



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

November 17, 2006

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 &
Location Exception Letter
Snowshoe 4-15-16-22
NWNW Sec. 15-T16S-R22E
Grand County

Dear Ms. Whitney:

Enclosed are two copies of the APD for the above-captioned well. This will be the next well in our Rock Spring drilling program on SITLA land.

Water for drilling this well will be purchased from Bert Delambert and trucked from his ranch to the well site. Mr. Delambert's Water Right number is 49-123

Montgomery & Associates performed a cultural resources survey earlier this week and have verbally reported that there are no issues with respect to either the access road or the location. I will forward their written report to you and to SITLA next week when I receive it.

This well is located outside the 400' window in the center of the NWNW of Section 15. This is because we are trying to hit a 3D seismic target precisely with a vertical well. Wind River II controls all acreage in sections 10, 15 and 16. Section 9 is controlled by another operator, but our staked location is more than 576' from the closest point in Section 9. We hereby request that a location exception be granted administratively for this well.

As always, we appreciate your help and stand ready to answer any questions that may arise.

Sincerely,


Marc T. Eckels

RECEIVED

NOV 21 2006

DIVISION 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: ML47566	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:	
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 CA AGREEMENT NAME: Rock Spring Unit	
2. NAME OF OPERATOR: Wind River II Corporation		9. WELL NAME and NUMBER: Snowshoe 4-15-16-22	
3. ADDRESS OF OPERATOR: P.O. Box 1540 CITY Park City STATE UT ZIP 84098		PHONE NUMBER: (435) 658-0195	10. FIELD AND POOL, OR WILDCAT: Wildcat Undesignated
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 576' FNL & 257' FWL Section 15-T16S-R22E SLB&M AT PROPOSED PRODUCING ZONE: same		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: nwnw 15 16S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 45 miles NE of Green River / 65 miles SE of Roosevelt		12. COUNTY: Grand	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 576'	16. NUMBER OF ACRES IN LEASE: 2,560	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 3,900'	19. PROPOSED DEPTH: 10,700	20. BOND DESCRIPTION: Collateral	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7,415	22. APPROXIMATE DATE WORK WILL START: 12/15/2006	23. ESTIMATED DURATION: 30 days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

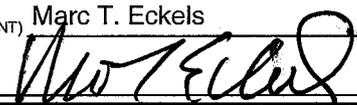
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12.25"	9.625" J-55 36#	800	Lite Type V/Type V 70/240 sx 1.80/1.19 12.8/15/6 ppg
6.24"	4.5" N80/P110 11.6#	10,700	50:50 Poz (foamed) 910 sx 1.47 14.3/11.0

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 checked="" 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  DATE 11/17/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31510

APPROVAL:

NOV 21 2006

**DRILLING PLAN
WIND RIVER II CORP.
SNOWSHOE 4-15-16-22**

1. Estimated Formation Tops (Depth from Surface):

Green River @ Surface

Wasatch = 1,800'

Mesaverde = 3,299'

Castlegate Sandstone = 5,387' - Gas

Mancos Shale = 5,626' - Gas

Dakota Silt = 9,327' - Gas

Dakota Sandstone = 9,380' - Gas

Cedar Mountain = 9,447' - Gas

Morrison = 9,609' - Gas

Entrada Sandstone = 10,125' - Gas

Carmel = 10,436'

TD = 10,700'

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

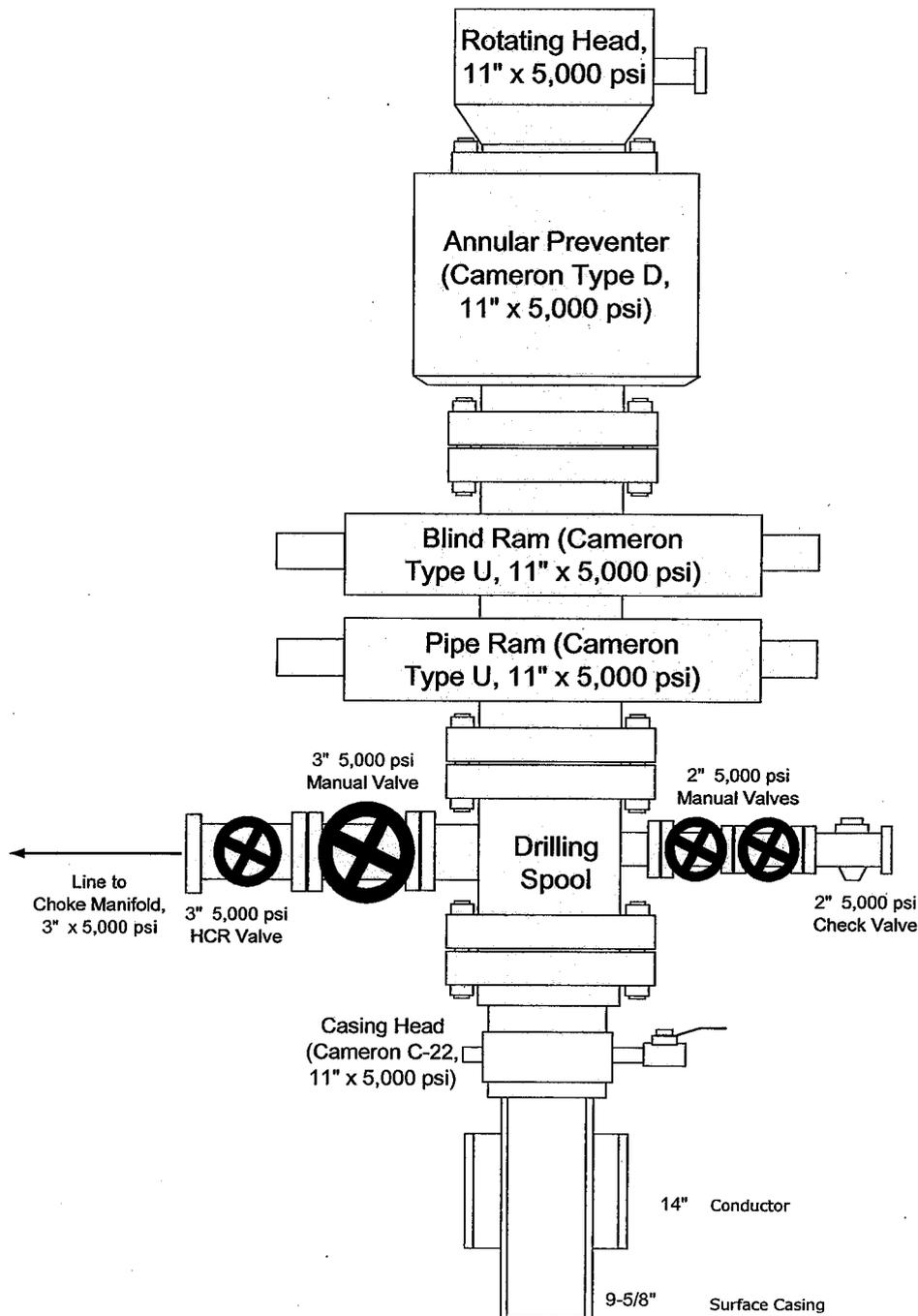
Float Sub at Bit – No

Mud Logger & Instrumentation – Yes

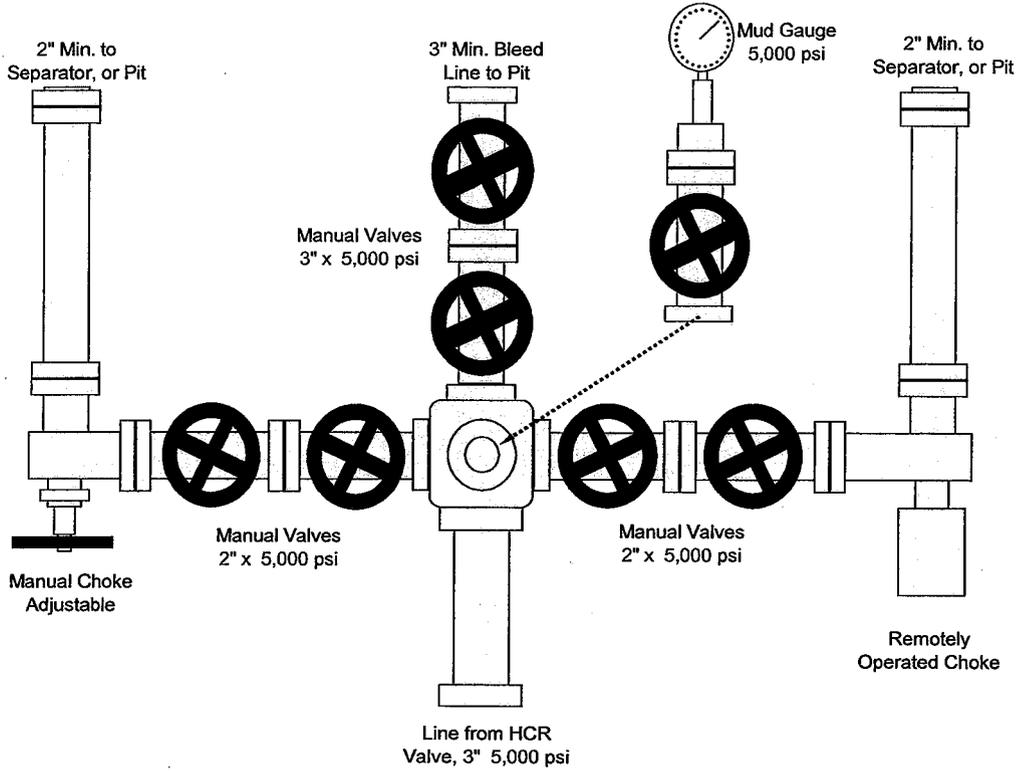
Full-opening Safety Valve on Rig Floor – Yes

Rotating Head – Yes

BOP Configuration for 5,000
psi Working Pressure



**Choke Manifold Configuration
for 5,000 psi Working**



4. Casing Program*:

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.
Conductor	40'	20"	14"	Contractor	0.250" wall
Surface	800'	12-1/4"	9-5/8"	J-55	36.00# (new)
Production	0'-10,700'	6-1/4"	4-1/2"	N-80/P-110	11.6# (new)

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

5. Cement Program*:

Conductor – 0-40'

Ready Mix to surface

Surface Casing – 0 – 800'

Lead: 70 sx HLC Type V (65% CEMENT+35% poz w/ 6% gel, 1% CaCl
 & 0.25 lbm/sk Flocele,
 25% excess

Tail: 240 sx Type 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' - 10,700'

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.

