Yield = 1.47 cu ft per sk
Slurry Weight (not foamed) = 14.3 ppg
Slurry Weight (foamed) = 11.0 ppg
Compressive Strength = 1,125 psi
(24 hrs @ 140 degrees F)
= 1,500 psi
(7 days @ 140 degrees F)

*Actual cement volumes will be based on caliper log calculations and drilling experience.

6. Testing, Logging, Coring:

- A. Drill Stem Tests – none anticipated
- B. Electric Logs – DIFL/SP/GR from TD to surface
SDL/CNL/CAL w/ DFIL from TD to 3,200'
- C. Coring – Possible sidewall coring in the Dakota,
Cedar Mountain, Morrison, Entrada & Wingate.

7. Drilling Fluids:

Well will be drilled with a low solids non-dispersed mud. In the event of severe lost circulation, the mud may be aerated.

8. Abnormal Pressures and Hazards:

No abnormal pressures or hydrogen sulfide are anticipated based on operator's drilling to the same formations at similar depths in the Flat Rock Field area, approximately 14 miles to the northwest. Anticipate mud weight of 9.2 ppg at TD.

SURFACE USE PLAN WIND RIVER II CORPORATION

THREE PINES 14-17-16-23

1. Existing Roads:

- A. Topographic Map "A" shows the vicinity of the well, including the intersection of the south portion of the Seep Ridge Road with the Divide Road. This road is reached from Ouray, Utah, on State Road 88 which becomes the Seep Ridge Road. The distance from Ouray to the Divide Road intersection is approximately 55 miles. A right turn (to the southwest) onto the Divide Road will lead to the lease road in 9.4 miles.

Topographic Map "B" shows the Three Pines Junction area where the Divide Road, Hay Canyon Road, Moon Ridge Road and Winter Ridge Road come together. The point where the lease road departs the existing road is 0.4 mile southwest of Three Pines and 64.4 miles from Ouray.

- B. The Divide and Winter Ridge roads in the Three Pines area suffered serious damage during heavy use in bad weather last winter. Wind River II, along with several other oil companies have committed to SITLA, on whose land much of the damaged road is located, to participate with SITLA and Grand County in upgrading the roads in this area.

2. Planned Access Road:

Refer to Topographic Map "B".

- A. Length of new road will be approximately 0.1 miles.
- B. The right-of-way width is 50' (25' on either side of the centerline) with a 20-foot wide running surface.
- C. Maximum grade will be less than 2%.
- D. No turn-outs are planned.

- E. The new road will be crowned, ditched and dipped to provide adequate drainage.
- F. No culverts or bridges are anticipated.
- G. Surface material will be shale native to the area or locally obtained limestone or tar sands.
- H. No gates or cattleguards will be needed. Nor will any existing facilities be modified.
- I. The proposed road was flagged when the location was staked.
- J. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.

3. Location of Existing Wells:

The nearest well is the State 21-10 at Horse Point, approximately 2.6 miles to the northeast.

4. Location of Existing and/or proposed Facilities:

There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout").

The choice of a pipeline to gather the gas is dependent on pipeline projects being undertaken by Pioneer Natural Resources and Canyon Gas. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.

5. Location and Type of Water Supply:

- A. Water for drilling will be purchased from Bert Delambert
- B. Water will be transported by truck on the Winter Ridge, Divide and other existing roads.
- C. No water well will be drilled.

6. Source of Construction Materials:

- A. It is not anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the planned SITLA limestone pit or the PR Springs tar sand pit and trucked to the location.
- B. The entire well site and all access roads to be upgraded or built are located on lands of the Utah School and Institutional Trust Administration.
- C. All construction materials used in building the well pad and access road will be native material accumulated during construction. In the event that additional materials are needed, they will be obtained from SITLA land or from private sources.

7. Methods for Handling Waste Disposal

- A. Drill cuttings will be buried in the reserve pit.

Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.

Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill.

Salt and chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.

- B. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.
- C. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks.

The pit will be fenced on three sides with 39" net wire, topped with a minimum of one stand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.

8. Ancillary Facilities:

No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineer, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed at the Three Canyons Ranch at the bottom of Hay Canyon or in trailers on the drilling location.

9. Well Site Layout:
 - A. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography
 - B. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
 - C. Refer to "Location Layout" diagram for rig orientation, access road and parking area.

10. Plans for Restoration of the Surface:
 - A. Producing well location
 - i. Immediately upon well completion the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
 - ii. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
 - iii. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc, removed. The liner will be perforated and torn prior to backfilling.
 - iv. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
 - v. All disturbed areas not needed for operations will be seeded with the mixture required by SITLA.

B. Dry Hole/Abandoned Location

At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the Utah DOG&M. The operator will then consult with DOG&M and SITLA to obtain plugging orders.

11. Surface Ownership:

Access roads and location are owned by SITLA and are within the approved Rock Spring Unit..

12. Additional Information:

A. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the SITLA archaeologist of the discovery.

- Whether the materials appear to be eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.

C. Less than 10,000 pounds of any chemical(s) on EPA's Consolidated List of Chemicals Subject to Reporting Under Title III of the Superfund

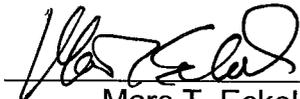
Amendments and Reauthorization Act (SARA) of 1986, and less than threshold planning quantity (TPQ) of any extremely hazardous substance(s), as defined in 40 CFR, would be used, produced, transported, stored, disposed of, or associated with the proposed operation.

13. Lessee's or Operator's Representative:

Marc T. Eckels, Vice President
Wind River II Corporation
572 Park Avenue, 2nd Floor
P. O. Box 1540
Park City, UT 84098
Office – 435-658-0195
Fax - 435-658-0194
Cell – 435-901-4217
Home – 435-649-9295

I have inspected the proposed drill site and access road; am familiar with the conditions which currently exist; the statements made in this plan are true and correct to the best of my knowledge; and the work associated with the operations proposed here will be performed by Wind River II Corporation and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

October 3, 2005
Date



Marc T. Eckels
Vice President

HALLIBURTON

**Wind River Resources Corp
Route 3 Box 3010
Roosevelt, Utah 84066**

Three Pines 14-17-16-23
Ouray South Field
Uintah County, Utah
United States of America

Cement Recommendation

Prepared for:
September 22, 2005
Version: 1

Submitted by:
Rob Kruger
Halliburton Energy Services
Vernal Ut Us
1085 E Main
Vernal, Utah 84078
+435.789.2550

HALLIBURTON

*Halliburton appreciates the opportunity to present
this proposal and looks forward to being of service to you.*

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____

John Jorgensen
Procedure Analyst

Submitted by: _____

Rob Kruger
Account Leader

SERVICE CENTER: Vernal Utah
SERVICE COORDINATOR: Willis Lefevre
OPER. ENGINEER: Rick Curtice
PHONE NUMBER: (800)874-2550

Job Information**9 5/8" Surface**

Three Pines	14-17-16-23
12 1/4" Open Hole	0 - 2700 ft (MD)
	0 - 2700 ft (TVD)
Inner Diameter	12.250 in
Job Excess	25 %
12 1/4" Open Hole	2700 - 3200 ft (MD)
	2700 - 3200 ft (TVD)
Inner Diameter	12.250 in
Job Excess	75 %
9 5/8" Surface	0 - 3200 ft (MD)
	0 - 3200 ft (TVD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft

Calculations**9 5/8" Surface**

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Cement : (2700.00 ft fill)

$$\begin{aligned} 2700.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 25 \% &= 1057.01 \text{ ft}^3 \\ \text{Total Lead Cement} &= 1057.01 \text{ ft}^3 \\ &= 188.26 \text{ bbl} \\ \text{Sacks of Cement} &= 589 \text{ sks} \end{aligned}$$

Cement : (500.00 ft fill)

$$\begin{aligned} 500.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 75 \% &= 274.04 \text{ ft}^3 \\ \text{Tail Cement} &= 274.04 \text{ ft}^3 \\ &= 48.81 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (40.00 ft fill)

$$40.00 \text{ ft} * 0.4341 \text{ ft}^3/\text{ft} = 17.36 \text{ ft}^3$$

$$\begin{aligned} \text{Tail plus shoe joint} &= 3.09 \text{ bbl} \\ &= 291.40 \text{ ft}^3 \\ \text{Total Tail} &= 51.90 \text{ bbl} \\ &= 245 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 3200.00 \text{ ft} * 0.4341 \text{ ft}^3/\text{ft} &= 1389.01 \text{ ft}^3 \\ &= 247.39 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 247.39 \text{ bbl} - 3.09 \text{ bbl} \\ &= 244.30 \text{ bbl} \end{aligned}$$

Job Recommendation

9 5/8" Surface

Fluid Instructions

Fluid 1: Water Based Spacer

Gel Water Ahead

Fluid Density: 8.40 lbm/gal
Fluid Volume: 20 bbl

Fluid 2: Lead Cement

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 12.80 lbm/gal
Slurry Yield: 1.80 ft³/sk
Total Mixing Fluid: 9.60 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 2700 ft
Volume: 188.26 bbl
Calculated Sacks: 588.53 sks
Proposed Sacks: 590 sks

Fluid 3: Tail Cement

Premium Plus V Cement

94 lbm/sk Premium Plus V Cement (Cement-api)
1 % Calcium Chloride (Accelerator)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 15.60 lbm/gal
Slurry Yield: 1.19 ft³/sk
Total Mixing Fluid: 5.23 Gal/sk
Top of Fluid: 2700 ft
Calculated Fill: 500 ft
Volume: 51.90 bbl
Calculated Sacks: 245.08 sks
Proposed Sacks: 250 sks

Fluid 4: Water Spacer
Displacement

Fluid Density: 8.33 lbm/gal
Fluid Volume: 244.30 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water Ahead	8.4	3.0	20 bbl
2	Cement	HLC	12.8	3.0	590 sks
3	Cement	Premium Plus V	15.6	3.0	250 sks
4	Spacer	Displacement	8.3	3.0	244.30 bbl

Job Information**5 1/2" Two Stage Production**

Three Pines	14-17-16-23
9 5/8" Surface	0 - 3200 ft (MD) 0 - 3200 ft (TVD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
7 7/8" Open Hole	3200 - 10650 ft (MD) 3200 - 10650 ft (TVD)
Inner Diameter	7.875 in
Job Excess	25 %
5 1/2" Production	0 - 10650 ft (MD) 0 - 10650 ft (TVD)
Outer Diameter	5.500 in
Inner Diameter	4.950 in
Linear Weight	15.50 lbm/ft
Multiple Stage Cementer	8000 ft (MD)
7 7/8" Open Hole	3200 - 8000 ft (MD) 3200 - 8000 ft (TVD)
Inner Diameter	7.875 in
Job Excess	25 %
5 1/2" Production	0 - 8000 ft (MD) 0 - 8000 ft (TVD)
Outer Diameter	5.500 in
Inner Diameter	4.950 in
Linear Weight	15.50 lbm/ft

Calculations

5 1/2" Two Stage Production

Stage 1

Spacer:

$$259.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 25 \% = 56.09 \text{ ft}^3$$

$$\text{Total Spacer} = 56.15 \text{ ft}^3$$

$$= 10.00 \text{ bbl}$$

Spacer:

$$519.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 25 \% = 112.40 \text{ ft}^3$$

$$\text{Total Spacer} = 112.29 \text{ ft}^3$$

$$= 20.00 \text{ bbl}$$

Spacer:

$$259.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 25 \% = 56.09 \text{ ft}^3$$

$$\text{Total Spacer} = 56.15 \text{ ft}^3$$

$$= 10.00 \text{ bbl}$$

Cement : (2950.00 ft fill)

$$300.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 25 \% = 64.97 \text{ ft}^3$$

$$2650.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 25 \% = 573.91 \text{ ft}^3$$

$$\text{Tail Cement} = 638.88 \text{ ft}^3$$

$$= 113.79 \text{ bbl}$$

Shoe Joint Volume: (40.00 ft fill)

$$40.00 \text{ ft} * 0.1336 \text{ ft}^3/\text{ft} = 5.35 \text{ ft}^3$$

$$= 0.95 \text{ bbl}$$

$$\text{Tail plus shoe joint} = 644.22 \text{ ft}^3$$

$$= 114.74 \text{ bbl}$$

$$\text{Total Tail} = 427 \text{ sks}$$

Total Pipe Capacity:

$$8000.00 \text{ ft} * 0.1336 \text{ ft}^3/\text{ft} = 1069.12 \text{ ft}^3$$

$$2650.00 \text{ ft} * 0.1336 \text{ ft}^3/\text{ft} = 354.15 \text{ ft}^3$$

$$= 253.49 \text{ bbl}$$

Displacement Volume to Shoe Joint:
Capacity of Pipe - Shoe Joint

$$= 253.49 \text{ bbl} - 0.95 \text{ bbl}$$

$$= 252.54 \text{ bbl}$$

Stage 2

Spacer:

$$209.00 \text{ ft} * 0.2691 \text{ ft}^3/\text{ft} * 0 \% = 56.24 \text{ ft}^3$$

$$\text{Total Spacer} = 56.15 \text{ ft}^3$$

$$= 10.00 \text{ bbl}$$

Spacer:

$$417.00 \text{ ft} * 0.2691 \text{ ft}^3/\text{ft} * 0 \% = 112.20 \text{ ft}^3$$

$$\text{Total Spacer} = 112.29 \text{ ft}^3$$

$$= 20.00 \text{ bbl}$$

Spacer:

$$209.00 \text{ ft} * 0.2691 \text{ ft}^3/\text{ft} * 0 \% = 56.24 \text{ ft}^3$$

HALLIBURTON

Total Spacer	= 56.15 ft ³
	= 10.00 bbl
Cement : (2000.00 ft fill)	
200.00 ft * 0.2691 ft ³ /ft * 0 %	= 53.82 ft ³
1800.00 ft * 0.1733 ft ³ /ft * 25 %	= 389.82 ft ³
Total Lead Cement	= 443.64 ft ³
	= 79.02 bbl
Sacks of Cement	= 115 sks
Cement : (3000.00 ft fill)	
3000.00 ft * 0.1733 ft ³ /ft * 25 %	= 649.70 ft ³
Tail Cement	= 649.70 ft ³
	= 115.72 bbl
Shoe Joint Volume: (0.00 ft fill)	
0.00 ft * 0.1336 ft ³ /ft	= 0.00 ft ³
	= 0.00 bbl
Tail plus shoe joint	= 649.70 ft ³
	= 115.72 bbl
Total Tail	= 431 sks
Total Pipe Capacity:	
8000.00 ft * 0.1336 ft ³ /ft	= 1069.12 ft ³
	= 190.42 bbl
Displacement Volume to Shoe Joint:	
Capacity of Pipe - Shoe Joint	= 190.42 bbl - 0.00 bbl
	= 190.42 bbl

Job Recommendation

5 1/2" Two Stage Production

Fluid Instructions

Stage 1

Fluid 1: Water Spacer
Water Ahead

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density: 9.20 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer
Water Spacer

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Tail Cement
50/50 Poz Premium AG

2 % Total	Bentonite (Light Weight Additive)	Fluid Weight	13.40 lbm/gal
0.75 %	Halad(R)-322 (Low Fluid Loss Control)	Slurry Yield:	1.51 ft ³ /sk
3 %	KCL (Clay Control)bwow	Total Mixing Fluid:	7.38 Gal/sk
3 lbm/sk	Silicalite Compacted (Light Weight Additive)	Top of Fluid:	7700 ft
0.2 %	WG-17 (Gelling Agent)	Calculated Fill:	2950 ft
0.25 lbm/sk	Flocele (Lost Circulation Additive)	Volume:	114.74 bbl
		Calculated Sacks:	426.92 sks
		Proposed Sacks:	430 sks

Fluid 5: Water Based Spacer
Displacement

Fluid Density: 8.40 lbm/gal
Fluid Volume: 252.54 bbl

Multiple Stage Cementer

8000 ft (MD)

Stage 2

Fluid 1: Water Spacer
Water Ahead

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density: 9.20 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer
Water Spacer

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10 bbl

HALLIBURTON

Fluid 4: Lead Cement
Halliburton Hi-Fill

Fluid Weight: 11 lbm/gal
Slurry Yield: 3.86 ft³/sk
Total Mixing Fluid: 23.36 Gal/sk
Top of Fluid: 3000 ft
Calculated Fill: 2000 ft
Volume: 79.02 bbl
Calculated Sacks: 114.96 sks
Proposed Sacks: 115 sks

Fluid 5: Tail Cement
50/50 Poz Premium AG

2 % Total Bentonite (Light Weight Additive)
0.75 % Halad(R)-322 (Low Fluid Loss Control)
3 % KCL (Clay Control)bwow
3 lbm/sk Silicalite Compacted (Light Weight Additive)
0.2 % WG-17 (Gelling Agent)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight: 13.40 lbm/gal
Slurry Yield: 1.51 ft³/sk
Total Mixing Fluid: 7.38 Gal/sk
Top of Fluid: 5000 ft
Calculated Fill: 3000 ft
Volume: 115.72 bbl
Calculated Sacks: 430.55 sks
Proposed Sacks: 435 sks

Fluid 6: Water Based Spacer
Displacement

Fluid Density: 8.33 lbm/gal
Fluid Volume: 190.42 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
Stage 1					
1	Spacer	Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Water Spacer	8.3	5.0	10 bbl
4	Cement	50/50 Poz	13.4	5.0	430 sks
5	Spacer	Displacement	8.4	5.0	252.54 bbl
Stage 2					
1	Spacer	Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Water Spacer	8.3	5.0	10 bbl
4	Cement	Hi Fill	11.0	5.0	115 sks
5	Cement	50/50 Poz	13.4	5.0	435 sks
6	Spacer	Displacement	8.3	5.0	190.42 bbl

WIND RIVER II CORPORATION

THREE PINES #14-17-16-23

LOCATED IN GRAND COUNTY, UTAH

SECTION 17, T16S, R23E, S.L.B.&M.

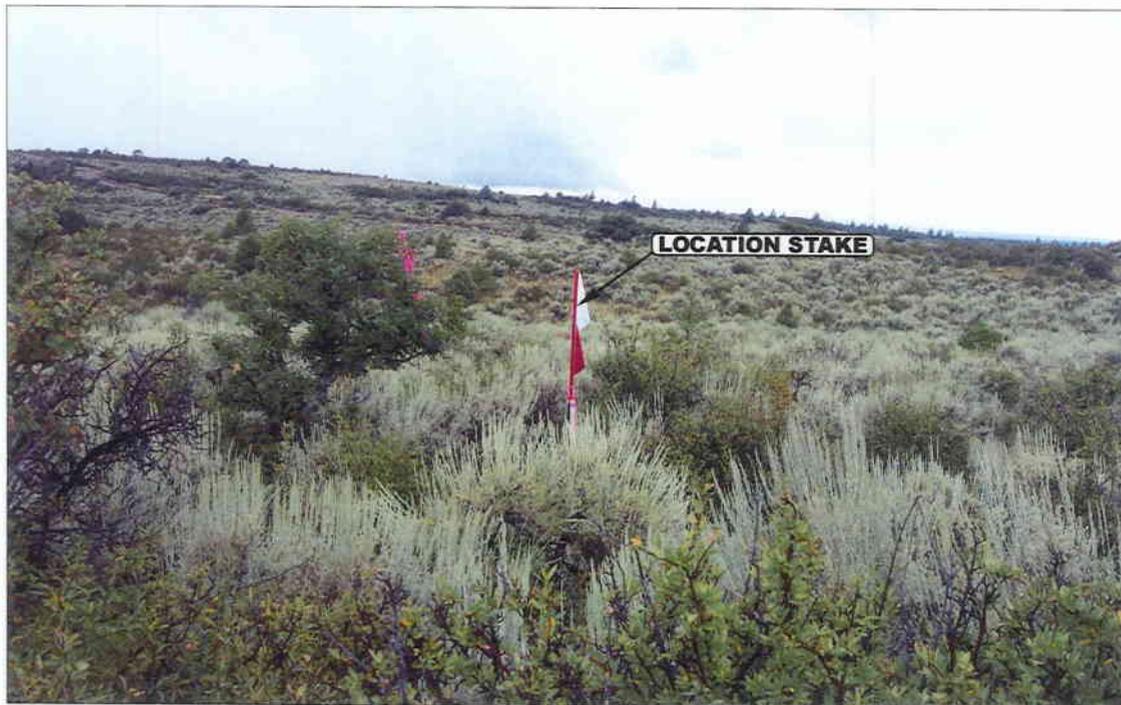


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

08 | 17 | 05
MONTH | DAY | YEAR

PHOTO

TAKEN BY: J.F.

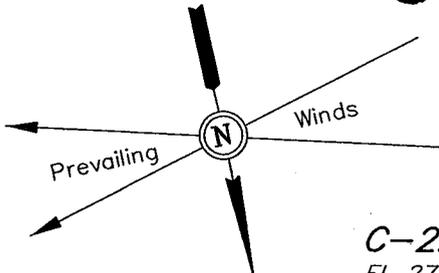
DRAWN BY: C.P.

REVISED: 00-00-00

WIND RIVER II CORPORATION

LOCATION LAYOUT FOR

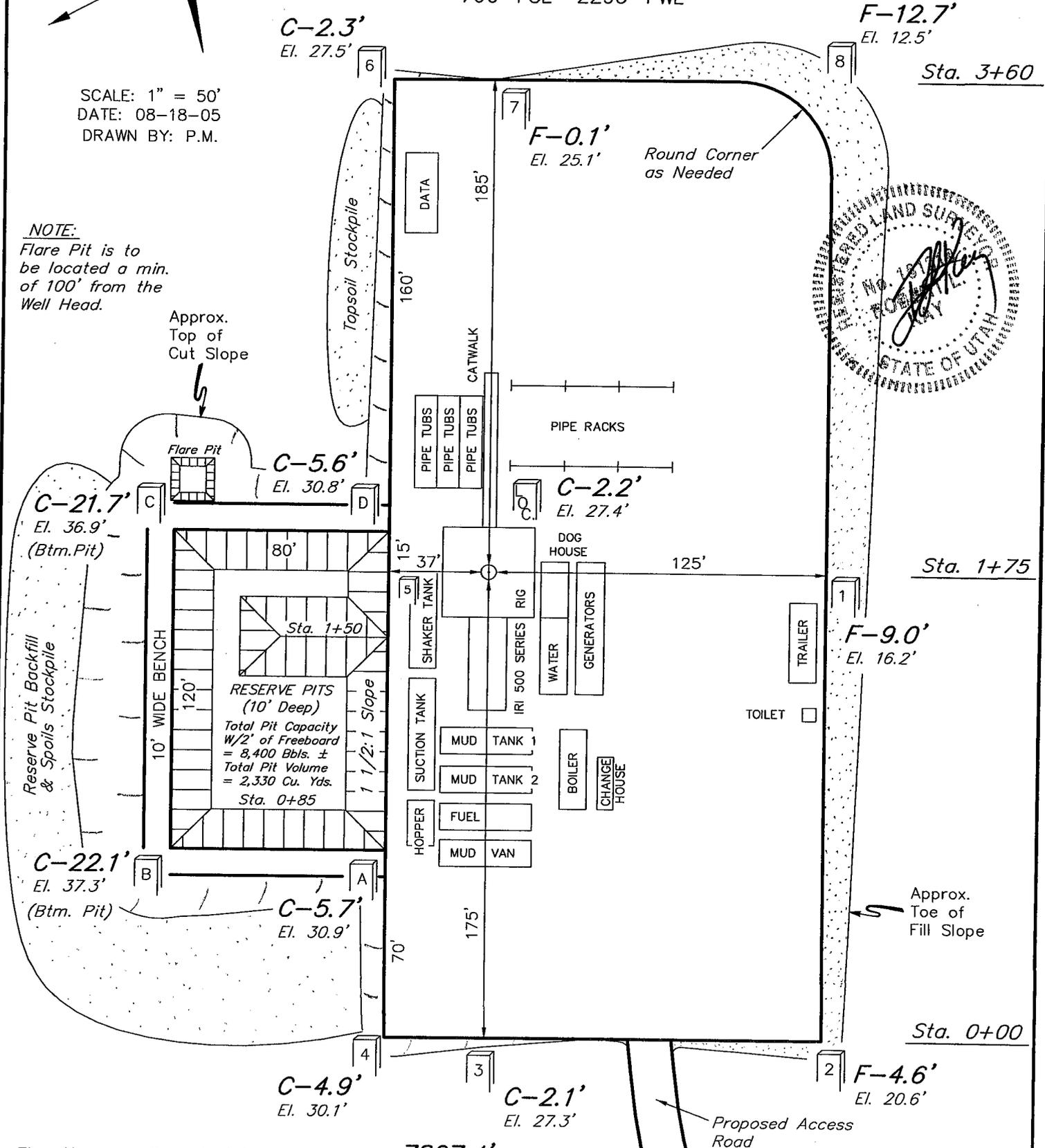
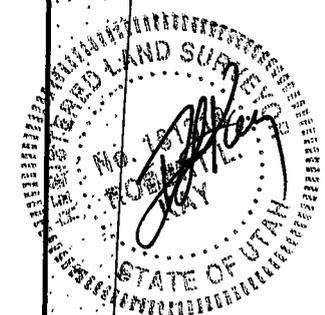
THREE PINES #14-17-16-23
SECTION 17 T16S, R23E, S.L.B.&M.
760' FSL 2293' FWL



SCALE: 1" = 50'
DATE: 08-18-05
DRAWN BY: P.M.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope



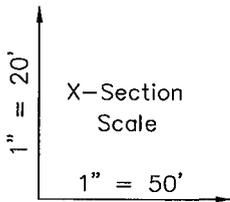
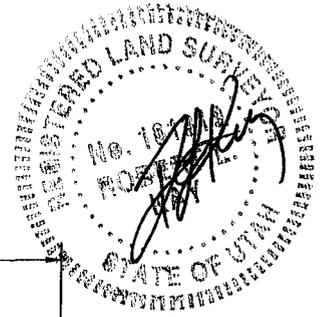
Elev. Ungraded Ground at Location Stake = 7827.4'
Elev. Graded Ground at Location Stake = 7825.2'

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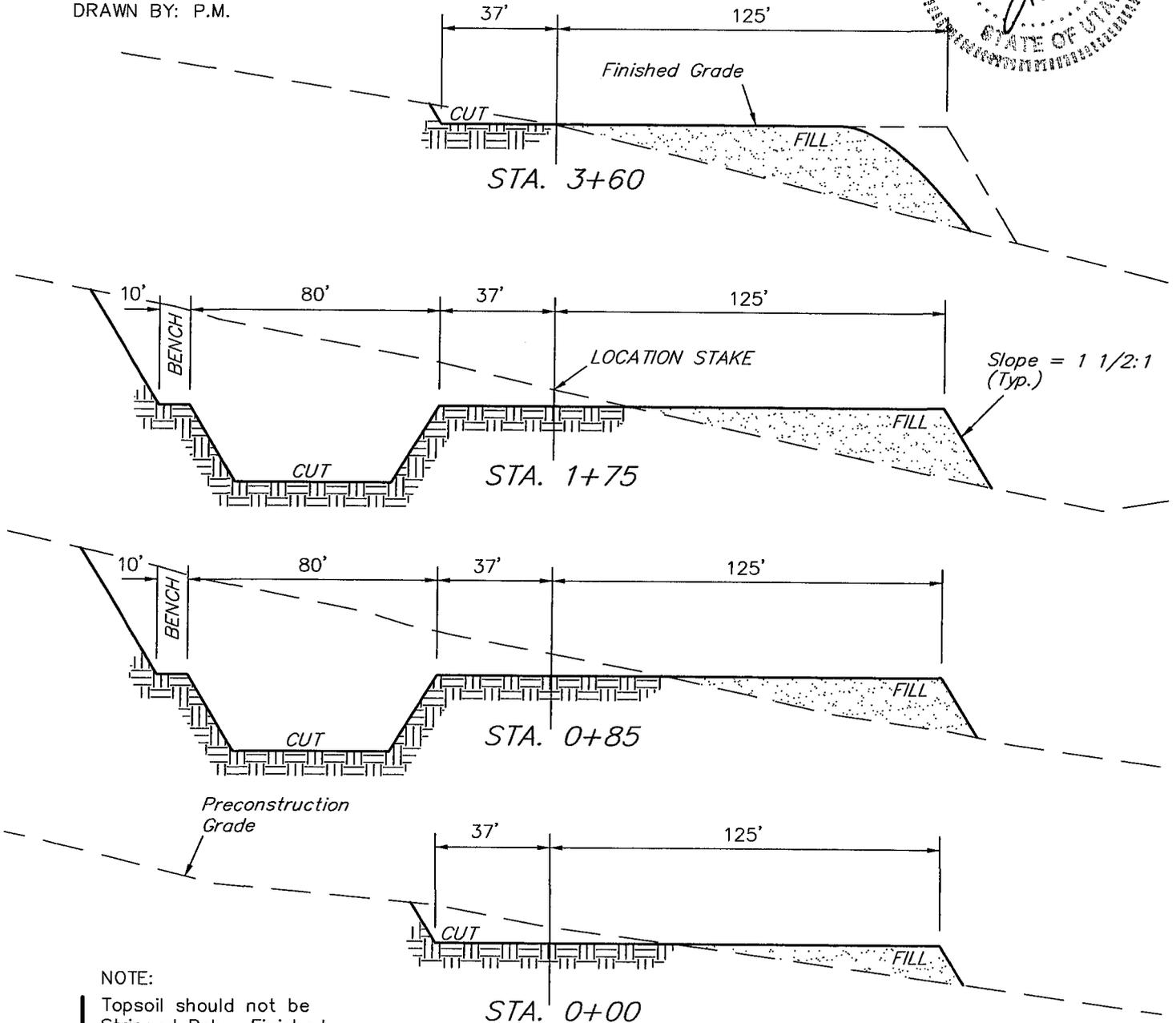
WIND RIVER II CORPORATION

TYPICAL CROSS SECTIONS FOR

THREE PINES #14-17-16-23
SECTION 17 T16S, R23E, S.L.B.&M.
760' FSL 2293' FWL



DATE: 08-18-05
DRAWN BY: P.M.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

*** NOTE:**

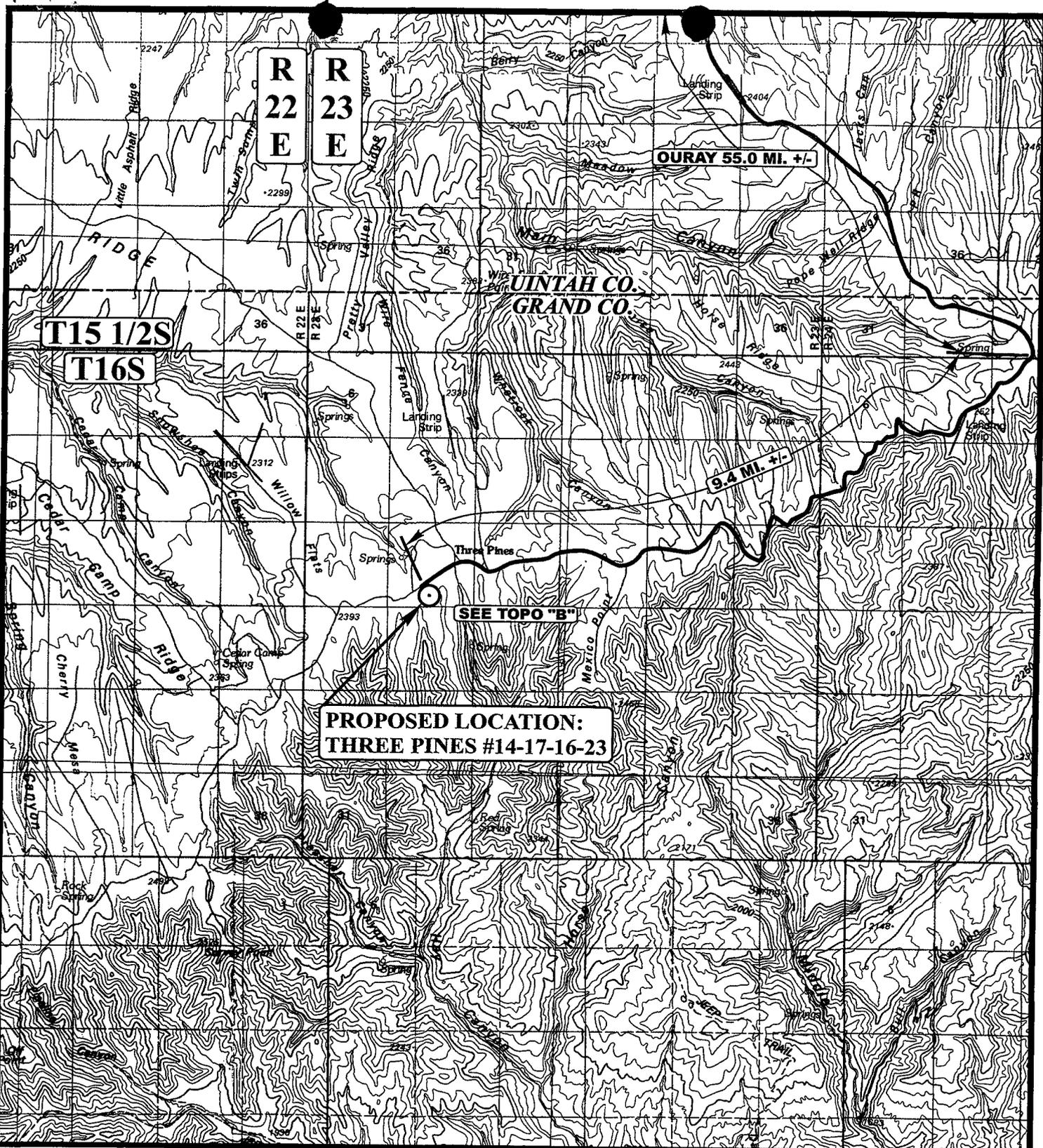
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,680 Cu. Yds.
Remaining Location	=	9,790 Cu. Yds.
TOTAL CUT	=	11,470 CU.YDS.
FILL	=	8,630 CU.YDS.