7. Drilling Fluids:

Well will be drilled with a low solids non-dispersed mud with weight maintained at <9.3 ppg. 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

SNOWSHOE 2-15-16-22

1. Existing Roads:

- A. Topographic Map "A" shows the vicinity of the well, including the intersection (Three Pines Jct.) of the Divide, Winter Ridge, Moon Ridge and Hay Canyon roads. This point is reached from Ouray, Utah, on State Road 88, the Seep Ridge Road and the Divide Road. The distance from Ouray to the Seep Ridge/Divide Road intersection is approximately 55 miles. A right turn (to the southwest) onto the Divide Road will lead to Three Pines Jct. in 9.2 miles. Continue approximately 3.3 miles through the junction on the Moon Ridge Road to the Cedar Camp Road on the right (north). Follow the Cedar Camp Road northwest for 3.4 miles to the start of the lease road.

Topographic Map "B" shows the Cedar Camp Road in detail. The point where the lease road departs the existing Cedar Camp Road is approximately 70.7 miles from Ouray. The proposed lease access road will be 0.2 miles.

2. Planned Access Road:

Refer to Topographic Map "B".

- A. Length of new road will be approximately 0.2 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 913-A1, a 1974 Dakota producer in Cedar Camp field, approximately 2,300' to the northwest.

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").

Gas transportation will be either via the existing Canyon Gas pipeline or the currently being constructed Uinta Basin Field Service pipeline. 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 (Water Right #49-123) and hauled by truck from his ranch in Main Canyon.
- B. Water will be transported by truck on the Winter Ridge, Divide, Moon Ridge, Cedar Camp 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 a shale pit planned on SITLA land 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, drilling crew, geologists and mud loggers will be confined to the drilling location as shown on the "Location Layout" diagram.

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.

- B. 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.

November 17, 2006
Date


Marc T. Eckels
Vice President

WIND RIVER II CORPORATION

SNOWSHOE #4-15-16-22

LOCATED IN GRAND COUNTY, UTAH

SECTION 15, T16S, R22E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

U
E
L
S
 Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

11 06 06
MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: L.K.

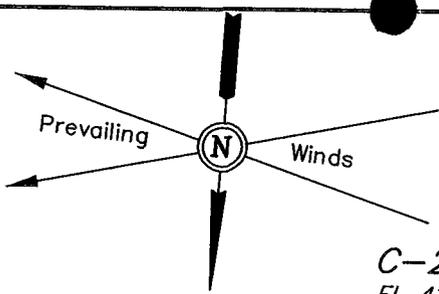
REVISED: 00-00-00

WIND RIVER II CORPORATION

LOCATION LAYOUT FOR

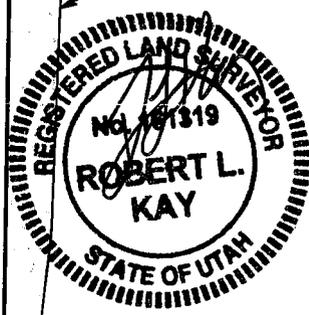
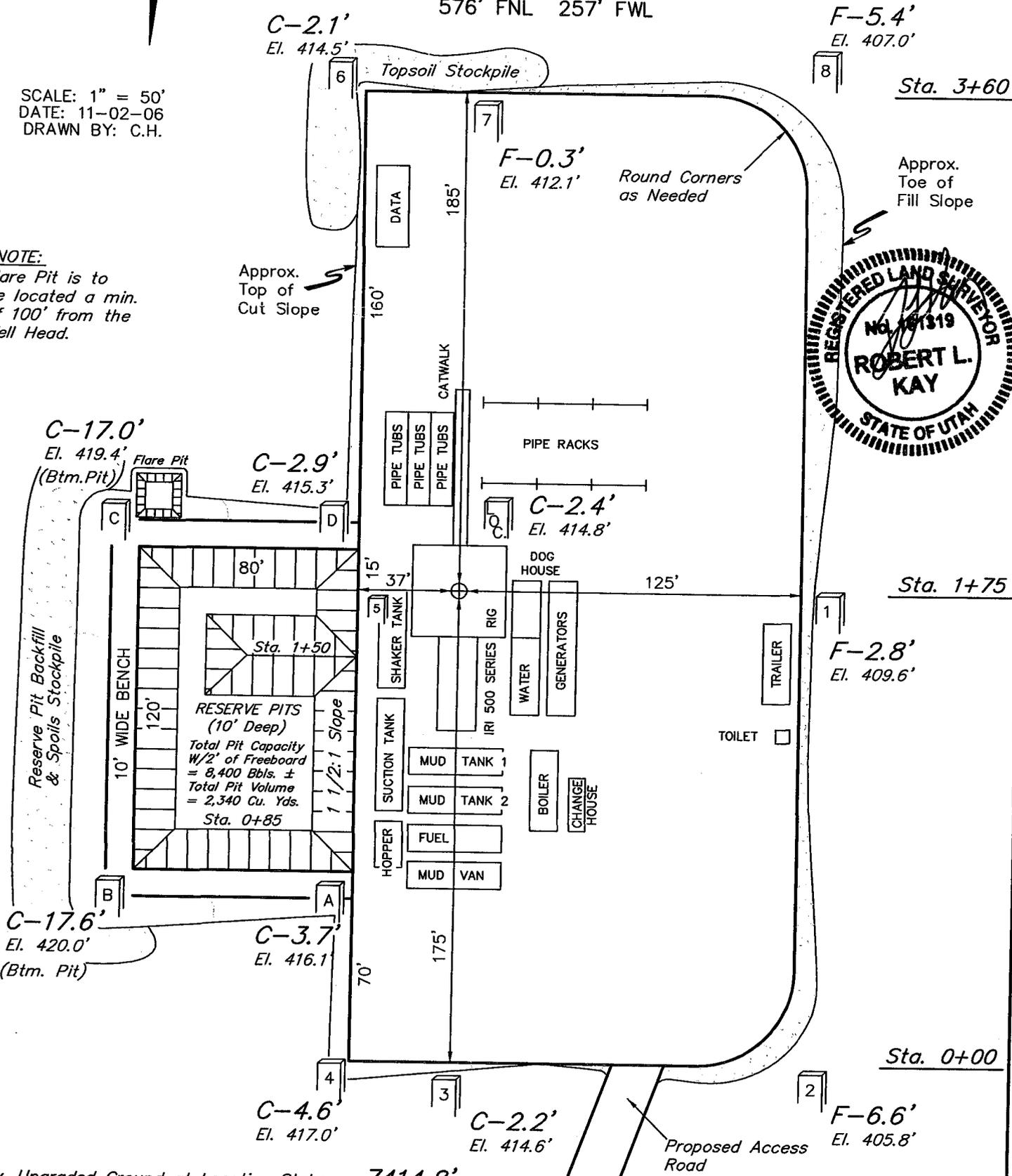
SNOWSHOE #4-15-16-22
SECTION 15 T16S, R22E, S.L.B.&M.

576' FNL 257' FWL



SCALE: 1" = 50'
DATE: 11-02-06
DRAWN BY: C.H.

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



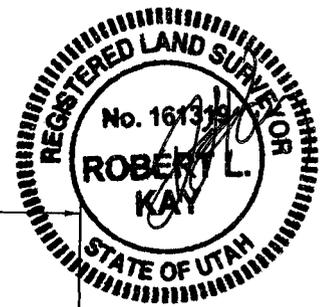
Elev. Ungraded Ground at Location Stake = 7414.8'
Elev. Graded Ground at Location Stake = 7412.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WIND RIVER II CORPORATION

TYPICAL CROSS SECTIONS FOR

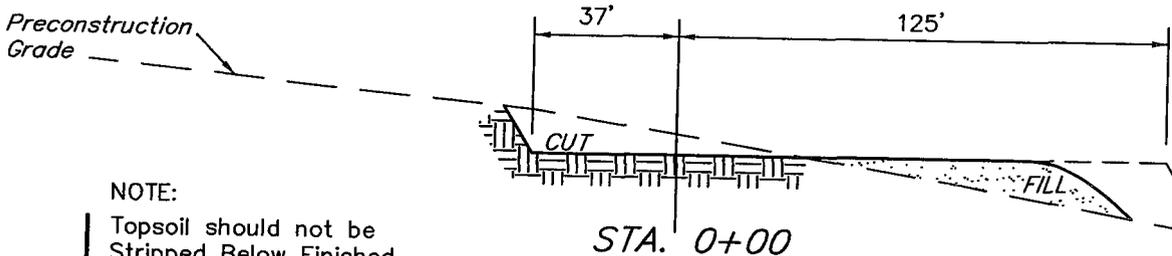
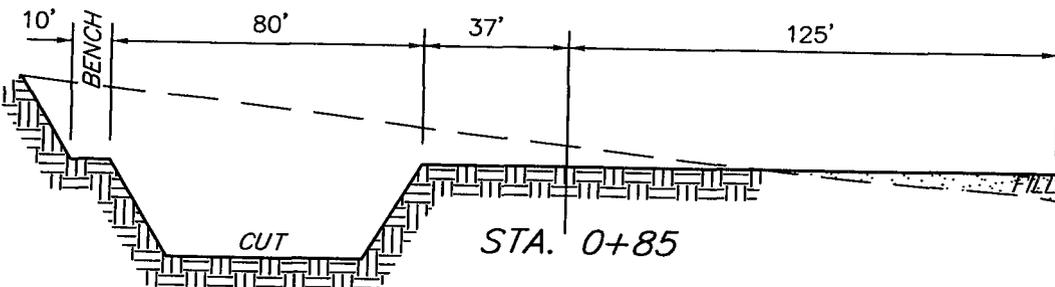
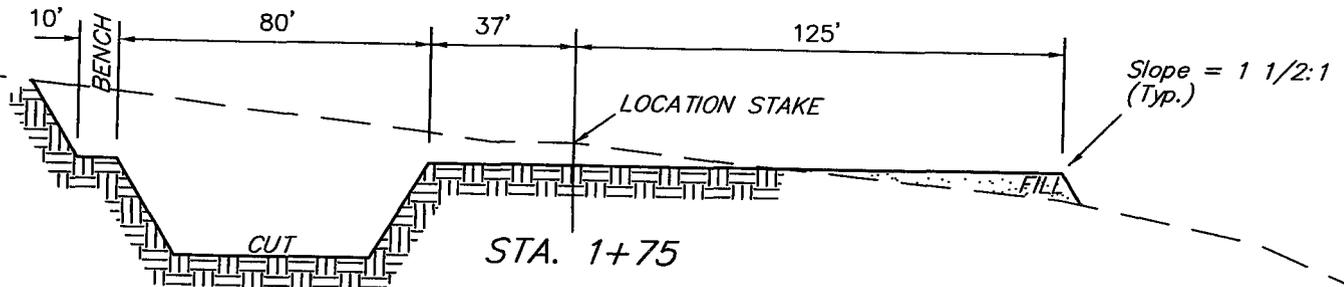
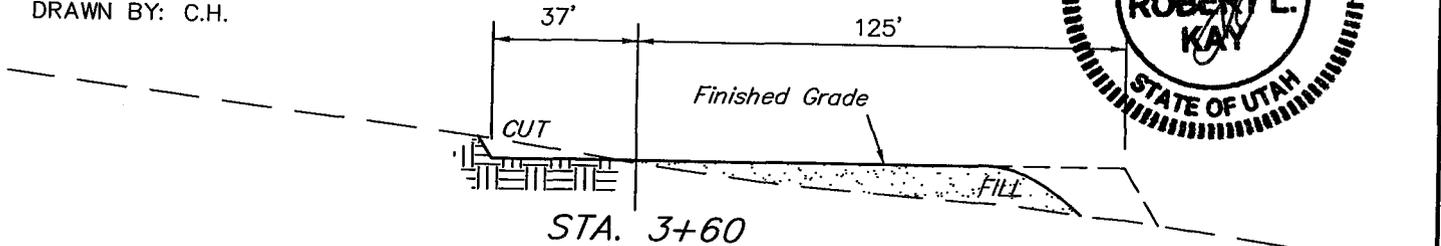
SNOWSHOE #4-15-16-22
SECTION 15 T16S, R22E, S.L.B.&M.
576' FNL 257' FWL



1" = 20'
X-Section Scale
1" = 50'

DATE: 11-02-06

DRAWN BY: C.H.



NOTE:

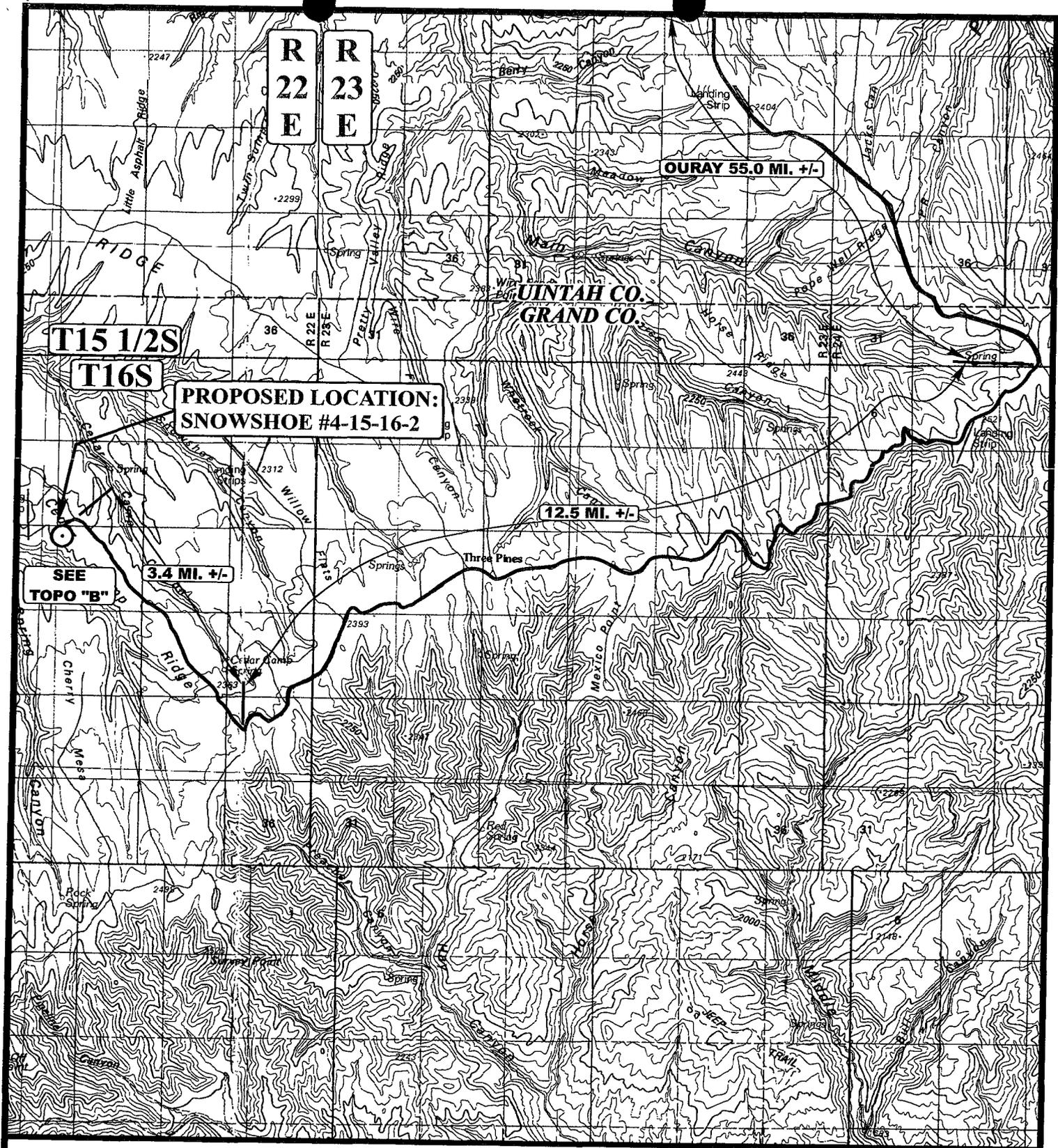
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,510 Cu. Yds.
Remaining Location	= 6,280 Cu. Yds.
TOTAL CUT	= 7,790 CU.YDS.
FILL	= 5,110 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,680 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,680 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