EXCESS MATERIAL	=	2,840 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,840 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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LEGEND:

○ PROPOSED LOCATION



WIND RIVER II CORPORATION

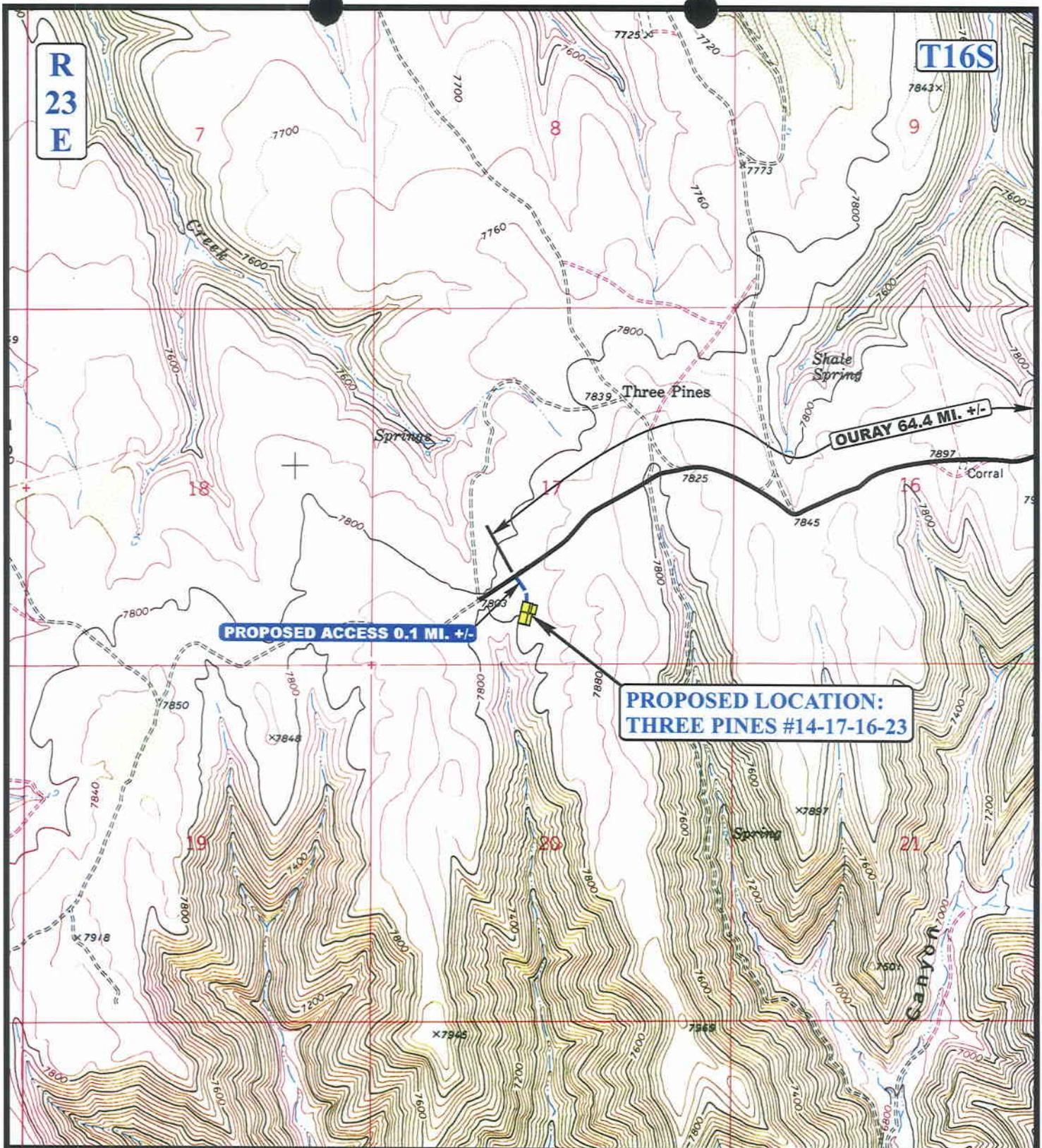
THREE PINES #14-17-16-23
 SECTION 17, T16S, R23E, S.L.B.&M.
 760' FSL 2293' FWL



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 85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC MAP
 08 17 05
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**R
23
E**

T16S

PROPOSED ACCESS 0.1 MI. +/-

**PROPOSED LOCATION:
THREE PINES #14-17-16-23**

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

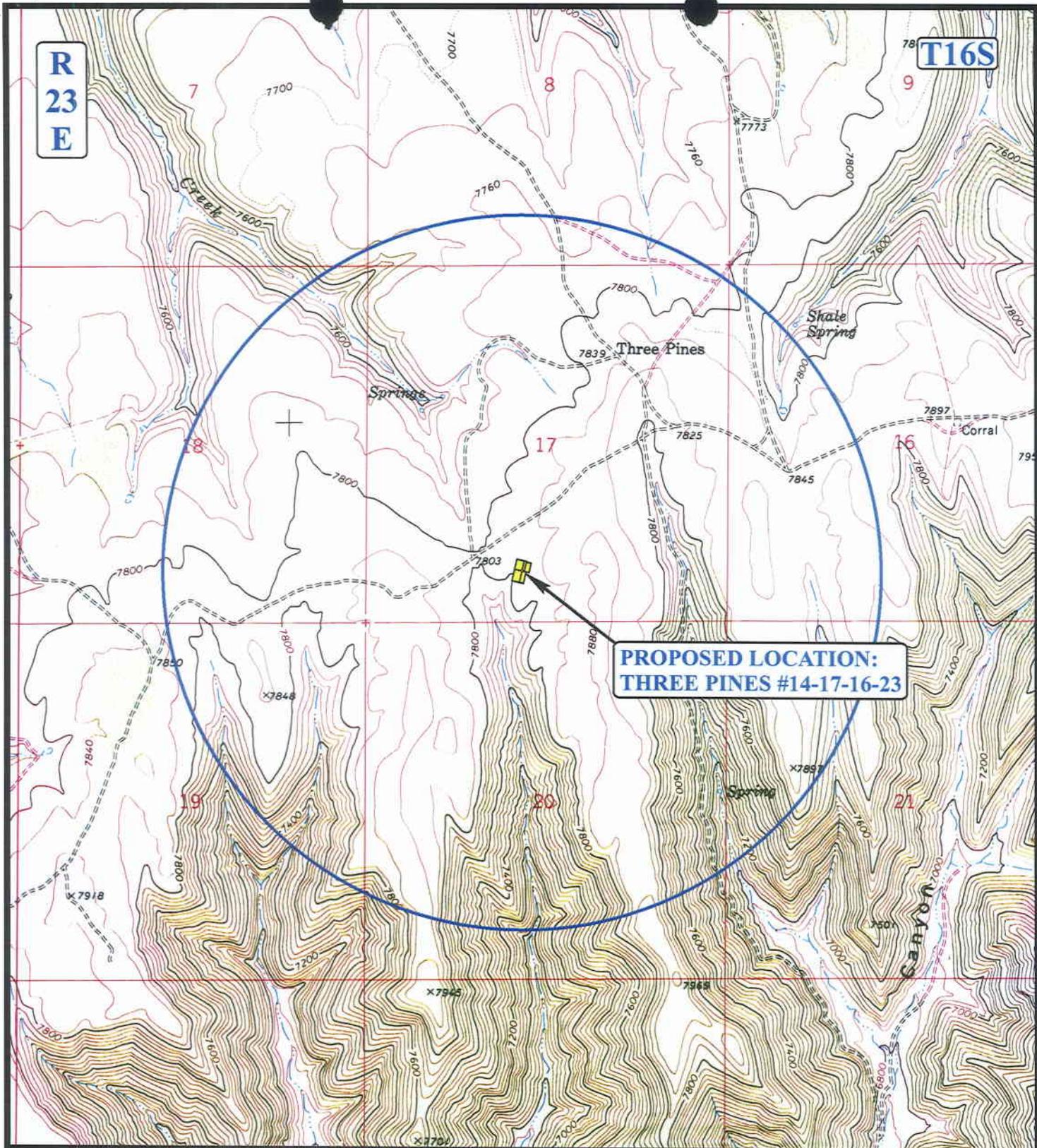


WIND RIVER II CORPORATION

THREE PINES #14-17-16-23
SECTION 17, T16S, R23E, S.L.B.&M.
760' FSL 2293' FWL

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TOPOGRAPHIC **08 17 05**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **B**
 TOPO



**R
23
E**

T16S

**PROPOSED LOCATION:
THREE PINES #14-17-16-23**

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



WIND RIVER II CORPORATION

THREE PINES #14-17-16-23
SECTION 17, T16S, R23E, S.L.B.&M.
760' FSL 2293' FWL

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TOPOGRAPHIC MAP **08 17 05**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **C TOPO**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML 47572	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or GA AGREEMENT NAME: Rock Spring Unit	
2. NAME OF OPERATOR: Wind River II Corporation				9. WELL NAME and NUMBER: Three Pines 14-17-16-23	
3. ADDRESS OF OPERATOR: P.O. Box 1540 CITY Park City STATE UT ZIP 84066			PHONE NUMBER: (435) 658-0195	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 780' fsl & 2,293' fwl Section 17-T16S-R23E AT PROPOSED PRODUCING ZONE: same				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: sesw 17 16S 23E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approx. 72 mi. straight line from Roosevelt				12. COUNTY: Grand	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 3,430		16. NUMBER OF ACRES IN LEASE: 520		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) n/a		19. PROPOSED DEPTH: 10,650		20. BOND DESCRIPTION: Collateral Bond (CD) w/ Zions Bank <i>GP</i>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): GR=7827'		22. APPROXIMATE DATE WORK WILL START: 10/26/2005		23. ESTIMATED DURATION: 30 days 2759005338	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	9-5/8" K-55 36#	3,200	Lead: Light Premium 590 sx 1.8 cu ft/sk 12.8#/gal Tail: Premium Plus V 250 sx 1.19 cu ft/sk 15.6#/gal
7-7/8'	5-1/2" P-110 17#	10,650	See Drilling Plan

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Marc T. Eckels TITLE Vice President
SIGNATURE *Marc T. Eckels* DATE 10/3/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31457

APPROVAL: _____

RECEIVED
OCT 04 2005

DIV. OF OIL, GAS & MINING

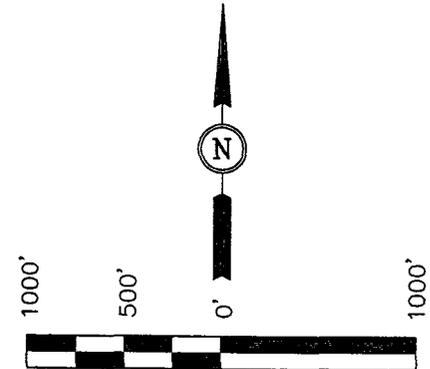
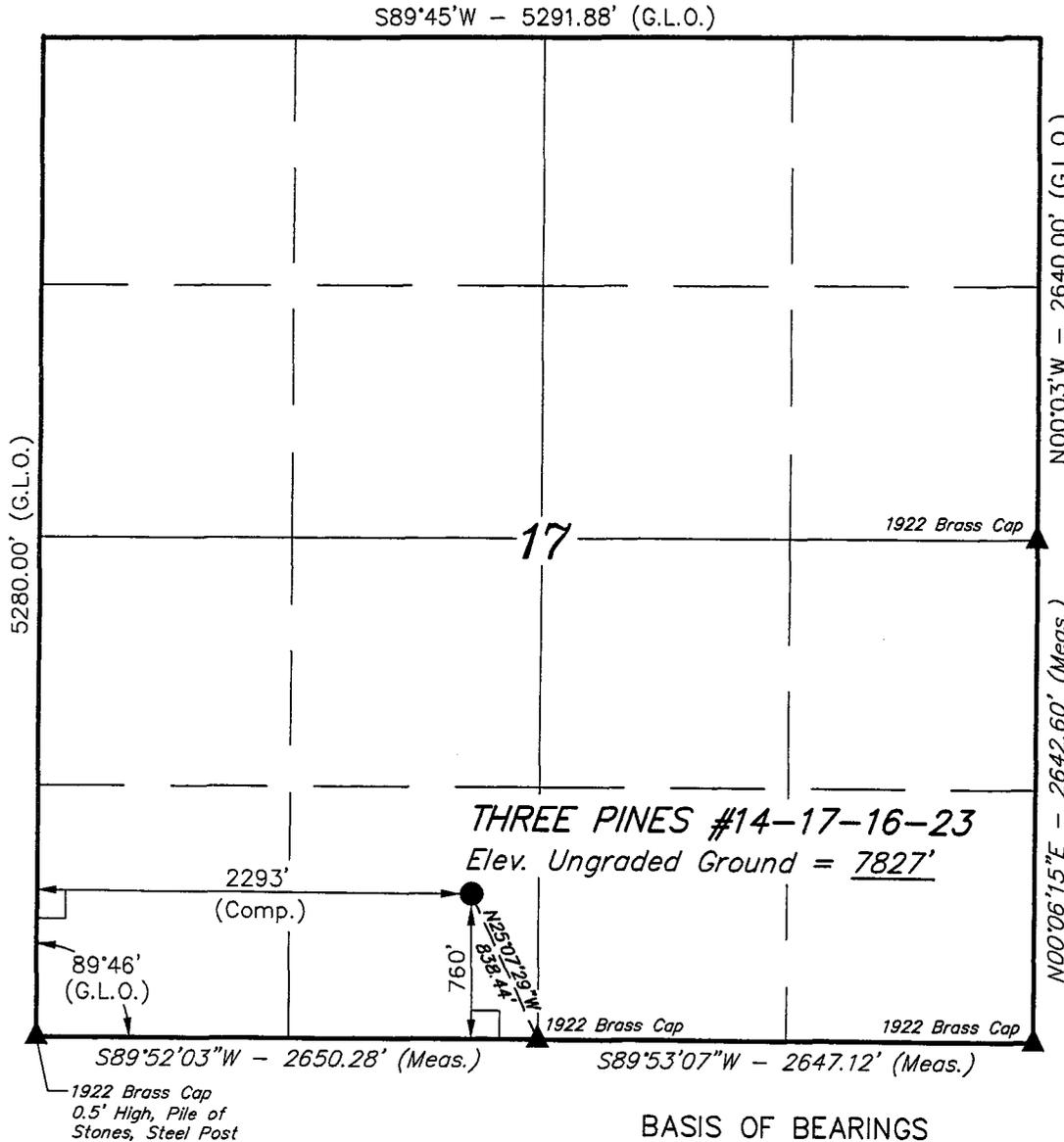
T16S, R23E, S.L.B.&M.

WIND RIVER II CORPORATION

Well location, THREE PINES #14-17-16-23, located as shown in the SE 1/4 SW 1/4 of Section 17, T16S, R23E, S.L.B.&M. Grand County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NE CORNER OF SECTION 17, T16S, R23E, S.L.B.&M. TAKEN FROM THE CEDAR CAMP CANYON, QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7825 FEET.



CERTIFICATE OF LAND SURVEYING
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 101319
 STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

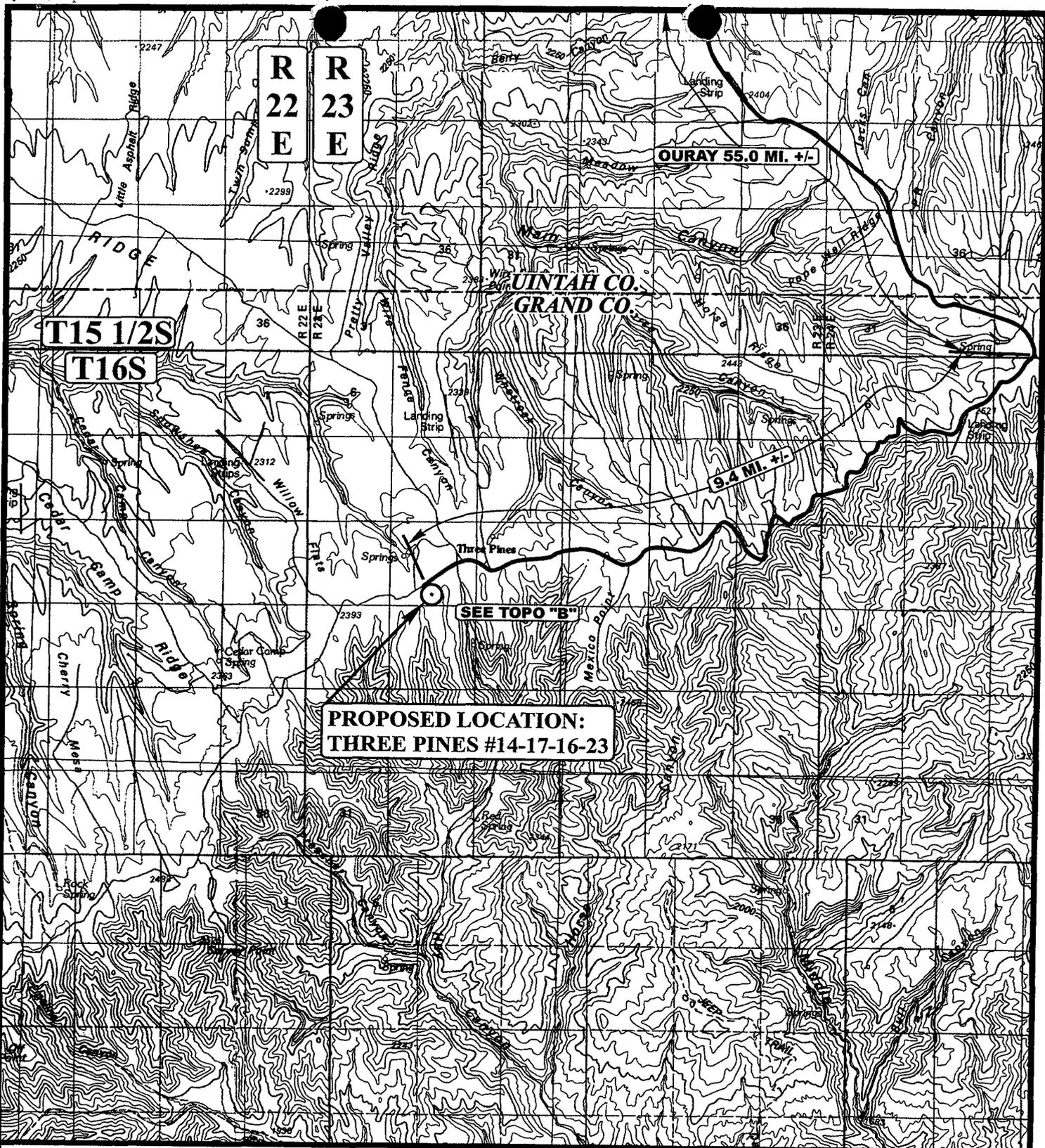
LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
 LATITUDE = 39°24'38.39" (39.410664)
 LONGITUDE = 109°24'18.46" (109.405128)
 (AUTONOMOUS NAD 27)
 LATITUDE = 39°24'38.50" (39.410694)
 LONGITUDE = 109°24'16.02" (109.404450)

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-10-05	DATE DRAWN: 08-18-05
PARTY J.F. B.C. P.M.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE WIND RIVER II CORPORATION	



LEGEND:

○ PROPOSED LOCATION

N



WIND RIVER II CORPORATION

THREE PINES #14-17-16-23
SECTION 17, T16S, R23E, S.L.B.&M.
760' FSL 2293' FWL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

08 17 05
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/04/2005

API NO. ASSIGNED: 43-019-31457

WELL NAME: THREE PINES 14-17-16-23
 OPERATOR: WIND RIVER II (N2895)
 CONTACT: MARC ECKELS

PHONE NUMBER: 435-658-0195

PROPOSED LOCATION:

SESW 17 160S 230E
 SURFACE: 0760 FSL 2293 FWL
 BOTTOM: 0760 FSL 2293 FWL
 GRAND
 WILDCAT (1)
 LEASE TYPE: 3 - State
 LEASE NUMBER: ML 47572
 SURFACE OWNER: 3 - State
 PROPOSED FORMATION: WINGT
 COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKW	10/25/05
Geology		
Surface		

LATITUDE: 39.41068
 LONGITUDE: -109.4046

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 2759005338)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49123)
- Y RDCC Review (Y/N)
(Date: 10/26/2005)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit Rock Spring
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Near Qtr (10-19-2005)

STIPULATIONS: 1- Spacing SIP
2- STATEMENT OF BASIS
3- Surface Csg Cont Step

T16S R23E

7

8

9

15

17

16

STATE 400-1

THREE PINES
14-17-16-23

19

20

21

OPERATOR: WIND RIVER II CORP (N2895)

SEC: 17 T. 16S R. 23E

FIELD: WILDCAT (001)

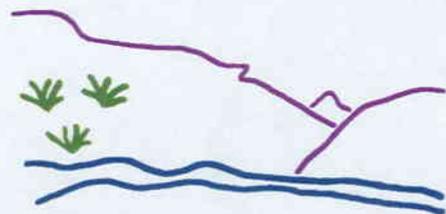
COUNTY: GRAND

SPACING: R649-3-3 / EXCEPTION LOCATION

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 11-OCTOBER-2005

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: _____ Wind River II Corporation
WELL NAME & NUMBER: _____ Three Pines 14-17-16-23
API NUMBER: _____ 43-019-31457
LOCATION: 1/4,1/4 SESW Sec: 17TWP: 16S RNG: 23 E 760' FSL 2293' FEL

Geology/Ground Water:

Wind River proposes to set 3,200' of surface casing at this location. The base of the moderately saline water is at approximately 3,800 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates no water wells within a 10,000 foot radius of the proposed location. The proposed casing and cement program should adequately protect any useable ground water.

Reviewer: _____ Brad Hill _____ **Date:** _____ 10-24-2005 _____

Surface:

At the request of Marc Eccles of Wind River II, a short notice pre-site for this well was completed on 10/19/2005. The site is State surface and State Mineral. Ed Bonner, Jim Davis and Lavonne Garrison of SITLA and Ben Williams of UDWR were invited to attend the pre-site on October 17, 2005. Mr Chris. Wood attended for Mr. Williams of the UDWR. SITLA was not represented. The road to the location and the pad, except for the inning of the pit, were already constructed when the "pre-site" was conducted. Mr. Eccles stated that he had approval from Lavonne Garrison of SITLA to construct the location.

I explained to Mr. Eccles that this is not the process for well development outlined in the Division of Oil and Gas Rules. If the surface owner, through agreement, allows prior development of the surface that is beyond DOGM's control. The risk exists that DOGM may not approve the development or part of it and a permit to drill would not be issued.

His justification and rationale for this action was that he has a six-month contract with a drilling rig currently drilling for Cocham Resources near the junction of the Seep Ridge and Divide Road. This contract will begin when this rig is available in about 10 days. He plans to move it to this location at that time.

Chris Wood representing the UDWR stated that the area is classified as critical summer range for both deer and elk. He said the critical time for these species was from May 15 to July 5th. He recommended to Mr. Eccles that construction activity, drilling and the use of work-over rigs not occur during that period. Mr. Eccles felt they could complete their operations outside this period. Mr. Wood did not request any restrictions for sage grouse. No other wildlife is expected to be affected.

The location, as constructed, followed the Location Layout as detailed in the application for permit to drill. The location poses no obvious problems for drilling and appears to be the best location for drilling a well in the immediate area.

Reviewer: Floyd Bartlett **Date:** 10/21/05

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils and a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Wind River II Corporation
WELL NAME & NUMBER: Three Pines 14-17-16-23
API NUMBER: 43-019-31457
LEASE: ML-47572 **FIELD/UNIT:** Wildcat
LOCATION: 1/4,1/4 **SESW Sec:** 17**TWP:** 16S **RNG:** 23 E **760' FSL** 2293' FEL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 4363358 Y 0637357 X **SURFACE OWNER:** State of Utah
(SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Marc Eccles (Wind River II), Chris Wood (UDWR), .

REGIONAL/SETTING TOPOGRAPHY

Site is in Grand County, Utah on the south slope of the main Book Cliffs Divide. It is on a gentle slope near the head of a sub drainage of Hay Canyon which drains to the south. It is approximately 72 miles straight-line distance southeast of Roosevelt, UT and approximately 105 miles road distance from Vernal.

Access to the site from Ouray, UT is following the Seep Ridge Road south 55 miles to the Book Cliffs Divide then west along the divide 9.4 miles to the location. Approximately 0.1 miles new road has been constructed from the Divide Road south to the location.

SURFACE USE PLAN

CURRENT SURFACE USE: Cattle grazing, high quality big game hunting and general recreation.

PROPOSED SURFACE DISTURBANCE: Location of 360'x 162' and a reserve pit of 80' x 120' with an additional 10' wide bench. Approximately 0.1 miles of new road has been constructed. A 0.1-mile pipeline will be laid adjacent to the road.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: None

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road. Negotiations are in process to connect this pipeline to an existing pipeline along the Divide Road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material have been obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Sportsmen who hunt big game in the Book Cliffs area as well as the Utah Division of Wildlife Resources have already expressed

concern. They see the renewed and increased oil field related activity in the Book Cliffs area as being an impact on existing high quality big game values. A well is currently being drilled adjacent to the divide road immediately west of the junction of the Seep Ridge Road. Other old wells exist along the Divide Road. Companies in the area are currently discussing with SITLA and the UDWR opportunities to reduce the impacts of increased activity by completing big game habitat mitigation projects on the large block of SITLA lands in the area. No specific comments are expected concerning this well.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Big sage brush, pinion/juniper, slender wheatgrass, needle and thread grass, poa spp. oak brush, rabbit brush, birch leaf mahogany, snowberry. Deer, elk, mountain lion, bear, other small mammals and birds. An in-active sage grouse lek was identified in the area of Wet Rock Canyon over ½ mile away. A raptor survey located no raptors in the area. Cattle graze the area in the summer.

SOIL TYPE AND CHARACTERISTICS: Shallow medium brown sandy clay loam. Frequent small sized surface rock. Subsurface develops from a light to a dark shale exhibiting signs of oil.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 80' x 120', The reserve pit is all within cut. A 10' wide bench was constructed around the outer edges. Two feet of freeboard is provided.

LINER REQUIREMENTS (Site Ranking Form attached): Level II sensitivity. A 12-mil liner with a felt sub-liner is required for the reserve pit.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: Mr. Eccles stated that the area had been surveyed as part of the survey completed for the a previous 3-D seismic project in the area and the survey would be submitted to SITLA.

OTHER OBSERVATIONS/COMMENTS

The road to the location and the pad were already constructed, except for the inking of the pit, when the pre-site was conducted. Marc Eccles stated that he has approval from Lavonne Garrison of SITLA to construct the location.

I explained to Mr. Eccles that this is not the process for well development outlined in the Division of Oil and Gas Rules. If the surface owner, through agreement, allows him to develop the surface that is beyond DOGM's control. The risk exists that DOGM may not approve the development or part of it and a permit to drill would not be issued. His justification and rationale for this action was that he has a six-month contract with a drilling rig currently drilling for Cochran Resources near the junction of the Seep Ridge and Divide Road. This contract will begin when this rig is available in about 10 days. He plans to move it to this location at that time.

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This pre-drill investigation was conducted on a sunny day.

ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

10/19/2005; 10:30 AM

DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 15 (Level II Sensitivity)

Sensitivity Levee I = 20 or more: total containment is required.

Sensitivity Level I = 15-19: lining is discretionary.

Sensitivity Level II = below 15; no specific lining is required.



2005 10 19



2005 10 19



2005 10 19



STATE ACTIONS
Resource Development Coordinating Committee
Governor's Office of Planning and Budget
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or October 25, 2005
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Wind River II Corporation proposes to drill the Three Pines #14-17-16-23 well (wildcat) on a State lease ML 47572, Grand County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 760' FSL 2293' FWL, SE/4 SW/4, Section 17, Township 16 South, Range 23 East, Grand County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Southeastern Utah Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer Gil Hunt, Associate Director Date: October 11, 2005

10-05 Wind River Three Pines 14-17-16-23

Casing Schematic

Green River

Surface

Propose TOC Surface

9-5/8"
MW 8.4
Frac 19.3

TOC @
1057.

1675 Washack

3178 Mesaverde

Surface
3200. MD

3800 Bmsw

TOC @ 4195' w/15% WO

5381 Mancos

w/18% Washack
✓ Surface w/ 6% Washack
X Surface Stop

BHP

$$(0.5)(9.2)(10,650) = 5094$$

G₂₀

$$(0.12)(10,650) = 1278$$

MASP = 3816

BOPE - 5,000 ✓

Surf Csg - 3500

Relating Head 70.6 = 2464

Max pressure @ Surf shoe = 3455

Test to 2400# ✓

✓ Adequate DWD 10/25/05

DVT @ 8000'

✓ propose TOC @ 2650'

8350' TOC First stage

w/15% Washack

TOC @ 3589' w/10% WO

8928 Dakota s.s.

5-1/2"
MW 9.2

Production
10650. MD

Well name:	10-05 Wind River Three Pines 14-17-16-23	
Operator:	Wind River II Corporation	Project ID:
String type:	Surface	43-019-31457
Location:	Grand County, Utah	

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 110 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 299 ft

Cement top: 1,057 ft

Burst

Max anticipated surface pressure: 443 psi
 Internal gradient: 0.436 psi/ft
 Calculated BHP 1,839 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on air weight.
 Neutral point: 2,802 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,650 ft
 Next mud weight: 9.200 ppg
 Next setting BHP: 5,090 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 3,200 ft
 Injection pressure 3,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3200	9.625	36.00	K-55	ST&C	3200	3200	8.765	227.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1396	2020	1.447	1839	3520	1.91	115	423	3.67 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: (801) 538-5281
 FAX: (801)359-3940

Date: October 24,2005
 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	10-05 Wind River Three Pines 14-17-16-23	
Operator:	Wind River II Corporation	Project ID:
String type:	Production	43-019-31457
Location:	Grand County, Utah	

Design parameters:	Minimum design factors:	Environment:
<u>Collapse</u>	<u>Collapse:</u>	H2S considered? No
Mud weight: 9.200 ppg	Design factor 1.125	Surface temperature: 65 °F
Design is based on evacuated pipe.		Bottom hole temperature: 214 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 1,500 ft
	<u>Burst:</u>	Cement top: 1,684 ft
<u>Burst</u>	Design factor 1.00	
Max anticipated surface pressure: 443 psi		Non-directional string.
Internal gradient: 0.436 psi/ft	<u>Tension:</u>	
Calculated BHP 5,090 psi	8 Round STC: 1.80 (J)	
No backup mud specified.	8 Round LTC: 1.80 (J)	
	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	
	Tension is based on air weight.	
	Neutral point: 9,164 ft	

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10650	5.5	17.00	P-110	LT&C	10650	10650	4.767	367
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5090	7480	1.470	5090	10640	2.09	181	445	2.46 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: (801) 538-5281
FAX: (801)359-3940

Date: October 24,2005
Salt Lake City, Utah

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Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



WIND RIVER II CORPORATION

Claim Jumper Building
572 Park Avenue, 2nd Floor
P.O. Box 1540
Park City, Utah 84060
Telephone: (435)658-0195
Facsimile: (435)658-0194
Email: wrrc@mwutah.com

October 14, 2005

Diana Whitney, Petroleum Technician
Utah Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Request for Location Exception
Three Pines 14-17-16-23
sesw Sec. 17-T16S-R23E
Grand County

Dear Ms. Whitney:

An administrative location exception is requested for the Three Pines 14-17-16-23 so that the well can be located to penetrate a series of anomalies evident in the high resolution 3D seismic survey that Wind River II Corporation acquired in the field approximately one year ago. We anticipate that the requested location will allow a single well bore to penetrate a combination of amplitude and structural anomalies in the Dakota, Cedar Mountain, Entrada and Wingate formations that would not be possible from any location within 200' of the center of the quarter-quarter section. Additionally, this location allows us to avoid a topographic drainage in the center of the 40-acre sesw quarter-quarter section.

The requested location is approximately 300' from the center of the sesw and approximately 100' outside the allowed window. It is more than 3,000' from the nearest lease line.

Marc T. Eckels
Vice President

RECEIVED

OCT 1 / 2005

DIV. OF OIL, GAS & MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: Rock Springs Unit - Grand Cty, UT

LEASE NUMBER: _____

and hereby designates

NAME: Wind River II Corporation

ADDRESS: Claim Jumper Building, 572 Park Avenue (PO Box 1540)

city Park City state Ut zip 84060

as his (check one) agent / operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

SEE ATTACHED LIST

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

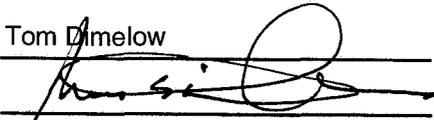
In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 06/25/2004

RECEIVED

OCT 19 2005

BY: (Name) Tom Dimelow
(Signature) 
(Title) VP Exploration/New Business
(Phone) (303) 298-8211

OF: (Company) CDX Rockies, LLC
(Address) 1801 Broadway, Suite 1000
OF OIL, GAS & MINING
city Denver
state CO zip 80202

ATTACHMENT "A"
PROPOSED ROCK SPRING UNIT
OIL AND GAS LEASES

Township 16 South, Range 21 East, SLM

<u>SITLA Number</u>	<u>Lands Covered</u>
ML 47562	Section 13: E $\frac{1}{2}$ Section 24: E $\frac{1}{2}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 25: All

Township 16 South, Range 22 East, SLM

<u>SITLA Number</u>	<u>Lands Covered</u>
ML 47563	Section 2: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$ Section 3: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$ Section 4: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$
ML 47564	Section 5: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$ Section 6: All Section 7: All Section 8: All
ML 47565	Section 10: All Section 11: All Section 13: All Section 14: All
ML 47566	Section 15: All Section 16: All Section 17: All Section 18: Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$
ML 47567	Section 19: Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ Section 20: All
ML 47568	Section 21: All Section 22: All Section 27: All Section 28: All

ML 47569	Section 29: All Section 30: Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ Section 32: All
ML 47570	Section 23: N $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 24: All Section 25: All Section 26: NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$, NW $\frac{1}{4}$
ML 47571	Section 33: All Section 34: All Section 35: All

Township 16 South, Range 23 East, SLM

<u>SITLA Number</u>	<u>Lands Covered</u>
ML 47572	Section 16: All Section 17: All Section 20: NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ Section 21: NW $\frac{1}{4}$
ML 47573	Section 18: Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ Section 19: Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 30: Lot 1, NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32: All



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Wildlife Resources**

JAMES F. KARPOWITZ
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

October 17, 2005

Gil Hunt
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Subject: RDCC Project 5796, Application for Permit to Drill

Dear Mr. Hunt:

The Utah Division of Wildlife Resources has reviewed the subject document, and we provide the following comments:

We are concerned that the proposed action will result in significant impacts to summering mule deer, elk and sage grouse. This area is crucial summer range for all three species and disturbance should be avoided; therefore we suggest that the seasonal closures for mule deer/elk (May 15th-July 5th) and sage grouse (March 1st-June 15th) be followed. Furthermore, drilling activities should avoid open, mixed sagebrush/oakbrush/serviceberry habitat as summer range is thought to be the limiting factor for this mule deer population. In addition, these areas are critical habitat for both fawning and calving mule deer and elk, and brood rearing sage grouse during the summer months.

Should these recommendations not be followed it is possible that this disturbance may result in lowered sage grouse nest initiation rates. Additionally, disturbance during these time periods may cause significant distress to fawning mule deer, calving elk and brood rearing sage grouse potentially resulting in animals relocating to less desirable areas.

Mitigation should be accomplished by completing a habitat restoration project that creates and enhances beneficial habitat that will, both, benefit mule deer and sage grouse and compensate for ground disturbance and habitat loss.

Thank you for the opportunity to review this proposed action and provide comment. If you have any questions, please call Nathan Sill, Oil and Gas Biologist, at our Southeastern Regional office (435-636-0283).

Sincerely,

Derris Jones
Regional Supervisor

Cc: JFK/NSS/Derris Jones/Chris Colt/Mike Canning/Carolyn Wright/Ben Williams

RECEIVED

OCT 21 2005

DIV. OF OIL, GAS & MINING

From: Robert Clark
To: Whitney, Diana
Date: 10/18/2005 2:04:45 PM
Subject: Comments on Three Pines 14-17-16-23 wildcat well

The following comments are submitted in response to **RDCC #5796**. Comments are being submitted directly to DOG&M due to short turn around time involved.

Comments begin: The proposed Three Pines 14-17-16-23 wildcat well drilling project in Grand County may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are constructed at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules are found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

Robert Clark
Division of Air Quality
536-4435

CC: Mcneill, Dave; Wright, Carolyn

SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

JERRY McNEELEY
CHAIRMAN

WILLIAM D. HOWELL
EXECUTIVE DIRECTOR



375 SOUTH CARBON AVE.
P.O. DRAWER 1106
PRICE, UTAH 84501
(435) 637-5444
FAX (435) 637-5448

AREA WIDE CLEARINGHOUSE REVIEW

Federal Action _____ State Action x Approved (x) Yes () No

Other (indicate) _____

Applicant Address:

Oil, Gas and Mining

1594 West North Temple #1210

SLC, UT 84114-5801

Name/Phone #

Diana Whitney 801-538-5312

Title/Project Description Application for Permit to Drill - Wind River II Corporation proposes to
drill the Three Pines #14-17-16-23 well (wildcate) on a State lease ML 47572, Grand County, UT.

- [] No Comment
[] See comment below

Comments: Favorable comment recommended.

Lorraine Bengel
SEUALG

10/20/2005
DATE

RECEIVED
OCT 26 2005

DIV. OF OIL, GAS & MINING

From: Ed Bonner
To: Whitney, Diana
Date: 10/28/2005 12:19:23 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Wind River II Corporation
Kelly Canyon 5-8-16-22
Three Pines 14-17-16-23

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

October 31, 2005

Wind River II Corporation
P O Box 1540
Park City, UT 84060

Re: Three Pines 14-17-16-23 Well, 760' FSL, 2293' FWL, SE SW, Sec. 17,
T. 16 South, R. 23 East, Grand County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31457.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Grand County Assessor
SITLA
Bureau of Land Management, Moab District Office

Operator: Wind River II Corporation
Well Name & Number Three Pines 14-17-16-23
API Number: 43-019-31457
Lease: ML 47572

Location: SE SW Sec. 17 T. 16 South R. 23 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: WIND RIVER II CORPORATION

Well Name: THREE PINES 14-17-16-23

Api No: 43-019-31457 Lease Type: STATE

Section 17 Township 16S Range 23E County GRAND

Drilling Contractor EXP RIG # 12

SPUDDED:

Date 11/14/05

Time 6:00 PM

How DRY

Drilling will Commence: _____

Reported by DEMPSEY DAY

Telephone # 1-435-724-1910

Date 11/15/2005 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Wind River II Corporation Operator Account Number: N 2895
 Address: 572 Park Ave., 2nd Fl. (P.O. Box 1540)
city Park City
state UT zip 84060 Phone Number: (435) 658-0195

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-019-31457	Three Pines 14-17-16-23		sesw	17	16S	23E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15072	11/16/2005		11/23/05		
Comments: <u>WINGT</u>							<u>- K</u>

Well 2

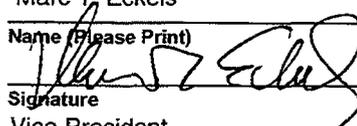
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Marc T. Eckels
 Name (Please Print) _____
 Signature  _____
 Vice President
 Title _____ Date 11/21/2005

(5/2000)

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NOV 22 2005



WIND RIVER II CORPORATION

Claim Jumper Building
572 Park Avenue, 2nd Floor
P.O. Box 1540
Park City, Utah 84060
Telephone: (435)658-0195
Facsimile: (435)658-0194
Email: wrrc@mwutah.com

December 12, 2005

Dustin Doucet, Petroleum Engineer
Utah Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Transmittal of Sundry Notices
Three Pines 14-17-16-23 – sesw Sec. 17-T16S-R23E, Grand County
Kelly Canyon 5-8-16-22 – senw Sec. 8-T16S-R22E, Grand County

Dear Mr. Doucet:

Enclosed are two copies of each Sundry Notice for the above-captioned wells, as follows:

Three Pines 14-17-16-23	Sundry Notice for well spud Sundry Notice for drilling report through 12/12/2005
Kelly Canyon 5-8-16-22	Sundry Notice for well spud Sundry Notice changing to directional well path

We will move onto the Kelly Canyon well as soon as we have finished drilling the Three Pines well. Please call me if you have any questions or need additional information.

Sincerely,

Marc T. Eckels
Vice President

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DEC 12 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
2. NAME OF OPERATOR: Wind River II Corporation		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
3. ADDRESS OF OPERATOR: P.O. Box 1540 CITY Park City STATE UT ZIP 84098		9. API NUMBER: 4301931457
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSL & 2,293 FWL		10. FIELD AND POOL, OR WILDCAT: Wildcate
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Well Spud</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Well was spud on 11/16/2005 with the setting of 40' of 14" conductor pipe by a bucket rig.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE <u><i>Marc T. Eckels</i></u>	DATE <u>12-9-05</u>

(This space for State use only)

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DEC 12 2005
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
2. NAME OF OPERATOR: Wind River Resources Corporation		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
3. ADDRESS OF OPERATOR: P. O. Box 1540 CITY Park City STATE UT ZIP 84060		9. API NUMBER: 4301931457
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		COUNTY: Grand
		STATE: UTAH

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	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Drilling Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Drilling of a 12.25" surface casing hole with Express drilling Rig #12 commenced on 11/16/2005. Drilled ahead with full returns to surface casing point at 3,535' in the Mesaverde on 11/23/2005. Set 82 joints 9.625", 36#, J-55 surface casing at 3,533' and cemented with 630 sx Hal-Lite lead and 250 sx Type V tail on 11/24/2005. Got full returns at surface. Topped out cement w/ 100 sx Type 2 down 1" after top of cement fell from surface. Nipped up and tested BOP on 11/25/2005. Commenced drilling 7.785" hole on 11/27/2005. Drilled ahead to 9,938" as of 12/12/2005, with loss of 50 bbl mud at 5,640', 300 bbl at 7,207', and 147 bbl at 9,938'. Able to regain full returns each time. Deviation surveys range from 0.25 degree to 2.75 degrees.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>12/12/2005</u>

(This space for State use only)

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DEC 12 2005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
2. NAME OF OPERATOR: Wind River Resources Corporation		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
3. ADDRESS OF OPERATOR: P.O. Box 1540	CITY Park City STATE UT ZIP 84060	9. API NUMBER: 4301931457
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSK & 2,293' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		COUNTY: Grand STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Drilling Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Continued drilling 7.875" hole to TD in crystalline basement at 10,790' at 7:30 a.m. on 12-17-05.
Run Platform Express triple combo open hole log suite, plus spectral gamma ray and dipole sonic logs.
Cut 24 sidewall cores in crystalline basement, Wingate, Entrada, Cedar Mountain, Dakota Silt and Mancos Shale.
Run 224 jts. 5-1/2", 17#, P-110, LT&C casing and set at 10,495' (KB).
Cement production casing in two stages with DV tool at 4,788' with: Stage 1 = 870 sx 50:50 Pozz.
Stage 2 = 310 sx Hi-V

Did not get returns to surface. Bumped second plug at 2 p.m., 12-21-05.
Rig Released at Midnight, 12-21-05.

Completion Report:
Drilled out DV tool 1-18-06.
Ran CBL (shoed good bond from 3,280' to PBDT at 10,420' on 1-20-06
Perforated Wingate on 1-21-06 and tested tight.
Perforated Cedar Mountain on 2-9-06 and tested wet.
Suspended operations on 3-4-06. Waiting on orders and designing frac for Mancos Shale.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>7/22/2006</u>



WIND RIVER II CORPORATION

Claim Jumper Building
572 Park Avenue, 2nd Floor
P.O. Box 1540
Park City, Utah 84060
Telephone: (435) 658-0195
Facsimile: (435) 658-0194
Email: wrrc@mwutah.com

Marc T. Eckels, Vice President

February 27, 2004

Carol Daniels, Information Specialist
Utah Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, UT 84114-5801

Letter of Transmittal for:

Completion Report for Kelly Canyon 5-8-16-22 – 2 copies + 1 set of open hole logs
(Triple Combo, BHC Sonic, Directional Survey, Spectral Gamma Ray and
Mud Log)

Sundry Notice for Three Pines 14-17-16-23 – 2 copies Drilling Report and
completion update

Sundry Notice for Kelly Canyon 10-8-16-22 – 2 copies Drilling Report and
completion update

Dear Ms. Daniels:

Enclosed please find the above-listed reports and logs. As we discussed on the phone last week, completion test results from the Cedar Mountain and deeper formations in the Three Pines 14-17-16-23 and Kelly Canyon 10-18-16-22 have not, so far, indicated commercial production. We have suspended completion operations at both wells in order to review our recalibrated 3D seismic data. At a technical meeting last Friday we and our partners were presented with the results of the review and are now considering a frac in the Cedar Mountain interval in the Kelly Canyon 10-8.

There is little doubt that both wells can be completed commercially in the Mancos Shale, but the required fracs will be very expensive and we hesitate to do them before we have exhausted all deeper possibilities, and before we have access to transportation for the gas out of the field.

RECEIVED
JUL 25 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		COUNTY: Grand
		STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Status
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As reported in the Sundry Notice dated 7/22/2006, this well was perforated in the Wingate and tested tight. It was then perforated in the Cedar Mountain and tested wet. The fracture stimulation treatment has been designed and will involve a very large water volume and a long flow-back period. Since no CO2 or N2 will be used in the frac, it is anticipated that the frac flow-back will produce marketable gas. Completion operations are suspended waiting on a pipeline connection so that gas produced during frac flow-back can be sold rather than wasted. Contract negotiations and pipeline construction are ongoing. It is anticipated that a suitable pipeline connection will become possible in November 2006.