⊙ PROPOSED LOCATION



WIND RIVER II CORPORATION

SNOWSHOE #4-15-16-22
 SECTION 15, T16S, R22E, S.L.B.&M.
 576' FNL 257' FEL

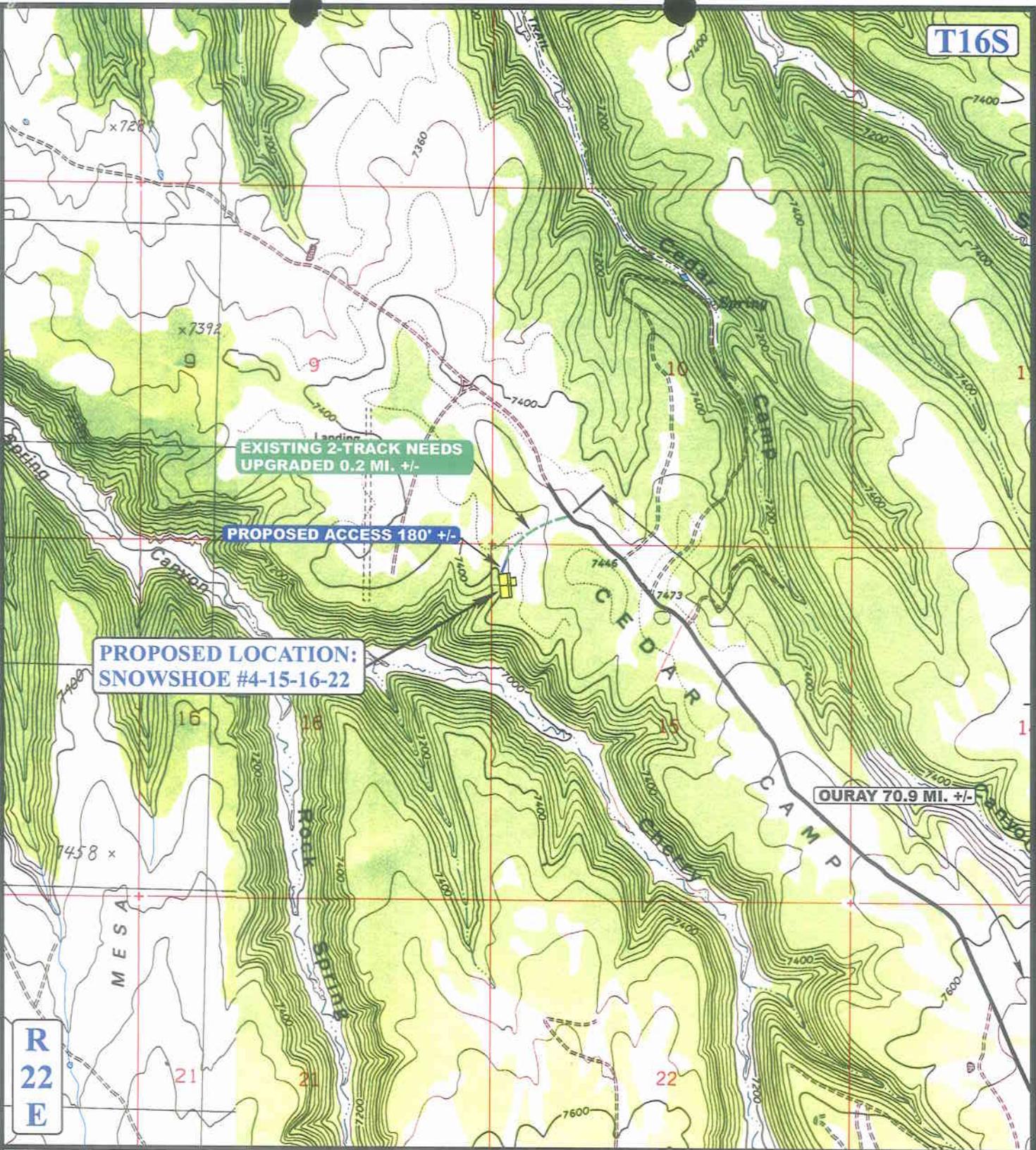


Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
 11 06 06
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00



T16S



R
22
E

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

WIND RIVER II CORPORATION

SNOWSHOE #4-15-16-22
 SECTION 15, T16S, R22E, S.L.B.&M.
 576' FNL 257' FEL



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

TOPOGRAPHIC MAP 11 06 06
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00



T16S

PROPOSED LOCATION:
SNOWSHOE #4-15-16-22

C.C.
#16:1

Landing Strip

R
22
E

LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

WIND RIVER II CORPORATION

SNOWSHOE #4-15-16-22
SECTION 15, T16S, R22E, S.L.B.&M.
576' FNL 257' EEL



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

TOPOGRAPHIC MAP 11 06 06
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/21/2006

API NO. ASSIGNED: 43-019-31510

WELL NAME: SNOWSHOE 4-15-16-22
 OPERATOR: WIND RIVER II (N2895)
 CONTACT: MARC ECKELS

PHONE NUMBER: 435-658-0195

PROPOSED LOCATION:

NWNW 15 160S 220E
 SURFACE: 0576 FNL 0257 FWL
 BOTTOM: 0576 FNL 0257 FWL
 COUNTY: GRAND
 LATITUDE: 39.42146 LONGITUDE: -109.4855
 UTM SURF EASTINGS: 630366 NORTHINGS: 4364433
 FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	1/26/07
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML47566
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: ENRD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008795)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-123)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)
- 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: Needs Presu (12-19-2006)

STIPULATIONS: 1- Spacing Strip
2- STATEMENT OF BASIS

T16S R22E

CEDAR CAMP FIELD

STATE 913-4A

CHERRY ◊
CYN U ST 16-1

⊕ SNOWSHOE
4-15-16-22

⊕ SNOWSHOE
2-15-16-22

ROCK SPRINGS UNIT

OPERATOR: WIND RIVER II CORP (N2895)

SEC: 15 T.16S R. 22E

FIELD: UNDESIGNATED (002)

COUNTY: GRAND

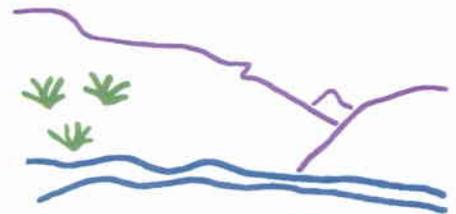
SPACING: R649-3-3 / EXCEPTION LOCATION

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 MASON
DATE: 22-NOVEMBER-2006

Application for Permit to Drill

Statement of Basis

12/20/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
180	43-019-31510-00-00		GW	S	No
Operator	WIND RIVER II CORPORATION	Surface Owner-APD			
Well Name	SNOWSHOE 4-15-16-22	Unit	Rock Spring		
Field	UNDESIGNATED	Type of Work			
Location	NWNW 15 16S 22E S 0 FL 0 FL	GPS Coord (UTM)	630366E 4364433N		

Geologic Statement of Basis

Wind River proposes to set 800' of surface casing at this location. The base of the moderately saline water is at approximately 4,900 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 production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Brad Hill
APD Evaluator

12/20/2006
Date / Time

Surface Statement of Basis

This location is on SITLA surface with SITLA minerals. Site is in Grand County, Utah near the south edge of the flat Cedar Camp ridge. This ridge breaks into the rugged Cherry Canyon are about 200 yards south and west of the location. No seeps, springs or flowing water are in the immediate area. Cherry Canyon joins Kelly Canyon about 1/2 mile west of the location. Kelly Canyon is a major drainage of Meadow Creek. Meadow Creek is a tributary of and joins Willow Creek approximately 8 miles to the northwest of the location. Ouray, UT is approximately 72 road miles to the northeast.

Access to the site from Ouray, UT is following the Seep Ridge Road south to the Book Cliffs Divide then west along the divide 12.5 miles to the Cedar Camp Ridge road then northwest along this road 3.4 to an existing 2-track road which will be upgraded for 0.2 miles. A new road 180 feet in length will be constructed. he newly constructed 0.8 miles road which ends at the location.

The location appears to be suitable for drilling and operating a well.

Floyd Bartlett
Onsite Evaluator

12/19/2006
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator WIND RIVER II CORPORATION
Well Name SNOWSHOE 4-15-16-22
API Number 43-019-31510-0 **APD No** 180 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NWNW **Sec** 15 **Tw** 16S **Rng** 22E 0 FL 0 FL
GPS Coord (UTM) 630364 4364433 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Ed Bonner and Scott Chamberlain (SITLA), Mark Eckels, (Wind River II), Clint Hamilton and Russ Wells (Nations Oilfield Services), Ben William (UDWR)

Regional/Local Setting & Topography

Site is in Grand County, Utah near the south edge of the flat Cedar Camp ridge. This ridge breaks into the rugged Cherry Canyon are about 200 yards south and west of the location. No seeps, springs or flowing water is in the immediate area. Cherry Canyon joins Kelly Canyon about 1/2 mile west of the location. Kelly Canyon is a major drainage of Meadow Creek. Meadow Creek is a tributary of and joins Willow Creek approximately 8 miles to the northwest of the location. Ouray, UT is approximately 72 road miles to the northeast.

Access to the site from Ouray, UT is following the Seep Ridge Road south to the Book Cliffs Divide then west along the divide 12.5 miles to the Cedar Camp Ridge road then northwest along this road 3.4 to an existing 2-track road which will be upgraded for 0.2 miles. A new road 180 feet in length will be constructed. he newly constructed 0.8 miles road which ends at the location.

Surface Use Plan

Current Surface Use

Wildlife Habitat
Grazing
Recreational

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0.2	Width 252	Length 365	

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Big sage brush, pinion/juniper, slender wheatgrass, needle and thread grass, poa spp., blue gramma, bitterbrush, snowberry, ponderosa pine, Douglas fir. Deer, elk, mountain lion, bear, other small mammals and birds. A raptor survey located no raptors in the area. Cattle graze the area in the summer.

Soil Type and Characteristics

Rocky shallow sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		20
		1 Sensitivity Level

Characteristics / Requirements

The reserve pit is planned in an area of cut on the northeast portion of the location. It will be lined with a 20 mil liner and a sub liner. Its size is 80' x 120' x 10' deep.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 20 Pit Underlayment Required? Y

Other Observations / Comments

Ben Williams representing the UDWR stated that the area is classified as critical summer range for elk and high value summer range for deer. He said the critical time is from May 15 to July 5th for these species. Mr. Williams also stated the area was within the brooding range for sage grouse but did not recommend any restriction. No other wildlife is expected to be affected. Mr. Williams provided Mr. Eccles and Mr Bonner copies of his wildlife evaluation and a recommended seed mix to use when re-seeding the disturbed areas.

Scott Chamberlain from SITLA ask Mr Eccles about plans for additional wells in the general area. Mr. Eccles stated that after this well was completed they would have more information but expected to drill several wells on their SITLA leases in this area.

Floyd Bartlett
Evaluator

12/19/2006
Date / Time

Casing Schematic

BHP

$0.052(10700)9.2 = 5119 \text{ psi}$
anticipate?

Gas

$.12(10700) = 1284$
 $5119 - 1284 = 3835 \text{ psi}$
MASPI

BOPE = 5M ✓

Burst 3520
 $70\% \rightarrow 2464 \text{ psi}$

Max P @ surf. shoe

$.22(7400) = 1628$
 $5119 - 1628 = 3491 \text{ psi}$

test to 2464 psi ✓

Rotating head to 3300' ✓

✓ Adequate OVD 1/26/07

Surface

12.7' 18.7'

TOC @ 0. TOC @ Green River 0.

9-5/8"
MW 8.4
Frac 19.3

3299' Mesaverde
Surface
3300. MD

- 4900± BMSW
- 5387' Castlegate
- 5626' Mancos Shale

- 9327' Dakota Silt
- 9447' Cedar Mtn.
- 9609' Morrison
- 10125' Entrada
- 10436' Carmel

4-1/2"
MW 9.2

Production
10700. MD

1800' Wasatch ✓

✓

Well name:	2006-12a Wind River Snowshoe 4-15-16-22 rev		
Operator:	Wind River II Corporation		
String type:	Surface	Project ID:	43-019-31510
Location:	Grand County, Utah		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 2,904 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 3,300 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

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 buoyed weight.
 Neutral point: 2,890 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 121 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 800 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 10,468 ft
 Next mud weight: 9.200 ppg
 Next setting BHP: 5,003 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 3,300 ft
 Injection pressure: 3,300 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	3300	9.625	36.00	J-55	LT&C	3300	3300	8.796	1432.4
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	1440	2020	1.403	3300	3520	1.07	104	453	4.35 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: (801) 538-5357
 FAX: (801) 359-3940

Date: January 25, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	2006-12a Wind River Snowshoe 4-15-16-22 rev		
Operator:	Wind River II Corporation		
String type:	Production	Project ID:	43-019-31510
Location:	Grand County, Utah		

Design parameters:

Collapse

Mud weight: 9.200 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,760 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 5,114 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

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 buoyed weight.
 Neutral point: 9,228 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 225 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

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	10700	4.5	11.60	N-80	LT&C	10700	10700	3.875	933.7
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	5114	6350	1.242	5114	7780	1.52	107	223	2.08 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: (801) 538-5357
 FAX: (801) 359-3940

Date: January 25, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10700 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. 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.

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: ML47566	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:	
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 CA AGREEMENT NAME: Rock Spring Unit	
2. NAME OF OPERATOR: Wind River II Corporation			9. WELL NAME and NUMBER: Snowshoe 4-15-16-22	
3. ADDRESS OF OPERATOR: P.O. Box 1540 CITY Park City STATE UT ZIP 84098		PHONE NUMBER: (435) 658-0195	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 576' FNL & 257' FWL Section 15-T16S-R22E SLB&M AT PROPOSED PRODUCING ZONE: same			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: nwnw 15 16S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 45 miles NE of Green River / 65 miles SE of Roosevelt			12. COUNTY: Grand	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 576'	16. NUMBER OF ACRES IN LEASE: 2,560	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 3,900'	19. PROPOSED DEPTH: 10,700	20. BOND DESCRIPTION: Surety		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7,415	22. APPROXIMATE DATE WORK WILL START: 12/15/2006	23. ESTIMATED DURATION: 30 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

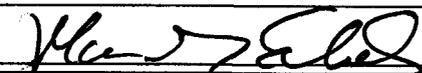
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12.25"	9.625" J-55 36#	3,300	Lite Type V/Type V 510/450 sx 3.12/1.17 11.6/15.8 ppg
6.24"	4.5" N80/P110 11.6#	10,700	50:50 Poz (foamed) 910 sx 1.47 14.3/11.0

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 checked="" 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

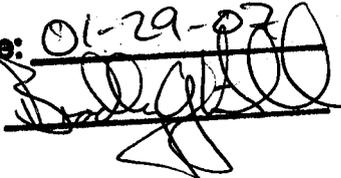
NAME (PLEASE PRINT) Marc T. Eckels TITLE Vice President

SIGNATURE  DATE 11/17/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31510 APPROVAL: _____

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

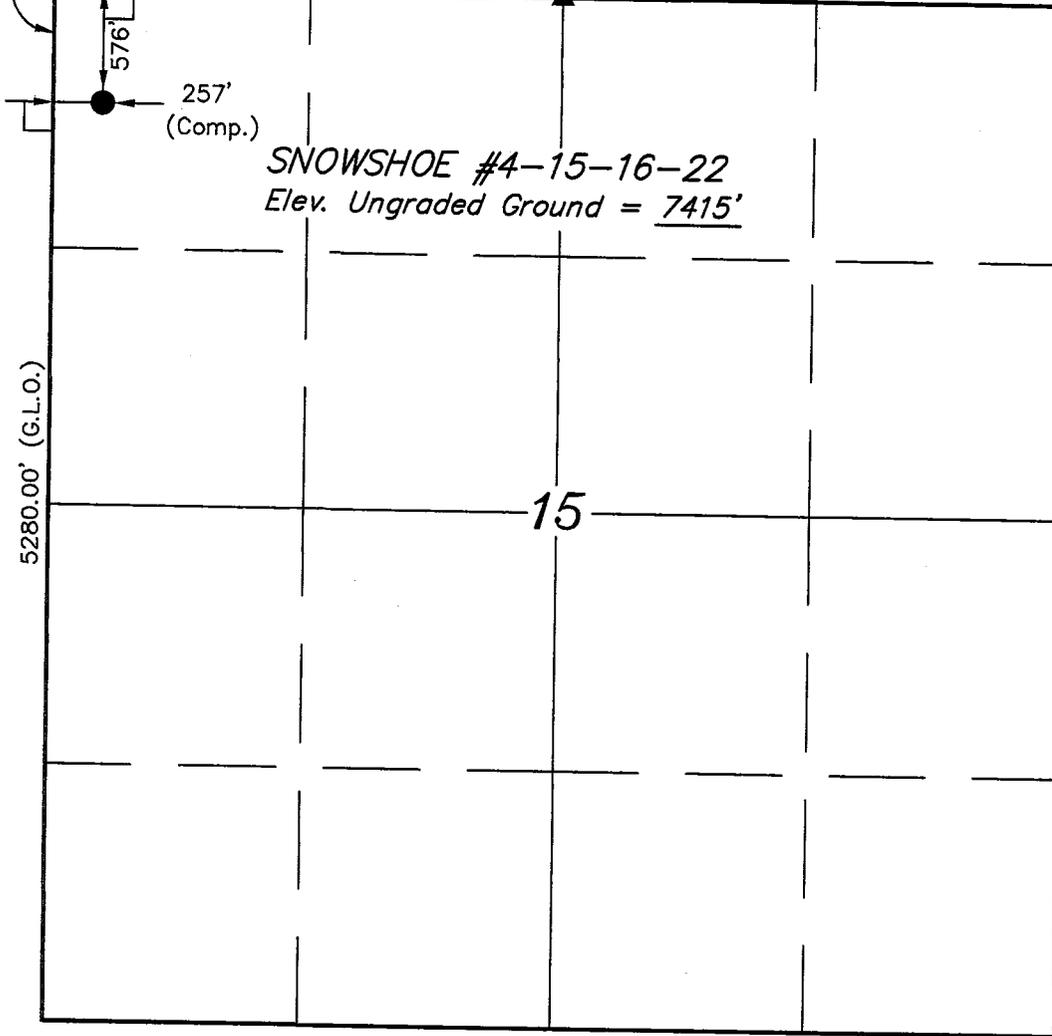
Date: 01-29-07
By: 

T16S, R22E, S.L.B.&M.

1922 Brass Cap
4" High, Pile
of Stones

269°59' (G.L.O.)
S89°54'10"W - 2636.50' (Meas.)

1922 Brass Cap
6" High, Pile of
Stones N89°57'E - 2637.36' (G.L.O.)



SNOWSHOE #4-15-16-22
Elev. Ungraded Ground = 7415'

5280.00' (G.L.O.)

500'01"E - 5280.00' (G.L.O.)

WEST - 5272.08' (G.L.O.)

LEGEND:

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

(AUTONOMOUS NAD 83)
LATITUDE = 39°25'17.15" (39.421431)
LONGITUDE = 109°29'10.61" (109.486281)
(AUTONOMOUS NAD 27)
LATITUDE = 39°25'17.27" (39.421464)
LONGITUDE = 109°29'08.16" (109.485600)

WIND RIVER II CORPORATION

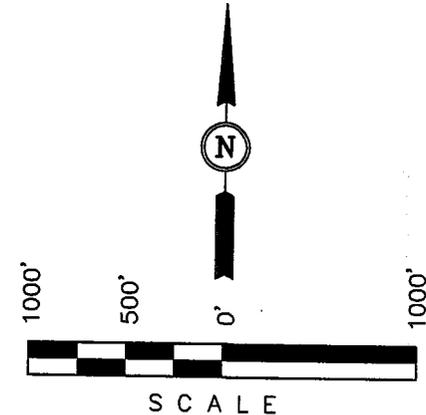
Well location, SNOWSHOE #4-15-16-22, located as shown in the NW 1/4 NW 1/4 of Section 15, T16S, R22E, S.L.B.&M. Grand County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION LOCATED IN THE NW 1/4 OF SECTION 15, T16S, R22E, 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 7446 FEET.