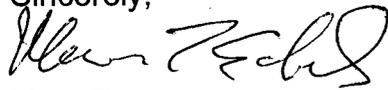
NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>10/5/2006</u>

(This space for State use only)

RECEIVED
OCT 06 2006

These issues are being pursued diligently and we will move forward as soon as the necessary conditions are met.

Sincerely,

A handwritten signature in black ink, appearing to read "Marc T. Eckels". The signature is fluid and cursive, with the first name "Marc" being the most prominent.

Marc T. Eckels

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
2. NAME OF OPERATOR: Wind River II Corporation		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd., #110 CITY Salt Lake City STATE UT ZIP 84106		9. API NUMBER: 4301931457
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Status
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The completion of this well as a Mancos Shale gas producer will resume as soon as a pipeline hook-up is available. We are presently waiting for a connection to the Uinta Basin Field Service pipeline, under construction and expected to reach this well during late spring or early summer 2007.

RECEIVED
FEB 06 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE <u></u>	DATE <u>2/5/2007</u>



WIND RIVER RESOURCES CORPORATION

1245 E Brickyard Road
Brickyard Tower, Suite 110
Salt Lake City, Utah 84106
Telephone: (801) 466-4131
Facsimile: (801) 466-4132
Email: utah@windrivercompanies.com

Marc T. Eckels, Vice President

February 5, 2007

Carol Daniels
Utah Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Notices of Drilling Wells Not Completed

Dear Ms. Daniels:

We are in receipt of the above notices for four wells: the North Hill Creek 15-31-14-21, North Hill Creek 1-8-15-20, Kelly Canyon 5-8-16-22 and Three Pines 14-17-16-23. The completion report for the Kelly Canyon 5-8-16-22 was submitted on July 22, 2006, along with the logs and related materials. If you cannot find this, please let me know. As you may remember, we plugged that well back to the surface casing shoe and drilled the Kelly Canyon 10-8-16-22 directionally to the southeast from the same location. DOG&M decided to give both wells the same API number, so perhaps that is the source of the confusion.

With regard to the remaining wells you will find Sundry Notices for each, and for the Kelly Canyon 10-8-16-22, explaining their current status and estimated completion dates.

Please call if you have any questions.

Sincerely,

Marc T. Eckels

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FEB 06 2007

DIV. OF OIL, GAS & MINING



WIND RIVER II CORPORATION

1245 Brickyard Road
Brickyard Tower, Suite 110
Salt Lake City, Utah 84106
Telephone: (801)466-4131
Facsimile: (801)466-4132
Email: utah@windrivercompanies.com

Marc T. Eckels – Vice President

T165 R93E S-17
43-019-31457

June 1, 2007

Carol Daniels, Well Information Specialist
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Notice – Drilling Wells Not Reported As Completed
Kelly Canyon 10-8-16-22
Three Pines 14-117-16-23

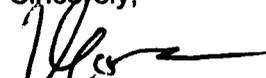
Dear Carol,

Although the two wells listed above were drilled in 2005 and 2006, they have not been finally completed due to unavailability of a pipeline in the area. Fortunately, our long wait is about over and we will be able to connect to the new Uinta Basin Field Service pipeline during the next few weeks. This line is a JV between Questar and the Ute Tribe.

Completion reports will be filed upon the completion and testing of these wells, as well as the Snowshoe 4-15-16-22, which we just drilled in the same area.

Please feel free to call me if you have questions or need additional information.

Sincerely,



Marc T. Eckels

RECEIVED

JUN 04 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
2. NAME OF OPERATOR: Wind River II Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd., #110 Salt Lake City STATE UT ZIP 84106		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 23E SL B&M		9. API NUMBER: 4301931458 7
COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Request extension for reserve pit reclamation
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The completion of this well has not yet been finished. The operator hereby requests an extension of the time to leave the reserve pit open until the well has been completed. It is anticipated that this will occur within 60 days.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 8/30/07
By: [Signature]

DEPARTMENT OF OPERATOR
DATE: 8-30-07
INITIALS: RM

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE <u>[Signature]</u>	DATE <u>August 24, 2007</u>

(This space for State use only)

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Wind River II Corporation Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
Kelly Cyn 10-8-16-22 drlg/wcr	4301931458	02/22/2006
Three Pines 14-17-16-23 drlg/wcr	4301931457	11/14/2005
Snowshoe 4-15-16-22 drlg/wcr	4301931510	03/28/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL			5. LEASE DESIGNATION AND SERIAL NUMBER:
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			ML 47572
2. NAME OF OPERATOR:			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Wind River II Corporation			Rock Spring Unit
3. ADDRESS OF OPERATOR:		PHONE NUMBER:	8. WELL NAME and NUMBER:
1245 E. Brickyard Rd. #110 CITY Salt Lake City STATE UT ZIP 84106		801-466-4131	Three Pines 14-17-16-223
4. LOCATION OF WELL			9. API NUMBER:
FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL			43019314587
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E SLB&M			10. FIELD AND POOL, OR WLD CAT:
COUNTY: Grand			Wildcat
STATE: UTAH			

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Status
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The completion of this well has not been finished. A completion report will be submitted as soon as the completion of the Mancos Shale is accomplished.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>September 24, 2007</u>

(This space for State use only)

RECEIVED
SEP 24 2007

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Wind River II Corporation Today's Date: 11/27/2007

Well:	API Number:	Drilling Commenced:
Three P nes 14-17-16-23 wcr	4301931457	11/14/2005
Snowshoe 4-15-16-22 drlg rpts/wcr	4301931510	03/28/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
 Compliance File

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
2. NAME OF OPERATOR: Wind River II Corporation		8. WELL NAME and NUMBER: <u>14-17-16-28</u> Three Pines 14-1570-28
3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd. #110 CITY Salt Lake City STATE UT ZIP 84106		9. API NUMBER: 4301931457
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SESW 17 16S 23E S</u>		COUNTY: <u>Grand</u> STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly Drilling Status Reports were filed previously. The completion of this well has been suspended waiting on pipeline access. A completion report will be filed as soon as the data from the completion is available.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>2/12/2008</u>

(This space for State use only)

RECEIVED
FEB 15 2008

DIV. OF OIL, GAS & MINING

**NOTICE OF LATE REPORTING
DRILLING & COMPLETION INFORMATION**

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.

- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: WIND RIVER II CORP. Today's Date: 06/27/2008

Well:	API Number:	Drilling Commenced:
THREE PINES 14-17-16-23	165 23E 17 4301931457	11/14/2005
SNOWSHOE 4-15-16-22	4301931510	03/28/2007

List Attached

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please contact Rachel Medina
at (801) 538-5260.

cc: Well File
Compliance File

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Wind River II Corporation Account: N2895 Today's Date: 10/23/2008

Problems:

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: _____

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

To avoid compliance action, these reporting problems should be resolved within 7 days.

Send reports to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

17 165 23e

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	Three Pines 14-17-16-23 Snowshoe 4-15-16-22 <input checked="" type="checkbox"/> List Attached	4301931457 4301931510	11/14/2005 03/28/2007

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File
RAM
Well File
CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
2. NAME OF OPERATOR: Wind River II Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd, St 110 CITY Salt Lake City STATE UT ZIP 84106		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
PHONE NUMBER: (801) 466-4131		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' fsl & 2,293' fwl		9. API NUMBER: 4301931457
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Grand		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly Drilling Status Reports were filed previously. The completion of this well was suspended waiting on pipeline access, which was completed in October 2008. Fencing around the reserve pit was repaired. We have made arrangements for reclamation of the pit. A completion report will be filed as soon as the data from the completion is available. PBTD of this well is 9270'.

NAME (PLEASE PRINT) Richard L. Christiansen	TITLE VP Engineering
SIGNATURE <i>Richard L. Christiansen</i>	DATE 10/31/2008

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NOV 03 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Three Pines 14-17-16-23	
2. NAME OF OPERATOR: Wind River II Corporation		9. API NUMBER: 4301931457
3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd., #110 CITY Salt Lake City STATE UT ZIP 84106	PHONE NUMBER: (801) 466-4131	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' fsl & 2,293' fwl		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No change in status from previously submitted status reports. Well will be completed when gas prices justify the expense. At the current price of \$2.46/Mcf it is not prudent to perform the expensive Mancos Shale completion planned for this well.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>6/11/2009</u>

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
2. NAME OF OPERATOR: Wind River II Corporation		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd #110 CITY Salt Lake City STATE UT ZIP 84106		9. API NUMBER: 4301931457
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Status Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No change from previous report. Well will be completed when justified by gas prices.

RECEIVED
MAR 16 2010
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE <u><i>Marc T. Eckels</i></u>	DATE <u>3/16/2010</u>

(This space for State use only)

Bob

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML 47572

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Rock Spring Unit

8. WELL NAME and NUMBER:
Three Pines 14-17-16-23

9. API NUMBER:
4301931457

10. FIELD AND POOL, OR WILDCAT:
Wildcat

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Wind River II Corporation

3. ADDRESS OF OPERATOR:
1245 E Brickyard Rd #110 CITY Salt Lake City STATE UT ZIP 84106

PHONE NUMBER:
(801) 466-4131

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 760' FSL & 2,293' FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S

COUNTY: Grand

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Status Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No change from previous report. Well will be completed when justified by gas prices.

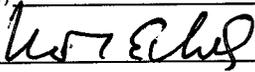
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MAR 16 2010

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Marc T. Eckels

TITLE Vice President

SIGNATURE 

DATE 3/16/2010

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML 47572

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
Rock Spring Unit (State)

8. WELL NAME and NUMBER:
Three Pines 14-17-16-23

2. NAME OF OPERATOR:
Wind River II Corporation

9. API NUMBER:
4301931457

3. ADDRESS OF OPERATOR:
1245 E. Brickyard Road CITY **Salt Lake City** STATE **UT** ZIP **84106**

PHONE NUMBER:
(801) 466-4131

10. FIELD AND POOL, OR WILDCAT
Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **760' FSL & 2,293' FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **same**
AT TOTAL DEPTH: **same**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SESW 17 16S 23E S

12. COUNTY **Grand** 13. STATE **UTAH**

14. DATE SPUDDED: **11/16/2005** 15. DATE T.D. REACHED: **12/17/2005** 16. DATE COMPLETED: **3/7/10**

17. ELEVATIONS (DF, RKB, RT, GL):
GL=7,827'

18. TOTAL DEPTH: MD **10,790**
TVD **10,790**

19. PLUG BACK T.D.: MD **10,420**
TVD **10,420**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD **9,270**
PLUG SET: TVD **9,270**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
DIL/CNL/GR/SP/Spectral GR/BHC Sonic/Dipole Sonic (processed)/Cal/CBL

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/R.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4"	9-5/8" J-55	36.0	0	3,523		HalLite 630	202	Surf.-CIR	
						Type V 250	53		
7-7/8"	5-1/2" P-11	17.0	0	10,495	4,788	50Pozz 870	259	3,284-CBL	
						HIFV 310	213		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None								

28. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wingate	10,144	10,399	10,144	10,399
(B) Entrada	9,611	9,801	9,611	9,801
(C) Cedar Mountain	8,941	9,163	8,941	9,163
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10,175 10,192	23gm	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
9,629 9,657	23gm	113	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
8,994 9,032	23 gm	153	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
Wingate	Tested wet. Set CIBP @ 10,125'.
Entrada	Tested wet with some gas. Set CIBP @ 9,270'.
Cedar Mountain	Tested wet with gas. May perform additional testing

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
TA

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AUG 09 2011

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

None

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
SEE ATTACHED SHEET				SEE ATTACHED SHEET	

35. ADDITIONAL REMARKS (Include plugging procedure)

Completion is not finished. This report will be amended upon completion.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Marc T. Eckels TITLE Vice President
 SIGNATURE  DATE 8/4/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

33. Summary of Porous Zones

No aquifers were recognized during drilling.

Three Pines 14-17 Gas Shows & Lost Circulation

Formation	Depth	Show (U)	Drilling Break
Mesaverde	3610-3740	20/69/20	yes
	3949-4840	up to 2565	multiple
	4,980	no	lost circulation
	5,615	no	lost circulation
Mancos	6330-60	120/507/120	no
	6635-8700	300/6681/1000	multiple
Dakota Silt	8816-24	170/1180/160	yes
	8860-64	170/615/190	?
Cedar Mtn	8983-93	60/234/80	?
	9072-76	100/163/?	?
Morrison	9350-64	100/143/40	yes
	9398-9401	40/151/60	
	9421-38	70/170/70	yes
Entrada	9588-92	70/322/60	yes
	9634-36	70/197/80	yes
	9660-68	70/154/60	yes
	9832-43	40/114/30	yes
Carmel	9956-66	70/123/50	yes
Wingate/Chinle	10,454-62	40/149/60	yes
Chinle	10,626-36	37/77/77	yes

34. Formation (Log) Markers

Three Pines 14-17-16-23 Log Tops

Depths are from Schlumberger Platform Express Triple Combo dated 12-18-05, except as noted.

Wasatch	1654 (Mud Log)
Mesaverde	3178 (Mud Log)
Neslen	4281
Upper Sego SS	4806
Lower Sego SS	4920
Castlegate	5062
Mancos Shale	5330
Mancos "B"	5786
Dakota Silt	8755
Dakota SS	8843
Cedar Mountain	8941
Morrison	9163
Summerville	9540
Curtis	9574
Entrada	9611
Carmel	9801
Kayenta	9969
Wingate	10,144
Chinle	10,399
Basement	10,620
TD	10,790

***XRD and SEM Evaluation of
Selected Sidewall Cores
- Three Pines 14-17-16-23 Well, Grand County, Utah -***

Prepared for:

**Wind River Resources
PO Box 1540
Park City, UT 84060**

Attention:

Mr. Marc Eckels

**TR06-810142
May 2006**

***XRD and SEM Evaluation of
Selected Sidewall Cores
- Three Pines 14-17-16-23 Well, Grand County, Utah -***

Prepared for:

**Wind River Resources
PO Box 1540
Park City, UT 84060**

Attention:

Mr. Marc Eckels

Prepared by:

**TerraTek, Inc.
1935 S. Fremont Drive
Salt Lake City, Utah 84104**

**TR06-810142
May 2006**

Table of Contents

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1.2	SEM Procedures	3
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2.2	Dakota Sandstone.....	4
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1935 S. Fremont Drive • Salt Lake City, Utah 84104
Telephone (801) 584-2400
FAX (801) 584-2406

SEM / XRD ANALYSIS

1 Introduction & Procedures

The following technical report presents results of petrologic analyses conducted on samples from the Mancos Shale, Dakota, Entrada and Wingate Sandstones, and the Chinle Formation recovered from Wind River's Three Pines 14-17-16-23 well. Petrologic evaluation consisted of bulk and clay x-ray diffraction analysis, and high-magnification imaging using a scanning electron microscope (SEM) with concurrent elemental (EDX) analysis to illustrate authigenic minerals, clay morphology and composition, and porosity distribution. Annotated, digital SEM images are presented in the attached Appendix.

Table 1. List of SEM Samples

Sample No.	Sample Depth	Formation	Lithology	XRD Analysis	SEM/EDX Analysis
4	7780.9 ft	Mancos Shale	Siltstone – vf sandstone	✓	✓
MC	composite	Mancos Shale	Siltstone – vf sandstone		✓
19	9002.0 ft	Dakota Sandstone	Fine sandstone	✓	✓
17	9642.0 ft	Entrada Sandstone	Fine – med sandstone	✓	✓
10	10,186.0 ft	Wingate Sandstone	Fine sandstone	✓	✓
15	10,543.0 ft	Chinle	Muddy limestone	✓	✓
Total				5*	6

*Ten additional samples not included in this table were analyzed by XRD, making a total of 15 XRD tests run. See tables 3 and 4 for results.

1.1 X-ray Diffraction (XRD) Procedures

Semi-quantitative XRD Analysis of Bulk Samples: Representative splits of the selected bulk samples are ground using a McCrone micronizing mill and backloaded into aluminum sample holders. The powdered samples are analyzed with a Rigaku Ultima III X-ray diffractometer from 2 to 66 degrees two-theta (2θ) using Cu K-alpha radiation and various slit and filter geometries. The raw data is interpreted using JADE software which identifies the mineralogy based on peak profile fitting and whole pattern fitting methods. This analysis yields semi-quantitative analysis of the whole rock and best characterizes overall mineralogy and amount of clay in the bulk sample.

The percent expandability is the total amount of swelling clay in the whole rock sample and is determined from amount of discrete smectite and interlayered smectite in mixed-layer clays and how much of these clays are in the whole rock sample. For example, a bulk sample with 25 percent mixed-layer illite-smectite which is composed of 20 percent interlayered smectite is approximately 5 percent expandable.

Semi-quantitative XRD Analysis of Clay Mineralogy: Bulk samples are crushed and



disaggregated to obtain a sample less than 4 microns, decanted and centrifuged. Resulting slurries are sedimented with acetone on glass slides as randomly oriented mounts, and scanned after air-drying and vapor glycolation treatments. Clay minerals are identified and their approximate weight percentages are determined by comparison with mixtures of standard clay minerals in known percentages. XRD analysis of the clay size fraction yields the relative abundance of the clay minerals and determines the amount of expandability (amount of swelling clay) in the mixed-layer clays. The amount of interlayered smectite (swelling clay) in mixed-layer layers is used to determine the percent expandability of whole rock samples.

1.2 SEM Procedures

A small, freshly broken portion of each sample was mounted on a standard SEM mount and sputter-coated with gold for approximately 60 seconds. The samples were then placed in a Leo 440 scanning electron microscope equipped with an Oxford energy dispersive x-ray spectrometer (EDX), examined, and imaged at a range of magnification to document the morphology of the rock fabric and the pore system. Potentially hazardous clays, such as smectite, expandable illite/smectite and chlorite, were identified wherever possible.

2 Scanning Electron Microscopy (SEM)

2.1 Mancos Shale

Samples 4 (7780.9 ft) and MC (composite, depth unknown) from the Mancos Shale are *well cemented siltstones to very fine sandstones* containing significant amounts of mixed clays as intergranular cement. In addition, altered grains are another source of clays (SEM Plate 2). Framework grains are subrounded quartz, feldspar, and calcareous particles. Quartz grains often exhibit overgrowths (SEM Plate 1). Calcite is common both as grains replacements and as microcrystalline cement in pores.

Interstitial matrix acts as cement in Mancos siltstones/sandstones, comprising detrital clays, microcrystalline silica, and calcite. Illite is the predominant clay species according to XRD (Sample 4). Lesser amounts of mixed layer illite/smectite, chlorite, and trace amounts of kaolinite are also present. Whole view as well as spot EDX confirm these observations. Calcite occurs as euhedral to subhedral microcrystals (SEM Plates 4 and 5), whereas quartz forms granular patches (SEM Plate 1) or clusters of tiny microcrystals (SEM Plates 4 and 5).

Images from the composite Mancos sample (Sample MC) illustrate the development of microporosity in matrix materials. The mixture of clays, quartz, and minor calcite that fills intergranular pores in this rock hosts a system of micron-sized voids which could constitute significant porosity (SEM Plate 5). TRA analysis, in fact, shows good gas-filled porosity in a composite Mancos sample, although permeability is limited. No identifiable organic material was noted in the SEM samples examined.



2.2 Dakota Sandstone

The Dakota sample examined is a *fine sandstone* consisting of rounded to well rounded quartz grains and altered feldspars. Grain alteration is complete in some potassium feldspars, leaving clusters of kaolinite at grain sites (SEM Plate 7). Quartz is the predominant secondary cement, forming subhedral microcrystals which coat quartz grains (SEM Plate 6) and partially fill intergranular voids. Authigenic potassium feldspar is noted as small crystals scattered throughout the sample.

XRD analysis identifies illite/smectite, illite, kaolinite and chlorite, in order of decreasing abundance. Illite and I/S form a second generation of pore-lining cement. SEM reveals typical bridging and fibrous morphologies (SEM Plate 7). A portion of clays present are likely trapped in authigenic cements (Plate 6). Kaolinite observed in XRD reflects the altered feldspar grains referenced above. Intervals in which the Dakota Sandstone is heavily coated with clays will likely show increased resistivity in well logs.

Primary porosity persists in spite of cementation, due in part to the relatively large grain size (SEM Plate 7). The sample hosts a system of partly occluded, moderately interconnected, intergranular pores typically 10-50 microns in size. A smaller class of micropores comprises intercrystalline and clay-hosted voids 0.3-2 microns in size (SEM Plate 7).

The relatively large amount of mixed layer illite/smectite recognized by XRD (11%) combined with a measured expandability of 30% (30% smectite layers) results in about 3% total expandable clays in the sample. Although the sample examined under SEM did not show appreciable visible amounts of I/S, XRD results point to a possible sensitivity issue with fresh water.

2.3 Entrada Sandstone

One small cutting sample of Entrada Sandstone was examined for this study. The piece was too small to cut for a fresh surface, and the orientation is unknown. Nevertheless, it is apparent that the sample can be classified as a well-cemented, *fine to medium sandstone* (SEM Plate 9). Framework grains are dominated by subangular to rounded quartz, but substantial feldspar grains are also present.

The network of primary pores is almost completely occluded in this sample. Intergranular pore space is packed with a mixture of clays and authigenic cements. Secondary cements noted in spot EDX analyses include feldspars of varying composition, and a combination of detrital and pore-lining clays (SEM Plate 10).

Mixed layer illite/smectite is identified as the predominant clay species by XRD analysis, accompanied by lesser amounts of illite, chlorite, and kaolinite. As in the Dakota, the Entrada has a large amount of mixed layer illite/smectite (28% in Sample 17). The measured expandability in these clays is 20-30%, resulting in up to 8% total expandable clays in the sample. Smectite expands in the presence of fresh water, potentially blocking pores to fluid passage. Overall, *fresh water sensitivity is high* in this reservoir.



2.4 Wingate Sandstone

Quartz and feldspars in several states of decomposition make up the framework of the Wingate Sandstone sample (SEM Plates 11 and 12). In general, well-rounded silt to fine sand grains are held in point and tangential contact, and are coated with concentric layers of illite/smectite clay (SEM Plate 11). Semi-circular patches surrounded by webs and tentacles of I/S mark areas where quartz grains were in contact (SEM Plate 12: c). The sample examined for SEM seems to contain more than the 5% total clay revealed by XRD analysis. All of the clay present is identified as illite/smectite, both in XRD and by visual and EDX determination (SEM Plate 12). However, the I/S present is <5% expandable, so that expandable clay makes up only a trace of the rock's weight. The Wingate is another example of sandstone in which clay coatings may produce anomalous log readings (i.e. low resistivity).

Porosity is of several types. Primary intergranular pores are large and interconnected, but lined with layers of authigenic clay cement. These are the most common, and volumetrically the most significant pore types. Smaller intercrystalline micropores are hosted by clays, and contribute only slightly to overall porosity. A small amount of intragranular porosity is noted in dissolved or etched feldspar grains.

Although swelling clay is not likely to be an issue in the Wingate, the delicate clay threads or flakes that form grain coatings can dislodge when exposed to fluid flow, potentially blocking pore space. Therefore, fines migration should be considered in this formation.

2.5 Chinle Formation

The Chinle sample is heterogeneous, consisting in part of highly recrystallized limestone with variable grain size, and in part of muddy limestone with calcite and a few silt grains. Calcite is the major constituent in both types, with calcite-replaced grains and microcrystalline cement both common in muddy limestone (SEM Plate 15). Calcite crystals and matrix are tightly packed, and in the case of recrystallized limestone, interlocking (SEM Plate 14). XRD shows a low clay content (9%), most of which is visible as detrital flakes admixed with calcite forming the matrix of muddy limestone (SEM Plate 15). Porosity and permeability in this sample from the Chinle are extremely limited.

2.6 SEM Summary

The following summary table presents major findings from SEM analysis of the six selected samples. This table, along with the images provided in the attached appendix, effectively characterize and summarize texture, porosity and authigenic mineralogy in the sample suite.



Table 2. SEM Analysis Summary

Sample ID	Sample 4	Sample MC	Sample 19	Sample 17	Sample 10	Sample 15
Depth (ft)	7518.0	Composite	9002.0	9642.0	10,186.0	10,543.0
Formation	Mancos Shale	Mancos Shale	Dakota Sandstone	Entrada Sandstone	Wingate Sandstone	Chinle
Lithology/Texture	Siltstone – very fine sandstone	Siltstone – very fine sandstone	Fine sandstone	Fine-med sandstone	Fine sandstone	Muddy limestone
Dominant Clays	IL & I/S, minor CHL	II & I/S	I/S + minor IL, K, and CHL	Abundant clays, mainly I/S	I/S (low expandability)	II & I/S, mainly detrital
Detrital Grain Composition	Quartz, minor feldspar, calcite-replaced grains	Quartz and feldspar	Quartz and feldspar	Quartz and feldspar	Quartz and feldspar	Rare silt and calcite grains
Dominant Authigenic Cements	Clays, calcite, microcrystalline silica	Clays, calcite, microcrystalline silica	Silica, clays (I/S dominant), feldspar	Clay and feldspar	Clay grain coatings	Recrystallized calcite predominant
Accessories and Organic Components	None observed	None observed	None observed	None observed	None observed	None observed
Porosity	Remnant intergranular ; intercrystalline microporosity	Minimal intercrystalline microporosity	Reduced intergranular porosity; intercrystalline microporosity	Minimal: clay and authigenic feldspar fill intergranular pores	Good intergranular porosity with clay pore linings; dissolution porosity	Sparse intercrystalline micropores
Reservoir Sensitivity	Possible expandable clay issues	Possible expandable clay issues	Possible expandable clay issues	Expandable clays	Migration of fines from pore-lining clays	Non-reservoir
SEM Comments	Matrix microporosity, partial grain dissolution	Matrix hosts microporosity; slightly siliceous, possible reservoir	Quartz coated grains, silica and clay cements, feldspar altered to kaolinite	Mixed clay/feldspar cement; reduced porosity	Multiple layers grain-coating I/S; dissolved grains; low clay expandability	Tight; mixed clay & calcite matrix in muddy portions



3 X-Ray Diffraction (XRD) Results

The XRD tables provided in Tables 3 and 4 show results of semi-quantitative x-ray diffraction analysis for 15 sidewall core samples. Table 3 lists the bulk, or whole-rock, mineralogy in relative weight percent and is the best representation of overall reservoir mineralogy. Table 4 presents results of analyses of the clay size fraction (<4 microns). A few additional comments follow:

- ✓ Illite and illite/smectite are the dominant clay species in all samples.
- ✓ The expandability of mixed layer illite/smectite varies from <5% in the deeper sandstones and limestones to 30% in the Dakota. One Dakota sample (Sample 20, 8962.0 ft) contains chlorite smectite with 50% expandability.
- ✓ Kaolinite and chlorite are present in small amounts in the Cretaceous samples, and in the Entrada Sandstone.
- ✓ Carbonaceous material cannot be accurately detected by XRD because of typically poor crystallinity.



Table 3. Whole Rock (Bulk) XRD Analysis

SAMPLE ID	MC-1	25	4	22	21	20	19	18	17	13	12	11	10	9	8	15
DEPTH (FT)	combo	7518.0	7780.9	8761.0	8772.0	8962.0	9002.0	9019.0	9642.0	9661.0	9682.0	9796.0	10186.0	10274.0	10330.0	10543.0
FORMATION	Mancos	Mancos	Mancos	Dakota	Dakota	Dakota	Dakota	Dakota	Entrada	Entrada	Entrada	Entrada	Wingate	Wingate	Wingate	Chinie
QUARTZ	49	35	57	66	65	73	64	91	39	83	84	87	85	87	82	25
K-FELDSPAR	1	0	6	1	5	0	7	0	7	3	3	3	6	5	7	2
PLAGIOCLASE	7	6	4	4	3	0	2	0	7	3	4	2	2	2	2	0
CALCITE	11	18	10	1	4	tr	tr	7	1	1	2	2	1	2	1	64
ANKERITE/FE-DOLOMITE	2	2	0	1	1	0	tr	0	0	1	0	0	0	0	0	0
DOLOMITE	4	7	0	tr	0	0	tr	0	1	3	1	1	1	0	tr	tr
PYRITE	2	2	6	1	1	tr	1	0	1	0	0	0	0	0	tr	0
TOTAL	76	70	83	74	79	73	74	98	56	94	94	95	95	96	92	91
ILLITE/SMECTITE (I/S)	7	8	5	8	8	13	11	0	28	3	2	1	5	3	6	4
ILLITE+MICA	15	18	10	13	8	1	9	1	8	3	4	4	0	1	2	5
KAOLINITE	0	2	tr	3	1	9	4	tr	3	0	0	0	0	0	0	tr
CHLORITE*	2	2	2	2	4	4	2	1	5	tr	0	0	0	0	tr	0
TOTAL	24	30	17	26	21	27	26	2	44	6	6	5	5	4	8	9
GRAND TOTAL	100															

RELATIVE CLAY ABUNDANCE IN BULK SAMPLE

	10-25	10-25	10-20	20-30	20-30	15	30		20-30	<5	<5	<5	<5	<5	<5	<5
% I/S Expandability						50										
% C/S Expandability																
ILLITE/SMECTITE (I/S)	29	27	29	31	38	48	42	0	64	50	33	20	100	75	75	44
ILLITE	63	60	59	50	38	4	35	50	18	50	67	80	0	25	25	56
KAOLINITE	0	7	0	12	5	33	15	0	7	0	0	0	0	0	0	0
CHLORITE*	8	7	12	8	19	15	8	50	11	0	0	0	0	0	0	0
TOTAL	100															
TOTAL EXP. CLAY	2	2	1	2	2	4	3	0	8	tr						

*includes mixed-layer chlorite-smectite (C/S) in Sample 20 (8962 ft)

tr = trace amounts



Table 4. Clay Fraction (<4 microns) XRD Analysis

RELATIVE CLAY ABUNDANCE (LESS THAN 4 MICRON SIZE FRACTION)

SAMPLE ID	MC-1	25	4	22	21	20	19	18	17	13	12	11	10	9	8	15
DEPTH (FT)	combo	7518.0	7780.9	8761.0	8772.0	8962.0	9002.0	9019.0	9642.0	9661.0	9682.0	9796.0	10186.0	10274.0	10330.0	10543.0
FORMATION	Mancos	Mancos	Mancos	Dakota	Dakota	Dakota	Dakota	Dakota	Entrada	Entrada	Entrada	Entrada	Wingate	Wingate	Wingate	Chinle
% I/S Expandability	10-25	10-25	10-20	20-30	20-30	15	30		20-30	<5	<5	<5	<5	<5	<5	<5
% C/S Expandability*						50										
ILLITE/SMECTITE (I/S)	55	49	62	58	54	15	66	0	65	0	0	0	0	0	0	0
ILLITE	35	40	24	16	20	5	11	0	16	100	100	100	100	100	100	100
KAOLINITE	4	3	4	6	6	64	7	18	12	0	0	0	0	0	0	0
CHLORITE/SMECTITE (C/S)	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0
CHLORITE	6	8	10	20	20	0	16	82	7	0	0	0	0	0	0	0
TOTAL	100															

*Ordered, mixed-layer chlorite-smectite with 50% chlorite and 50% smectite interlayers (corrensites).





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 20, 2011

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1489

Mr. Mark Eckels
Wind River II Corporation
1245 E Brickyard Rd #1110
Salt Lake City, UT 84106

43 019 31457
Three Pines 14-17-16-23
16S 23E 17

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Eckels:

As of January 2011, Wind River II Corporation has three (3) State Lease Wells (see Attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



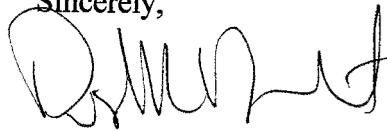
Page 2
Wind River II Corporation
September 20, 2011

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File
LaVonne Garrison, SITLA

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ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
→ 1	THREE PINES 14-17-16-23	43-019-31457	ML-47572	5 Years 2 Months
2	SNOWSHOE 4-15-16-22	43-019-31510	ML-47566	3 Years 10 Months
3	KELLY CYN 10-8-16-22	43-019-31458	ML-47564	1 Year 3 Months

RECEIVED
SEP 23 2011
DIV. OF OIL, GAS & MINING

ENTITY ACTION FORM

Operator: Wind River II Corporation
Address: 1245 East Brickyard Road, Suite 110
city Salt Lake City
state UT zip 84106

Operator Account Number: N 2895

Phone Number: (801) 466-4131

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931457	Three Pines 14-17-16-23		sesw	17	16S	23E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	15072	15072	11/16/2005			3/7/2006 ✓	
Comments: Change formation(s) to WECM (Wingate, Entrada & Cedar Mountain)							9/27/11

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Marc T. Eckels

Name (Please Print)

Marc T. Eckels

Signature

Vice President

9/22/2011

Title

Date



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 18, 2012

CERTIFIED MAIL NO.: 7010 1670 0001 4810 3546

Mr. Mark Eckels
Wind River II Corporation
1245 E Brickyard Rd #210
Salt Lake City, UT 84106

43 019 31457
Three Pines 14-17-16-23
16S 23E 17

Subject: **Second Notice: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases**

Dear Mr. Eckels:

As of January 2012, Wind River II Corporation (Wind River) has three (3) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Utah Division of Oil, Gas and Mining (Division) wishes to inform Wind River that these wells have previously been noticed via certified mail, dated September 20, 2011. To date, the Division has not received any documentation nor seen any efforts being made to move this well out of non-compliance status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



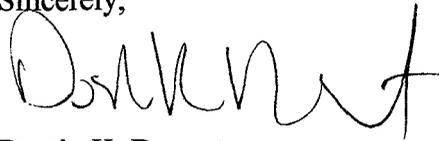
Page 2
Wind River II Corporation
October 18, 2012

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well Files
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
→ 1	THREE PINES 14-17-16-23	43-019-31457	ML-47572	6 Years 2 Months
2	SNOWSHOE 4-15-16-22	43-019-31510	ML-47566	4 Years 10 Months
3	KELLY CYN 10-8-16-22	43-019-31458	ML-47564	2 Year 3 Months

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
2. NAME OF OPERATOR: WIND RIVER II CORPORATION	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106	7. UNIT or CA AGREEMENT NAME: ROCK SPRING
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
PHONE NUMBER: 801 466-4131 Ext	9. API NUMBER: 43019314570000
9. FIELD and POOL or WILDCAT: WILDCAT	COUNTY: GRAND
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/20/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This Sundry Notice is in response to a letter from Dustin Doucet, dated 10-18-2012. See attached file and Completion Report on file for information.

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: January 15, 2013

By: *Dustin Doucet*

NAME (PLEASE PRINT) Marc Eckels	PHONE NUMBER 435 901-4217	TITLE Agent
SIGNATURE N/A	DATE 11/20/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43019314570000

Insufficient information provided to approve request. Proof of integrity was not provided. Within 30 days the following information should be gathered and submitted: Production casing pressure, surface casing Pressure, Fluid Level measurement. Alternatively a series of pressures gathered since 2006 showing a static state could be submitted or a Mechanical Integrity Test could be conducted. If this information cannot be obtained in the timeframe indicated , then an explanation as to why it can't be obtained and when it will be possible to obtain the required information should be submitted.

Wind River II Corporation
Three Pines 14-17-16-23

12.

Wind River II Corporation requests permission to extend the Temporarily Abandoned (TA) status of this well. The well was drilled as a rank wildcat to the crystalline basement at 10,790' in November and December of 2005. It was the first well drilled within WRII's 40 sq. mi. Rock Spring 3D seismic survey area. Sidewall cores were taken from multiple formations and Dipole Sonic and Spectral Gamma Ray logs were run in addition to the normal suite.

Completions were attempted in the Wingate, Entrada and Cedar Mountain sands during the first quarter of 2006. The Wingate proved wet and was isolated below a cast iron bridge plug at 10,125. The Entrada also proved wet and was isolated under a cast iron bridge plug at 9,270'. The Cedar Mountain produced significant gas volumes, but accompanied by too much water to allow a commercial completion. After recovering a total of 411 bbl of water from swabbing and intermittently flowing the well, the completion attempt was suspended.

The future of this well is in the completion of the Mancos Shale. A completion procedure for a large slickwater frac has been prepared, but the cost cannot be justified in the current +/- \$3.50/Mcfg price environment. WRII is studying its option. Thermal maturity tests are being performed on samples from the well to determine the probable nature of Mancos production (whether dry gas, wet gas or liquids) in light of surprisingly wet results from samples being tested to the northeast as part of the Mancos Shale study. It is hoped that gas prices will allow a completion to proceed during the spring-summer of 2013.

Attached to this Sundry Notice are:

- A copy of the Completion Report for your convenience
- Wellbore Diagram
- CBL Header and copy of intervals showing top of cement.

Please note that cement was circulated to the surface during the surface casing cement job. The top of cement for the production casing indicated on the CBL is 3,278', which is 255' above the surface casing shoe.

There is currently no tubing in the well, as it was moved to another well.

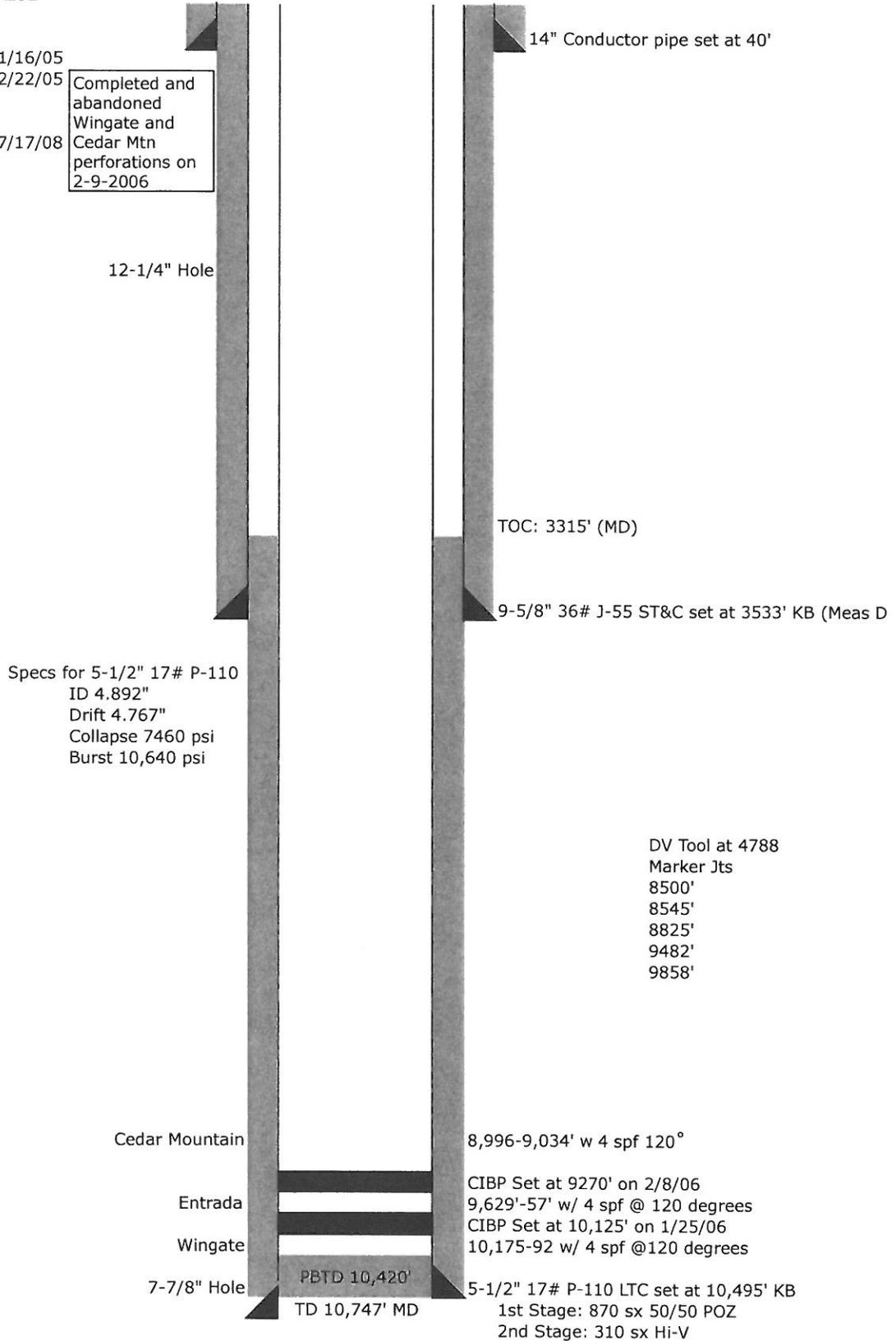
At the end of the Cedar Mountain completion attempt (March 2006) the casing pressure was 370 psi with a fluid level of 4,000'. The fluid in the well is water produced from the Cedar Mountain.