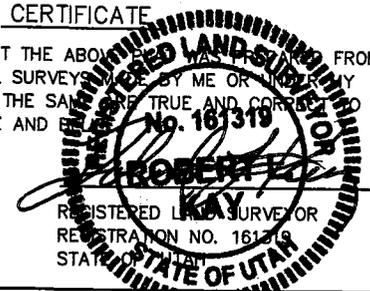
BASIS OF BEARINGS

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



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED LAND IS CORRECTLY SHOWN FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT THE SAID NOTES ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



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

SCALE 1" = 1000'	DATE SURVEYED: 11-01-06	DATE DRAWN: 11-02-06
PARTY B.H. F.Y. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WIND RIVER II CORPORATION	

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: ML47566	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:	
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 CA AGREEMENT NAME: Rock Spring Unit	
2. NAME OF OPERATOR: Wind River II Corporation				9. WELL NAME and NUMBER: Snowshoe 4-15-16-22	
3. ADDRESS OF OPERATOR: P.O. Box 1540 CITY Park City STATE UT ZIP 84098			PHONE NUMBER: (435) 658-0195	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 576' FNL & 257' FWL Section 15-T16S-R22E SLB&M AT PROPOSED PRODUCING ZONE: same				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: nwnw 15 16S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 45 miles NE of Green River / 65 miles SE of Roosevelt				12. COUNTY: Grand	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 576'		16. NUMBER OF ACRES IN LEASE: 2,560		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 3,900'		19. PROPOSED DEPTH: 10,700		20. BOND DESCRIPTION: Surety	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7,415		22. APPROXIMATE DATE WORK WILL START: 12/15/2006		23. ESTIMATED DURATION: 30 days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

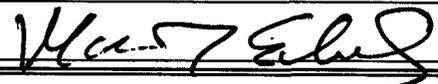
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12.25"	9.625"	J-55	36#	3,300	Lite Type V/Type V	510/450 sx	3.12/1.17	11.6/15.8 ppg
6.24"	4.5"	N80/P110	11.6#	10,700	50:50 Poz (foamed)	910 sx	1.47	14.3/11.0

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 checked="" 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  DATE 11/17/2006

(This space for State use only)

API NUMBER ASSIGNED: _____ APPROVAL: _____

4. Casing Program*:

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.
Conductor	40'	20"	14"	Contractor	0.250" wall
Surface	3,300'	12-1/4"	9-5/8"	J-55	36.00# (new)
Production	0'-10,700'	6-1/4"	4-1/2"	N-80/P-110	11.6# (new)

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

5. Cement Program*:

Conductor – 0-40'

Ready Mix to surface

Surface Casing – 0 – 3,300'

Lead: 510 sx HLC Type V (65% CEMENT+35% poz w/ 6% gel, 2% CaCl & 0.125 lbm/sk Flocele, 25% excess

Tail: 450 sx Type V (Class G) w/ 2% CaCl & 0.125lbm/sk Flocele, 75% excess

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

Cement Characteristics:

Lead

Yield = 3.12 cu ft per sk

Slurry Weight = 11.6 ppg

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

Tail

Yield = 1.17 cu ft per sk

Slurry Weight = 15.8 ppg

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



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

December 23, 2007

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

Re: Surface Casing Changes to APD
Snowshoe 4-15-16-22
NWNW Sec. 15-T16S-R22E
Grand County

Dear Mr. Doucet:

Enclosed you will find duplicate copies of the Form 3 APD and the casing and cementing programs in the drilling plan for the above-captioned well, per you January 9, 2007 email to me concerning the surface casing setting depth. I have changed the casing setting depth to 3,300', which will get it into the top of the Mesaverde, and altered the cementing program accordingly.

With respect to protection before the surface casing is run, on our previous wells in this area we have run and cemented about 40' of 14" conductor pipe and used a diverter on that. I understand that recent events have raised some issues in this area, so we plan to run a rotating head on top of the conductor on this well. We have run mud logs with a well site geologist on these wells from 40' to TD because we want as much information on the shallow tar sands as possible. We have had several shows in the 20-40 unit range, but none greater than that in either the Green River or the Wasatch. All of the logs in the immediate area indicate that the water in the Wasatch is fresh, so we do not expect to see gas. In fact, that first gas show greater than 40 units in our nearby Kelly Canyon 5-8-16-22 well was below 4,000' in the Mesaverde.

Sincerely,


Marc T. Eckels

From: Ed Bonner
To: Mason, Diana
Date: 1/18/2007 2:13 PM
Subject: Well Clearance

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

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

EOG Resources, Inc
Chapita Wells Unit 722-32 (API 43 047 38862)

Enduring Resources, LLC
Long Draw 12-24-34-23 (API 43 047 38652)

Gasco Production Company
Wilkin Ridge State 21-16-10-17 (API 43 047 38883)
Wilkin Ridge State 32-32-10-17 (API 43 047 38882)
Wilkin Ridge State 11-32-10-17 (API 43 047 38875)

Wind River II Corporation
Snowshoe 4-15-16-22 (API 43 019 31510)

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



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

January 29, 2007

Wind River II Corporation
P O Box 1540
Park City, UT 84098

Re: Snowshoe 4-15-16-22 Well, 576' FNL, 257' FWL, NW NW, Sec. 15,
T. 16 South, R. 22 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-019-31510.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Wind River II Corporation
Well Name & Number Snowshoe 4-15-16-22
API Number: 43-019-31510
Lease: ML47566

Location: NW NW **Sec.** 15 **T.** 16 South **R.** 22 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. 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.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: WIND RIVER II CORPORATION

Well Name: SNOWSHOE 4-15-16-22

Api No: 43-019-31510 Lease Type: STATE

Section 15 Township 16S Range 22E County GRAND

Drilling Contractor PETE MARTINS DRLG RIG # BUCKET

SPUDDED:

Date 03/28/07

Time MIDNITE

How DRY

Drilling will Commence: _____

Reported by MARC ECKELS

Telephone # (801) 466-4131

Date 03/30/07 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: 1245 East Brickyard Road, Suite 110
city Salt Lake City
state UT zip 84106 Phone Number: (801) 466-4131

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931510	Snowshoe 4-15-16-22		NWNW	15	16S	22E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	160316	3/28/2007			4/5/07	
Comments: Spudded by Pete Martin Drilling air rig. Set and cemented 40' of 14" conductor pipe. Patterson Rig 77 moving onto location 3-30-2007. <i>ENRD</i>							

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:							

RECEIVED
APR 02 2007

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)

DIV. OF OIL, GAS & MINING

Marc T. Eckels

Name (Please Print)

Signature

Vice President

Title

3/30/2007

Date



WIND RIVER II 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

June 11, 2007

Bart Kettle – Petroleum Specialist – **VIA FAX**
Dan Jarvis – Field Operations Manager – **HAND DELIVERED**
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: **43.019.31510**
Notice of Violation Dated June 7, 2007
Snowshoe 4-15-16-22
nwnw Section 15-T16S-R22E
Grand County, Utah

Gentlemen,

Attached please find a Sundry Notice containing the drilling report for the above-captioned well. I apologize for the tardiness of this submission. Also attached is a copy of the April 8, 2007 email from company man Joe Lee informing me that he notified Dan Jarvis, per the conditions of approval attached to our APD, via voice mail 24 hours prior to cementing surface casing and testing the BOPE.

I do not have a record of a notification for cementing the long string. Joe Lee is working on someone else's well in Colorado and it has taken me several tries to reach him. He recalls having made the notification and will go through his files to try and find documentation as soon as he is able.

Sincerely,

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: ML47566
		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 Spring
		8. WELL NAME and NUMBER: Snowshoe 4-15-16-22
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: Wind River II Corporation	9. API NUMBER: 4301931510
3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd., Ste. 1 CITY Salt Lake City STATE UT ZIP _____	PHONE NUMBER: (801) 466-4131	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 576' FNL & 257' FWL		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: nwnw 15 16S 22E 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: 5/1/2007	<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>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.

3/28/2007 - Complete building location. Pete Martin Drilling drilled rat hole and mouse hole and 20" conductor hole. Set and cemented 40' of 14" conductor pipe.

3/29/2007 - Installed pit liner during snowstorm.

3/30/2007 thru 4/3/2007 - Move in and rig up Patterson #77 from south of Myton.

4/3/2007 - Pre-spud inspection. Pick up and strap bottom hole assembly with 12-1/4" bit. KB = 16'. Commence drilling (spud with rotary rig) surface hole at 12:30 p.m. Drill from 54'-520' in Green River formation. Saw shaly tar sands at about 100'.

4/4/2007 - Drilling from 520'-1,468'.

4/5/2007 - Drilling from ,486' to top of Wasatch formation at 1,811'. Drilling from 1,811' to 1,913.

4/6/2007 - 4/9/2007 - Drilling from 1,913' to surface casing point at 3,600'. Topped Mesaverde formation at 3,330'. Lett voive mail for Dan Jarvis at DOG&M on 4/8/2007 at 10:45 a.m. that would cement surface early a.m. on 4/10/2007 and test BOPE at noon.

4/10/2007 - Trip out of hole and lay down 8" drill collars. Run 83 joints of 9-5/8", 36#, J-55, ST&C surface casing and set at 3,600'. Had to wash last 7' into hole and lost circulation while washing. Pumped LCM pill and regained full returns. Rig up Halliburton cementers and cement casing as follows: 20 bbl fresh water spacer + 1070 sx (343 bbl) lead cement (Type V w/ 1% CaCl, 0.125#/sk polyflake) at 12.8 ppg pumped at 5.5 bpm + 280 sx (60 bbl) tail cement (Type V with additives as above. Displace with 275 bbl drilling mud. Lost returns briefly with 118 pumped, but regained and circulated 100 bbl cement to surface. Bumped plug with 1,703 psi (460 psi over) at 1:40 a.m. 4/11/2007. Plug held. Wait on cement.

NAME (PLEASE PRINT) <u>Marc T. Eckels</u>	TITLE <u>Vice President</u>
SIGNATURE _____	DATE <u>6/11/2007</u>

(This space for State use only)

WIND RIVER II CORP. SNOWSHOE 4-15-16-22 DRILLING REPORT - PAGE 2

4/11/2007 - Cut casing & weld on casing head. Nipple BOPE. Wait on B&C Quick Test. Test BOPE to 5,000 psi and surface casing to 1,500 psi with no leaks. Set wear ring. Pick up 7-7/8" bit and bottom hole assembly.

4/12/2007 - Continue tripping in hole and tag cement at 3,565'. Drill out cement and float collar. Drilling from 3,600'-3,658'in Mesaverde. Change swivel packing on rig.

4/13/2007 - 4/15/2007 - Drilling from 3,658'-4,391'. Trip for bit to control deviation, which had rapidly increased to 5 degrees. Trip in hole with new bit and drill to 4,516'

4/16/2007 - 4/17/2007 - Drilling from 4,516'-6,415' Top of Castlegate sandstone at 5,556' and Mancos shale at 5,846'. Deviation slowly coming in to equal 2.39 degrees at 5,748'.

4/18/2007 - 4/19/2007 - Drilling from 6,415'-7,681' in Mancos. Trip for new mud motor and bit. Survey at 7,681' = 2.11 degrees. Trip in hole to 7,609'. Ream from 7,609'-7,681'. Drilling from 7,681'-7,700'.

4/20/2007 - 4/22/2007 - Drilling from 7,700'-9,665'. Top of Dakota silt at 9,340', Dakota sandstone at 9,424', Cedar Mountain formation at 9,547' & Morrison at 9,689'. Trip for bit and mud motor.

4/23/2007 - Trip back in hole. Drilling from 9,665'-9,691' in Morrison. Rig mud pumps went down.

4/24/2007 - 4/25/2007 - Repair mud pumps. Drilling from 9,691'-10,130'. Top of Summerville at 10,126'.

4/26/2007 - 4/28/2007 - Drilling from 10,130' to TD at 10,700'. Top of Curtis formation at 10,166', Entrada sandstone at 10,208', Carmel at 10,486' and Navajo sandstone at 10,522'. Lost 100 bbl mud at 10,287'. Short trip. Circulate and condition hole for logs. Rig up Schlumberger to run openhole logs.

4/29/2007 - Run Schlumberger Platform Express with Lithodensity/Compensated Neutron/Array induction/Gamma ray/Caliper/Spontaneous potential Borehole compensated sonic logs. Wireline depth = 10,706'. Rig down Schlumberger logging truck and trip in hole to TD. Circulate and condition hole to run production casing. Trip out of hole laying down drill pipe and bottom hole assembly. Rig up casing crew.

5/1/2007 - Run 271 joints 4-1/2", 11.6#, HP-110, LT&C production casing and set at 10,638. Rig down casing crew. Rig up Halliburton cementers and test cement lines to 5,000 psi and N2 lines to 9,000 psi. Foam cement long string as follows: 10 bbl fresh water spacer + 20 bbl super flush + 10 bbl fresh water spacer + 1,152 sx (total slurry volume = 205 bbl) 50/50 Pozmix lead cement with 5#/sk silicalite, 20% SSA-1, 3% Halad-766, 0.2% Versaset and 1.5% Zonesealant 2000 foamed to 11 ppg + 115 sx 50/50 Pozmix with additives as above, but no Zonesealant or N2 foam at 14.3 ppg. Displaced with 165 bbl fresh water. Had returns entire job. Bump plug with 1,900 psi at 8 p.m. 4/30/2007. Wait on cement. Set 100,000# on slips and cut off casing. Nipple down BOPE. Release rig at 6 a.m. 5/1/2007.

6/11/2007 – Patterson #77 still rigged up on location awaiting job.

Marc T. Eckels

From: JOE LEE [jlee49@sisna.com]
Sent: Sunday, April 08, 2007 11:00 AM
To: MARC ECKELS
Subject: NOTIFICATION

MARC,
I NOTIFIED DAN JARVIS, MESSAGE ON VOICE MAIL @ 10:45 AM 4-8-07, WE WOULD, TENTATIVELY, CMT
SERFACE 4:00 AM TUE. AND TEST AROUND NOON.

JOE LEE

4-10-2007

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: 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

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML 47566

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Rock Spring Unit

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 _____

8. WELL NAME and NUMBER:

Snowshoe 4-15-16-22

2. NAME OF OPERATOR:
Wind River II Corporation

9. API NUMBER:
4301931510

3. ADDRESS OF OPERATOR:
1245 E. Brickyard Rd. #110 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: **576' FNL & 257' FWL**

COUNTY: **Grand**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 15 16S 22E SL B&M**

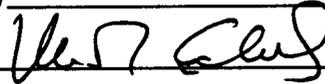
STATE:
UTAH

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 started because the drilling rig remains on the well and in the way. We hope to have the rig moved shortly. A completion report will be submitted as soon as the well is completed. No work has been done since the last report.

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

(This space for State use only)

RECEIVED

SEP 24 2007

DIV. OF OIL, GAS & MINING

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 47566
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: Snowshoe 4-15-16-22
3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd. #110 CITY Salt Lake City STATE UT ZIP 84106		9. API NUMBER: 4301931510
4. LOCATION OF WELL FOOTAGES AT SURFACE: 576' FNL & 257' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 15 16S 22E 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 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 delayed 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	4301931457	11/14/2005
SNOWSHOE 4-15-16-22 16S 22E 15	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: 15 165 222
 (801) 359-3940

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.

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47566
		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: Snowshoe 4-15-16-22
2. NAME OF OPERATOR: Wind River II Corporation		9. API NUMBER: 4301931510
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd, St 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: 576'fml & 257' fwl		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 15 16S 22E 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 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. To prepare for completion operations, a work-over rig was moved to the location in mid September. After cleaning the hole, a cement bond log was run. The log shows excellent cement quality over the zones targeted for perforations. The rig was released in early October. A completion report will be filed as soon as the data from the completion is available. PBTD of this well is 10,554'.

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

(This space for State use only)

RECEIVED

NOV 03 2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

June 23, 2009

CERTIFIED MAIL NO.: 70041160000301903102

Wind River II Corporation
1245 Brickyard Rd #110
Salt Lake City, UT 84106

Subject: Second Notice of Violation for one well in Grand County Utah

Gentlemen:

Per the recent field inspection it has been noted that the Snowshoe 4-15-16-22 (API# 43-019-31510), operated by Wind River II Corporation remains in violation of UT Admin Code R649-3. This letter will serve as the second formal Notice of Violation (NOV), to Wind River II Corporation.

16S 22E 15

Field inspections conducted June 19, 2008 revealed that well site contained considerable clutter, and the reserve pit was due for reclamation. In subsequent conversation with Mr. Marc Ekles of Wind River II Corporation the Division was informed the well would be completed and reserve pit reclaimed by August of 2008.

Field inspections conducted August 5, 2008 indicated no changes had been made. Trash remained on the well pad and scattered through out surrounding vegetation, reserve pit remained open. On August 12, 2008 a formal Notice of Violation (NOV) was issued to Wind River II Corporation for the Snowshoe 4-15-16-22 along with two other wells requiring that trash to be cleaned up within 30 days and Wind River II Corporation reclaim reserve pit.

On November 4, 2008 via phone conversation with Mr. Robert Christiansen of Wind River II Corporation the Division was informed two of the four violations issued August 5, 2008 had been addressed, and Wind River II intended to address the remaining two within 30 days. Mr. Christensen was verbally notified by the Division, according to compliance procedure a second violation should be issued, however if violations were addressed according to his suggested timeframes no such NOV would be issued. Wind River II Corporation was required to follow up verbally within 30 days with a current status report.



Page 2

June 29, 2009

Subject: Second Notice of Violation for one well in Grand County Utah

Since that time no correspondence have occurred between Wind River II Corporation and the Division. Therefore, Wind River II Corporation is required to submit to the Division a written plan for resolution of compliance items. Plan of action should include time frames for removal of trash, backfill and reseeding of reserve pit.

Field inspections of Wind River II Corporation's operations on state lands in Grand County Utah indicate reseeding may not have occurred on topsoil piles and backfilled reserve pits. Included please find seed mixture specifications prepared by School and Institutional Trust Lands Administration (SITLA) for the operations area. Reseeding should occur the first fall following disturbance activities or backfilling of reserve pits.

Response should be directed to:

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

If you have questions feel free to contact me at (435) 820-0862.

Sincerely,



Bart Kettle
Environmental Scientist

BTK/BTK/DJJ

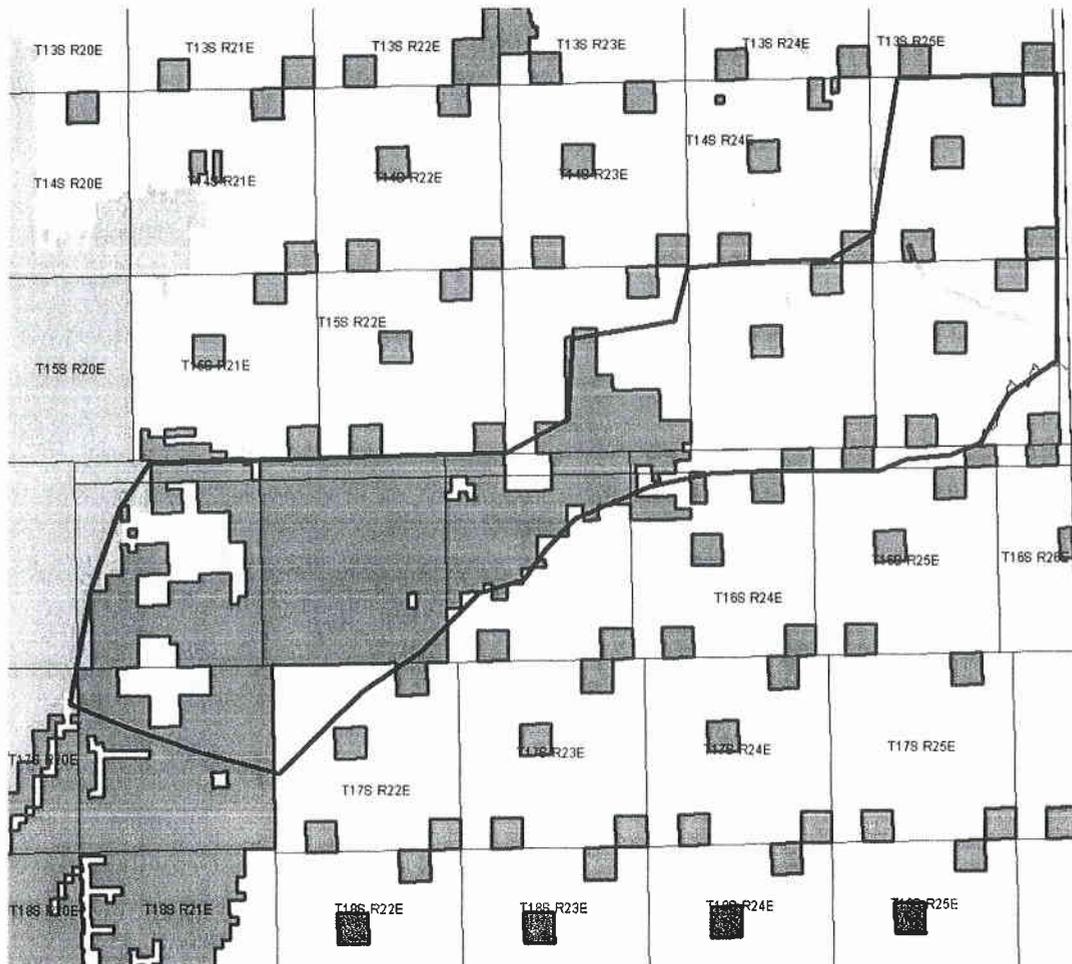
CC: La Vonne Garrison, SITLA
Dan Jarvis, DOGM
Clinton Dorshawk, DOGM
Well File
Compliance File (if applicable)