Three Pines 14-17-16-23

SESW Sec 17-T16S-R23E
Grand County, UT

Spud 11/16/05
Rig Release Completed 12/22/05
Last Mod (by RLC) 7/17/08

Completed and abandoned Wingate and Cedar Mtn perforations on 2-9-2006



14" Conductor pipe set at 40'

TOC: 3315' (MD)

9-5/8" 36# J-55 ST&C set at 3533' KB (Meas D)

Specs for 5-1/2" 17# P-110
ID 4.892"
Drift 4.767"
Collapse 7460 psi
Burst 10,640 psi

DV Tool at 4788
Marker Jts
8500'
8545'
8825'
9482'
9858'

Cedar Mountain

8,996-9,034' w 4 spf 120°

Entrada

CIBP Set at 9270' on 2/8/06

9,629'-57' w/ 4 spf @ 120 degrees

Wingate

CIBP Set at 10,125' on 1/25/06

10,175-92 w/ 4 spf @120 degrees

7-7/8" Hole

PBTD 10,420'

5-1/2" 17# P-110 LTC set at 10,495' KB
1st Stage: 870 sx 50/50 POZ
2nd Stage: 310 sx Hi-V

TD 10,747' MD



Acoustic Cement Bond
Gamma Ray / CCL

Company Wind River II Corp.
Well Three Pines 14-17-16-23
Field Rock Spring Unit
County Grand
State Utah

Company Wind River II Corporation
Well Three Pines 14-17-16-23
Field Rock Spring Unit
County Grand State Utah

Location
790' FSL & 2293' FWL

Section 17	Township 16S	Range 23E	Elevation
Permanent Datum	Ground Level	Elevation	7827
Log Measured From	Kelly Bushing or 20' AGL		K.B. 7847
Drilling Measured From	Kelly Bushing		D.F. 7827
			G.L. 7827

Date	1-19-06		
Run Number	One		
Total Depth Driller	10747		
Present Depth Driller	10448		
Total Depth OWP	10420		
Bottom Logged Interval	10412		
Top Logged Interval	3000		
Truck Number	561		
Location	Vernal, UT		
Fluid Type in Hole	Water		
Salinity PPMC Cl	NA		
Weight lb/gal	8.5		
Fluid Level	800		
Max. Hole Temp	230 F		
Recorded By	Holwegner		
Witnessed By	Mr. Fernando Ortega		
Witnessed By			

	Borehole Record		Tubing Record	
	Bit	From	To	Size
Run Number	7-7/8"	3525	10747	
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9-5/8"	36	Surface	3525
Prot. String				
Production String	5-1/2"	17	Surface	10495
Liner				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

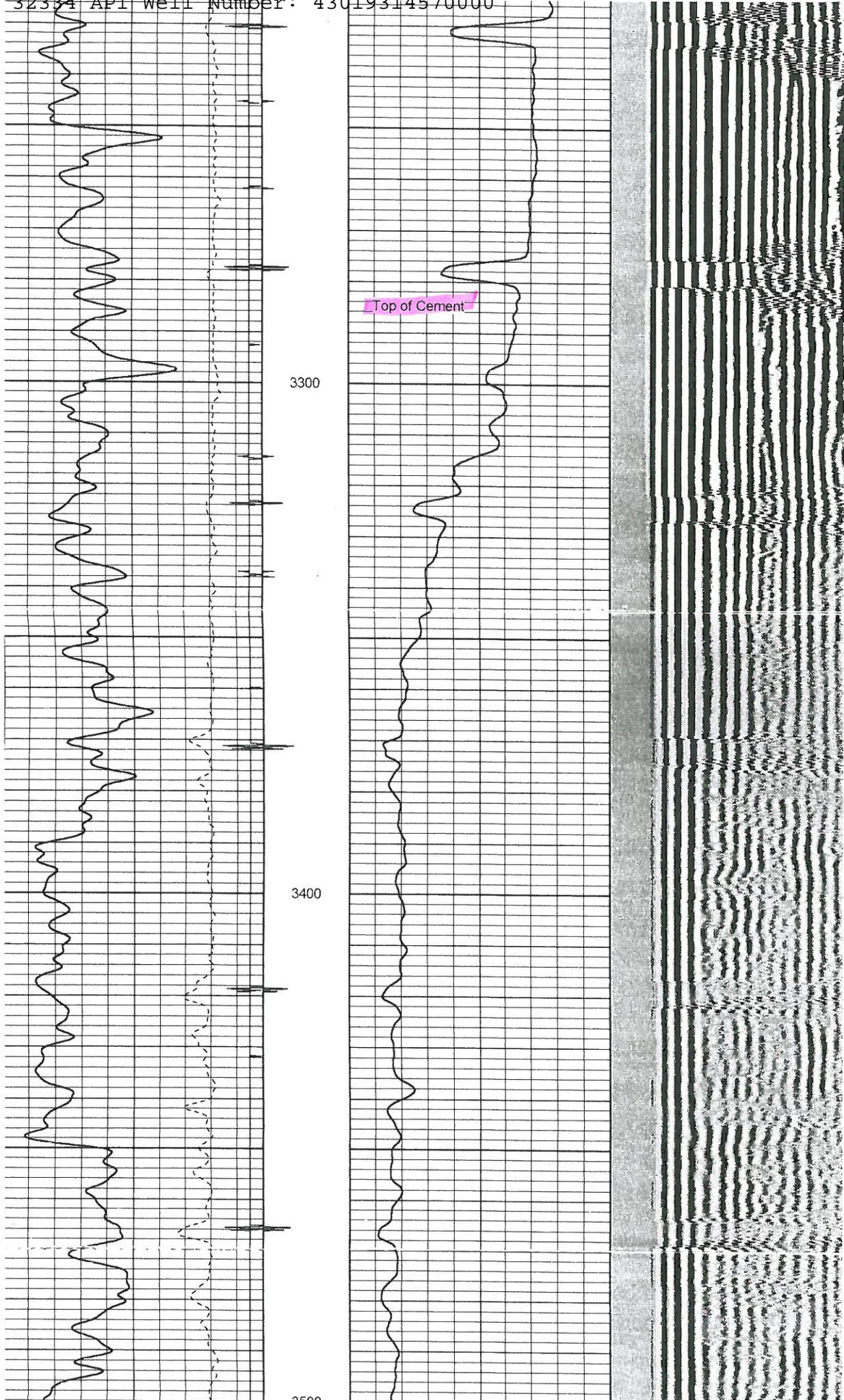
Comments

No Open Hole logs on location for correlation.
Main pass logged with 0 PSI held on casing. Fluid level at 800'.

Your OWP crew of Dale Jeski, Bill Dowden, Tim Reese, and Tod Holwegner thanks you.



Main Pass 0 PSI



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

10/7/2013

FROM: (Old Operator): N2895-WIND RIVER II CORPORATION 1245 E BRICKYARD RD, STE 110 SALT LAKE CIT UT 84106 Phone: 1 (801) 466-4131	TO: (New Operator): N3940-ANADARKO E&P ONSHORE LLC 1099 18TH STREET STE 1800 DENVER CO 80202 Phone: 1 (720) 929-6000
--	--

CA No.

Unit:

N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
KELLY CYN 10-8-16-22	8	16S	22E	4301931458	15105	STATE	GW	S
THREE PINES 14-17-16-23	17	16S	23E	4301931457	15072	STATE	GW	TA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/10/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/10/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/10/2013
- Is the new operator registered in the State of Utah: Business Number: 593715-0161
- (R649-9-2) Waste Management Plan has been received on: YES
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 10/10/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/10/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/10/2013
- Bond information entered in RBDMS on: 10/10/2013
- Fee/State wells attached to bond in RBDMS on: 10/10/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: N/A
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 22013542
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

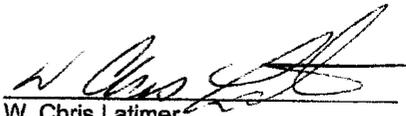
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: Rock Springs
		8. WELL NAME and NUMBER: Three Pines 14-17-16-23
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	9. API NUMBER: 4301931457	
2. NAME OF OPERATOR: WIND RIVER II CORPORATION N2895	10. FIELD AND POOL, OR WILDCAT: WILDCAT	
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 CITY Salt Lake City STATE UT ZIP 84106	PHONE NUMBER: (801) 466-4131	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 760 FSL 2293 FWL	COUNTY: GRAND	STATE: UTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E S		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 10/7/2013 Wind River II Corporation resigns as operator of the referenced well and requests that the operator be designated and referenced well transferred from Wind River II Corporation to successor Anadarko E&P Onshore, LLC

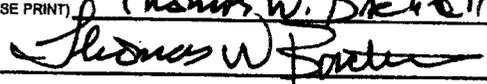
Anadarko E&P Onshore, LLC will operate the well under the approved conditions and submitted APD utilizing Utah Blanket Bond Number 22013542.


W. Chris Latimer
Agent and Attorney-in-Fact

Anadarko E&P Onshore, LLC
1099 18th Street, Suite 1000
Denver, CO 80202
720-929-6000
N3940


Thomas W. Bachtell
President

Wind River II Corporation
1245 East Brickyard Road, Suite 110
Salt Lake City, UT, 84106
801-466-4131

NAME (PLEASE PRINT) <u>Thomas W. Bachtell</u>	TITLE <u>President</u>
SIGNATURE 	DATE <u>October 7, 2013</u>

(This space for State use only, TAGW 15012)

APPROVED

RECEIVED
OCT 10 2013

DIV. OIL GAS & MINING
BY: Rachel Medina

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	7. UNIT or CA AGREEMENT NAME: ROCK SPRING
PHONE NUMBER: 720 929-6300 Ext	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	9. API NUMBER: 43019314570000
	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: GRAND
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/11/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

COFIDENTIAL. The operator requests approval to recomplete this well in the Mancos formation. Please see the attached procedure which has been reviewed by Dustin Doucet. Thank you.

Approved by the Utah Division of Oil, Gas and Mining
Date: October 11, 2013
By: *Dustin Doucet*

NAME (PLEASE PRINT) Cara Mahler	PHONE NUMBER 720 929-6029	TITLE Regulatory Analyst I
SIGNATURE N/A	DATE 10/11/2013	



Rock Springs Unit

THREE PINES 14-17-16-23
RECOMPLETION PROCEDURE
TWO STAGE MANCOS DFIT AND FRAC
FINAL DRAFT

DATE: 9/24/13
API#: 4301931457
USER ID: JVV274

COMPLETIONS ENGINEER: Ben Smiley, Vernal, UT
(435) 781-7010 (Office)
(936) 524-4231 (Cell)

REMEMBER SAFETY FIRST!

Name: Three Pines 14-17-16-23
Location: SE SW Sec 17, T16S, R23E

Grand County, UT**LAT: 39.410684 LONG: -109.404554****Date: 9/24/2013****ELEVATIONS:** 7,827' GL 7847' KB**TOTAL DEPTH:** 10,747' **PBTD:** 10,448'**SURFACE CASING:** 9 5/8", 36# K-55 ST&C @ 3,525'**PRODUCTION CASING:** 5 1/2", 17#, P-110 LT&C @ 10,495'**Marker Joints:** 8545'-8589', 8826'-8871', 9482'-9526', 9858'-9902'**DV TOOL:** 4733-4736'**WELLHEAD:** 11" 5K x 5 1/2" annulus**TUBING HEAD:** 11" 5K x 7 1/16" 10K**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5 1/2" 17# P-110	10,640	7,460	4.767"	0.0232	0.9764
2 3/8" by 5 1/2" Annulus				0.0178	0.7463

FORMATION TOPS: (Based on Schlumberger Triple Combo dated 12/18/2005)

TOP	DEPTH (MD)
MANCOS B	5,782
MN32	7,687
MN34	7,842
UPPER LBG SAND	8,058
LOWER LBG SHALE	8,281
TOP JUANA LOPEZ	8,462
DAKOTA SILT	8,752

T.O.C. @ 3271'

**Based on latest interpretation of CBL

All perforation depths are from Cutter's CBL log dated 8/28/13.

Hydraulic isolation estimated at **6671'** based on Cutter's CBL dated 1/9/06.**GENERAL:**

- **Please note that:**
 - **There are two intervals that will have DFIT's, individual stimulations, and discrete flow tests.**
 - **DFITs will be pumped in both intervals.**
 - **CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.**

Existing Perforations:

Formation	Top	Base	Status
Cedar Mountain	8,996	9,034	CIBP @ 8960 w/ 35' of cement
Entrada	9,629	9,657	CIBP @ 9,270'
Wingate	10,179	10,196	CIBP @ 10,447

Relevant History:

- 1/18/06: Drilled out DV tool @ 4778' and C/O to 10,447, POOH. RU WL and perforated 10,179'-10196' w/ 4 SPF. RIH w/ packer, land EOT, and swab tested. No gas made, POOH with tbg. Set CIBP @ 10,125'. Loaded casing with fluid but did not see fluid level when attempting to perforate next zone. Set second CIBP above original (no depth recorded).
- 1/28/06: Perforated Entrada 9629-9657'. Swab tested; no commercial gas. Set CIBP @ 9270'. Never stimulated.
- 2/9/06: Perforated Cedar Mountain @ 8996-9034'. Well started flowing back water. Attempted to swab and intermit flow for days. Never stimulated. POOH with tubing and RDMO.
- 8/27/13 RU WL and ran temperature survey from surface to 9270', set CIBP @ 8960' & dump bailed 5 sxs cement (TOC ~ 8925'). Ran CBL from 8927' to 3000'. Pressure tested 5.5" csg to 4200 psi & lost 62 psi in 10 min, bled down and reenergized packing seal around 5.5" tbg head. Pressure test to 4207 psi for 30 min & lost 34 psi. Packing in tbg head needs replaced but successful MIT witnessed by state representative Bart Kettle (cell – 435-820-0862).

PRE-JOB CONSIDERATIONS:

- Procedure calls for two separate DFIT's and two separate hydraulic fracturing treatments.
- A minimum of 7 tanks (cleaned lined 500 bbl) of fresh water will be required for individual stim treatments.

Note:

- Use biocide from Nalco in the Frac Tanks
- Use Scale Inhibitor from Nalco
- Use only fresh water in order to assure crosslinked fluid performance
- Water needs to be at least 65-75°F at pump time
- Procedure calls for two (8,000 psi) CBP's and one (12,000 psi) CBP
- 40/70 mesh White sand on all intervals
- Max Sand Concentration - 3 ppg

ON SITE CONSIDERATIONS:

- Maximum surface pressure **6550 psi**.
- If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and

below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 psi for 15 minutes and to 6550 psi for 30 minutes (specific details on remediation should be documented in OpenWells).

- Calculate and record open perforations after each breakdown.
- Flush volumes are the sum of FR water used during displacement (include scale inhibitor as mentioned above).
- Call flush at 0 PPG at inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush.
- Multiple test samples will be pulled on the fly to check crosslinked gel.
- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.

RECOMPLETION PROCEDURE:

A. MANCOS ZONE 1 DFIT

1. NU frac valves. Test frac valves and casing to 1000 psi for 15 minutes and to **6550 psi** for 30 minutes. As per standard operating procedure install steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Lock **OPEN** the Braden head valve.
2. MIRU WL. RIH with bailer and tag PBTD (CIBP and ~35' of cement at ~8925'). Dump bail 10 sxs / 8.8 cuft / 1.56 bbls of class G cement (70' worth of cement) on top of PBTD (Estimated TOC @ 8855'). POOH.

3. RIH and perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120° phasing:

Zone	From	To	spf	# of shots
MANCOS ZONE 1	8537	8538	3	3
MANCOS ZONE 1	8550	8551	3	3
MANCOS ZONE 1	8582	8583	3	3
MANCOS ZONE 1	8604	8606	3	6
MANCOS ZONE 1	8622	8623	3	3
MANCOS ZONE 1	8632	8634	3	6
MANCOS ZONE 1	8649	8651	3	6

4. RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges mid-perf at 8594'
5. Perform a DFIT test on perforations **8537'-8651'** as follows:
 - a. Dump bail acid if need to breakdown the perforations
 - b. Pump **1680 gals** (40 bbls) at **2.5 bpm** (make sure the pumping rate is **constant**).
 - c. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - d. After pumping the above volume, shut well in and monitor **for a minimum of 96 hours (4 days)** as directed by Vernal engineering.

- e. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

B. MANCOS ZONE 1 FRAC PROCEDURE

1. MIRU well testers. Spot three 500 bbl. flowback tanks. RU flowback line from frac stack wing valve through a dual manual choke manifold with bypass to the flowback tank. Test flowback lines to choke manifold to 10,000 psig for 15 minutes. RU remainder of flowback equipment including sand trap, 3-phase separator, and separate dump lines for oil and water to flowback tanks.
2. MIRU frac crew. As per standard operating procedure, confirm installation of steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Confirm Braden head valve is locked **OPEN**. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
3. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
4. Bullhead 250 gallons of 15% HCl. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1 on attached listing. Flush to top perf at 8537' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
5. Set **8000** psi CBP at ~8487'. RDMO frac company and Wireline company.
6. ND Frac Valves, MIRU, NU and Test BOPs.
7. TIH with 4 5/8" bit, pump open sub, XN and 2 & 3/8", N-80 tubing.
8. Drillout plug at 8487' and clean out to plugback at 8925'. Land tubing at ± **8507'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
9. Drop ball and pressure up on Pump Open sub. **Leave surface casing valve open**. Monitor and report any flow from surface casing. RDMO

C. MANCOS ZONE 1 FLOWBACK

1. Begin flowback on 16/64" choke through sand trap and three phase separator. Do not let well exceed flowback rate of 1.0 BPM. **Communicate all choke changes with Vernal/Denver engineering team.**
2. Flowback crew will record flowback volumes at every hour including oil rate, water rate, gas rate, tubing pressure, casing pressure, differential pressure, static pressure, and choke size. Flowback water density, water temperature, and PH values need to be recorded every 12 hours.
3. Flowback crew will assist a contact testing company in obtaining single phase oil samples in order to test API gravity, oil composition, oil biomarker, and oil viscosity.

4. Flowback crew will assist a contact testing company in obtaining single phase gas samples in order to test gas specific gravity, composition, and isotope.
5. Obtain a single phase water sample once per 48-72 hrs. for standard analysis; send properly labeled sample to Nalco Vernal Lab for full water analysis.
6. If well is not flowing, commence swabbing operations until well has established steady flow. Continue to monitor all flowback reporting during swabbing operations.
7. Continue to flowback well to obtain production data for approximately 7 days and/or Vernal/Denver engineering team discretion.

D. MANCOS ZONE 2 DFIT

1. MIRU. ND WH, NU BOP, TOH with tubing, NU frac stack.
2. MIRU WL. RIH and set **12000** psi CBP at **~8339'**
3. Perf the following with a **3-1/8" gun, 19 gm, 0.40" hole, 120° phasing:**

Zone	From	To	spf	# of shots
MANCOS ZONE 2	8153	8154	3	3
MANCOS ZONE 2	8172	8174	3	6
MANCOS ZONE 2	8189	8190	3	3
MANCOS ZONE 2	8209	8211	3	6
MANCOS ZONE 2	8224	8226	3	6
MANCOS ZONE 2	8237	8239	3	6
4. RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges mid-perf at **8196'**.
5. Perform a DFIT test on perforations **8153'-8239'** as follows:
 - a. Dump bail acid if need to breakdown the perforations
 - b. Pump **840** gals (20 bbls) at **2 bpm** (make sure the pumping rate is **constant**).
 - c. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - d. After pumping the above volume, shut well in and monitor **for a minimum of 96 hours (4 days)** as directed by Denver engineering.
 - e. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

E. MANCOS ZONE 2 FRAC PROCEDURE

1. MIRU frac crew. As per standard operating procedure, confirm installation of steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Confirm Braden head valve is locked **OPEN**. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
2. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
3. Bullhead 250 gallons of 15% HCl. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Flush to top perf at 8153' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
4. Set **8000** psi CBP at ~8103'. RDMO frac company and Wireline company.
5. ND Frac Valves, MIRU, NU and Test BOPs.
6. TIH with 4 5/8" bit, pump open sub, XN and 2 & 3/8", N-80 tubing.
7. Drillout plug at 8103' and clean out to 8344' (5' above CBP at 8349'). Land tubing at ± **8123'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
8. Drop ball and pressure up on Pump Open sub. **Leave surface casing valve open**. Monitor and report any flow from surface casing. RDMO.

F. MANCOS ZONE 2 FLOWBACK

1. Begin flowback on 16/64" choke through sand trap and three phase separator. Do not let well exceed flowback rate of 1.0 BPM. **Communicate all choke changes with Vernal/Denver engineering team.**
2. Flowback crew will record flowback volumes at every hour including oil rate, water rate, gas rate, tubing pressure, casing pressure, differential pressure, static pressure, and choke size. Flowback water density, water temperature, and PH value needs to be recorded every 12 hours.
3. Flowback crew will assist a contact testing company in obtaining single phase oil samples in order to test API gravity, oil composition, oil biomarker, and oil viscosity.
4. Flowback crew will assist a contact testing company in obtaining single phase gas samples in order to test gas specific gravity, composition, and isotope.
5. Obtain a single phase water sample once per 48-72 hrs. for standard analysis; send properly labeled sample to Nalco Vernal Lab for full water analysis.
6. If well is not flowing, commence swabbing operations until well has established steady flow. Continue to monitor all flowback reporting during swabbing operations.
7. Continue to flowback well to obtain production data for approximately 7 days and/or Vernal/Denver engineering team discretion.

G. FINAL COMINGLE PROCEDURE

1. If well is capable of economic production, shut well in and LOTO wellhead to build permanent facilities.
2. MIRU. Kill well as necessary. Unland tubing and POOH. L/D BHA.
3. TIH with 4 5/8" bit, pump off sub, XN and 2 & 3/8", N-80 tubing.
4. Drillout plug at 8349' and clean out to plugback depth at 8925'. Land tubing at ± **8125'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
5. Drop ball and pump off POBS. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO.

Key Contact Information

Completion Engineer

Ben Smiley: (435) 781-7010, (936) 524-4231

Megan Starr: (720) 929-6598, (303) 501-3111

Production Engineer

Brad Laney: (435) 781-7031, (435) 828-5469

Completion Supervisor Foreman

Jeff Samuels: (435) 828-6515, (435) 781-7046

Completion Manager

Jeff Dufresne: (720) 929-6281, (303) 241-8428

Vernal Main Office

(435) 789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: (435) 789-3342

Grand Junction St. Mary's Hospital Emergency: (970) 298-2551

Vernal Police: (435) 789-5835

Vernal Fire: (435) 789-4222

**Three Pines 14-17-16-23
Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MANCOS ZONE 1	8537	8538	3	3	8529	to	8650
	MANCOS ZONE 1	8550	8551	3	3			
	MANCOS ZONE 1							
	MANCOS ZONE 1	8582	8583	3	3			
	MANCOS ZONE 1	8604	8606	3	6			
	MANCOS ZONE 1	8622	8623	3	3			
	MANCOS ZONE 1	8632	8634	3	6			
	MANCOS ZONE 1	8649	8651	3	6			
	# of Perfs/stage				30	CBP DEPTH	8,487	
2	MANCOS ZONE 2	8153	8154	3	3	8144	to	8244
	MANCOS ZONE 2	8172	8174	3	6			
	MANCOS ZONE 2	8189	8190	3	3			
	MANCOS ZONE 2	8209	8211	3	6			
	MANCOS ZONE 2	8224	8226	3	6			
	MANCOS ZONE 2	8237	8239	3	6			
	MANCOS ZONE 2							
		# of Perfs/stage				30	CBP DEPTH	8,103
	Totals				60			Total

Total Stages	2	stages
Xlinked stages	2	stages
Total Slickwater	57,036	gallons
Total Xlinked gel	146,976	gallons
Total Flush	16,296	gallons
Total Acid	500	gallons
Total 100-mesh sand	0	lbs
Total 40/70 sand	198,700	lbs

Fracturing Schedules
Three Pines 14-17-16-23
Hybrid Frac

Copy to new book

Casing Size	5.5
Recomplete?	Y
Pad?	N
ACTS?	N
Plug back required?	Y
CBL required?	Y

Swabbing Days	6	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	2	Enter Number of DFITs
GR only	N	Enter Y if only Gamma Ray log was run
Low Scale	N	Enter Y if a LOW concentration of Scale Inhibitor will be pumped
Clay Stab.	Y	Enter N if there will be NO Clay stabilizer

Stage	Zone	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Breaker lbs	
		Top, ft.	Bot., ft.																		
1	MANCOS ZONE 1	8537	8538	3	3	Varied	Acid			Acid	250	250	6	6	0.3%					0	
	MANCOS ZONE 1	8550	8551	3	3	Varied	Load well			Slickwater	8,086	8,336	193	198	8.6%						
	MANCOS ZONE 1						50 Slickwater Pad			Slickwater	12,753	21,089	304	502	13.6%						
	MANCOS ZONE 1	8582	8583	3	3		50 Xlinked Spacer	0	0	Xlinked gel	12,503	33,592	298	800	13.3%					13	
	MANCOS ZONE 1	8604	8606	3	6		50 Xlinked gel + 0.5 ppg 40/70 sand	0.5	0.5	Xlinked gel	9,870	43,462	235	1,035	10.5%	5.0%	4,935	4,935		12	
	MANCOS ZONE 1	8622	8623	3	3		50 Xlinked gel + 1 ppg 40/70 sand	1	1	Xlinked gel	19,740	63,202	470	1,505	21.1%	20.0%	19,740	24,675		25	
	MANCOS ZONE 1	8632	8634	3	6		50 Xlinked gel + 2 ppg 40/70 sand	2	2	Xlinked gel	19,740	82,942	470	1,975	21.1%	40.0%	39,480	64,155		30	
	MANCOS ZONE 1	8649	8651	3	6		50 Xlinked gel + 3 ppg 40/70 sand	3	3	Xlinked gel	11,515	94,457	274	2,249	12.3%	35.0%	34,545	98,700		20	
	MANCOS ZONE 1						50 Flush to Top Perf			Slickwater	8,336	102,793	198	2,447						17	
	MANCOS ZONE 1																			116	
	MANCOS ZONE 1																				
		# of Perfs/stage			30									Flush depth	8,537		CBP depth	8,487		50	
						48.9	<< Above pump time (min)														
2	MANCOS ZONE 2	8153	8154	3	3	Varied	Acid			Acid	250	250	6	6	0.3%					0	
	MANCOS ZONE 2	8172	8174	3	6	Varied	Load well			Slickwater	7,711	7,961	184	190	8.2%						
	MANCOS ZONE 2	8189	8190	3	3		50 Slickwater Pad			Slickwater	12,191	20,151	290	480	13.0%						
	MANCOS ZONE 2	8209	8211	3	6		50 Xlinked Spacer	0	0	Xlinked gel	11,941	32,092	284	764	12.7%					12	
	MANCOS ZONE 2	8224	8226	3	6		50 Xlinked gel + 0.5 ppg 40/70 sand	0.5	0.5	Xlinked gel	10,000	42,092	238	1,002	10.7%	5.0%	5,000	5,000		13	
	MANCOS ZONE 2	8237	8239	3	6		50 Xlinked gel + 1 ppg 40/70 sand	1	1	Xlinked gel	20,000	62,092	476	1,478	21.3%	20.0%	20,000	25,000		25	
	MANCOS ZONE 2						50 Xlinked gel + 2 ppg 40/70 sand	2	2	Xlinked gel	20,000	82,092	476	1,955	21.3%	40.0%	40,000	65,000		30	
	MANCOS ZONE 2						50 Xlinked gel + 3 ppg 40/70 sand	3	3	Xlinked gel	11,667	93,759	278	2,232	12.4%	35.0%	35,000	100,000		20	
	MANCOS ZONE 2						50 Flush to Top Perf			Slickwater	7,961	101,720	190	2,422						16	
		# of Perfs/stage			30									Flush depth	8,153		CBP depth	8,103		50	
						48.4	<< Above pump time (min)														
	Totals				60						Total Fluid	204,512	gals	4,869	bbis		Total Sand	198,700			
						3.0	<< Total pump time (hrs)							10.8	tanks					Total Breaker	232

RECEIVED: Oct. 11, 2013

Supplied Chemicals - Job Totals

Friction Reducer	29	gals @	0.5	GPT
Surfactant	204	gals @	1.0	GPT
Clay Stabilizer	102	gals @	0.5	GPT
Biocide	82	gals @	0.40	GPT
Scale Inhibitor	202	gals @	1.00	GPT
Crosslinker	147	gals @	1.0	GPT
ph Control	37	gals @	0.3	GPT
Gelling agent	661	gals @	4.5	GPT
Breaker 1	232	gals @	1-2	PPT
Breaker 2	1	gals @	0.5	lbs in flush
Iron Control for acid	2	gals @	3.0	GPT of acid
Corrosion Inhibitor for acid	2	gals @	3.0	GPT of acid
Surfactant for acid	1	gals @	1.0	GPT of acid

Service Company Supplied Chemicals
 Third Party Chemicals

** The concentrations above are based on recent treatments performed; still, they are subject to change as per service company recommendation.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
 (highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						6. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572					
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. UNIT or CA AGREEMENT NAME					
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ LATS <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTR <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER: RECOMPLETE						8. WELL NAME and NUMBER: THREE PINES 14-17-16-23					
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE LLC						9. API NUMBER: 43-019-31457					
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE Co ZIP 82017				PHONE NUMBER: 720-929-6000		10 FIELD AND POOL, OR WILDCAT WILDCAT					
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SESW 760 FSL 2293 FWL AT TOP PRODUCING INTERVAL REPORTED BELOW AT TOTAL DEPTH:						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 17 16S 23E SLB					
						12. COUNTY GRAND		13. STATE UTAH			
14. DATE SPUDDED: 11/16/2005		15. DATE T. D. REACHED: 12/17/2005		16. DATE COMPLETED: 11/20/2013		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL): 7847 RKB			
18. TOTAL DEPTH: MD 10747 TVD 10747		19. PLUG BACK T.D. MD 8339 TVD 8339		20. IF MULTIPLE COMPLETIONS, HOW MANY		21. DEPTH BRIDGE MD 8,960 PLUG SET: TVD					
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL						23 WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)					
24. CASING AND LINER RECORD (Report all strings set in well)											
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED		
		NO	CHANGES								
25. TUBING RECORD											
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8	8123										
26. PRODUCING INTERVALS					27. PERFORATION RECORD						
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS			
(A) MANCOS	5782	8752			8153 8651	0.40	60	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>		
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>		
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>		
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>		
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL									
8537-8651		10/22/2013 FRAC STAGE 1 WITH 250 GAL ACID, 2,425 BBLS X-LINK GEL, 74,338# 40/70 SAND.									
8153-8239		11/18/2013 FRAC STAGE 2 WITH 250 GAL ACID, 2,789 BBLS LINEAR GEL, 100,200# 40/70 SAND									
29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:			
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICAT				<input type="checkbox"/> GEOLOGICAL REPORT <input type="checkbox"/> CORE ANALYSIS				<input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> OTHER:		SHUT-IN	

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 11/20/2013	TEST DATE: 11/27/2013	HOURS TESTED: 24	TEST RATES: →	OIL - BBL:	GAS - MCF: 92	WATER - BBL: 450	PROD. METHOD: FLOWING
CHOKE SIZE: 14/64	TBG. PRESS. 10	CSG. PRESS. 10	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

FLARED

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MANCOS B	5,782
				MN32	7,687
				MN34	7,842
				UPPER LBG SHALE	8,058
				LOWER LBG SHALE	8,281
				TOP JUANA LOPEZ	8,462
				DAKOTA SILT	8,752

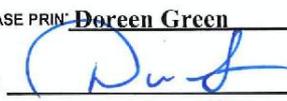
35. ADDITIONAL REMARKS (Include plugging procedures)

08/27/2013, set CIBP @ 8,960 dump bail 5 sxs cement. 10/15/2013 dump bail additional 65' cement on top of CIBP @ 8,960. Existing CIBP's set at 9,270 and 10,447. ISO plug still remains @ 8339'. The well is currently shut-in for the winter until further analysis is completed.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Doreen Green

TITLE Regulatory Analyst II

SIGNATURE 

DATE 12/20/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	2	Report Date	11/8/2013
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.	GWS 1/1	Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,153.0 (usft)-8,239.0 (usft)	Start Date/Time	11/8/2013 12:00AM
No. of Intervals		End Date/Time	11/8/2013 12:00AM
Total Shots		Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

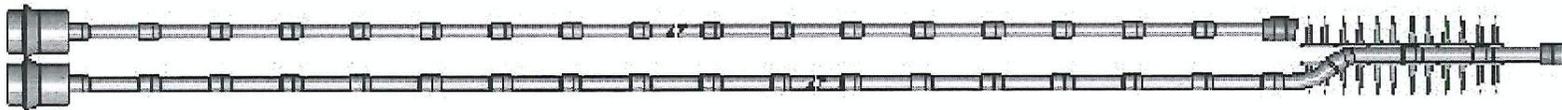
Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/8/2013 12:00AM	MANCOS B/			8,153.0	8,154.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO	
														N	
11/8/2013 12:00AM	MANCOS B/			8,172.0	8,174.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO	
														N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/8/2013 12:00AM	MANCOS B/			8,189.0	8,190.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,209.0	8,211.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,224.0	8,226.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,237.0	8,239.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



API Well Number: 43019314570000

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	1	Report Date	10/16/2013
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.		Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,537.0 (usft)-8,651.0 (usft)	Start Date/Time	10/16/2013 12:00AM
No. of Intervals	7	End Date/Time	10/16/2013 12:00AM
Total Shots	30	Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
10/16/2013 12:00AM	MANCOS B/3			8,537.0	8,538.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
10/16/201 3 12:00AM	MANCOS B/			8,550.0	8,551.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/201 3 12:00AM	MANCOS B/			8,582.0	8,583.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/201 3 12:00AM	MANCOS B/			8,604.0	8,606.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/201 3 12:00AM	MANCOS B/			8,622.0	8,623.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/201 3 12:00AM	MANCOS B/			8,632.0	8,634.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/201 3 12:00AM	MANCOS B/			8,649.0	8,651.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: MILES 2/2

Event: CONST- CAP WELL WORK

Start Date: 8/27/2013

End Date: 8/29/2013

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
8/27/2013	-							HOOK UP FLOWLINE & BLEED WELL DOWN, 1,600 PSI TO 50 PSI IN 5 HRS, 9:00 AM TILL 2:00 PM, SWI.
8/28/2013	-							SICP 500 PSI, MIRU, BLEED OFF WELL WENT DEAD IN 20 MIN, MIRU CUTTERS RIH W/ TEMP LOG TO 9,270' POOH. ND WH, NU BOP, PU RIH W/ 4.42" G/R TO 9,020' POOH, PU 10K 5 1/2" CIBP RIH & SET @ 8,960' POOH, PU RIH W/ BAILER & DUMP BAIL 5 SX CMT 2-RUNS. POOH, PU & RIH W/ CBL, PRESS UP CSG TO 1,000 PSI @ 700 PSI PUSHED PUP JT TO BTM OF RAMS, LOG CBL FROM 8,927' TO 3,000. PACK OFF STARTED LEAKING, BLEED OFF PRESS & GAS BUBBLES'. C/O PACK OFF RUBBER, PRESS UP TO 7-800 PSI, CONTINUE CBL LOG. EST TOC @ 3,270', RDMO CUTTERS, SWI, SDFN. Cumulative Costs = \$20,470
8/29/2013	-							P/T 5 1/2" CSG TO 4,200 PSI, 11" 5K FLANGE STARTED LEAKING @ 3,400 PSI, BLED OFF TIGHTEN FLANGE, START 4,209 PSI, LOST 70 PSI IN 10 MIN, BUMPED BACK UP LOST 62 PSI IN 10 MIN, BLED OFF TO REENTERGIZE PACKING SEAL AROUND 5 1/2" IN TBG HEAD, PRESS UP TO 4,207 PSIFOR 30 MIN, LOST 20 PSI IN 10 MIN, LOOKING BETTER. START 4,207 PSI, FINISH 4,173 PSI LOST 34 PSI IN 30 MIN. PACKING IN TBG HEAD STILL LEAKING, NEEDS PULLED OFF & REDONE. BOTH 10K CSG VALVES LEAKING, GATE & BONNET, NEED REPLACED. TEST WITNESSED BY STATE REP BART KETTLE CELL 435-820-0862. TEST CHARTED BY CAMERON. Cumulative costs = \$32,070

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN Spud Date: 11/16/2005
 Project: UTAH-UINTAH Site: THREE PINES 14-17-16-23 MN Rig Name No: GWS 1/1
 Event: RECOMPL/RESEREVEADD Start Date: 10/13/2013 End Date:
 Active Datum: RKB @7,847.00usft (above Mean Sea Level) UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/14/2013	7:00 - 16:00	9.00	SUBSPR	52	B	P		<p>RU CAMERON, REMOVED TBG HEAD REPACKED SEALS TESTED TO 5K GOOD NU TBG HEAD, NU 10 K FRAC STACK, WELL FULL. PRESSURE TESTED WELL AS BELOW</p> <p>FILL SURFACE CSG. MIRU CAMERON QUICK TEST. PRESSURE TEST CSG & FRAC VALVES 1ST PSI TEST T/ 6500 PSI. HELD FOR 5 MIN LOST 230 PSI. 2ND PSI TEST T/ 6500 PSI HELD FOR 5 MIN LOST 209 PSI 3RD PSI TEST T/ 6500 PSI HELD FOR 20 MIN LOST 933 PSI 4TH PSI TEST T /6500 PSI HELD FOR 5 MIN LOST 164 PSI NO COMMUNICATION OR MIGRATION WITH SURFACE CSG BLEED OFF PSI. RD TEST TRUCK WILL RETEST IN AM</p>
10/15/2013	7:00 - 15:00	8.00	SUBSPR	52	B	P		<p>FILLED SUFACE WITH + OR - 5 BBLs H2O, RU CAMERON TEST TRUCK</p> <p>FILL SURFACE CSG. MIRU CAMERON QUICK TEST. PRESSURE TEST CSG & FRAC VALVES 1ST PSI TEST T/ 5000 PSI. HELD FOR 15 MIN LOST 180 PSI 2ND PSI TEST T/ 5500 PSI HELD FOR 15 MIN LOST 102 PSI 3RD PSI TEST T/ 6560 PSI HELD FOR 15 MIN LOST 58 PSI NO COMMUNICATION OR MIGRATION WITH SURFACE CSG BLEED OFF PSI.</p> <p>RU WL DUMP BAILED 65' ADDITIONAL CEMENT ON CIBP @ 8,960 SWIFN</p>
10/16/2013	12:00 - 15:00	3.00	SUBSPR	37		P		<p>MIRU CUTTERS WL. PU 3 1/8 EXP GUNS, 19 GM, .40 HOLE SIZE. RIH PERFED 1ST STG MANCOS 8537 TO 8651, W/ 30 HOLES, 3 SPF. POOH. PU RIH SET GUAGES SET @ 8594.</p> <p>RU WEATHERFORD PRESSURE TEST PUMP LINES T/ 6200 PSI GOOD BROKE DOWN PERFS @ 4,111 PSI PUMPED 40 BBLs @ 2.5 BPM , AVG PRESSURE 3157 PSI ISIP 2585 . 5 MIN ISIP 2525. SWI FOR 4 DAYS FOR D-FIT.</p>
10/20/2013	9:00 - 9:15	0.25	SUBSPR	48		P		HSM. WORKING AROUND WL.
	9:15 - 15:00	5.75	SUBSPR	35	E	P		<p>POOH W/ D-FIT TOOLS. SWI. READY T/ FRAC.</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/22/2013	7:00 - 7:15	0.25	FRAC	48		P		HSM. HIGH PSI LINES.
	7:15 - 12:00	4.75	FRAC	36	B	P		MIRU WEATHERFORD FRAC SERV. PSI TEST FRAC LINES T/ 7680 PSI. HELD FOR 15 MIN. LOST 324 PSI. GOOD TEST. BLEED OFF PSI. OPEN WELL BEG FRACING. WELL HEAD 1420 PSI, BRK DOWN 4460 PSI @ 5.2 BPM. INT ISIP 3211 PSI, FG. 0.81. PUMP 73,790# 40/70 SAND W/ 11.9 BBLS ACID, 698 BBLS SLICKWATER, 1715 BBLS X-LINKED GEL. FINAL ISIP 4932 PSI, FG 1.0, NET PSI 1721 PSI. MAX PSI = 6422 PSI, MAX RT = 50.5 BPM. AVG PSI = 5855 PSI, AVG RT = 42.1 BPM. USED 23# X-LINK FLUID. ((CUT SAND SHORT BY 24,362 #. DUE T/ PSI INCR. RAMPED SAND T/ 2.0 PPG MAX.))
	12:00 - 15:00	3.00	FRAC	34	I	P		SWI. RDMO WEATHERFORD FRAC CREW. MIRU CUTTERS WL. PU 5 1/2 HAL CBP. RIH SET CBP @ 8462'. POOH, SWI. RDMO CUTTERS WL. READY FOR DRL OUT.
10/23/2013	12:00 - 12:15	0.25	DRLOUT	48		P		HSM. SLIP, TRIPS & FALLS.
	12:15 - 18:00	5.75	DRLOUT	30	A	P		MIRU RIG, SPOT EQUIP. ND FRAC VALVE. NU BOP. SWIFN.
10/24/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. SLIP, TRIPS & FALLS
	7:00 - 20:00	13.00	DRLOUT	31	I	P		OPEN WELL 0 PSI. PREP & TALLY NEW 2 3/8 L-80 TBG. PU 4 5/8 BIT, X-DART, PUMP OPEN BS & 1.875 XN-NIP. RIH W/ 266 JTS, TAG SAND @ 8452'. LD 1 JT. PU 7 1/16 TBG HNGR. LAND TBG.
	20:00 - 20:00	0.00	DRLOUT	30	F	P		NU PIPE RAM SINGLE. NU DRL HEAD RUBBER. UNLAND TBG. LD TBG HNGER. RU DRL EQUIP. SWIFN.
10/25/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. HAND RAILS & WHIP CHECKS

US ROCKIES REGION
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Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

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UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 15:00	8.00	DRLOUT	44	C	P		<p>OPEN WELL 0 PSI. RU DRL EQUIP & PUMP, LINES. BRK CONV CIRC. DRL OUT 10' SAND & CBP @ 8462' IN 15 MIN. 300 PSI INCR. CONT RIH. TAG CMT TOP @ 8800'. RD DRL EQUIP. POOH, LD 10 JTS. PU 7 1/16 x 23/8 CAMERON TBG HNGR. LAND TBG. AFTER LANDING TBG CSG IMMEDIATELY T/ 1700 PSI. RD TBG EQUIP & RIG FLOOR. LD TBG W/ KB =====> 20.00 7 1/16 TBG HNGR =====> 1.00 267 JTS 2 3/8 L-80 TBG =====> 8478.83 1.875 XN & P OPEN BS =====> 3.30 EOT @ 8503'</p> <p>ND BOP. NU WH. DROP BALL. PUMP BIT OPEN W/ 3000 PSI. RU FLOW LINE T/ WEATHERFORD MANIFOLD. OPEN WELL T/ FBT. SICP @ 1700 PSI. SITP @ 1700 PSI. AFTER OPEN TBG. TBG PSI BLED DOWN T/ 25 PSI & CSG DOWN T/ 0 PSI IMMEDIATELY. WELL INT UNLOADING 100 BPH BUT FALLING QUICKLY. RDMO RIG. ROAD RIG T/ KELLY CANYON LOC.</p>
10/29/2013	8:15 - 8:30	0.25	FLOWBK	48		P		HSM. HIGH PSI LINES.
	8:30 - 15:00	6.50	FLOWBK	33	D	P		FOAMED WELL AROUND 2 TIMES. RECOVERD 233 BBLs FLUID.
11/1/2013	7:45 - 8:00	0.25	FLOWBK	48		P		HSM. HIGH PSI LINES
	8:00 - 15:00	7.00	FLOWBK	33	G	P		FOAM WELL AROUND.
11/2/2013	7:45 - 8:00	0.25	FLOWBK	48		P		HSM. HIGH PSI
	8:00 - 15:00	7.00	FLOWBK	33	G	P		UNLOAD WELL W/ FOAM UNIT
11/5/2013	6:45 - 7:00	0.25	FRAC	48		P		HSM. ROADING RIG.
	7:00 - 14:00	7.00	FRAC	30	G	P		ROAD RIG F/ NBU 922-34M T/ THREE PINES.
	14:00 - 18:00	4.00	FRAC	30	A	P		MIRU RIG. SPOT EQUIP.SDFN.
11/6/2013	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. PINTCH POINTS
	7:00 - 17:00	10.00	FLOWBK	31	I	P		<p>WH PSI @ 300 PSI. BLOW WELL DOWN T/ RIG TANK. ND WH. NU BOP. RU FLOOR & TBG EQUIP. UNLAND TBG. LD 7 1/16 TBG HNGR. RIG PUMP T/ TBG. PUMP 150 BBLs T-MAC. WELL STARTED T/ CIRC. PUMP TOTAL OF 220 BBLs. RECOVER 30 BBLs. SHUT DOWN F/ PUMPING. POOH LD 2 3/8 TBG =267 JTS. TBG LOOKED LIKE NEW. LD XN-NIP & POBS. SWIFN.</p>
11/7/2013	6:45 - 7:00	0.25	FRAC	48		P		HSM. PINTCH POINTS

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Rig Name No: GWS 1/1

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	7:00 - 17:00	10.00	FRAC	31	I	P		SIWP = 0 PSI OPEN WELL T/ FBT.RIG PUMP T/ CSG. FILL CSG W/ 40 BBLS. COUGHT PSI. PUMP TOTAL OF 60 BBLST-MAC. WELL PRESSERD UP T/ 3000 PSI. SHUT DOWN F/ PUMPING. BLEED OFF PSI. PU NOTCH COLLAR. RIH W/ 267 JTS EOT @ 8475'. RIG PUMP T/ TBG. BRK CONV CIRC. PUMP 240 BBLS, CIRC WELL CLEAN. SHUT DOWN CIRC. XO TBG EQUIP. POOH, LD 99 JTS. SWIFN. EOT @ 5326'.
11/8/2013	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. SIME OPS
	7:00 - 10:00	3.00	FLOWBK	31	I	P		OPEN WELL 0 PSI. CONT POOH LD TBG & BHA. LD TOTAL OF 267 JTS
	10:00 - 12:00	2.00	FLOWBK	34	I	P		MIRU CUTTERS WL. PU 5 1/2, 12K HAL CBP. RIH SET CBP @ 8339'. POOH. RD CUTTERS.
	12:00 - 14:30	2.50	FLOWBK	47	A	P		ND BOP. NU 7 1/16, 10K FRAC VALVE. PSI TEST CBP T/ 2000 PSI. GOOD TEST. RDMO RIG. RACK OUT RIG EQUIP. ROAD RIG T/ KELLY CANYON.
	14:30 - 16:00	1.50	FLOWBK	37	B	P		RU CUTTERS WL W/ CRANE TRUCK. PU 3 1/8 PERF GUN, 19 GM, .40 HOLE SIZE. 120 DEG PHASING. RIH PERF AS DESIGNED. POOH.
	16:00 - 18:00	2.00	FLOWBK	35	E	P		PU DOWN HOLE D-FIT GAUGES. (3 GAUGES IN TOOL, ONE LIVE) RIH SET GAUGES @ 8196'.
	18:00 - 19:00	1.00	FLOWBK	52	F	P		MIRU WEATHERFORD PUMP TRUCK. OPEN WELL 125 PSI. BEG INJECTION TEST. BRK @ 3034 PSI, RT 2.1 BPM. PUMP 4 BBLS T/ FILL & BRK. PUMP 20 BBLS FOR INJECTION TEST. SHUT DOWN PUMPING. ISIP 2161 PSI, FG .70. 5 MIN ISIP 1877 PSI. RDMO WEATHERFORD PUMP TRUCK. SDFN.
11/16/2013	7:15 - 7:30	0.25	FLOWBK	48		P		HSM. DO NOT WORK UNDER WL.
	7:30 - 9:30	2.00	FLOWBK	35	E	P		POOH W/ D-FIT GAUGES. RDMO CUTTERS WL. COULD NOT STOP EVERY 500'. GREASE HEAD WOULD FREEZE UP.
	9:30 - 11:30	2.00	FLOWBK	40	D	P		MIRU JDM HOT OIL TRUCK. PUMP 15 BBLS XYLENE W/ ASPHALTENE INHB & SOLVENT. FLUSH W/ 5 BBLS T-MAC. SWI. READY FOR FRAC.
11/18/2013	8:45 - 9:00	0.25	FRAC	48		P		HSM. HIGH PSI LINES.

US ROCKIES REGION
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Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

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UWI: THREE PINES 14-17-16-23 MN

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	9:00 - 13:30	4.50	FRAC	36	B	P		MIRU WEATHERFORD FRAC CREW. PSI TEST FRAC LINES T/ 7630 PSI. GOOD TEST. BLEED OFF PSI. OPEN WELL 1599 PSI. WHP 1595 PSI, BRK 3988 PSI @ 4.7 BPM. ISIP 2525 PSI, FG .74 FINAL ISIP 1706 PSI, FG. 0.64. MP = 6648 PSI, MR = 54 BPM. AP = 5224 PSI, AR = 47 BPM. 5 MIN = 1566 PSI. 10 MIN = 1523 PSI. 15 MIN = 1481 PSI. SWI. RDMO FRAC CREW. TOTAL SAND PUMPED = 100,200 LBS. TOTAL FLUID PUMPED TODAY = 2782 BBLS.
	13:30 - 16:00	2.50	FRAC	34	I	P		RU CUTTERS WL. PU 5 1/2, 8K HAL KILL PLUG. RIH SET KILL PLUG @ 8110'. POOH, SWI. READY FOR DRL OUT.
11/19/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. PINTCH POINTS WHILE PU TBG.
	7:00 - 8:00	1.00	DRLOUT	30	A	P		ROAD RIG F/ KELLY CANYON. MIRU RIG. SPOT EQUIP.
	8:00 - 17:00	9.00	DRLOUT	31	I	P		OPEN WELL 0 PSI. ND FRAC 7 1/16, 10K FRAC VALVES. NU BOP. RU FLOOR & RIG EQUIP. PU 4 5/8 BIT, XO, X-DART, PUMP OPEN BIT SUB & 1.875 XN. RIH W/ 248 JTS 2 3/8, L-80 TBG. (PICKING UP OFF TBG FLOAT) EOT @ 7862'. SWIFN.
11/20/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. STAY OFF RIG FLOOR WHILE SWIVEL IS TURNING

US ROCKIES REGION
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Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
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	7:00 - 13:00	6.00	DRLOUT	44	C	P		<p>OPEN WELL 0 PSI. CONT RIH W/ TBG F/ 7943'. TAG SAND @ 8100' W/ 255 JTS 2 3/8, L-80 TBG. RU DRL EQUIP. PSI TEST BOP T/ 3000 PSI. GOOD TEST. BLEED OFF PSI. BRK CONV CIRC. DRL OUT KILL PLUG @ 8110' IN 10 MIN. 250 PSI INCR. CONT RIH TAG SAND @ 8239'. CO T/ TOP OF ISO PLUG @ 8339'. CIRC WELL CLEAN W/ 320 BBLs T-MAC. AFTER CIRC BTM UP, TRACE OF OIL AND HEAVY GAS CUT FLUID</p> <p>RD DRL EQUIP. POOH W/ 7 JTS. PU 7 1/16 TBG HGR. LAND TBG W/ KB =====> 20.00 7 1/16 CAMERON HGR =====> 1.00 255 JTS 2 3/8 L-80 =====> 8097.50 POBS, XN NIP =====> 4.40 EOT @ 8122.90 ND BOP. NU WH. DROP BALL. PUMP BIT OPEN W/ 2900 PSI. RU FLOW LINE THROUGH MANIFOLD. SICP = 1200 PSI. SITP = 900 PSI. OPEN WELL ON 20/64 CHOKE. TURN WELL OVER T/ FBC.</p> <p>RDMO RIG. ROAD RIG T/ GNB.</p>

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11/24/2013	12:00 - 21:00	9.00	FLOWBK	42	B	P		<p>OVERNIGHT BUILD UP: SICP: 1250 PSI; SITP: 420 PSI. OPEN WELL ON 32/64TH CHOKE, WELL UNLOADED 37 BBLS BEFORE IT STOPPED BRINGING FLUID.</p> <p>MIRU SWAB RIG. CHANGE WELLHEAD FLANGE & RU TO SWAB TBG.</p> <p>RUN #1: CSG: 1050 PSI; FL: 700'; SWAB DEPTH: 6500'. FLUID RECOVERED = 21 BBLS. TBG ON SLIGHT BLOW.</p> <p>RUN #2: CSG : 950 PSI; FL:1900'; SWAB DEPTH: 6900'; FLUID RECOVERED = 11 BBLS; TBG ON SLIGHT BLOW.</p> <p>RUN #3: CSG: 890 PSI; FL: 1900'; SWAB DEPTH: 5600'; FLUID RECOVERED: 11 BBLS, TBG ON SLIGHT BLOW.</p> <p>RUN #4: CSG: 850 PSI; FL: 1900'; SWAB DEPTH: 5600'; FLUID RECOVERED: 11 BBLS, TBG ON SLIGHT BLOW.</p> <p>RUN #5: CSG: 840 PSI; FL: 2200'; SWAB DEPTH: 6200'; FLUID RECOVERED: 11 BBLS, TBG BLOWING.</p> <p>RUN #6: CSG: 800 PSI; FL: 2600'; SWAB DEPTH: 6800'; FLUID RECOVERED: 13 BBLS, TBG BLOWING.</p> <p>RUN #7: CSG: 790 PSI; FL: 3500'; SWAB DEPTH: 7300'; FLUID RECOVERED: 5 BBLS, TBG BLOWING. PLUG PART FOUND IN SWAB CUP.</p> <p>RUN #8: CSG: 790 PSI; FL: 3800'; SWAB DEPTH: 7700'; FLUID RECOVERED: 8 BBLS, TBG BLOWING.</p> <p>RUN #9: CSG: 750 PSI; FL: 4000'; SWAB DEPTH: 7700'; FLUID RECOVERED: 8 BBLS, TBG BLOWING. SAND FOUND IN SWAB CUP.</p> <p>RUN #10: CSG: 740 PSI; FL: 4200'; SWAB DEPTH: 7700'; FLUID RECOVERED: 8 BBLS, TBG STARTED TO FLOW STRONG GAS.</p> <p>ATTEMPTED TO PUT WELL TO SALES, SAND TRAP IMMEDIATELY FROZE, ATTEMPTED TO THAW EQUIPMENT BUT WELL STOPPED BRINGING FLUID. SWIFN & WINTERIZE WELLHEAD. SICP: 450 PSI; SITP: 390 PSIL. 5 ADDITIONAL BBLS OF OIL IN FLOWBACK TANK.</p> <p>THAW OUT FLOWBACK EQUIP AND PREP TO FLOW IN A.M.</p> <p>TOTAL FLUID RECOVERED TODAY: 135 BBLS</p>

US ROCKIES REGION
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Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
TOTAL FLUID RECOVERED: 429 BBLS (15% OF FRAC LOAD)								
11/25/2013	5:00 - 11:00	6.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 750 PSI, SITP = 450 PSI. OPEN WELL T/ FLOWBACK EQUIP & FLARE ON 32/64 CHOKE. INITIAL RATE = 500 MCFD. RATE DROPPED TO 20 MCFD WITHIN 20 MINUTES AND NEVER BROUGHT FLUID. OPEN WELL T/ FBT & PREPARE TO SWAB.</p> <p>RUN #1: CSG: 750 PSI, FL: 4600', SWAB DEPTH: 5800' , FLUID RECOVERED = 10 BBLS. 100% WATER. TBG ON BLOW.</p> <p>RUN #2: CSG: 750 PSI, FL: 4800', SWAB DEPTH: 7700' , FLUID RECOVERED = 10 BBLS. 100% WATER. TBG ON BLOW.</p> <p>RD SWAB RIG, ROAD RIG T/ KELLY CANYON 10-8-16-22. SWI & MONITOR PSI BUILDUP. ATTEMPT TO FLOW WELL IN A.M.</p>
11/27/2013	9:00 - 16:00	7.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 1350 PSI, SITP: 210 PSI. OPEN WELL T/ FBT TO BLEED OFF PSI. NO FLUID FLUID RETURNS.</p> <p>RU SWAB RIG TO TBG.</p> <p>RUN #1: CSG: 1400 PSI; FL: 3500'; SWAB DEPTH: 6800'; FLUID RECOVERED: 15 BBLS WATER, 0.5 BBL OIL. WELL ON LIGHT BLOW.</p> <p>RUN #2: CSG: 1370 PSI; FL: 3200'; SWAB DEPTH: 5600'; FLUID RECOVERED: 5 BBLS WATER; WELL ON LIGHT BLOW.</p> <p>RUN #3: CSG: 1340 PSI; FL: 3200'; SWAB DEPTH: 6500'; FLUID RECOVERED: 8 BBLS WATER; WELL ON LIGHT BLOW.</p> <p>RUN #4: CSG: 1180 PSI; FL: 2500'; SWAB DEPTH: 7900'; FLUID RECOVERED: 25 BBLS WATER; WELL KICKED OFF & FLOWING STRONG.</p> <p>SEND WELL THRU FLOWBACK EQUIP AND CHOKE BACK TO 14/64TH. GAS RATE = 1.3 MMCFD. COLLECT OIL SAMPLES, MONITOR FLOWRATE AND PSI FOR APPROX 3 HRS UNTIL WELL DIED. SWIFH AND WINTERIZE WELLHEAD. CUM GAS FLARED TODAY= 92 MCF</p> <p>TOTAL FLUID RECOVERED TODAY = 40 BBLS TOTAL FLUID RECOVERED = 450 BBLS (16% OF FRAC LOAD)</p>

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Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/30/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>3 DAY PSI BUILDUP: SICP: 1200 PSI; SITP: 450 PSI. OPEN WELL ON 20/64TH THRU FLOWBACK EQUIIP. FLARED 35 MCF AND TBG DROPPED TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 1200 PSI, FL: 3500'; SWAB DEPTH: 6100'; FLUID RECOVERED: 10 BBLS, 100% WTR, TBG ON BLOW.</p> <p>RUN #2: CSG: 1220 PSI, FL: 4300'; SWAB DEPTH: 6500'; FLUID RECOVERED: 10 BBLS, 100% WTR, TBG ON BLOW.</p> <p>RUN #3: CSG: 1180 PSI, FL: 4400'; SWAB DEPTH: 6900'; FLUID RECOVERED: 10 BBLS, 100% WTR, TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 14/64TH.</p> <p>WELL FLOWED FOR 3 HRS, RECOVERED 10 BBLS WTR & 1 BBL OIL. FLARED 97 MCF. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 40 BBLS WTR, 1 BBL OIL TOTAL GAS FLARED TODAY = 132 MCF TOTAL FLUID RECOVERED = 490 BBLS (17.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/1/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 440 PSI, SITP: 160 PSI. OPEN WELL ON 24/64TH THRU FLOWBACK EQUIP. FLARED 6 MCF AND TBG WENT TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 530 PSI, FL: 4500'; SWAB DEPTH: 6200'; FLUID RECOVERED: 3 BBLS, 100% WTR, TBG ON BLOW.</p> <p>RUN #2: CSG: 510 PSI, FL: 7000'; SWAB DEPTH: 7700'; FLUID RECOVERED: 4 BBLS, 100% WTR, TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 24/64TH.</p> <p>WELL FLOWED FOR 2 HRS, RECOVERED 0.5 BBL OIL, FLARED 23 MCF.</p> <p>RUN #3: CSG: 320 PSI; FL: 7400'; SWAB DEPTH: 7700'; FLUID RECOVERED: 5 BBLS WTR. TBG STARTED TO FLOW. SEND THRU FLOWBACK EQUIP ON 32/64TH.</p> <p>WELL FLOWED FOR 1.5 HRS, RECOVERED 0.5 BBL OIL, FLARED 16 MCF. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 12 BBLS WTR, 1 BBL OIL TOTAL GAS FLARED TODAY = 45 MCF TOTAL FLUID RECOVERED = 502 BBLS (18%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/2/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 500 PSI; SITP: 175 PSI. OPEN WELL ON 26/64TH CHOKE THRU FLOWBACK EQUIP. FLARED 14 MCF AND TBG PSI WENT TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 525 PSI, FL: 6400'; SWAB DEPTH: 7700'; FLUID RECOVERED: 5 BBLS, 100% WATER. WELL BEGAN TO FLOW, SEND WELL THRU FLOWBACK EQUIP. WELL FLOWED FOR 2.5 HRS & RECOVERED 0.25 BBLS OF OIL & 41 MCF.</p> <p>RUN #2: CSG: 150 PSI; FL: 7800'; SWAB DEPTH: 8100'; FLUID RECOVERED: 1 BBL WATER, SEND WELL THRU FLOWBACK EQUIP. WELL FLOWED FOR 1 HR & RECOVERED 0.25 BBLS OIL & 12 MCF.</p> <p>SWIFN FOR PSI BUILDUP. SICP: 20 PSI; SITP: 20 PSI. WINTERIZE WELLHEAD.</p> <p>FLUID RECOVERED TODAY = 10 BBLS WTR & 0.5 BBLS OIL TOTAL GAS FLARED TODAY = 66 MCF TOTAL LOAD RECOVERED = 512 BBLS (18%)</p>
12/3/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 350 PSI; SITP: 125 PSI. OPEN WELL ON 24/64TH CHOKE THRU FLOWBACK EQUIP. FLARED 12 MCF & TBG PSI FELL TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 350 PSI; FL: 6800'; SWAB DEPTH: 8000'; FLUID RECOVERED: 7 BBLS, 100% WTR. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP, WELL FLOWED STRAIGHT GAS FOR 2 HRS, NO FLUID. 43 MCF FLARED.</p> <p>RUN #2: CSG: 140 PSI; FL: 7800'; SWAB DEPTH: 8000', FLUID RECOVERED: 2 BBLS; 100% WTR. WELL STARTED FLOWING. UNLOADED 5 BBLS WTR & FLOWED STRAIGHT GAS FOR 45 MIN. 16 MCF FLARED.</p> <p>RUN #3: CSG: 140 PSI; FL: 7900'; SWAB DEPTH: 8000', FLUID RECOVERED: 0.5 BBLS; 100% WTR. WELL STARTED FLOWING STRAIGHT GAS FOR 45 MIN. 14 MCF FLARED. LESS THAN 0.25 BBLS OF OIL FOUND IN TEST SEP.</p> <p>SWIFN & WINTERIZE WELLHEAD.</p> <p>FLUID RECOVERED TODAY= 10 BBLS TOTAL GAS FLARED TODAY = 85 MCF TOTAL FLUID RECOVERED = 528 BBLS (19%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/4/2013	7:00 - 14:00	7.00	FLOWBK	42	B	W		<p>OVERNIGHT PSI BUILDUP: SICP = 350 PSI, SITP= 150 PSI. OPEN WELL ON 32/64TH THRU FLOWBACK EQUIP. FLARED 13 MCF & TBG WENT TO 0 PSI. NO FLUID RETURNS.</p> <p>WAIT ON SWAB CREW TO REACH LOCATION. STUCK IN SNOW DRIFT ON BOOK CLIFF DIVIDE ROAD. SNOW DRIFTS 3-4' DEEP. WAIT ON ROAD GRADER.</p>
	13:00 - 17:00	4.00	FLOWBK	42	B	P		<p>SWAB CREW ARRIVED ON LOCATION. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 460 PSI; FL: 6700'; SWAB DEPTH: 8000', FLUID RECOVERED: 7 BBLS WTR. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP. WELL FLOWED FOR 3 HRS. NO FLUID RECOVERED. FLARED 58 MCF. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 7 BBLS WTR TOTAL GAS FLARED TODAY = 71 MCF TOTAL FLUID RECOVERED = 535 BBLS (19%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/5/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 420 PSI; SITP: 120 PSI. OPEN WELL ON 28/64TH THRU FLOWBACK EQUIP. FLARED 7 MCF & TBG WENT TO 0 PSI. NO FLUID RETURNRS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 400; FL: 6400', SWAB DEPTH: 8000'; FLUID RECOVERED: 6 BBLS WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP ON 28/64TH. WELL FLOWED FOR 2 HRS & FLARED 47 MCF. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 190 PSI, FL: 6800', SWAB DEPTH: 8000'; FLUID RECOVERED: 5 BBL, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 1 HR & FLARED 13 MCF. NO FLUID RETURNS.</p> <p>RUN #3: CSG: 140 PSI, FL: 7800', SWAB DEPTH: 8000'; FLUID RECOVERED: 3 BBL, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 7 MCF. NO FLUID RETURNS. SWIFN AND WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY= 14 BBLS WTR, 0.25 BBLS OIL TOTAL GAS FLARED TODAY = 76 MCF TOTAL FLUID RECOVERED = 549 BBLS (19%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/6/2013	7:00 - 20:00	13.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 300 PSI; SITP: 100 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 11 MCF & TBG WENT TO 0 PSI. NO FLUID RETURNRS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 300; FL: 7000', SWAB DEPTH: 8000'; FLUID RECOVERED: 4 BBLS WTR, 0.5 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 1 HR & FLARED 35 MCF. TRACE OF CONDENSATE SHOWED UP IN TEST SEPARATOR.</p> <p>RUN #2: CSG: 160 PSI, FL: 7700', SWAB DEPTH: 8000'; FLUID RECOVERED: 1.25 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 1 HR & FLARED 7 MCF. NO FLUID RETURNS.</p> <p>RUN #3: CSG: 120 PSI, FL: 7800', SWAB DEPTH: 8000'; FLUID RECOVERED: 1 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 8 MCF. TRACE ON CONDENSATE IN TEST SEPARATOR.</p> <p>RUN #4: CSG: 115 PSI, FL: 7700', SWAB DEPTH: 8000'; FLUID RECOVERED: 1 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 6 MCF. NO FLUID RETURNS</p> <p>RUN #5: CSG: 115 PSI, FL: 7950', SWAB DEPTH: 8000'; FLUID RECOVERED: 0.5 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 4 MCF. NO FLUID RETURNS. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY= 8 BBLS WTR, 1.5 BBLS OIL TOTAL GAS FLARED TODAY = 71 MCF TOTAL FLUID RECOVERED = 555 BBLS (19.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/9/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>TWO DAY PSI BUILDUP: SICP: 820 PSI; SITP: 120 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 17 MCF AND TBG WENT TO 0 PSI. NO FLUID RETURNS. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 830 PSI, FL: 6000'; SWAB DEPTH: 8000'; FLUID RECOVERED = 8 BBLS WTR, 1 BBL OIL/CONDENSATE. TBG STARTED TO FLOW. TURN WELL THRU FLOWBACK EQUIP ON 20/64TH CHOKE. WEL FLOWED FOR 2.5 HRS & FLARED: 57 MCF. NO OBVIOUS FLUID RETURNS BUT WELL MADE APPROX 0.1 BBLS OF CONDENSATE IN TEST SEPARATOR.</p> <p>RUN #2: CSG: 110 PSI, FL: 7975'; SWAB DEPTH: 8000'; FLUID RECOVERED = 0.25 BBLS WTR, TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 1 MCF.</p> <p>RUN #2: CSG: 140 PSI, FL: 7700'; SWAB DEPTH: 8000'; FLUID RECOVERED = 1.5 BBLS WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 10 MCF.</p> <p>SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 10 BBLS WTR, 1.25 BBLS OIL TOTAL GAS FLARED TODAY = 85 MCF. TOTAL FLUID RECOVERED = 565 BBLS (20%)</p>
12/10/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 250 PSI; SITP: 85 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 8 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 215 PSI, FL: 7600'; SWAB DEPTH: 8000'; FLUID RECOVERED = 5 BBLS WTR, 0.25 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 15 MCF IN 1 HR. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 155 PSI, FL: 7400'; SWAB DEPTH: 8000'; FLUID RECOVERED = 5 BBLS WTR, 0.1 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 8 MCF IN 1 HR; NO FLUID RETURNS. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 10 BBLS WTR, 0.35 BBLS OIL TOTAL GAS FLARED TODAY = 31 MCF TOTAL FLUID RECOVERED = 575 BBLS (20.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN			Spud Date: 11/16/2005		
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN		Rig Name No: GWS 1/1	
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013		End Date:	
Active Datum: RKB @7,847.00usft (above Mean Sea Level)			UWI: THREE PINES 14-17-16-23 MN		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/11/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 315 PSI; SITP: 94 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 10 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 200 PSI, FL: 7000'; SWAB DEPTH: 8000'; FLUID RECOVERED = 4 BBLS WTR, 0.5 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 15 MCF IN 1 HR. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 110 PSI, FL: 7900'; SWAB DEPTH: 8000'; FLUID RECOVERED = 0.5 BBLS WTR, 0.25 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 4 MCF IN 1 HR; NO FLUID RETURNS.</p> <p>RUN #3: CSG: 110 PSI, FL: 7900'; SWAB DEPTH: 8000'; FLUID RECOVERED = 0.5 BBLS WTR, 0.25 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 2 MCF IN 30 MIN; NO FLUID RETURNS. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 5 BBLS WTR, 1 BBL OIL TOTAL GAS FLARED TODAY = 31 MCF TOTAL FLUID RECOVERED = 580 BBLS (20.5%)</p>
12/12/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 320 PSI; SITP: 84 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 6 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 220 PSI, FL: 6800'; SWAB DEPTH: 8000'; FLUID RECOVERED = 3 BBLS WTR, 0.1 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 16 MCF IN 1.5 HR. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 105 PSI, FL: 7700'; SWAB DEPTH: 8000'; FLUID RECOVERED = 1.5 BBLS WTR, 0.1 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 6 MCF IN 1 HR; NO FLUID RETURNS.</p> <p>RUN #3: CSG: 70 PSI, FL: 7950'; SWAB DEPTH: 8000'; NO FLUID RECOVERED. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 4.5 BBLS WTR, 0.25 BBL OIL TOTAL GAS FLARED TODAY = 28 MCF TOTAL FLUID RECOVERED = 585 BBLS (20.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/13/2013	7:00 - 12:00	5.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 290 PSI; SITP: 110 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 7 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 195 PSI, FL: 7400'; SWAB DEPTH: 8000'; FLUID RECOVERED = 2 BBLS WTR, 0.25 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 12 MCF IN 1 HR. NO FLUID RETURNS.</p> <p>SWI, RD SWAB RIG; ROAD RIG TO GNB. RD FLOWBACK EQUIP.</p> <p>FLOWBACK TESTING COMPLETE.</p> <p>TOTAL FLUID RECOVERED: 586 BBLS WTR (21% OF FRAC LOAD) TOTAL OIL/CONDENSATE RECOVERED: 14 BBLS ESTIMATED TOTAL GAS FLARED: 1020 MCF</p>
1/9/2014	13:00 - 18:00	5.00	FLOWBK	33	F	P		<p>WELL HAS BEEN SI SINCE 12/13/13 (27 DAYS)</p> <p>SICP = 1842 PSI SITP = 1030 PSI SHOT FLUID LEVEL DWN CSG = 7546' (PBHP =2594 PSI) OPEN TBG THRU 2" LINE TO FBT T/ BLEED OFF PSI FOR WO RIG. WELL MADE STRAIGHT GAS FOR APPROX 2 MIN THEN UNLOADED 3-4 BBLS OF YELLOW TINTED CONDENSATE. WELL DIED FOR 5 MIN THEN UNLOADED 20 BBLS WTR / TRACE OF CONDENSATE. FLOWED STRAIGHT GAS FOR 4-5 HRS.</p> <p>SWIFN & DRAIN LINES. SICP = 250 PSI, SITP = 15 PSI.</p>
1/10/2014	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. OVER HEAD LOADS
	7:00 - 17:30	10.50	FLOWBK	31	I	P		<p>ROAD RIG F/ KELLY CANYON. MIRU RIG & SPOT EQUIP. SICP = 600 PSI. SITP = 300 PSI. BLOW WELL DOWN T/ 0 PSI. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 71/16 TBG HNGR. MIRU BAKER CHEM PUMP TRUCK. PUMP 37 GAL CORROSION INHB & 5 GAL SCALE INHB PILL DOWN CSG. RDMO BAKER CHEM PUMP TRUCK. RIG PUMP T/ CSG. FLUSH PILL W/ 170 BBLS T-MAC. POOH W/ TBG. LD 255 JTS 23/8 L-80 TBG. LD XN NIP, PUMP OPEN BS, XOVER & 45/8 BIT. SWIFWE.</p>
1/13/2014	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. SLIP, TRIPS & FALLS

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 10:30	3.50	FLOWBK	37	C	P		SICP = 500 PSI. BLEED OFF WELL PSI T/ FBT. ND BOP, NU FRAC VALVE. MIRU CUTTERS WL. PU 51/2, 12K HAL CBP & 31/8 EXP GUN, 19 GM, .40 HOLE SIZE, 120 DEG PHSING. RIH SET ISO PLUG @ 7948', P/U PERF F/ 7868'-70', 3 SPF, 6 HOLES. POOH. RDMO CUTTERS WL.
	10:30 - 11:30	1.00	FLOWBK	35	E	P		MIRU DELSCO SLICK LINE TRUCK. PU 3 MEMORY GAUGES. RIH SET GAUGES @ 7869' (MID PERF).
	11:30 - 14:30	3.00	FLOWBK	33	I	P		MIRU HALLIBURTON PUMP TRUCK. OPEN WELL 100 PSI. FILL WELL W/ 146 BBLS T-MAC. CATCH PSI. WATCH FOR BRK. PRESSURE UP T/ 3659 PSI. SHUT DOWN. WL FLANGE WAS LEAKING. TIGHTEN FLANGE. BEG PUMPING AGAIN. BRK @ 3246 PSI @ 2.5 BPM. PUMP 10 BBLS. SHUT DOWN ISIP @ 2282 PSI. 5 MIN ISIP = 1483 PSI. 10 MIN ISIP = 1339 PSI. 15 MIN ISIP = 1233 PSI. SWI FOR 72 HR D-FIT. RDMO HALLIBURTON PUMP TRUCK.
1/17/2014	14:30 - 17:00	2.50	FLOWBK	35	E			ZERO PSI ON WELL. POOH W/ DFIT GUAGES STOPPING EVERY 500' FOR GRADIENT. RDMO SLICKLINE. RD FRAC VALVE, NU WH. SWI FOR WINTER.

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	1	Report Date	10/16/2013
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.		Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,537.0 (usft)-8,651.0 (usft)	Start Date/Time	10/16/2013 12:00AM
No. of Intervals	7	End Date/Time	10/16/2013 12:00AM
Total Shots	30	Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
10/16/2013 12:00AM	MANCOS B/			8,537.0	8,538.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
10/16/2013 12:00AM	MANCOS B/			8,550.0	8,551.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,582.0	8,583.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,604.0	8,606.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,622.0	8,623.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,632.0	8,634.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,649.0	8,651.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	2	Report Date	11/8/2013
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.	GWS 1/1	Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,153.0 (usft)-8,239.0 (usft)	Start Date/Time	11/8/2013 12:00AM
No. of Intervals	6	End Date/Time	11/8/2013 12:00AM
Total Shots	30	Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/8/2013 12:00AM	MANCOS B/			8,153.0	8,154.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,172.0	8,174.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/8/2013 12:00AM	MANCOS B/			8,189.0	8,190.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,209.0	8,211.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,224.0	8,226.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,237.0	8,239.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	3	Report Date	1/13/2014
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.	GWS 1/1	Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	7,868.0 (usft)-7,870.0 (usft)	Start Date/Time	1/13/2014 12:00AM
No. of Intervals	1	End Date/Time	1/13/2014 12:00AM
Total Shots	6	Net Perforation Interval	2.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
1/13/2014 12:00AM	MN34/			7,868.0	7,870.0	3.00		0.410	EXP/	3.125	120.00		19.00	PRODUCTIO N	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	7. UNIT or CA AGREEMENT NAME: ROCK SPRING
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
PHONE NUMBER: 720 929-6300 Ext	9. API NUMBER: 43019314570000
9. FIELD and POOL or WILDCAT: WILDCAT	COUNTY: GRAND
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

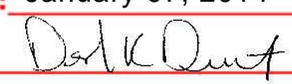
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/6/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ANADARKO E&P ONSHORE, LLC, is requesting to do a DFIT Procedure in the MN34 zone per the attached procedures.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: January 07, 2014

By: 

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 12/20/2013	



Rock Springs Unit

THREE PINES 14-17-16-23
MN 34 DFIT PROCEDURE

DATE: 12/19/13
AFE#: 2091680.CMP
API#: 4301931547
USER ID: JVV274

COMPLETIONS ENGINEER: Ben Smiley, Vernal, UT
(435) 781-7010 (Office)
(936) 524-4231 (Cell)

REMEMBER SAFETY FIRST!

Name: Three Pines 14-17-16-23
Location: SE SW Sec 17, T16S, R23E
Grand County, UT
LAT: 39.410684 **LONG: -109.404554**
Date: 12/19/2013

ELEVATIONS: 7,827' GL 7847' KB

TOTAL DEPTH: 10,747' **PBTD:** 10,448'
SURFACE CASING: 9 5/8", 36# K-55 ST&C @ 3,525'
PRODUCTION CASING: 5 1/2", 17#, P-110 LT&C @ 10,495'
Marker Joints: 8545'-8589', 8826'-8871', 9482'-9526', 9858'-9902'
DV TOOL: 4733-4736'

WELLHEAD: 11" 5K x 5 1/2" annulus
TUBING HEAD: 11" 5K x 7 1/16" 10K

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5 1/2" 17# P-110	10,640	7,460	4.767"	0.0232	0.9764
2 3/8" by 5 1/2" Annulus				0.0178	0.7463

FORMATION TOPS: (Based on Schlumberger Triple Combo dated 12/18/2005)

TOP	DEPTH (MD)
MANCOS B	5,782
MN32	7,687
MN34	7,842
UPPER LBG SAND	8,058
LOWER LBG SHALE	8,281
TOP JUANA LOPEZ	8,462
DAKOTA SILT	8,752

T.O.C. @ 3271'

**Based on latest interpretation of CBL

All perforation depths are from Cutter's CBL log dated 8/28/13.

Hydraulic isolation estimated at **6671'** based on Cutter's CBL dated 1/9/06.

Existing Perforations:

Formation	Top	Base	Status
Lower Blue Gate	8,153	8,239	Open to Surface
Juana Lopez	8,537	8,651	12K CBP @ 8,339'
Cedar Mountain	8,996	9,034	CIBP @ 8,960 w/ 35' of cement
Entrada	9,629	9,657	CIBP @ 9,270'
Wingate	10,179	10,196	CIBP @ 10,447

Relevant History:

- 1/18/06: Drilled out DV tool @ 4778' and C/O to 10,447, POOH. RU WL and perforated 10,179'-10196' w/ 4 SPF. RIH w/ packer, land EOT, and swab tested. No gas made, POOH with tbg. Set CIBP @ 10,125'. Loaded casing with fluid but did not see fluid level when attempting to perforate next zone. Set second CIBP above original (no depth recorded).
- 1/28/06: Perforated Entrada 9629-9657'. Swab tested; no commercial gas. Set CIBP @ 9270'. Never stimulated.
- 2/9/06: Perforated Cedar Mountain @ 8996-9034'. Well started flowing back water. Attempted to swab and intermit flow for days. Never stimulated. POOH with tubing and RDMO.
- 8/27/13: RU WL and ran temperature survey from surface to 9270', set CIBP @ 8960' & dump bailed 5 sxs cement (TOC ~ 8925'). Ran CBL from 8927' to 3000'. Pressure tested 5.5" csg to 4200 psi & lost 62 psi in 10 min, bled down and reenergized packing seal around 5.5" tbg head. Pressure test to 4207 psi for 30 min & lost 34 psi. Packing in tbg head needs replaced but successful MIT witnessed by state representative Bart Kettle (cell - 435-820-0862).
- 10/16/13: Perforate Juana Lopez 8537'-8651'. Pump 40 bbl DFIT and shut well in for 4 days with downhole pressure bombs at mid-perf. POOH w/ DFIT gauges and frac perms with 74,338# of 40/70 white sand & 2425 bbls X-linked fluid. Land tbg @ 8503' and turn well to production.
- 11/6/13: POOH w/ tbg and set CBP @ 8339'. Perforate Lower Blue Gate 8153'-8239'. Pump 20 bbls DFIT into perforations and shut well in for 4 days with downhole pressure bombs at mid perf. POOH w/ DFIT gauges and frac perms with 100,200# of 40/70 white sand & 2789 bbls linear gel. Land tbg @ 8123' and turn well to production.

MN 34 DFIT PROCEDURE:

- MIRU Completion Unit. NDWH & NUBOP. Bleed off and kill well as necessary. Unland tbg and POOH. Lay down tbg on racks.
- MIRU WL. RIH with 5.5" 12K CBP and set @ 7960'.
- PU and perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120' phasing:

Zone	From	To	spf	# of shots
MN 34	7868	7870	3	6
- ND BOP, set tbg hanger and screw in jam bolts, & NU single 10K 7 1/16" frac valve. Verify surface casing valve is locked OPEN. RDMO Completion Unit.

5. RU Slickline & RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges mid-perf at 7869'
6. Perform a DFIT test on perforations **7868'-7870'** as follows:
 - a. Pump **420** gals (10 bbls) **@ 2.0 bpm** (make sure the pumping rate is **constant**).
 - b. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - c. After pumping the above volume, shut well in and monitor **for a minimum of 72 hours (3 days)** as directed by Vernal engineering.
 - d. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**
7. RDMO Slickline. Flow well to flowback tank and record fluid volumes. Obtain any hydrocarbon sample possible.
8. Once test is concluded, bleed off well pressure, set plug in tbg hanger. ND frac valve and NU WH. Shut well in at the master valve for the winter.

Key Contact Information

Completion Engineer

Ben Smiley: (435) 781-7010, (936) 524-4231

Production Engineer

Brad Laney: (435) 781-7031, (435) 828-5469

Completion Supervisor Foreman

Jeff Samuels: (435) 828-6515, (435) 781-7046

Completion Manager

Jeff Dufresne: (720) 929-6281, (303) 241-8428

Vernal Main Office

(435) 789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: (435) 789-3342

Grand Junction St. Mary's Hospital Emergency: (970) 298-2551

Vernal Police: (435) 789-5835

Vernal Fire: (435) 789-4222

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
 (highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572	
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ LATS <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTR <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER AMENDED		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE LLC		7. UNIT or CA AGREEMENT NAME	
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE Co ZIP 82017		8. WELL NAME and NUMBER: THREE PINES 14-17-16-23	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SESW 760 FSL 2293 FWL AT TOP PRODUCING INTERVAL REPORTED BELOW AT TOTAL DEPTH:		9. API NUMBER: 43-019-31457	
14. DATE SPURRED: 11/16/2005		15. DATE T. D. REACHED: 12/17/2005	
16. DATE COMPLETED: 1/17/2014		17. ELEVATIONS (DF, RKB, RT, GL): 7847 RKB	
18. TOTAL DEPTH: MD 10747 TVD 10747		20. IF MULTIPLE COMPLETIONS, HOW MANY?	
19. PLUG BACK T.D. MD 7948 TVD 7948		21. DEPTH BRIDGE MD 8960 TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL		23. WAS WELL CORED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
			NO CHANGES						

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) MN34	7868	7870			7,868 7,870	0.41	6	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) MANCOS B	8153	8239			8,153 8,239	0.4	30	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C) MANCOS B	8537	8651			8,537 8,651	0.4	30	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8537-8651	10/22/2013-FRAC STAGE 1 WITH 11.9 BBLS 15% HCL ACID, 698 BBLS SLICKWATER, 1715 BBLS CROSSLINK GEL, 73,790# 40/70 SAND.
8153-8239	11/18/2013-FRAC STAGE 2 WITH 11.9 BBLS 15% HCL ACID, 594 BBLS SLICKWATER, 2176 BBLS LINEAR GEL, 100,200# 40/70 SAND

29. ENCLOSED ATTACHMENTS:		30. WELL STATUS: SHUT-IN
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICAT	<input type="checkbox"/> GEOLOGICAL REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER:	

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MANCO B	5,782
				MN32	7,687
				MN34	7,842
				UPPER LBG SHALE	8,058
				LOWER LBG SHALE	8,281
				TOP JUANA LOPEZ	8,462
				DAKOTA SILT	8,752

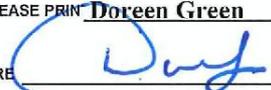
35. ADDITIONAL REMARKS (Include plugging procedures)

02/13/2014-AMENDED FRAC VOLUMES, ADDED THE LAST DFIT COMPLETED ON (01/17/2014)-01/13/2014 SET ISO PLUG @ 7,948, PERF 7868-7870, SET MEMORY GAUGES, SHUT IN FOR D-FIT. 01/17/2014-POOH WITH MEMORY GAUGES AND SHUT WELL IN FOR WINTER. AS PREVIOUSLY REPORTED, SET CIBP @ 8960 DUMP BAIL 5 SXS CEMENT ON TOP. 10/15/2013 DUMP BAIL ADDITIONAL 65' CEMENT ON TOP OF CIBP @ 8960. EXISTING CIBP'S SET AT 9270 AND 10447. ISO PLUGS STILL REMAIN @ 8339 AND 7948. THE WELL IS CURRENTLY SHUT-IN FOR THE WINTER.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Doreen Green

TITLE Regulatory Analyst II

SIGNATURE 

DATE 2/13/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: MILES 2/2

Event: CONST- CAP WELL WORK

Start Date: 8/27/2013

End Date: 8/29/2013

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
8/27/2013	-							HOOK UP FLOWLINE & BLEED WELL DOWN, 1,600 PSI TO 50 PSI IN 5 HRS, 9:00 AM TILL 2:00 PM, SWI.
8/28/2013	-							SICP 500 PSI, MIRU, BLEED OFF WELL WENT DEAD IN 20 MIN, MIRU CUTTERS RIH W/ TEMP LOG TO 9,270' POOH. ND WH, NU BOP, PU RIH W/ 4.42" G/R TO 9,020' POOH, PU 10K 5 1/2" CIBP RIH & SET @ 8,960' POOH, PU RIH W/ BAILER & DUMP BAIL 5 SX CMT 2-RUNS. POOH, PU & RIH W/ CBL, PRESS UP CSG TO 1,000 PSI @ 700 PSI PUSHED PUP JT TO BTM OF RAMS, LOG CBL FROM 8,927' TO 3,000. PACK OFF STARTED LEAKING, BLEED OFF PRESS & GAS BUBBLES'. C/O PACK OFF RUBBER, PRESS UP TO 7-800 PSI, CONTINUE CBL LOG. EST TOC @ 3,270', RDMO CUTTERS, SWI, SDFN. Cumulative Costs = \$20,470
8/29/2013	-							P/T 5 1/2" CSG TO 4,200 PSI, 11" 5K FLANGE STARTED LEAKING @ 3,400 PSI, BLED OFF TIGHTEN FLANGE, START 4,209 PSI, LOST 70 PSI IN 10 MIN, BUMPED BACK UP LOST 62 PSI IN 10 MIN, BLED OFF TO REENTERGIZE PACKING SEAL AROUND 5 1/2" IN TBG HEAD, PRESS UP TO 4,207 PSIFOR 30 MIN, LOST 20 PSI IN 10 MIN, LOOKING BETTER. START 4,207 PSI, FINISH 4,173 PSI LOST 34 PSI IN 30 MIN. PACKING IN TBG HEAD STILL LEAKING, NEEDS PULLED OFF & REDONE. BOTH 10K CSG VALVES LEAKING, GATE & BONNET, NEED REPLACED. TEST WITNESSED BY STATE REP BART KETTLE CELL 435-820-0862. TEST CHARTED BY CAMERON. Cumulative costs = \$32,070

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN Spud Date: 11/16/2005
 Project: UTAH-UINTAH Site: THREE PINES 14-17-16-23 MN Rig Name No: GWS 1/1
 Event: RECOMPL/RESEREVEADD Start Date: 10/13/2013 End Date:
 Active Datum: RKB @7,847.00usft (above Mean Sea Level) UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/14/2013	7:00 - 16:00	9.00	SUBSPR	52	B	P		<p>RU CAMERON, REMOVED TBG HEAD REPACKED SEALS TESTED TO 5K GOOD NU TBG HEAD, NU 10 K FRAC STACK, WELL FULL. PRESSURE TESTED WELL AS BELOW</p> <p>FILL SURFACE CSG. MIRU CAMERON QUICK TEST. PRESSURE TEST CSG & FRAC VALVES 1ST PSI TEST T/ 6500 PSI. HELD FOR 5 MIN LOST 230 PSI. 2ND PSI TEST T/ 6500 PSI HELD FOR 5 MIN LOST 209 PSI 3RD PSI TEST T/ 6500 PSI HELD FOR 20 MIN LOST 933 PSI 4TH PSI TEST T /6500 PSI HELD FOR 5 MIN LOST 164 PSI NO COMMUNICATION OR MIGRATION WITH SURFACE CSG BLEED OFF PSI. RD TEST TRUCK WILL RETEST IN AM</p>
10/15/2013	7:00 - 15:00	8.00	SUBSPR	52	B	P		<p>FILLED SUFACE WITH + OR - 5 BBLS H2O, RU CAMERON TEST TRUCK</p> <p>FILL SURFACE CSG. MIRU CAMERON QUICK TEST. PRESSURE TEST CSG & FRAC VALVES 1ST PSI TEST T/ 5000 PSI. HELD FOR 15 MIN LOST 180 PSI 2ND PSI TEST T/ 5500 PSI HELD FOR 15 MIN LOST 102 PSI 3RD PSI TEST T/ 6560 PSI HELD FOR 15 MIN LOST 58 PSI NO COMMUNICATION OR MIGRATION WITH SURFACE CSG BLEED OFF PSI.</p> <p>RU WL DUMP BAILED 65' ADDITIONAL CEMENT ON CIBP @ 8,960 SWIFN</p>
10/16/2013	12:00 - 15:00	3.00	SUBSPR	37		P		<p>MIRU CUTTERS WL. PU 3 1/8 EXP GUNS, 19 GM, .40 HOLE SIZE. RIH PERFED 1ST STG MANCOS 8537 TO 8651, W/ 30 HOLES, 3 SPF. POOH. PU RIH SET GUAGES SET @ 8594.</p> <p>RU WEATHERFORD PRESSURE TEST PUMP LINES T/ 6200 PSI GOOD BROKE DOWN PERFS @ 4,111 PSI PUMPED 40 BBLS @ 2.5 BPM , AVG PRESSURE 3157 PSI ISIP 2585 . 5 MIN ISIP 2525. SWI FOR 4 DAYS FOR D-FIT.</p>
10/20/2013	9:00 - 9:15	0.25	SUBSPR	48		P		HSM. WORKING AROUND WL.
	9:15 - 15:00	5.75	SUBSPR	35	E	P		<p>POOH W/ D-FIT TOOLS. SWI. READY T/ FRAC.</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/22/2013	7:00 - 7:15	0.25	FRAC	48		P		HSM. HIGH PSI LINES.
	7:15 - 12:00	4.75	FRAC	36	B	P		MIRU WEATHERFORD FRAC SERV. PSI TEST FRAC LINES T/ 7680 PSI. HELD FOR 15 MIN. LOST 324 PSI. GOOD TEST. BLEED OFF PSI. OPEN WELL BEG FRACING. WELL HEAD 1420 PSI, BRK DOWN 4460 PSI @ 5.2 BPM. INT ISIP 3211 PSI, FG. 0.81. PUMP 73,790# 40/70 SAND W/ 11.9 BBLS ACID, 698 BBLS SLICKWATER, 1715 BBLS X-LINKED GEL. FINAL ISIP 4932 PSI, FG 1.0, NET PSI 1721 PSI. MAX PSI = 6422 PSI, MAX RT = 50.5 BPM. AVG PSI = 5855 PSI, AVG RT = 42.1 BPM. USED 23# X-LINK FLUID. ((CUT SAND SHORT BY 24,362 #. DUE T/ PSI INCR. RAMPED SAND T/ 2.0 PPG MAX.))
	12:00 - 15:00	3.00	FRAC	34	I	P		SWI. RDMO WEATHERFORD FRAC CREW. MIRU CUTTERS WL. PU 5 1/2 HAL CBP. RIH SET CBP @ 8462'. POOH, SWI. RDMO CUTTERS WL. READY FOR DRL OUT.
10/23/2013	12:00 - 12:15	0.25	DRLOUT	48		P		HSM. SLIP, TRIPS & FALLS.
	12:15 - 18:00	5.75	DRLOUT	30	A	P		MIRU RIG, SPOT EQUIP. ND FRAC VALVE. NU BOP. SWIFN.
10/24/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. SLIP, TRIPS & FALLS
	7:00 - 20:00	13.00	DRLOUT	31	I	P		OPEN WELL 0 PSI. PREP & TALLY NEW 2 3/8 L-80 TBG. PU 4 5/8 BIT, X-DART, PUMP OPEN BS & 1.875 XN-NIP. RIH W/ 266 JTS, TAG SAND @ 8452'. LD 1 JT. PU 7 1/16 TBG HNGR. LAND TBG.
	20:00 - 20:00	0.00	DRLOUT	30	F	P		NU PIPE RAM SINGLE. NU DRL HEAD RUBBER. UNLAND TBG. LD TBG HNGER. RU DRL EQUIP. SWIFN.
10/25/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. HAND RAILS & WHIP CHECKS

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 15:00	8.00	DRLOUT	44	C	P		<p>OPEN WELL 0 PSI. RU DRL EQUIP & PUMP, LINES. BRK CONV CIRC. DRL OUT 10' SAND & CBP @ 8462' IN 15 MIN. 300 PSI INCR. CONT RIH. TAG CMT TOP @ 8800'. RD DRL EQUIP. POOH, LD 10 JTS. PU 7 1/16 x 23/8 CAMERON TBG HNGR. LAND TBG. AFTER LANDING TBG CSG IMMEDIATELY T/ 1700 PSI. RD TBG EQUIP & RIG FLOOR. LD TBG W/ KB =====> 20.00 7 1/16 TBG HNGR =====> 1.00 267 JTS 2 3/8 L-80 TBG =====> 8478.83 1.875 XN & P OPEN BS =====> 3.30 EOT @ 8503'</p> <p>ND BOP. NU WH. DROP BALL. PUMP BIT OPEN W/ 3000 PSI. RU FLOW LINE T/ WEATHERFORD MANIFOLD. OPEN WELL T/ FBT. SICP @ 1700 PSI. SITP @ 1700 PSI. AFTER OPEN TBG. TBG PSI BLED DOWN T/ 25 PSI & CSG DOWN T/ 0 PSI IMMEDIATELY. WELL INT UNLOADING 100 BPH BUT FALLING QUICKLY. RDMO RIG. ROAD RIG T/ KELLY CANYON LOC. HSM. HIGH PSI LINES.</p>
10/29/2013	8:15 - 8:30	0.25	FLOWBK	48		P		
	8:30 - 15:00	6.50	FLOWBK	33	D	P		FOAMED WELL AROUND 2 TIMES. RECOVERD 233 BBLs FLUID.
11/1/2013	7:45 - 8:00	0.25	FLOWBK	48		P		HSM. HIGH PSI LINES
	8:00 - 15:00	7.00	FLOWBK	33	G	P		FOAM WELL AROUND.
11/2/2013	7:45 - 8:00	0.25	FLOWBK	48		P		HSM. HIGH PSI
	8:00 - 15:00	7.00	FLOWBK	33	G	P		UNLOAD WELL W/ FOAM UNIT
11/5/2013	6:45 - 7:00	0.25	FRAC	48		P		HSM. ROADING RIG.
	7:00 - 14:00	7.00	FRAC	30	G	P		ROAD RIG F/ NBU 922-34M T/ THREE PINES.
	14:00 - 18:00	4.00	FRAC	30	A	P		MIRU RIG. SPOT EQUIP.SDFN.
11/6/2013	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. PINTCH POINTS
	7:00 - 17:00	10.00	FLOWBK	31	I	P		<p>WH PSI @ 300 PSI. BLOW WELL DOWN T/ RIG TANK. ND WH. NU BOP. RU FLOOR & TBG EQUIP. UNLAND TBG. LD 7 1/16 TBG HNGR. RIG PUMP T/ TBG. PUMP 150 BBLs T-MAC. WELL STARTED T/ CIRC. PUMP TOTAL OF 220 BBLs. RECOVER 30 BBLs. SHUT DOWN F/ PUMPING. POOH LD 2 3/8 TBG =267 JTS. TBG LOOKED LIKE NEW. LD XN-NIP & POBS. SWIFN.</p>
11/7/2013	6:45 - 7:00	0.25	FRAC	48		P		HSM. PINTCH POINTS

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 17:00	10.00	FRAC	31	I	P		SIWP = 0 PSI OPEN WELL T/ FBT.RIG PUMP T/ CSG. FILL CSG W/ 40 BBLS. COUGHT PSI. PUMP TOTAL OF 60 BBLST-MAC. WELL PRESSERD UP T/ 3000 PSI. SHUT DOWN F/ PUMPING. BLEED OFF PSI. PU NOTCH COLLAR. RIH W/ 267 JTS EOT @ 8475'. RIG PUMP T/ TBG. BRK CONV CIRC. PUMP 240 BBLS, CIRC WELL CLEAN. SHUT DOWN CIRC. XO TBG EQUIP. POOH, LD 99 JTS. SWIFN. EOT @ 5326'.
11/8/2013	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. SIME OPS
	7:00 - 10:00	3.00	FLOWBK	31	I	P		OPEN WELL 0 PSI. CONT POOH LD TBG & BHA. LD TOTAL OF 267 JTS
	10:00 - 12:00	2.00	FLOWBK	34	I	P		MIRU CUTTERS WL. PU 5 1/2, 12K HAL CBP. RIH SET CBP @ 8339'. POOH. RD CUTTERS.
	12:00 - 14:30	2.50	FLOWBK	47	A	P		ND BOP. NU 7 1/16, 10K FRAC VALVE. PSI TEST CBP T/ 2000 PSI. GOOD TEST. RDMO RIG. RACK OUT RIG EQUIP. ROAD RIG T/ KELLY CANYON.
	14:30 - 16:00	1.50	FLOWBK	37	B	P		RU CUTTERS WL W/ CRANE TRUCK. PU 3 1/8 PERF GUN, 19 GM, .40 HOLE SIZE. 120 DEG PHASING. RIH PERF AS DESIGNED. POOH.
	16:00 - 18:00	2.00	FLOWBK	35	E	P		PU DOWN HOLE D-FIT GAUGES. (3 GAUGES IN TOOL, ONE LIVE) RIH SET GAUGES @ 8196'.
	18:00 - 19:00	1.00	FLOWBK	52	F	P		MIRU WEATHERFORD PUMP TRUCK. OPEN WELL 125 PSI. BEG INJECTION TEST. BRK @ 3034 PSI, RT 2.1 BPM. PUMP 4 BBLS T/ FILL & BRK. PUMP 20 BBLS FOR INJECTION TEST. SHUT DOWN PUMPING. ISIP 2161 PSI, FG .70. 5 MIN ISIP 1877 PSI. RDMO WEATHERFORD PUMP TRUCK. SDFN.
11/16/2013	7:15 - 7:30	0.25	FLOWBK	48		P		HSM. DO NOT WORK UNDER WL.
	7:30 - 9:30	2.00	FLOWBK	35	E	P		POOH W/ D-FIT GAUGES. RDMO CUTTERS WL. COULD NOT STOP EVERY 500'. GREASE HEAD WOULD FREEZE UP.
	9:30 - 11:30	2.00	FLOWBK	40	D	P		MIRU JDM HOT OIL TRUCK. PUMP 15 BBLS XYLENE W/ ASPHALTENE INHB & SOLVENT. FLUSH W/ 5 BBLS T-MAC. SWI. READY FOR FRAC.
11/18/2013	8:45 - 9:00	0.25	FRAC	48		P		HSM. HIGH PSI LINES.

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	9:00 - 13:30	4.50	FRAC	36	B	P		MIRU WEATHERFORD FRAC CREW. PSI TEST FRAC LINES T/ 7630 PSI. GOOD TEST. BLEED OFF PSI. OPEN WELL 1599 PSI. WHP 1595 PSI, BRK 3988 PSI @ 4.7 BPM. ISIP 2525 PSI, FG .74 FINAL ISIP 1706 PSI, FG. 0.64. MP = 6648 PSI, MR = 54 BPM. AP = 5224 PSI, AR = 47 BPM. 5 MIN = 1566 PSI. 10 MIN = 1523 PSI. 15 MIN = 1481 PSI. SWI. RDMO FRAC CREW. TOTAL SAND PUMPED = 100,200 LBS. TOTAL FLUID PUMPED TODAY = 2782 BBLS.
	13:30 - 16:00	2.50	FRAC	34	I	P		RU CUTTERS WL. PU 5 1/2, 8K HAL KILL PLUG. RIH SET KILL PLUG @ 8110'. POOH, SWI. READY FOR DRL OUT.
11/19/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. PINTCH POINTS WHILE PU TBG.
	7:00 - 8:00	1.00	DRLOUT	30	A	P		ROAD RIG F/ KELLY CANYON. MIRU RIG. SPOT EQUIP.
	8:00 - 17:00	9.00	DRLOUT	31	I	P		OPEN WELL 0 PSI. ND FRAC 7 1/16, 10K FRAC VALVES. NU BOP. RU FLOOR & RIG EQUIP. PU 4 5/8 BIT, XO, X-DART, PUMP OPEN BIT SUB & 1.875 XN. RIH W/ 248 JTS 2 3/8, L-80 TBG. (PICKING UP OFF TBG FLOAT) EOT @ 7862'. SWIFN.
11/20/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. STAY OFF RIG FLOOR WHILE SWIVEL IS TURNING

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 13:00	6.00	DRLOUT	44	C	P		<p>OPEN WELL 0 PSI. CONT RIH W/ TBG F/ 7943'. TAG SAND @ 8100' W/ 255 JTS 2 3/8, L-80 TBG. RU DRL EQUIP. PSI TEST BOP T/ 3000 PSI. GOOD TEST. BLEED OFF PSI. BRK CONV CIRC. DRL OUT KILL PLUG @ 8110' IN 10 MIN. 250 PSI INCR. CONT RIH TAG SAND @ 8239'. CO T/ TOP OF ISO PLUG @ 8339'. CIRC WELL CLEAN W/ 320 BBLs T-MAC. AFTER CIRC BTM UP, TRACE OF OIL AND HEAVY GAS CUT FLUID</p> <p>RD DRL EQUIP. POOH W/ 7 JTS. PU 7 1/16 TBG HGR. LAND TBG W/ KB =====> 20.00 7 1/16 CAMERON HGR =====> 1.00 255 JTS 2 3/8 L-80 =====> 8097.50 POBS, XN NIP =====> 4.40 EOT @ 8122.90 ND BOP. NU WH. DROP BALL. PUMP BIT OPEN W/ 2900 PSI. RU FLOW LINE THROUGH MANIFOLD. SICP = 1200 PSI. SITP = 900 PSI. OPEN WELL ON 20/64 CHOKE. TURN WELL OVER T/ FBC.</p> <p>RDMO RIG. ROAD RIG T/ GNB.</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/24/2013	12:00 - 21:00	9.00	FLOWBK	42	B	P		<p>OVERNIGHT BUILD UP: SICP: 1250 PSI; SITP: 420 PSI. OPEN WELL ON 32/64TH CHOKE, WELL UNLOADED 37 BBLS BEFORE IT STOPPED BRINGING FLUID.</p> <p>MIRU SWAB RIG. CHANGE WELLHEAD FLANGE & RU TO SWAB TBG.</p> <p>RUN #1: CSG: 1050 PSI; FL: 700'; SWAB DEPTH: 6500'. FLUID RECOVERED = 21 BBLS. TBG ON SLIGHT BLOW.</p> <p>RUN #2: CSG : 950 PSI; FL:1900'; SWAB DEPTH: 6900'; FLUID RECOVERED = 11 BBLS; TBG ON SLIGHT BLOW.</p> <p>RUN #3: CSG: 890 PSI; FL: 1900'; SWAB DEPTH: 5600'; FLUID RECOVERED: 11 BBLS, TBG ON SLIGHT BLOW.</p> <p>RUN #4: CSG: 850 PSI; FL: 1900'; SWAB DEPTH: 5600'; FLUID RECOVERED: 11 BBLS, TBG ON SLIGHT BLOW.</p> <p>RUN #5: CSG: 840 PSI; FL: 2200'; SWAB DEPTH: 6200'; FLUID RECOVERED: 11 BBLS, TBG BLOWING.</p> <p>RUN #6: CSG: 800 PSI; FL: 2600'; SWAB DEPTH: 6800'; FLUID RECOVERED: 13 BBLS, TBG BLOWING.</p> <p>RUN #7: CSG: 790 PSI; FL: 3500'; SWAB DEPTH: 7300'; FLUID RECOVERED: 5 BBLS, TBG BLOWING. PLUG PART FOUND IN SWAB CUP.</p> <p>RUN #8: CSG: 790 PSI; FL: 3800'; SWAB DEPTH: 7700'; FLUID RECOVERED: 8 BBLS, TBG BLOWING.</p> <p>RUN #9: CSG: 750 PSI; FL: 4000'; SWAB DEPTH: 7700'; FLUID RECOVERED: 8 BBLS, TBG BLOWING. SAND FOUND IN SWAB CUP.</p> <p>RUN #10: CSG: 740 PSI; FL: 4200'; SWAB DEPTH: 7700'; FLUID RECOVERED: 8 BBLS, TBG STARTED TO FLOW STRONG GAS.</p> <p>ATTEMPTED TO PUT WELL TO SALES, SAND TRAP IMMEDIATELY FROZE, ATTEMPTED TO THAW EQUIPMENT BUT WELL STOPPED BRINGING FLUID. SWIFN & WINTERIZE WELLHEAD. SICP: 450 PSI; SITP: 390 PSIL. 5 ADDITIONAL BBLS OF OIL IN FLOWBACK TANK.</p> <p>THAW OUT FLOWBACK EQUIP AND PREP TO FLOW IN A.M.</p> <p>TOTAL FLUID RECOVERED TODAY: 135 BBLS</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
								TOTAL FLUID RECOVERED: 429 BBLS (15% OF FRAC LOAD)
11/25/2013	5:00 - 11:00	6.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 750 PSI, SITP = 450 PSI. OPEN WELL T/ FLOWBACK EQUIP & FLARE ON 32/64 CHOKE. INITIAL RATE = 500 MCFD. RATE DROPPED TO 20 MCFD WITHIN 20 MINUTES AND NEVER BROUGHT FLUID. OPEN WELL T/ FBT & PREPARE TO SWAB.</p> <p>RUN #1: CSG: 750 PSI, FL: 4600', SWAB DEPTH: 5800', FLUID RECOVERED = 10 BBLS. 100% WATER. TBG ON BLOW.</p> <p>RUN #2: CSG: 750 PSI, FL: 4800', SWAB DEPTH: 7700', FLUID RECOVERED = 10 BBLS. 100% WATER. TBG ON BLOW.</p> <p>RD SWAB RIG, ROAD RIG T/ KELLY CANYON 10-8-16-22. SWI & MONITOR PSI BUILDUP. ATTEMPT TO FLOW WELL IN A.M.</p>
11/27/2013	9:00 - 16:00	7.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 1350 PSI, SITP: 210 PSI. OPEN WELL T/ FBT TO BLEED OFF PSI. NO FLUID FLUID RETURNS.</p> <p>RU SWAB RIG TO TBG.</p> <p>RUN #1: CSG: 1400 PSI; FL: 3500'; SWAB DEPTH: 6800'; FLUID RECOVERED: 15 BBLS WATER, 0.5 BBL OIL. WELL ON LIGHT BLOW.</p> <p>RUN #2: CSG: 1370 PSI; FL: 3200'; SWAB DEPTH: 5600'; FLUID RECOVERED: 5 BBLS WATER; WELL ON LIGHT BLOW.</p> <p>RUN #3: CSG: 1340 PSI; FL: 3200'; SWAB DEPTH: 6500'; FLUID RECOVERED: 8 BBLS WATER; WELL ON LIGHT BLOW.</p> <p>RUN #4: CSG: 1180 PSI; FL: 2500'; SWAB DEPTH: 7900'; FLUID RECOVERED: 25 BBLS WATER; WELL KICKED OFF & FLOWING STRONG.</p> <p>SEND WELL THRU FLOWBACK EQUIP AND CHOKE BACK TO 14/64TH. GAS RATE = 1.3 MMCFD. COLLECT OIL SAMPLES, MONITOR FLOWRATE AND PSI FOR APPROX 3 HRS UNTIL WELL DIED. SWIFH AND WINTERIZE WELLHEAD. CUM GAS FLARED TODAY= 92 MCF</p> <p>TOTAL FLUID RECOVERED TODAY = 40 BBLS TOTAL FLUID RECOVERED = 450 BBLS (16% OF FRAC LOAD)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/30/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>3 DAY PSI BUILDUP: SICP: 1200 PSI; SITP: 450 PSI. OPEN WELL ON 20/64TH THRU FLOWBACK EQUIIP. FLARED 35 MCF AND TBG DROPPED TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 1200 PSI, FL: 3500'; SWAB DEPTH: 6100'; FLUID RECOVERED: 10 BBLS, 100% WTR, TBG ON BLOW.</p> <p>RUN #2: CSG: 1220 PSI, FL: 4300'; SWAB DEPTH: 6500'; FLUID RECOVERED: 10 BBLS, 100% WTR, TBG ON BLOW.</p> <p>RUN #3: CSG: 1180 PSI, FL: 4400'; SWAB DEPTH: 6900'; FLUID RECOVERED: 10 BBLS, 100% WTR, TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 14/64TH.</p> <p>WELL FLOWED FOR 3 HRS, RECOVERED 10 BBLS WTR & 1 BBL OIL. FLARED 97 MCF. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 40 BBLS WTR, 1 BBL OIL TOTAL GAS FLARED TODAY = 132 MCF TOTAL FLUID RECOVERED = 490 BBLS (17.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/1/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 440 PSI, SITP: 160 PSI. OPEN WELL ON 24/64TH THRU FLOWBACK EQUIP. FLARED 6 MCF AND TBG WENT TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 530 PSI, FL: 4500'; SWAB DEPTH: 6200'; FLUID RECOVERED: 3 BBLS, 100% WTR, TBG ON BLOW.</p> <p>RUN #2: CSG: 510 PSI, FL: 7000'; SWAB DEPTH: 7700'; FLUID RECOVERED: 4 BBLS, 100% WTR, TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 24/64TH.</p> <p>WELL FLOWED FOR 2 HRS, RECOVERED 0.5 BBL OIL, FLARED 23 MCF.</p> <p>RUN #3: CSG: 320 PSI; FL: 7400'; SWAB DEPTH: 7700'; FLUID RECOVERED: 5 BBLS WTR. TBG STARTED TO FLOW. SEND THRU FLOWBACK EQUIP ON 32/64TH.</p> <p>WELL FLOWED FOR 1.5 HRS, RECOVERED 0.5 BBL OIL, FLARED 16 MCF. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 12 BBLS WTR, 1 BBL OIL TOTAL GAS FLARED TODAY = 45 MCF TOTAL FLUID RECOVERED = 502 BBLS (18%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/2/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 500 PSI; SITP: 175 PSI. OPEN WELL ON 26/64TH CHOKE THRU FLOWBACK EQUIP. FLARED 14 MCF AND TBG PSI WENT TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 525 PSI, FL: 6400'; SWAB DEPTH: 7700'; FLUID RECOVERED: 5 BBLS, 100% WATER. WELL BEGAN TO FLOW, SEND WELL THRU FLOWBACK EQUIP. WELL FLOWED FOR 2.5 HRS & RECOVERED 0.25 BBLS OF OIL & 41 MCF.</p> <p>RUN #2: CSG: 150 PSI; FL: 7800'; SWAB DEPTH: 8100'; FLUID RECOVERED: 1 BBL WATER, SEND WELL THRU FLOWBACK EQUIP. WELL FLOWED FOR 1 HR & RECOVERED 0.25 BBLS OIL & 12 MCF.</p> <p>SWIFN FOR PSI BUILDUP. SICP: 20 PSI; SITP: 20 PSI. WINTERIZE WELLHEAD.</p> <p>FLUID RECOVERED TODAY = 10 BBLS WTR & 0.5 BBLS OIL TOTAL GAS FLARED TODAY = 66 MCF TOTAL LOAD RECOVERED = 512 BBLS (18%)</p>
12/3/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 350 PSI; SITP: 125 PSI. OPEN WELL ON 24/64TH CHOKE THRU FLOWBACK EQUIP. FLARED 12 MCF & TBG PSI FELL TO 0 PSI. NO FLUID RETURNS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 350 PSI; FL: 6800'; SWAB DEPTH: 8000'; FLUID RECOVERED: 7 BBLS, 100% WTR. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP, WELL FLOWED STRAIGHT GAS FOR 2 HRS, NO FLUID. 43 MCF FLARED.</p> <p>RUN #2: CSG: 140 PSI; FL: 7800'; SWAB DEPTH: 8000', FLUID RECOVERED: 2 BBLS; 100% WTR. WELL STARTED FLOWING. UNLOADED 5 BBLS WTR & FLOWED STRAIGHT GAS FOR 45 MIN. 16 MCF FLARED.</p> <p>RUN #3: CSG: 140 PSI; FL: 7900'; SWAB DEPTH: 8000', FLUID RECOVERED: 0.5 BBLS; 100% WTR. WELL STARTED FLOWING STRAIGHT GAS FOR 45 MIN. 14 MCF FLARED. LESS THAN 0.25 BBLS OF OIL FOUND IN TEST SEP.</p> <p>SWIFN & WINTERIZE WELLHEAD.</p> <p>FLUID RECOVERED TODAY= 10 BBLS TOTAL GAS FLARED TODAY = 85 MCF TOTAL FLUID RECOVERED = 528 BBLS (19%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/4/2013	7:00 - 14:00	7.00	FLOWBK	42	B	W		<p>OVERNIGHT PSI BUILDUP: SICP = 350 PSI, SITP= 150 PSI. OPEN WELL ON 32/64TH THRU FLOWBACK EQUIP. FLARED 13 MCF & TBG WENT TO 0 PSI. NO FLUID RETURNS.</p> <p>WAIT ON SWAB CREW TO REACH LOCATION. STUCK IN SNOW DRIFT ON BOOK CLIFF DIVIDE ROAD. SNOW DRIFTS 3-4' DEEP. WAIT ON ROAD GRADER.</p>
	13:00 - 17:00	4.00	FLOWBK	42	B	P		<p>SWAB CREW ARRIVED ON LOCATION. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 460 PSI; FL: 6700'; SWAB DEPTH: 8000', FLUID RECOVERED: 7 BBLS WTR. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP. WELL FLOWED FOR 3 HRS. NO FLUID RECOVERED. FLARED 58 MCF. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 7 BBLS WTR TOTAL GAS FLARED TODAY = 71 MCF TOTAL FLUID RECOVERED = 535 BBLS (19%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/5/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 420 PSI; SITP: 120 PSI. OPEN WELL ON 28/64TH THRU FLOWBACK EQUIP. FLARED 7 MCF & TBG WENT TO 0 PSI. NO FLUID RETURNRS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 400; FL: 6400', SWAB DEPTH: 8000'; FLUID RECOVERED: 6 BBLS WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP ON 28/64TH. WELL FLOWED FOR 2 HRS & FLARED 47 MCF. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 190 PSI, FL: 6800', SWAB DEPTH: 8000'; FLUID RECOVERED: 5 BBL, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 1 HR & FLARED 13 MCF. NO FLUID RETURNS.</p> <p>RUN #3: CSG: 140 PSI, FL: 7800', SWAB DEPTH: 8000'; FLUID RECOVERED: 3 BBL, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.</p> <p>SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 7 MCF. NO FLUID RETURNS. SWIFN AND WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY= 14 BBLS WTR, 0.25 BBLS OIL TOTAL GAS FLARED TODAY = 76 MCF TOTAL FLUID RECOVERED = 549 BBLS (19%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/6/2013	7:00 - 20:00	13.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 300 PSI; SITP: 100 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 11 MCF & TBG WENT TO 0 PSI. NO FLUID RETURNRS.</p> <p>RU TO SWAB TBG.</p> <p>RUN #1: CSG: 300; FL: 7000', SWAB DEPTH: 8000'; FLUID RECOVERED: 4 BBLS WTR, 0.5 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 1 HR & FLARED 35 MCF. TRACE OF CONDENSATE SHOWED UP IN TEST SEPARATOR.</p> <p>RUN #2: CSG: 160 PSI, FL: 7700', SWAB DEPTH: 8000'; FLUID RECOVERED: 1.25 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 1 HR & FLARED 7 MCF. NO FLUID RETURNS.</p> <p>RUN #3: CSG: 120 PSI, FL: 7800', SWAB DEPTH: 8000'; FLUID RECOVERED: 1 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 8 MCF. TRACE ON CONDENSATE IN TEST SEPARATOR.</p> <p>RUN #4: CSG: 115 PSI, FL: 7700', SWAB DEPTH: 8000'; FLUID RECOVERED: 1 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 6 MCF. NO FLUID RETURNS</p> <p>RUN #5: CSG: 115 PSI, FL: 7950', SWAB DEPTH: 8000'; FLUID RECOVERED: 0.5 BBL WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW.SEND WELL THRU FLOWBACK EQUIP ON 48/64TH. WELL FLOWED FOR 30 MIN & FLARED 4 MCF. NO FLUID RETURNS. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY= 8 BBLS WTR, 1.5 BBLS OIL TOTAL GAS FLARED TODAY = 71 MCF TOTAL FLUID RECOVERED = 555 BBLS (19.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/9/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>TWO DAY PSI BUILDUP: SICP: 820 PSI; SITP: 120 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 17 MCF AND TBG WENT TO 0 PSI. NO FLUID RETURNS. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 830 PSI, FL: 6000'; SWAB DEPTH: 8000'; FLUID RECOVERED = 8 BBLS WTR, 1 BBL OIL/CONDENSATE. TBG STARTED TO FLOW. TURN WELL THRU FLOWBACK EQUIP ON 20/64TH CHOKE. WEL FLOWED FOR 2.5 HRS & FLARED: 57 MCF. NO OBVIOUS FLUID RETURNS BUT WELL MADE APPROX 0.1 BBLS OF CONDENSATE IN TEST SEPARATOR.</p> <p>RUN #2: CSG: 110 PSI, FL: 7975'; SWAB DEPTH: 8000'; FLUID RECOVERED = 0.25 BBLS WTR, TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 1 MCF.</p> <p>RUN #2: CSG: 140 PSI, FL: 7700'; SWAB DEPTH: 8000'; FLUID RECOVERED = 1.5 BBLS WTR, TRACE OF OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 10 MCF.</p> <p>SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 10 BBLS WTR, 1.25 BBLS OIL TOTAL GAS FLARED TODAY = 85 MCF. TOTAL FLUID RECOVERED = 565 BBLS (20%)</p>
12/10/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 250 PSI; SITP: 85 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 8 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 215 PSI, FL: 7600'; SWAB DEPTH: 8000'; FLUID RECOVERED = 5 BBLS WTR, 0.25 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 15 MCF IN 1 HR. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 155 PSI, FL: 7400'; SWAB DEPTH: 8000'; FLUID RECOVERED = 5 BBLS WTR, 0.1 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 8 MCF IN 1 HR; NO FLUID RETURNS. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 10 BBLS WTR, 0.35 BBLS OIL TOTAL GAS FLARED TODAY = 31 MCF TOTAL FLUID RECOVERED = 575 BBLS (20.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud Date: 11/16/2005

Project: UTAH-UINTAH

Site: THREE PINES 14-17-16-23 MN

Rig Name No: GWS 1/1

Event: RECOMPL/RESEREVEADD

Start Date: 10/13/2013

End Date:

Active Datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/11/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 315 PSI; SITP: 94 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 10 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 200 PSI, FL: 7000'; SWAB DEPTH: 8000'; FLUID RECOVERED = 4 BBLS WTR, 0.5 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 15 MCF IN 1 HR. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 110 PSI, FL: 7900'; SWAB DEPTH: 8000'; FLUID RECOVERED = 0.5 BBLS WTR, 0.25 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 4 MCF IN 1 HR; NO FLUID RETURNS.</p> <p>RUN #3: CSG: 110 PSI, FL: 7900'; SWAB DEPTH: 8000'; FLUID RECOVERED = 0.5 BBLS WTR, 0.25 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 2 MCF IN 30 MIN; NO FLUID RETURNS. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 5 BBLS WTR, 1 BBL OIL TOTAL GAS FLARED TODAY = 31 MCF TOTAL FLUID RECOVERED = 580 BBLS (20.5%)</p>
12/12/2013	7:00 - 17:00	10.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 320 PSI; SITP: 84 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 6 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 220 PSI, FL: 6800'; SWAB DEPTH: 8000'; FLUID RECOVERED = 3 BBLS WTR, 0.1 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 16 MCF IN 1.5 HR. NO FLUID RETURNS.</p> <p>RUN #2: CSG: 105 PSI, FL: 7700'; SWAB DEPTH: 8000'; FLUID RECOVERED = 1.5 BBLS WTR, 0.1 BBLS OIL. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 6 MCF IN 1 HR; NO FLUID RETURNS.</p> <p>RUN #3: CSG: 70 PSI, FL: 7950'; SWAB DEPTH: 8000'; NO FLUID RECOVERED. SWIFN & WINTERIZE WELLHEAD.</p> <p>TOTAL FLUID RECOVERED TODAY = 4.5 BBLS WTR, 0.25 BBL OIL TOTAL GAS FLARED TODAY = 28 MCF TOTAL FLUID RECOVERED = 585 BBLS (20.5%)</p>

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/13/2013	7:00 - 12:00	5.00	FLOWBK	42	B	P		<p>OVERNIGHT PSI BUILDUP: SICP: 290 PSI; SITP: 110 PSI. OPEN WELL ON 48/64TH THRU FLOWBACK EQUIP. FLARED 7 MCF AND TBG WENT TO 0 PSI. RU TO SWAB TBG.</p> <p>RUN #1: CSG: 195 PSI, FL: 7400'; SWAB DEPTH: 8000'; FLUID RECOVERED = 2 BBLS WTR, 0.25 BBLS OIL/CONDENSATE. TBG STARTED TO FLOW. SEND WELL THRU FLOWBACK EQUIP ON 48/64TH AND FLARED 12 MCF IN 1 HR. NO FLUID RETURNS.</p> <p>SWI, RD SWAB RIG; ROAD RIG TO GNB. RD FLOWBACK EQUIP.</p> <p>FLOWBACK TESTING COMPLETE.</p> <p>TOTAL FLUID RECOVERED: 586 BBLS WTR (21% OF FRAC LOAD) TOTAL OIL/CONDENSATE RECOVERED: 14 BBLS ESTIMATED TOTAL GAS FLARED: 1020 MCF</p>
1/9/2014	13:00 - 18:00	5.00	FLOWBK	33	F	P		<p>WELL HAS BEEN SI SINCE 12/13/13 (27 DAYS)</p> <p>SICP = 1842 PSI SITP = 1030 PSI SHOT FLUID LEVEL DWN CSG = 7546' (PBHP =2594 PSI) OPEN TBG THRU 2" LINE TO FBT T/ BLEED OFF PSI FOR WO RIG. WELL MADE STRAIGHT GAS FOR APPROX 2 MIN THEN UNLOADED 3-4 BBLS OF YELLOW TINTED CONDENSATE. WELL DIED FOR 5 MIN THEN UNLOADED 20 BBLS WTR / TRACE OF CONDENSATE. FLOWED STRAIGHT GAS FOR 4-5 HRS.</p> <p>SWIFN & DRAIN LINES. SICP = 250 PSI, SITP = 15 PSI.</p>
1/10/2014	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. OVER HEAD LOADS
	7:00 - 17:30	10.50	FLOWBK	31	I	P		<p>ROAD RIG F/ KELLY CANYON. MIRU RIG & SPOT EQUIP. SICP = 600 PSI. SITP = 300 PSI. BLOW WELL DOWN T/ 0 PSI. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 71/16 TBG HNGR. MIRU BAKER CHEM PUMP TRUCK. PUMP 37 GAL CORROSION INHB & 5 GAL SCALE INHB PILL DOWN CSG. RDMO BAKER CHEM PUMP TRUCK. RIG PUMP T/ CSG. FLUSH PILL W/ 170 BBLS T-MAC. POOH W/ TBG. LD 255 JTS 23/8 L-80 TBG. LD XN NIP, PUMP OPEN BS, XOVER & 45/8 BIT. SWIFWE.</p>
1/13/2014	6:45 - 7:00	0.25	FLOWBK	48		P		HSM. SLIP, TRIPS & FALLS

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN		Spud Date: 11/16/2005	
Project: UTAH-UINTAH		Site: THREE PINES 14-17-16-23 MN	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 10/13/2013	End Date:
Active Datum: RKB @7,847.00usft (above Mean Sea Level)		UWI: THREE PINES 14-17-16-23 MN	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 10:30	3.50	FLOWBK	37	C	P		SICP = 500 PSI. BLEED OFF WELL PSI T/ FBT. ND BOP, NU FRAC VALVE. MIRU CUTTERS WL. PU 51/2, 12K HAL CBP & 31/8 EXP GUN, 19 GM, .40 HOLE SIZE, 120 DEG PHSING. RIH SET ISO PLUG @ 7948', P/U PERF F/ 7868'-70', 3 SPF, 6 HOLES. POOH. RDMO CUTTERS WL.
	10:30 - 11:30	1.00	FLOWBK	35	E	P		MIRU DELSCO SLICK LINE TRUCK. PU 3 MEMORY GAUGES. RIH SET GAUGES @ 7869' (MID PERF).
	11:30 - 14:30	3.00	FLOWBK	33	I	P		MIRU HALLIBURTON PUMP TRUCK. OPEN WELL 100 PSI. FILL WELL W/ 146 BBLS T-MAC. CATCH PSI. WATCH FOR BRK. PRESSURE UP T/ 3659 PSI. SHUT DOWN. WL FLANGE WAS LEAKING. TIGHTEN FLANGE. BEG PUMPING AGAIN. BRK @ 3246 PSI @ 2.5 BPM. PUMP 10 BBLS. SHUT DOWN ISIP @ 2282 PSI. 5 MIN ISIP = 1483 PSI. 10 MIN ISIP = 1339 PSI. 15 MIN ISIP = 1233 PSI. SWI FOR 72 HR D-FIT. RDMO HALLIBURTON PUMP TRUCK.
1/17/2014	14:30 - 17:00	2.50	FLOWBK	35	E			ZERO PSI ON WELL. POOH W/ DFIT GUAGES STOPPING EVERY 500' FOR GRADIENT. RDMO SLICKLINE. RD FRAC VALVE, NU WH. SWI FOR WINTER.

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	1	Report Date	10/16/2013
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.		Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,537.0 (usft)-8,651.0 (usft)	Start Date/Time	10/16/2013 12:00AM
No. of Intervals	7	End Date/Time	10/16/2013 12:00AM
Total Shots	30	Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
10/16/2013 12:00AM	MANCOS B/			8,537.0	8,538.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
10/16/2013 12:00AM	MANCOS B/			8,550.0	8,551.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,582.0	8,583.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,604.0	8,606.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,622.0	8,623.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,632.0	8,634.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
10/16/2013 12:00AM	MANCOS B/			8,649.0	8,651.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	2	Report Date	11/8/2013
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.	GWS 1/1	Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,153.0 (usft)-8,239.0 (usft)	Start Date/Time	11/8/2013 12:00AM
No. of Intervals	6	End Date/Time	11/8/2013 12:00AM
Total Shots	30	Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/8/2013 12:00AM	MANCOS B/			8,153.0	8,154.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,172.0	8,174.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/8/2013 12:00AM	MANCOS B/			8,189.0	8,190.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,209.0	8,211.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,224.0	8,226.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	
11/8/2013 12:00AM	MANCOS B/			8,237.0	8,239.0	3.00		0.400	EXP/	3.125	120.00		19.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	THREE PINES 14-17-16-23 MN	Wellbore No.	OH
Well Name	THREE PINES 14-17-16-23	Wellbore Name	THREE PINES 14-17-16-23 MN
Report No.	3	Report Date	1/13/2014
Project	UTAH-UINTAH	Site	THREE PINES 14-17-16-23 MN
Rig Name/No.	GWS 1/1	Event	RECOMPL/RESEREVEADD
Start Date	10/13/2013	End Date	
Spud Date	11/16/2005	Active Datum	RKB @7,847.00usft (above Mean Sea Level)
UWI	THREE PINES 14-17-16-23 MN		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	7,868.0 (usft)-7,870.0 (usft)	Start Date/Time	1/13/2014 12:00AM
No. of Intervals	1	End Date/Time	1/13/2014 12:00AM
Total Shots	6	Net Perforation Interval	2.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
1/13/2014 12:00AM	MN34/			7,868.0	7,870.0	3.00		0.410	EXP/	3.125	120.00		19.00	PRODUCTIO N	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	9. API NUMBER: 43019314570000
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	COUNTY: GRAND
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/25/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ANADARKO E&P ONSHORE, LLC is requesting a shut-in extension until 12/31/2014. This well has been shut in since November 2013. We are currently recompleting a well in the area and while the rig is there we would like to log the shallow interval for water potential and then make a decision as to whether or not we need to P&A the well.

Approved by the
 October 7, 2014
 Oil, Gas and Mining

Date: _____

By: Doreen Green

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 9/25/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	9. API NUMBER: 43019314570000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: GRAND STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/15/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUEST TO PLUG AND ABANDON THE SUBJECT WELL. PLEASE FIND THE P&A PROCEDURE ATTACHED. THANK YOU.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 07, 2014
 By: *D. K. Kelly*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/22/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43019314570000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
 - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

10/1/2014

Wellbore Diagram

r263

API Well No: 43-019-31457-00-00 Permit No: Well Name/No: THREE PINES 14-17-16-23
 Company Name: ANADARKO E&P ONSHORE, LLC

Location: Sec: 17 T: 16S R: 23E Spot: SESW

Coordinates: X: 637295 Y: 4363562 *Plug # 6*
 Field Name: WILDCAT
 County Name: GRAND
INSIDE: 300' / (1.15) x (0.1305) = 34 SX
OUT: 300' / (1.15) x (0.2691) = 70 SX

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	
HOL1	3523	12.25			
SURF	3523	9.625 x 5 1/2"	36	3523	(0.2691) 3.716
HOL2	10495	7.875			
PROD	10495	5.5	17	10495	(0.1305) 7.661
CIBP	10125	5.5			
CIBP	9270	5.5			
CIBP	8960	5.5			
CIBP	10447	5.5			

4/CU

104 SX Reg TOC @ SFC V.O.K.

Plug # 5

** Set CICK @ 1250*
INSIDE: 250' / (1.15) x (0.1305) = 28 SX
OUT: 250' / (1.15) x (0.2691) = 59 SX

87 SX TOC @ 1050' V.O.K.

70 SX TOC @ 2400' V.O.K.

Plug # 4

** Set CICK @ 2550'*
INSIDE: 200' / (1.15) x (0.1305) = 23 SX
OUT: 200' / (1.15) x (0.2691) = 47 SX

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
CIBP	8960	8925	UK	5
PROD	10495	3284	50	870
PROD	10495	3284	V	310
SURF	3523	0	LT	630
SURF	3523	0	V	250

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
10179	10196			
9629	9657			
8966	9034			
8153	8651			
7868	7870			

Plug # 3
INSIDE: Above 300' / (1.15) x (0.1305) = 34 SX
Below 50' / (1.15) x (0.1305) = 6 SX
OUT: 100' / (1.15) x (0.2691) = 23 SX

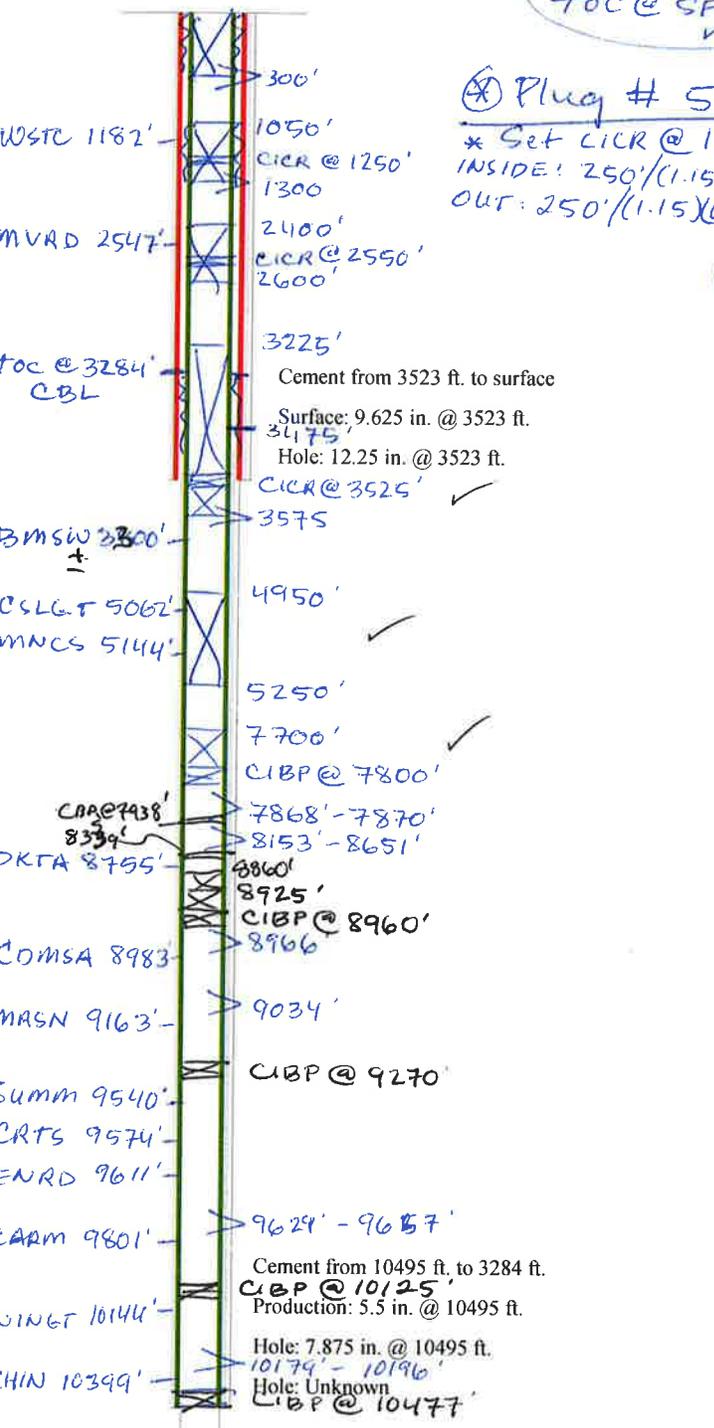
63 SX TOC @ 3225' OUT TOC @ 3475'

Formation Information

Formation	Depth
WSTC	1182
MVRD	2547
BMSW	± 300
CSLGT	5062
MNCS	5144
DKTA	8755
CDMSA	8983
MRSN	9163
SUMM	9540
CRTS	9574
ENRD	9611
CARM	9801
WINGT	10144
CHIN	10399

Plug # 2
(35 SX) x (1.15) x (7.661) = 308'
TOC @ 4950'

Plug # 1
(12 SX) x (1.15) x (7.661) = 105'
TOC @ 7700'



TD: 10747 TVD: 10747 PBD: 7948

THREE PINES 14-17-16-23
760' FNL & 2293' FWL
SESW SEC. 17, T16S, R23E
Grand County, UT

KBE: 7847'
GLE: 7827'
TD: 10747'
PBTD: 7949'

API NUMBER: 4301931457
LEASE NUMBER: ML-47572

CASING : 9 5/8", 36# K-55 ST&C @ 3,525'
 Surface Casing
 5 1/2", 17#, P-110 LT&C @ 10,495'
TOC @ 3271' per CBL log

TUBING: None

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.0039
5.5" 17# J-55	4.892	4910	5320	0.9764	0.1305	0.02324
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 5 1/2" 17# csg				0.7013	0.0937	0.0167
5.5" csg X 9 5/8" 36# csg				2.0128	0.2691	0.0479
5.5" csg X 7.875 borehole				1.4407	0.1926	0.0343
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Three Pines 14-17-16-23	
Fm Name	MD
Top Wasatch	1182
Top Mesaverde	2547
Top Segoe	4615
Top Castlegate	5062
Top Mancos	5114

USDW Elevation ~4500' MSL
 USDW Elevation ~3347' KBE

PERFORATIONS:

Legal Well Name	Zone Name	MD Top (ft)	MD Base (ft)	Effective Date	Status
THREE PINES 14-17-16-23	MN34	7,868.00	7,870.00	1/13/2014	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,153.00	8,154.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,172.00	8,174.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,189.00	8,190.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,209.00	8,211.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,224.00	8,226.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,237.00	8,239.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,537.00	8,538.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,550.00	8,551.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,582.00	8,583.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,604.00	8,606.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,622.00	8,623.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,632.00	8,634.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,649.00	8,651.00	10/16/2013	OPEN

Formation	Top	Base	Status
MN 34	7,868	7,870	Open to Surface
Lower Blue Gate	8,153	8,239	12K CBP @ 7,960'
Juana Lopez	8,537	8,651	12K CBP @ 8,339'
Cedar Mountain	8,996	9,034	CIBP @ 8,960 w/ 35' of cement
Entrada	9,629	9,657	CIBP @ 9,270'
Wingate	10,179	10,196	CIBP @ 10,125

Relevant History:

- 1/18/06: Drilled out DV tool @ 4778' and C/O to 10,447, POOH. RU WL and perforated 10,179'-10196' w/ 4 SPF. RIH w/ packer, land EOT, and swab tested. No gas made, POOH with tbg. Set CIBP @ 10,125'. Loaded casing with fluid but did not see fluid level when attempting to perforate next zone. Set second CIBP above original (no depth recorded).
- 1/28/06: Perforated Entrada 9629-9657'. Swab tested; no commercial gas. Set CIBP @ 9270'. Never stimulated.
- 2/9/06: Perforated Cedar Mountain @ 8996-9034'. Well started flowing back water. Attempted to swab and intermit flow for days. Never stimulated. POOH with tubing and RDMO.
- 8/27/13 RU WL and ran temperature survey from surface to 9270', set CIBP @ 8960' & dump bailed 5 sxs cement (TOC ~ 8925'). Ran CBL from 8927' to 3000'. Pressure tested 5.5" csg to 4200 psi & lost 62 psi in 10 min, bled down and reenergized packing seal around 5.5" tbg head. Pressure test to 4207 psi for 30 min & lost 34 psi. Packing in tbg head needs replaced but successful MIT witnessed by state representative Bart Kettle (cell - 435-820-0862).
- 10/16/13: Perforate Juana Lopez 8537'-8651'. Pump 40 bbl DFIT and shut well in for 4 days with downhole pressure bombs at mid-perf. POOH w/ DFIT gauges and frac perfs with 74,338# of 40/70 white sand & 2425 bbls X-linked fluid. Land tbg @ 8503' and turn well to production.
- 11/6/13: POOH w/ tbg and set CBP @ 8339'. Perforate Lower Blue Gate 8153'-8239'. Pump 20 bbls DFIT into perforations and shut well in for 4 days with downhole pressure bombs at mid perf.

POOH w/ DFIT gauges and frac perms with 100,200# of 40/70 white sand & 2789 bbls linear gel. Land tbg @ 8123' and turn well to production.

1/10/14: POOH w/ tbg. RIH and set 12K CBP @ 7960' PU and perf MN 34 @ 7868-7870'. POOH. Pump 20 bbl DFIT and shut well in 4 days with downhole pressure bombs at mid perf. POOH w/ DFIT gauges and SWI.

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

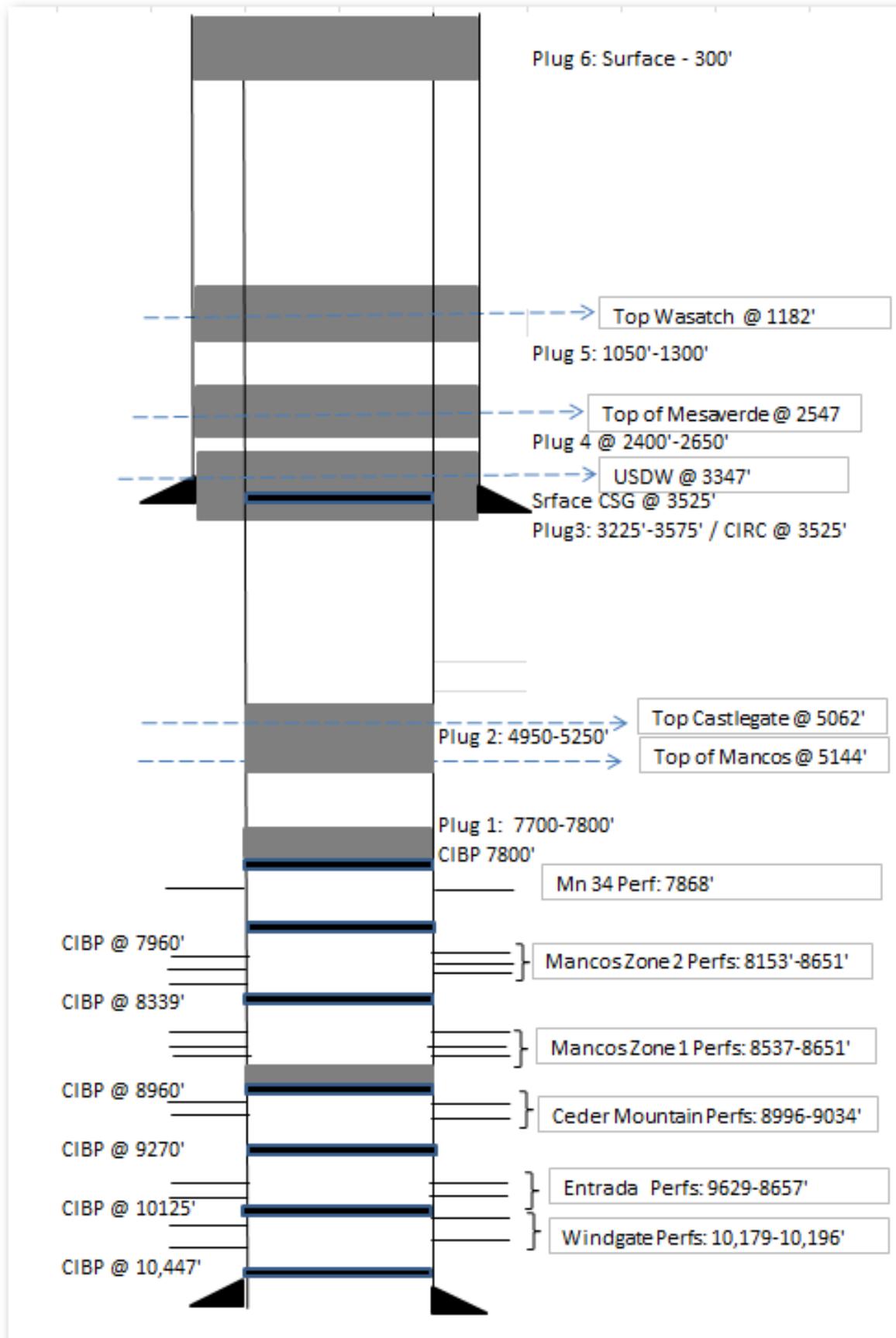
Note: Approx. **461 sx** Class "G" cement needed for procedure & **(1) 5.5" 17# CIBP**

Note: No Gyro has been run on this well.

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE PERFORATIONS (7668'-8651')**: RIH W/ 5 1/2" 17# CIBP. SET @ ~7800'. RELEASE CIBP, PUH 10', BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF **13.7 CUFT / 2.4 BBL / ~12 SX** ON TOP OF PLUG. PUH ABOVE TOC (~7700'). REVERSE CIRCULATE W/ TREATED WATER (~37 BBLS).
5. **PLUG #2, PROTECT TOP OF MANCOS (5144') & TOP OF CASTLEGATE (~5062')**: PUH TO ~5250'. BRK CIRC W/ FRESH WATER. DISPLACE **40.1 CUFT / 7.2 BBL / ~35 SX** AND BALANCE PLUG W/ TOC @ ~4950'. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~24 BBLS).
6. **PLUG #3, PROTECT USDW (~3347') AND CEMENT SURFACE CASING SHOE (3525')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 3575' W/ 4 SPF. POOH. PU & RIH W/ 5 1/2" CIBP, SET @ ~3525'. RIH W/ TBG & STING INTO CIBP & ATTEMPT TO SQUEEZE PERFS W/ APPROXIMATELY **88 SX / 18 BBL / 100 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 3475'. STING OUT OF CIBP AND SPOT **45 SX / 7 BBL / 39 CUFT** CMT ON TOP OF CIBP. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~3225'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
7. **PLUG #4, PROTECT TOP OF MESAVERDE (2547') AND ANNULUS, POOH W/ TBG.** RIH W/ WIRELINE, PERFORATE @ 2600' W / 4 SPF. POOH W/ WIRELINE. RIH TO ~2600'. BRK CIRC W/ FRESH WATER. DISPLACE **100 CUFT / 22 BBL / ~88 SX** AND BALANCE PLUG W/ TOC @ ~2400' PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~11 BBLS).
8. **PLUG #5, PROTECT TOP OF WASATCH (1182') AND ANNULUS, POOH W/ TBG.** RIH W/ WIRELINE, PERFORATE @ 1300' W / 4 SPF. POOH W/ WIRELINE. RIH TO ~1300'. BRK CIRC W/ FRESH WATER. DISPLACE **100 CUFT / 19 BBL / ~88 SX** AND BALANCE PLUG W/ TOC @ ~1050' PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~5 BBLS).

9. **PLUG #6, SURFACE HOLE:** POOH. RIH W/ WIRELINE, PERFORATE @ 300'W/ 4 SPF, POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP BRK CIRC W/ FRESH WATER. DISPLACE **120 CUFT / 22 BBL /~105 SX** OR SUFFICIENT VOLUME TO FILL CASING TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

RT 9/11/14



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	9. API NUMBER: 43019314570000
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	9. FIELD and POOL or WILDCAT: WILDCAT
10. PHONE NUMBER: 720 929-6100	COUNTY: GRAND
	STATE: UTAH

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/18/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to **convert** the Three Pines 14-17-16-23 well **to a water well as opposed to the previously approved plug and abandonment** operations originally planned for the subject well. Per the attached procedure, the base plug will be located from 3475'-3575' (covering the surface shoe at 3525'). The water well perms will be located from 1483'-3432'. In addition, a plug will be placed at approximately 4400'-4600' to cover the base of the USDW zone. Please see the attached procedure for specific details. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 29, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/18/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43019314570000

- 1. The subsequent report documenting the plug back shall be submitted on a Sundry Notice to the Division of Oil, Gas and Mining ("Division").**
- 2. Form 8 - Well Completion Report and Logs shall be submitted for this well in accordance with R649-3-21.**
- 3. Anadarko must obtain approval for appropriation of underground water from the Division of Water Rights. If someone other than FIML is assuming liability for the well, they shall submit a letter assuming such liability. The well will be recognized as an oil/gas well until such time that proof is submitted showing that the well has been adequately converted and working as a water supply well under the Division of Water Rights authority (R649-3-24-6).**

THREE PINES 14-17-16-23
760' FNL & 2293' FWL
SESW SEC. 17, T16S, R23E
Grand County, UT

KBE: 7847'
GLE: 7827'
TD: 10747'
PBTD: 7949'

API NUMBER: 4301931457
LEASE NUMBER: ML-47572

CASING : 9 5/8", 36# K-55 ST&C @ 3,525'
 Surface Casing
 5 1/2", 17#, P-110 LT&C @ 10,495'
TOC @ 3271' per CBL log

TUBING: None

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.0039
5.5" 17# J-55	4.892	4910	5320	0.9764	0.1305	0.02324
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 5 1/2" 17# csg				0.7013	0.0937	0.0167
5.5" csg X 9 5/8" 36# csg				2.0128	0.2691	0.0479
5.5" csg X 7.875 borehole				1.4407	0.1926	0.0343
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Three Pines 14-17-16-23	
Fm Name	MD
Top Wasatch	1182
Top Mesaverde	2547
Top Segoe	4615
Top Castlegate	5062
Top Mancos	5114

USDW Elevation ~4500'

PERFORATIONS:

Legal Well Name	Zone Name	MD Top (ft)	MD Base (ft)	Effective Date	Status
THREE PINES 14-17-16-23	MN34	7,868.00	7,870.00	1/13/2014	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,153.00	8,154.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,172.00	8,174.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,189.00	8,190.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,209.00	8,211.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,224.00	8,226.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,237.00	8,239.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,537.00	8,538.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,550.00	8,551.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,582.00	8,583.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,604.00	8,606.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,622.00	8,623.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,632.00	8,634.00	10/16/2013	OPEN
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- 8/27/13 RU WL and ran temperature survey from surface to 9270', set CIBP @ 8960' & dump bailed 5 sxs cement (TOC ~ 8925'). Ran CBL from 8927' to 3000'. Pressure tested 5.5" csg to 4200 psi & lost 62 psi in 10 min, bled down and reenergized packing seal around 5.5" tbg head. Pressure test to 4207 psi for 30 min & lost 34 psi. Packing in tbg head needs replaced but successful MIT witnessed by state representative Bart Kettle (cell - 435-820-0862).
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- 11/6/13: POOH w/ tbg and set CBP @ 8339'. Perforate Lower Blue Gate 8153'-8239'. Pump 20 bbls DFIT into perforations and shut well in for 4 days with downhole pressure bombs at mid perf.

POOH w/ DFIT gauges and frac perms with 100,200# of 40/70 white sand & 2789 bbls linear gel. Land tbg @ 8123' and turn well to production.

- 1/10/14: POOH w/ tbg. RIH and set 12K CBP @ 7960' PU and perf MN 34 @ 7868-7870'. POOH. Pump 20 bbl DFIT and shut well in 4 days with downhole pressure bombs at mid perf. POOH w/ DFIT gauges and SWI.
- 10/29/14: Blow down and kill well. RU WL, RIH and set CIBP @ 7801'. Dump bailed 4 sxs of cement on CIBP. RDMO.

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
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- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

1. MIRU. CHECK WELL FOR PRESSURE. REPORT TO ENGINEERING IF WELL HAS ANY PRESSURE. ND WH, NU AND TEST BOPE.
2. **PLUG #1, ISOLATE PERFORATIONS (7868'-8651')**: RIH W/ TBG AND TAG CMT TOP ABOVE EXISTING CIBP @ 7801'. PU BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF **9.2 CUFT / 1.6 BBL / ~8 SX** ON TOP OF PLUG. PUH ABOVE TOC (~7700'). REVERSE CIRCULATE W/ TREATED WATER (~37 BBLs).
3. **PLUG #2, PROTECT TOP OF MANCOS (5144') & TOP OF CASTLEGATE (~5062')**: PUH TO ~5250'. BRK CIRC W/ FRESH WATER. DISPLACE **40.1 CUFT / 7.2 BBL / ~35 SX** AND BALANCE PLUG W/ TOC @ ~4950'. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~24 BBLs).
4. **PLUG #3, PROTECT USDW (~4500')**: PUH TO ~4600'. BRK CIRC W/ FRESH WATER. DISPLACE **26 CUFT / 4.8 BBL / ~23 SX** AND BALANCE PLUG W/ TOC @ ~4400' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~21 BBLs).
5. **PLUG #4, CEMENT SURFACE CASING SHOE (3525')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 3575' W/ 4 SPF. POOH. PU & RIH W/ 5 1/2" CICR, SET @ ~3525'. RIH W/ TBG & STING INTO CICR & ATTEMPT TO SQUEEZE PERFS W/ APPROXIMATELY **35 SX / 7.1 BBL / 40 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 3475'. STING OUT OF CICR AND SPOT **4 SX / 0.8 BBL / 4.36 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~3490'). REVERSE CIRCULATE W/ TREATED FRESH WATER. POOH. WOC.
6. PRESSURE TEST WELL TO 1500 PSI FOR 15 MIN. ENSURE NO MORE THAN 10% LOSS. RU WL. RIH & PERFORATE THE FOLLOWING ZONES:

H2O Pay			Perf		SPF	Total Holes	Run #
Top	Bottom	Total H2O	Top	Bottom			
3,140	3158	18	3148	3152	6	24	1
3,173	3205	32	3184	3188	6	24	1
3,222	3253	31	3238	3242	6	24	1
3,392	3450	58	3400	3404	6	24	1
-	-	-	3428	3432	6	24	1
		139				120	

7. POOH W/ WIRELINE. BREAK DOWN PERFORATIONS W/ RIG PUMP & INJECT 30 BBLS.
8. RIH W/ WIRELINE, RECORD FLUID LEVEL & PSI, AND PERF THE FOLLOWING ZONES:

H2O Pay			Perf		SPF	Total Holes	Run #
Top	Bottom	Total H2O	Top	Bottom			
2,741	2758	17	2750	2754	6	24	2
2,785	2849	64	2796	2800	6	24	2
-	-	-	2840	2844	6	24	2
3,010	3024	14	3018	3022	6	24	2
3,056	3094	38	3080	3084	6	24	2
		133				120	

9. POOH W/ WIRELINE. BREAK DOWN PERFORATIONS W/ RIG PUMP & INJECT 30 BBLS.
10. RIH W/ WIRELINE, RECORD FLUID LEVEL & PSI, AND PERF THE FOLLOWING ZONES:

H2O Pay			Perf		SPF	Total Holes	Run #
Top	Bottom	Total H2O	Top	Bottom			
2,105	2123	18	2116	2120	6	24	3
2,206	2230	24	2220	2224	6	24	3
2,384	2408	24	2388	2392	6	24	3
2,421	2457	36	2439	2443	6	24	3
2,464	2478	14	2472	2476	6	24	3
		116				120	

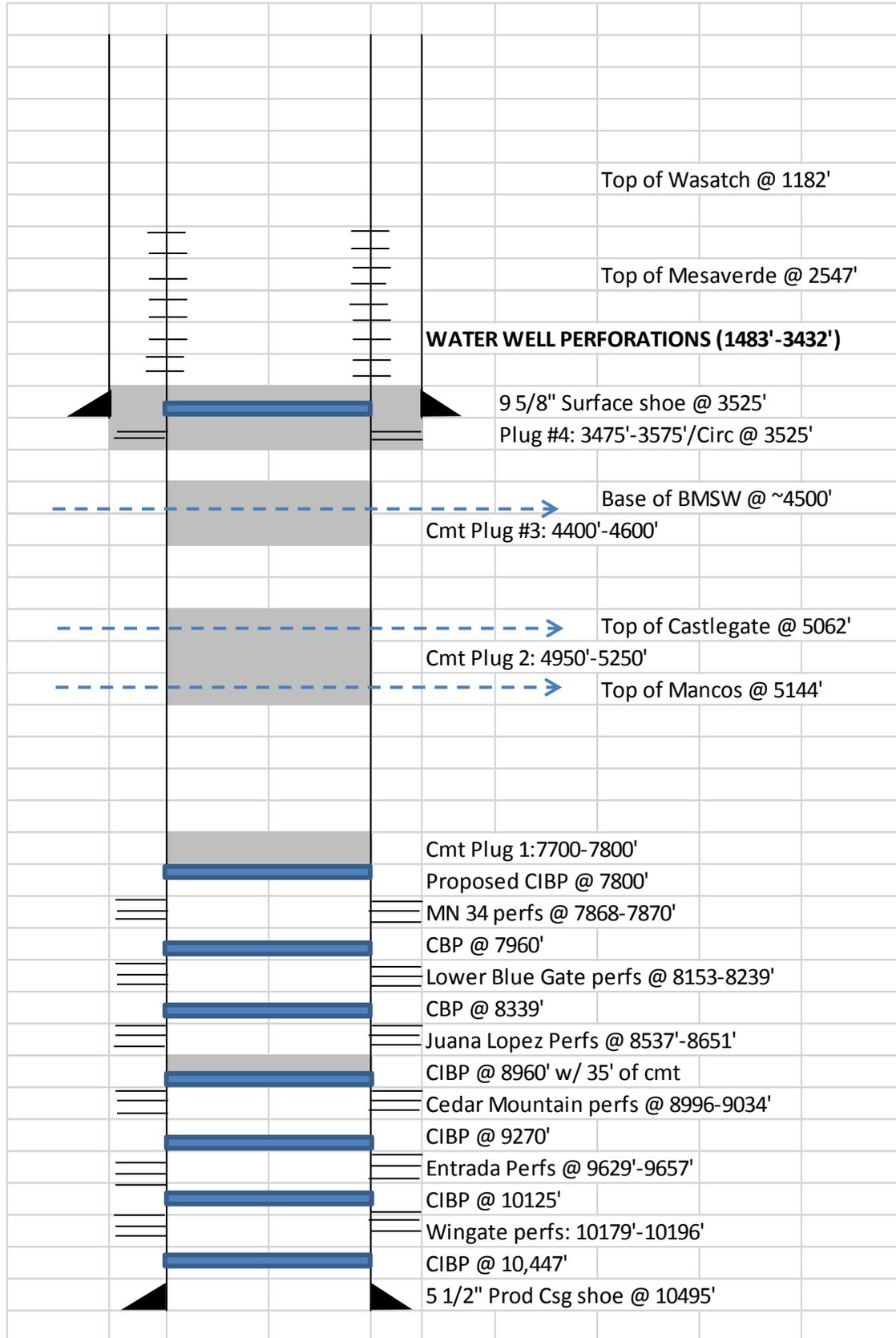
11. POOH W/ WIRELINE. BREAK DOWN PERFORATIONS W/ RIG PUMP & INJECT 30 BBLS.
12. RIH W/ WIRELINE, RECORD FLUID LEVEL & PSI, AND PERF THE FOLLOWING ZONES:

H2O Pay			Perf		SPF	Total Holes	Run #
Top	Bottom	Total H2O	Top	Bottom			
1,473	1490	17	1483	1485	6	12	4
1,557	1578	21	1572	1574	6	12	4
1,654	1672	18	1663	1665	6	12	4
1,704	1722	18	1714	1716	6	12	4
1,780	1800	20	1790	1793	6	18	4
1,897	1937	40	1914	1918	6	24	4
2,059	2088	29	2068	2072	6	24	4
		163				114	

13. POOH W/ WIRELINE, RDMO WL. BREAK DOWN PERFORATIONS W/ RIG PUMP & INJECT 30 BBLs.
14. RIH W/ SWAB LINE ON RIG AND RECORD FLUID LEVEL. SWIFN AND MONITOR PRESSURE BUILDUP.
15. NEXT DAY, RIH & START SWABBING WELL WITH RIG. RECORD FLUID LEVEL ON EACH RUN AND NOTE WELL INFLOW. TAKE WATER SAMPLES AND SEND TO NALCO VERNAL LAB FOR ANALYSIS.
16. ONCE INFLOW IS ESTABLISHED, CONSULT ENGINEERING TO DETERMINE IF WATER PERMITS WILL BE SUBMITTED FOR A PERMENANT WATER SOURCE WELL. AWAIT ORDERS TO RUN TUBING AND ESP OR RDMO AND AWAIT UPDATED P&A PROCEDURE.

BPS 11/12/14

WELLBORE DIAGRAM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	9. API NUMBER: 43019314570000
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	PHONE NUMBER: 720 929-6100 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: GRAND STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/26/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ANADARKO E&P ONSHORE, LLC, is requesting a one year shut-in extension to 2/26/2016 for the THREE PINES 14-17-16-23. This well was permanently plugged back with a CIBP @ 7801' and 4 sxs of cement on 10/28/14 and a successful MIT of 1500 psi for 48 minutes was performed on the 5-1/2" production casing on 2/25/15. An approved procedure was received from UDOGM on 1/29/15 to convert this well into a water source well but this work has not been completed. APC would like to wait to complete this work until commodity prices recover and future work is scheduled for the area. There is no reserve pit on location. This well will be monitored on a quarterly basis.

Approved by the
 April 14, 2015
 Oil, Gas and Mining

Date: _____

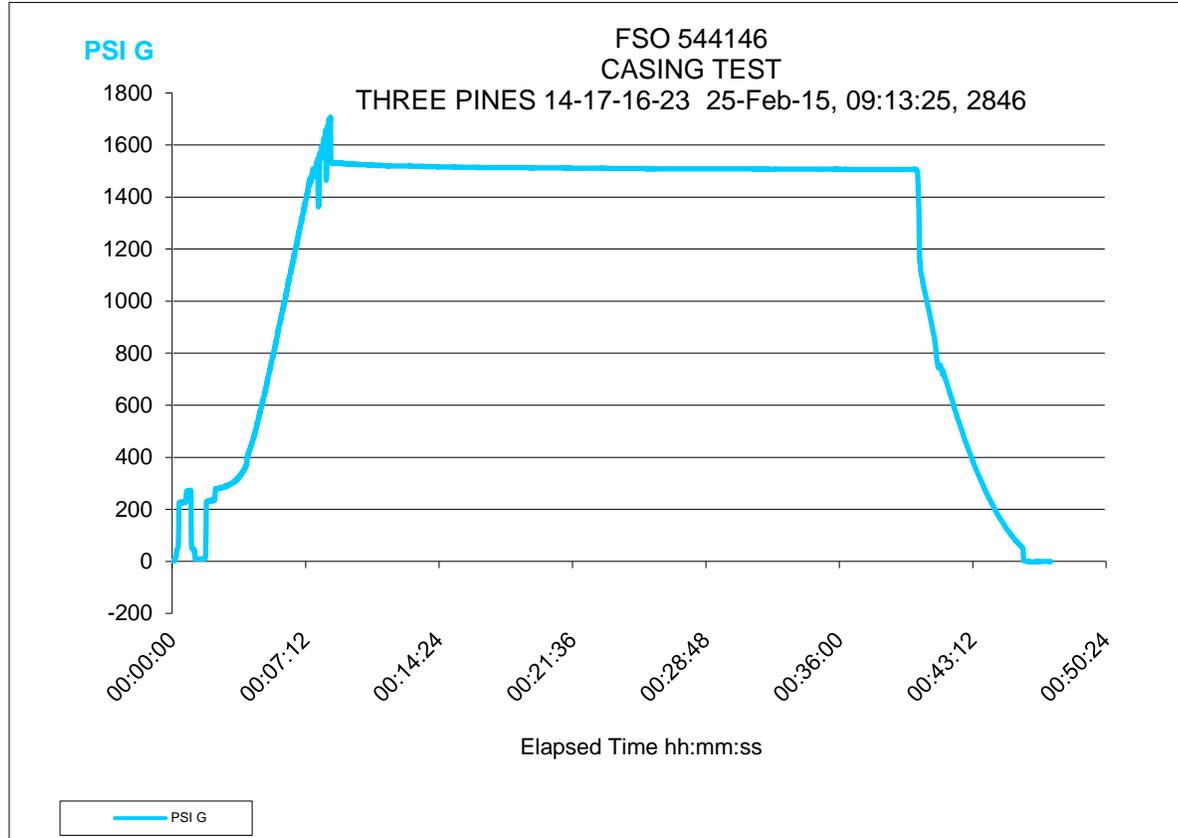
By: Doreen Green

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 2/27/2015	

Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	259925	258749	
Datatype		Lower	
Units		PSI G	

Lower



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	259925	258749			258749	
Model	NV	15KPSI				
Message Store						
Userspan		1.00000				
Offset						
Datatype					Lower	
Units		PSI G			PSI G	
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080015	R090008				
Calibration Due		7-Nov-14				
Run Index	9					
Run Start Time				25-Feb-15/09:13:25		
Run Duration				47 minutes 25 seconds		
Run Tag				3-PINES		
Logging Interval	1.0					

Data Points		
Point #	Time	Left - PSI G

1	00:00:00.0	2
2	00:00:01.0	2
3	00:00:02.0	2
4	00:00:03.0	2
5	00:00:04.0	2
6	00:00:05.0	2
7	00:00:06.0	2
8	00:00:07.0	2
9	00:00:08.0	2
10	00:00:09.0	2

11	00:00:10.0	10
12	00:00:11.0	14
13	00:00:12.0	16
14	00:00:13.0	16
15	00:00:14.0	23
16	00:00:15.0	42
17	00:00:16.0	46
18	00:00:17.0	47
19	00:00:18.0	49
20	00:00:19.0	51
21	00:00:20.0	58
22	00:00:21.0	102
23	00:00:22.0	217
24	00:00:23.0	226
25	00:00:24.0	225
26	00:00:25.0	225
27	00:00:26.0	228
28	00:00:27.0	227
29	00:00:28.0	227
30	00:00:29.0	225
31	00:00:30.0	226
32	00:00:31.0	225
33	00:00:32.0	228
34	00:00:33.0	228
35	00:00:34.0	228
36	00:00:35.0	225
37	00:00:36.0	226
38	00:00:37.0	226
39	00:00:38.0	229
40	00:00:39.0	228
41	00:00:40.0	228
42	00:00:41.0	226
43	00:00:42.0	227
44	00:00:43.0	227
45	00:00:44.0	229
46	00:00:45.0	230
47	00:00:46.0	255

48	00:00:47.0	270
49	00:00:48.0	269
50	00:00:49.0	270
51	00:00:50.0	271
52	00:00:51.0	271
53	00:00:52.0	271
54	00:00:53.0	271
55	00:00:54.0	270
56	00:00:55.0	272
57	00:00:56.0	272
58	00:00:57.0	271
59	00:00:58.0	270
60	00:00:59.0	273
61	00:01:00.0	273
62	00:01:01.0	270
63	00:01:02.0	82
64	00:01:03.0	50
65	00:01:04.0	50
66	00:01:05.0	48
67	00:01:06.0	48
68	00:01:07.0	48
69	00:01:08.0	48
70	00:01:09.0	48
71	00:01:10.0	48
72	00:01:11.0	37
73	00:01:12.0	40
74	00:01:13.0	21
75	00:01:14.0	11
76	00:01:15.0	8
77	00:01:16.0	9
78	00:01:17.0	9
79	00:01:18.0	10
80	00:01:19.0	9
81	00:01:20.0	9
82	00:01:21.0	9
83	00:01:22.0	9
84	00:01:23.0	9

85	00:01:24.0	9
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87	00:01:26.0	9
88	00:01:27.0	9
89	00:01:28.0	9
90	00:01:29.0	9
91	00:01:30.0	9
92	00:01:31.0	9
93	00:01:32.0	9
94	00:01:33.0	9
95	00:01:34.0	9
96	00:01:35.0	9
97	00:01:36.0	9
98	00:01:37.0	9
99	00:01:38.0	9
100	00:01:39.0	9
101	00:01:40.0	9
102	00:01:41.0	9
103	00:01:42.0	9
104	00:01:43.0	9
105	00:01:44.0	9
106	00:01:45.0	9
107	00:01:46.0	9
108	00:01:47.0	15
109	00:01:48.0	21
110	00:01:49.0	46
111	00:01:50.0	89
112	00:01:51.0	228
113	00:01:52.0	230
114	00:01:53.0	232
115	00:01:54.0	232
116	00:01:55.0	232
117	00:01:56.0	232
118	00:01:57.0	230
119	00:01:58.0	232
120	00:01:59.0	232
121	00:02:00.0	234

122	00:02:01.0	233
123	00:02:02.0	234
124	00:02:03.0	231
125	00:02:04.0	233
126	00:02:05.0	231
127	00:02:06.0	235
128	00:02:07.0	233
129	00:02:08.0	235
130	00:02:09.0	232
131	00:02:10.0	234
132	00:02:11.0	232
133	00:02:12.0	235
134	00:02:13.0	235
135	00:02:14.0	236
136	00:02:15.0	235
137	00:02:16.0	234
138	00:02:17.0	234
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140	00:02:19.0	259
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142	00:02:21.0	278
143	00:02:22.0	280
144	00:02:23.0	277
145	00:02:24.0	277
146	00:02:25.0	280
147	00:02:26.0	280
148	00:02:27.0	278
149	00:02:28.0	278
150	00:02:29.0	281
151	00:02:30.0	281
152	00:02:31.0	279
153	00:02:32.0	280
154	00:02:33.0	282
155	00:02:34.0	282
156	00:02:35.0	280
157	00:02:36.0	281
158	00:02:37.0	282

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165	00:02:44.0	283
166	00:02:45.0	284
167	00:02:46.0	286
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169	00:02:48.0	284
170	00:02:49.0	284
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175	00:02:54.0	290
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179	00:02:58.0	292
180	00:02:59.0	293
181	00:03:00.0	289
182	00:03:01.0	291
183	00:03:02.0	294
184	00:03:03.0	295
185	00:03:04.0	292
186	00:03:05.0	293
187	00:03:06.0	295
188	00:03:07.0	297
189	00:03:08.0	295
190	00:03:09.0	296
191	00:03:10.0	298
192	00:03:11.0	299
193	00:03:12.0	299
194	00:03:13.0	299
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201	00:03:20.0	307
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224	00:03:43.0	335
225	00:03:44.0	338
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227	00:03:46.0	336
228	00:03:47.0	340
229	00:03:48.0	346
230	00:03:49.0	346
231	00:03:50.0	344
232	00:03:51.0	348

233	00:03:52.0	354
234	00:03:53.0	355
235	00:03:54.0	352
236	00:03:55.0	356
237	00:03:56.0	365
238	00:03:57.0	366
239	00:03:58.0	362
240	00:03:59.0	366
241	00:04:00.0	375
242	00:04:01.0	376
243	00:04:02.0	371
244	00:04:03.0	400
245	00:04:04.0	404
246	00:04:05.0	406
247	00:04:06.0	413
248	00:04:07.0	411
249	00:04:08.0	420
250	00:04:09.0	418
251	00:04:10.0	427
252	00:04:11.0	426
253	00:04:12.0	431
254	00:04:13.0	436
255	00:04:14.0	436
256	00:04:15.0	444
257	00:04:16.0	444
258	00:04:17.0	453
259	00:04:18.0	450
260	00:04:19.0	459
261	00:04:20.0	461
262	00:04:21.0	467
263	00:04:22.0	471
264	00:04:23.0	471
265	00:04:24.0	481
266	00:04:25.0	478
267	00:04:26.0	490
268	00:04:27.0	488
269	00:04:28.0	498

270	00:04:29.0	499
271	00:04:30.0	503
272	00:04:31.0	510
273	00:04:32.0	511
274	00:04:33.0	521
275	00:04:34.0	519
276	00:04:35.0	531
277	00:04:36.0	528
278	00:04:37.0	537
279	00:04:38.0	539
280	00:04:39.0	545
281	00:04:40.0	552
282	00:04:41.0	552
283	00:04:42.0	563
284	00:04:43.0	560
285	00:04:44.0	574
286	00:04:45.0	571
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288	00:04:47.0	584
289	00:04:48.0	587
290	00:04:49.0	597
291	00:04:50.0	597
292	00:04:51.0	608
293	00:04:52.0	604
294	00:04:53.0	618
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303	00:05:02.0	665
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305	00:05:04.0	671
306	00:05:05.0	677

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309	00:05:08.0	688
310	00:05:09.0	702
311	00:05:10.0	697
312	00:05:11.0	710
313	00:05:12.0	712
314	00:05:13.0	720
315	00:05:14.0	725
316	00:05:15.0	727
317	00:05:16.0	738
318	00:05:17.0	734
319	00:05:18.0	751
320	00:05:19.0	746
321	00:05:20.0	760
322	00:05:21.0	761
323	00:05:22.0	766
324	00:05:23.0	775
325	00:05:24.0	777
326	00:05:25.0	788
327	00:05:26.0	784
328	00:05:27.0	800
329	00:05:28.0	796
330	00:05:29.0	806
331	00:05:30.0	810
332	00:05:31.0	816
333	00:05:32.0	825
334	00:05:33.0	823
335	00:05:34.0	838
336	00:05:35.0	832
337	00:05:36.0	850
338	00:05:37.0	846
339	00:05:38.0	857
340	00:05:39.0	862
341	00:05:40.0	863
342	00:05:41.0	875
343	00:05:42.0	874

344	00:05:43.0	889
345	00:05:44.0	882
346	00:05:45.0	898
347	00:05:46.0	898
348	00:05:47.0	908
349	00:05:48.0	912
350	00:05:49.0	915
351	00:05:50.0	927
352	00:05:51.0	922
353	00:05:52.0	939
354	00:05:53.0	933
355	00:05:54.0	949
356	00:05:55.0	948
357	00:05:56.0	955
358	00:05:57.0	964
359	00:05:58.0	962
360	00:05:59.0	978
361	00:06:00.0	972
362	00:06:01.0	990
363	00:06:02.0	984
364	00:06:03.0	996
365	00:06:04.0	999
366	00:06:05.0	1007
367	00:06:06.0	1015
368	00:06:07.0	1013
369	00:06:08.0	1029
370	00:06:09.0	1021
371	00:06:10.0	1041
372	00:06:11.0	1035
373	00:06:12.0	1048
374	00:06:13.0	1052
375	00:06:14.0	1054
376	00:06:15.0	1067
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393	00:06:32.0	1152
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395	00:06:34.0	1163
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410	00:06:49.0	1260
411	00:06:50.0	1256
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413	00:06:52.0	1264
414	00:06:53.0	1282
415	00:06:54.0	1281
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418	00:06:57.0	1297
419	00:06:58.0	1311
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430	00:07:09.0	1375
431	00:07:10.0	1369
432	00:07:11.0	1380
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435	00:07:14.0	1401
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448	00:07:27.0	1473
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453	00:07:32.0	1485
454	00:07:33.0	1475

455	00:07:34.0	1475
456	00:07:35.0	1495
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459	00:07:38.0	1494
460	00:07:39.0	1491
461	00:07:40.0	1504
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463	00:07:42.0	1492
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467	00:07:46.0	1520
468	00:07:47.0	1534
469	00:07:48.0	1527
470	00:07:49.0	1511
471	00:07:50.0	1506
472	00:07:51.0	1530
473	00:07:52.0	1549
474	00:07:53.0	1384
475	00:07:54.0	1362
476	00:07:55.0	1368
477	00:07:56.0	1372
478	00:07:57.0	1445
479	00:07:58.0	1564
480	00:07:59.0	1570
481	00:08:00.0	1555
482	00:08:01.0	1546
483	00:08:02.0	1549
484	00:08:03.0	1570
485	00:08:04.0	1592
486	00:08:05.0	1597
487	00:08:06.0	1592
488	00:08:07.0	1567
489	00:08:08.0	1580
490	00:08:09.0	1604
491	00:08:10.0	1622

492	00:08:11.0	1624
493	00:08:12.0	1620
494	00:08:13.0	1593
495	00:08:14.0	1610
496	00:08:15.0	1635
497	00:08:16.0	1657
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499	00:08:18.0	1464
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505	00:08:24.0	1667
506	00:08:25.0	1639
507	00:08:26.0	1656
508	00:08:27.0	1682
509	00:08:28.0	1701
510	00:08:29.0	1692
511	00:08:30.0	1683
512	00:08:31.0	1669
513	00:08:32.0	1689
514	00:08:33.0	1708
515	00:08:34.0	1533
516	00:08:35.0	1532
517	00:08:36.0	1533
518	00:08:37.0	1533
519	00:08:38.0	1529
520	00:08:39.0	1532
521	00:08:40.0	1533
522	00:08:41.0	1528
523	00:08:42.0	1532
524	00:08:43.0	1531
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2749	00:45:48.0	59
2750	00:45:49.0	58
2751	00:45:50.0	56
2752	00:45:51.0	55
2753	00:45:52.0	54
2754	00:45:53.0	53
2755	00:45:54.0	52
2756	00:45:55.0	51
2757	00:45:56.0	19
2758	00:45:57.0	2
2759	00:45:58.0	2
2760	00:45:59.0	2
2761	00:46:00.0	2
2762	00:46:01.0	2
2763	00:46:02.0	2
2764	00:46:03.0	1
2765	00:46:04.0	1
2766	00:46:05.0	1
2767	00:46:06.0	1
2768	00:46:07.0	1
2769	00:46:08.0	1
2770	00:46:09.0	1
2771	00:46:10.0	0
2772	00:46:11.0	1
2773	00:46:12.0	0
2774	00:46:13.0	0
2775	00:46:14.0	-1
2776	00:46:15.0	-1
2777	00:46:16.0	-1
2778	00:46:17.0	-2
2779	00:46:18.0	-2
2780	00:46:19.0	-2
2781	00:46:20.0	-2
2782	00:46:21.0	-2
2783	00:46:22.0	-2
2784	00:46:23.0	-2
2785	00:46:24.0	-2

2786	00:46:25.0	-2
2787	00:46:26.0	-2
2788	00:46:27.0	-2
2789	00:46:28.0	-2
2790	00:46:29.0	-2
2791	00:46:30.0	-2
2792	00:46:31.0	-2
2793	00:46:32.0	-2
2794	00:46:33.0	-2
2795	00:46:34.0	-2
2796	00:46:35.0	-2
2797	00:46:36.0	-2
2798	00:46:37.0	-2
2799	00:46:38.0	-2
2800	00:46:39.0	-1
2801	00:46:40.0	-2
2802	00:46:41.0	-1
2803	00:46:42.0	-2
2804	00:46:43.0	-2
2805	00:46:44.0	-2
2806	00:46:45.0	-2
2807	00:46:46.0	-2
2808	00:46:47.0	-2
2809	00:46:48.0	-2
2810	00:46:49.0	-1
2811	00:46:50.0	-1
2812	00:46:51.0	-1
2813	00:46:52.0	-1
2814	00:46:53.0	-1
2815	00:46:54.0	-1
2816	00:46:55.0	-1
2817	00:46:56.0	-1
2818	00:46:57.0	-1
2819	00:46:58.0	-1
2820	00:46:59.0	-1
2821	00:47:00.0	-1
2822	00:47:01.0	-1

2823	00:47:02.0	-1
2824	00:47:03.0	-1
2825	00:47:04.0	-1
2826	00:47:05.0	-1
2827	00:47:06.0	-1
2828	00:47:07.0	-1
2829	00:47:08.0	-1
2830	00:47:09.0	-1
2831	00:47:10.0	-1
2832	00:47:11.0	-1
2833	00:47:12.0	-1
2834	00:47:13.0	-1
2835	00:47:14.0	-1
2836	00:47:15.0	-1
2837	00:47:16.0	-1
2838	00:47:17.0	-1
2839	00:47:18.0	-1
2840	00:47:19.0	-1
2841	00:47:20.0	-1
2842	00:47:21.0	-1
2843	00:47:22.0	-2
2844	00:47:23.0	-2
2845	00:47:24.0	-2
2846	00:47:25.0	-1



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 21, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5275 9888

Mr. Joel Malefyt
Anadarko E&P
PO Box 173779
Denver, CO 80217

43 019 31457
Three Pines 14-17-16-23
17 16S 2DE

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Malefyt:

As of January 2016, Anadarko E&P has four (4) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. These wells have been previously noticed and have SI/TA extensions that have expired.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

Page 2
Anadarko E&P
April 21, 2016

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	Cedar Camp 1-1-16-22	43-019-31415	ML-46111	9 year(s) 8 month(s)
2	Cedar Camp 1-6-16-23	43-019-31416	ML-46113	9 year(s) 7 month(s)
→ 3	Three Pines 14-17-16-23	43-019-31457	ML 47572	10 year(s) 1 month(s)
4	Kelly Cyn 10-8-16-22	43-019-31458	ML 47564	2 year(s) 4 month(s)



DIV. OF OIL, GAS & MINING

MAY 23 2016

RECEIVED

May 20, 2016

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Ste. 1210
Salt Lake City, UT 84116

43-019-31457

17 16S 23E

ATTENTION: Dustin Doucet

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated April 21, 2016

Dear Mr. Doucet,

We are in receipt of your letter dated April 21, 2016 regarding the four State Lease wells that are in non-compliance with R649-3-36-1. The four State Lease wells were identified in the letter as the Cedar Camp 1-1-16-22, Cedar Camp 1-6-16-23, Three Pines 14-17-16-23 and Kelly Canyon 10-8-16-22. Sundry notices have been filed requesting UDOGM's approval to plug and abandon for all four wells. The Kelly Canyon 10-8-16-22 and Three Pines 14-17-16-23 previously received UDOGM approval for P&A operations while the two Cedar Camp wells currently have P&A notice of intent sundry notices pending UDOGM approval. Kerr-McGee intends to plug all four wells starting in August of 2016 and plan to finish by November 2016. If plans and/or timelines change UDOGM will be notified immediately.

Should you have any additional questions or concerns, please don't hesitate to contact me at (435) 781-9749 or via email at candice.barber@anadarko.com.

Sincerely,

Candice Barber
Anadarko-Regulatory Affairs

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	9. API NUMBER: 43019314570000
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	PHONE NUMBER: 720 929-6456 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: GRAND
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/9/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Anadarko E&P Onshore, LLC respectfully requests to plug and abandon the Three Pines 14-17-16-23 well. Please see the attached procedure for details. Thank you.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: September 14, 2016

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/9/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43019314570000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
 - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

9/14/2016

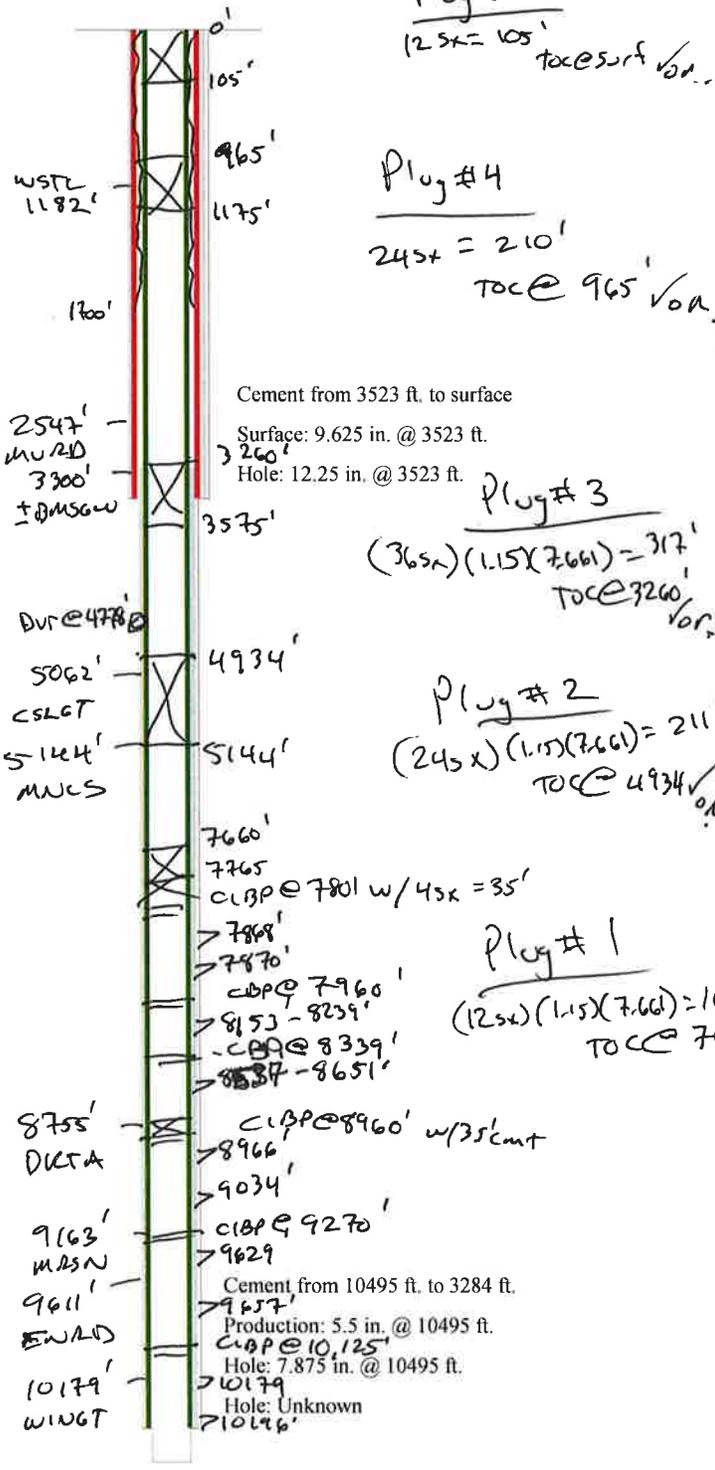
Wellbore Diagram

r263

API Well No: 43-019-31457-00-00 **Permit No:** **Well Name/No:** THREE PINES 14-17-16-23
Company Name: ANADARKO E&P ONSHORE, LLC
Location: Sec: 17 T: 16S R: 23E Spot: SESW
Coordinates: X: 637295 Y: 4363562
Field Name: WILDCAT
County Name: GRAND

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (cf/ct)
HOL1	3523	12.25			
SURF	3523	9.625	36	3523	
HOL2	10495	7.875			
PROD	10495	5.5	17	10495	7.661
CIBP	10125	5.5			
CIBP	9270	5.5			
CIBP	8960	5.5			
CIBP	10447	5.5			



Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
CIBP	8960	8925	UK	5
PROD	10495	3284 0	50	870
PROD	10495	3284	V	310
SURF	3523	0	LT	630
SURF	3523	0	V	250

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
10179	10196			
9629	9657			
8966	9034			
8153	8651			
7868	7870			

Formation Information

Formation	Depth
WSTC	1182
MVRD	2547
BMSW	3300
CSLGT	5062
MNCS	5144
DKTA	8755
CDMSA	8983
MRSN	9163
SUMM	9540
CRTS	9574
ENRD	9611

TD: 10747 TVD: 10747 PBD: 7948

THREE PINES 14-17-16-23
760' FNL & 2293' FWL
SESW SEC. 17, T16S, R23E
Grand County, UT

KBE: 7847'
GLE: 7827'
TD: 10747'
PBTD: 7949'

API NUMBER: 4301931457
LEASE NUMBER: ML-47572

CASING : 9 5/8", 36# K-55 ST&C @ 3,525'
Surface Casing

5 1/2", 17#, P-110 LT&C @ 10,495'

TOC @ 3271' per CBL log

TUBING: None

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.0039
5.5" 17# J-55	4.892	4910	5320	0.9764	0.1305	0.02324
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 5 1/2" 17# csg				0.7013	0.0937	0.0167
5.5" csg X 9 5/8" 36# csg				2.0128	0.2691	0.0479
5.5" csg X 7.875 borehole				1.4407	0.1926	0.0343
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation Name	MD
Top Wasatch	1182
Top Mesaverde	2547
Top Segó	4615
Top Castlegate	5062
Top Mancos	5114

BMSW Elevation ~3347'

Formation	Top	Base	Status
MN 34	7,868	7,870	Open to Surface
Lower Blue Gate	8,153	8,239	12K CBP @ 7,960'
Juana Lopez	8,537	8,651	12K CBP @ 8,339'
Cedar Mountain	8,996	9,034	CIBP @ 8,960 w/ 35' of cement
Entrada	9,629	9,657	CIBP @ 9,270'
Wingate	10,179	10,196	CIBP @ 10,125

PERFORATIONS:

Legal Well Name	Zone Name	MD Top (ft)	MD Base (ft)	Effective Date	Status
THREE PINES 14-17-16-23	MN34	7,868.00	7,870.00	1/13/2014	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,153.00	8,154.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,172.00	8,174.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,189.00	8,190.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,209.00	8,211.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,224.00	8,226.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 2	8,237.00	8,239.00	11/8/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,537.00	8,538.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,550.00	8,551.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,582.00	8,583.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,604.00	8,606.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,622.00	8,623.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,632.00	8,634.00	10/16/2013	OPEN
THREE PINES 14-17-16-23	MANCOS ZONE 1	8,649.00	8,651.00	10/16/2013	OPEN

Relevant History:

- 1/18/06: Drilled out DV tool @ 4778' and C/O to 10,447, POOH. RU WL and perforated 10,179'-10196' w/ 4 SPF. RIH w/ packer, land EOT, and swab tested. No gas made, POOH with tbg. Set CIBP @ 10,125'. Loaded casing with fluid but did not see fluid level when attempting to perforate next zone. Set second CIBP above original (no depth recorded).
- 1/28/06: Perforated Entrada 9629-9657'. Swab tested; no commercial gas. Set CIBP @ 9270'. Never stimulated.
- 2/9/06: Perforated Cedar Mountain @ 8996-9034'. Well started flowing back water. Attempted to swab and intermit flow for days. Never stimulated. POOH with tubing and RDMO.
- 8/27/13 RU WL and ran temperature survey from surface to 9270', set CIBP @ 8960' & dump bailed 5 sxs cement (TOC ~ 8925'). Ran CBL from 8927' to 3000'. Pressure tested 5.5" csg to 4200 psi & lost 62 psi in 10 min, bled down and reenergized packing seal around 5.5" tbg head. Pressure test to 4207 psi for 30 min & lost 34 psi. Packing in tbg head needs replaced but successful MIT witnessed by state representative Bart Kettle (cell - 435-820-0862).
- 10/16/13: Perforate Juana Lopez 8537'-8651'. Pump 40 bbl DFIT and shut well in for 4 days with downhole pressure bombs at mid-perf. POOH w/ DFIT gauges and frac perfs with 74,338# of 40/70 white sand & 2425 bbls X-linked fluid. Land tbg @ 8503' and turn well to production.
- 11/6/13: POOH w/ tbg and set CBP @ 8339'. Perforate Lower Blue Gate 8153'-8239'. Pump 20 bbls DFIT into perforations and shut well in for 4 days with downhole pressure bombs at mid perf. POOH w/ DFIT gauges and frac perfs with 100,200# of 40/70 white sand & 2789 bbls linear gel. Land tbg @ 8123' and turn well to production.
- 1/10/14: POOH w/ tbg. RIH and set 12K CBP @ 7960' PU and perf MN 34 @ 7868-7870'. POOH. Pump 20 bbl DFIT and shut well in 4 days with downhole pressure bombs at mid perf. POOH w/ DFIT gauges and SWI.
- 10/29/14: Blow down and kill well. RU WL, RIH and set CIBP @ 7801'. Dump bailed 4 sxs of cement on CIBP. RDMO.

GENERAL

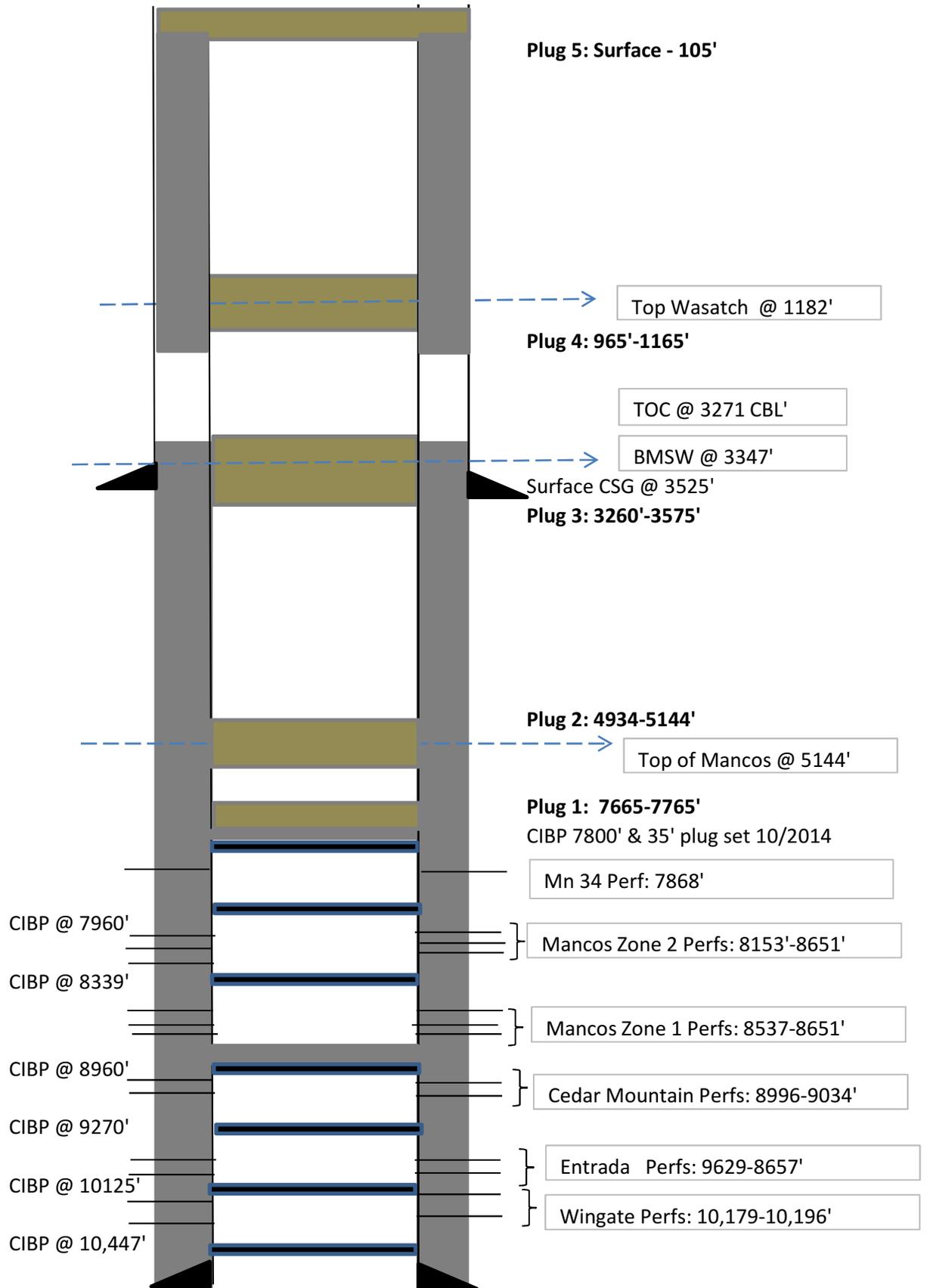
- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: Approx. **133 SXS** Class "G" cement needed for procedure.

Note: A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE).

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. ISOLATE PERFORATIONS (8651'-7668'): RIH TUBING AND TAG TOP OF EXISTING PLUG @7765', PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 7765' to 7665' (12 SXS, 13.74 FT3, 2.44 BBLS).
3. PROTECT TOP OF MANCOS (5144'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 5144' to 4934' (24 SXS, 27.48 FT3, 4.88 BBLS).
4. PROTECT BMSW (3347'): AND CASING SHOE (3525'): PUH WITH TUBING AND PUMP A MINIMUM OF (315FT) CMT F/ 3575' to 3260' (36 SXS, 41.22 FT3, 7.32 BBLS).
5. PROTECT WASATCH (1182'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 1175' to 965' (24 SXS, 27.48 FT3, 4.88 BBLS).
6. PROTECT SURFACE (105'): PUH WITH TUBING AND PUMP A MINIMUM OF 105' CMT F/ 105'-0' (12 SXS, 13.74 FT3, 2.44 BBLS). POOH & RUN 1" TUBING DOWN THE PRODUCTION/SURFACE CASING ANNULUS AS DEEP AS POSSIBLE AND CEMENT TO SURFACE (25 SXS, 28.6 FT3).
7. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
8. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47572
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: THREE PINES 14-17-16-23	
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	9. API NUMBER: 43019314570000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	PHONE NUMBER: 720 929-6456 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 16.0S Range: 23.0E Meridian: S	COUNTY: GRAND	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/19/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Anadarko E&P Onshore, LLC has plugged and abandoned the Three Pines 14-17-16-23 well. Please see the operations summary report for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 27, 2016		
NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/22/2016	

US ROCKIES REGION
Operation Summary Report

Well: THREE PINES 14-17-16-23 MN

Spud date: 11/16/2005

Project: UTAH-GRAND

Site: THREE PINES 14-17-16-23 MN

Rig name no.: MILES 4/4

Event: ABANDONMENT

Start date: 8/29/2016

End date: 9/19/2016

Active datum: RKB @7,847.00usft (above Mean Sea Level)

UWI: THREE PINES 14-17-16-23 MN

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/15/2016	14:00 - 16:30	2.50	ABANDP	30	A	P		MIRU F/ KELLY CANYON
9/16/2016	7:30 - 8:00	0.50	ABANDP	48		P		HSM, PICKING TBG UP OFF FLOAT.
	8:00 - 12:30	4.50	ABANDP	31	I	P		PU N/C & 244 JTS TAG CMT @ 7765' L/D 1 JT EOT @ 7760' PREP TO SPOT CMT MONDAY. SWI SDFWE.
9/19/2016	7:30 - 8:00	0.50	ABANDP	48		P		HSM, WORKING W/ CMT CREW.
	8:00 - 14:30	6.50	ABANDP	52	E	P		SICP 0, CIRC WELL W/ 170 BBLS T-MAC. TEST CSG TO 500 PSI OK. PUMPED 4.6 BBLS FRESH, 2.45 12 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 28.6 BBLS T-MAC, L/D 81 JTS TBG EOT @ 5151' PUMPED 4.6 BBLS FRESH WTR, 4.9 BBLS 24 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 18 BBLS T-MAC. L/D 50 JTS TBG EOT @ 3565', PUMPED 4.6 BBLS FRESH, 7.3 BBLS 36 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 11.5 BBLS T-MAC. LD 75 JTS EOT @ 1185', PUMPED 4.6 BBLS FRESH, 4.9 BBLS 24 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 2.6 BBLS T-MAC. L/D REM 37 JTS, RD FLOOR, ND BOPS, RIGGED DOWN RIG. DIG & CUT OFF WH, RUN 1" 100' INSIDE 51/2 & 100' INSIDE 9/5/8 TOPED BOTH OF W/ 50 SXS G CMT. WEL PLATE SDFN