Seed Mix for Small Acreage Reclamation

Higher Book Cliffs (Three Pine Block and T14S, R25E; T15S, R24, 25E, S2 OF T15S, R23E)

<u>SPECIES</u>	<u>COMMON NAME</u>	<u>POUNDS PER ACRE (PLS)</u>
<i>Agropyron cristatum</i> var. <i>Ephraim</i>	Crested wheatgrass	2
<i>Psathyrostachys juncea</i> Var. <i>Bozoiski</i>	Russian Wildrye	2
<i>Elytrigia intermedia</i> <i>ssp intermedia</i> var. <i>Oahe</i>	Intermediate wheatgrass	2
<i>Elymus lanceolatus</i> <i>ssp lanceolatus</i> var. <i>Critana</i>	Thickspick wheatgrass	2
OR <i>Festuca arundinacea</i> var. <i>Alta</i>	Tall Fescue	2*
<i>Stipa comata</i>	Needle and Thread grass	2
<i>Melilotus officinalis</i>	Yellow sweetclover	1
<i>Linum Lewisii</i>	Blue flax	1

*use this species if better priced and/or if Thickspick wheatgrass is not available.



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 47566
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: Rock Spring Unit
8. WELL NAME and NUMBER: Snowshoe 4-15-16-22
9. API NUMBER: 4301931510
10. FIELD AND POOL, OR WILDCAT: Wildcat

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Wind River II Corporation

3. ADDRESS OF OPERATOR: PHONE NUMBER:
1245 E. Brickyard Rd., Ste 112 Salt Lake City STATE UT ZIP 84106 (801) 466-4131

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **576'FNL & 257' FWL**

COUNTY: **Grand**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 15 16S 22E 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 (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 checked="" 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 checked="" 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.

Notice of Intent to complete well before September 1, 2009:

Completion of this well was delayed due to lack of pipeline access. Energy Transfer installed the necessary pipeline in September 2008, and Wind River II commenced the completion of the well to coincide with the availability of the pipeline. Unfortunately, the completion rig encountered serious sabotage of the cased well bore upon rigging up and >\$100,000 were spent fishing a 2" cheater pipe, a 20' length of 2" line pipe and a 1-1/4"X8" derrick pin from the well. Once the iron was fished out of the hole, dimension lumber was encountered. Attempts to fish the wood from the hole were unsuccessful and it had to be milled up. By the time the well bore was cleared of all debris gas prices had collapsed and the operator decided to suspend the completion rather than take flush production at \$2/Mcfg.

We are now prepared to move forward with the completion in the short term and hereby request that we be allowed to maintain the reserve pit open for flowing back the three fracs that will be performed during the completion before September 1, 2009, after which the reserve pit will be reclaimed and seeded with the mix specified in the attachment to your June 23, 2009 letter.

Subsequent Report of partial reclamation of well site:

During the initial completion operations in September 2009, all trash was removed from the location and tubular goods stored there were gathered and stacked.

NAME (PLEASE PRINT) Marc T. Eckels TITLE Vice President
SIGNATURE *Marc T. Eckels* DATE 7/13/2009

COPY SENT TO OPERATOR

Date: 7-16-2009
Initials: KS

RECEIVED
JUL 15 2009

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

(See Instructions on Reverse Side)

(5/2000)

Date: 7-16/09
By: *D. Jan*

DIV. OF OIL, GAS & MINING



WIND RIVER II 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

July 13, 2009

Bart Kettle, Environmental Specialist
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Second Notice of Violation
Snowshoe 4-15-16-22
Grand County

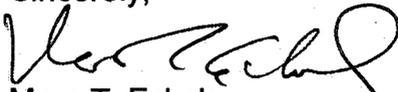
Dear Mr. Kettle,

As we discussed on the phone last week, our plans for completing the Snowshoe 4-15-16-22 were changed by forces beyond our control last fall when we had to deal with the sabotage of the well bore prior to completion, followed by the collapse of natural gas prices after line was laid to the well.

Enclosed is the Sundry Notice we discussed, requesting an extension of the time during which we can use the reserve pit during completion to September 1, 2009. We intend to complete the well prior to that date and it would be very helpful to have the reserve pit available for flow back of the fracs that will be performed as part of the completion.

Please let me know if you need anything else from us at this point. Should you plan another trip to the field, I would be happy to join you if you can give me notice a day or two in advance. I will be at the well during the completion operations and will notify when that phase commences.

Sincerely,



Marc T. Eckels

cc: Dan Jarvis, DOG&M
Lavonne Garrison, SITLA

RECEIVED

JUL 15 2009

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 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: ML47566 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: ROCK SPRING 8. WELL NAME and NUMBER: SNOWSHOE 4-15-16-22 9. API NUMBER: 43019315100000 9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: GRAND STATE: UTAH																														
1. TYPE OF WELL Gas Well	9. API NUMBER: 43019315100000																															
2. NAME OF OPERATOR: WIND RIVER II CORPORATION	9. FIELD and POOL or WILDCAT: UNDESIGNATED																															
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106	PHONE NUMBER: 801 466-4131 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0576 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 15 Township: 16.0S Range: 22.0E 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/15/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TUBING</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> DEEPEN</td> <td style="vertical-align: top; padding: 2px;"><input checked="" type="checkbox"/> FRACTURE TREAT</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TUBING REPAIR</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> VENT OR FLARE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OTHER</td> <td style="vertical-align: top; padding: 2px;">OTHER: <input style="width: 80px;" type="text" value="Complete Well"/></td> </tr> </table>		<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 checked="" 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 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: 80px;" type="text" value="Complete Well"/>
<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 checked="" 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 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: 80px;" type="text" value="Complete Well"/>																														
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well to be completed in two stages: Cedar Mountain - perf 9575-78 and 9550-55, frac with N2 or CO2 foam and 30,000 gal fluid with 82,000# 20/40 TLC; Dakota sandstone and silt - perf 9447-52, 9435-39 & 9344-45, frac with N2 or CO2 foam and 21,000 gal fluid with 52,000# TLC. Stages to be separated by composite flow-through plug. Flowed back together to flat tank wear volume can be measured. Plug drilled out and well put on production. Expect 0.433 psi/ft gradient, 0.8 psi/ft frac gradient, treating pressure @ 5687 psi. CBL shows excellent bond in, above and below the completion intervals w/ top of good cement @ 7340. Start date is tentative due to equipment and material availability uncertainty.																																
NAME (PLEASE PRINT) Marc Eckels PHONE NUMBER 435 901-4217		TITLE Agent DATE 9/8/2011																														
SIGNATURE N/A		DATE 9/8/2011																														

Approved by the
Utah Division of
Oil, Gas and Mining

09/08/2011

By: Dark K. Quist



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 #110
Salt Lake City, UT 84106

43 019 31510
Snowshoe 4-15-16-22
16S 22E 15

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

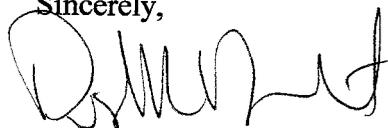
September 20, 2011

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

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	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





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 31510
Snowshoe 4-15-16-22
16S 22E 15

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.



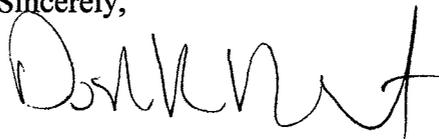
Page 2
Wind River II Corporation
October 18, 2012

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.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML47566
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ROCK SPRING
2. NAME OF OPERATOR: WIND RIVER II CORPORATION		8. WELL NAME and NUMBER: SNOWSHOE 4-15-16-22
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106		9. API NUMBER: 43019315100000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0576 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 15 Township: 16.0S Range: 22.0E Meridian: S		9. FIELD and POOL or WILDCAT: UNDESIGNATED
		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 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/20/2012	<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 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 completion of this well was suspended due to low gas prices. It will be completed when gas prices allow an economic completion.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 21, 2012**

NAME (PLEASE PRINT) Marc Eckels	PHONE NUMBER 435 901-4217	TITLE Agent
SIGNATURE N/A	DATE 12/20/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5.LEASE DESIGNATION AND SERIAL NUMBER: ML47566	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7.UNIT or CA AGREEMENT NAME: ROCK SPRING	
8. WELL NAME and NUMBER: SNOWSHOE 4-15-16-22	
9. API NUMBER: 43019315100000	
9. FIELD and POOL or WILDCAT: UNDESIGNATED	
COUNTY: GRAND	
STATE: UTAH	

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	
2. NAME OF OPERATOR: WIND RIVER II CORPORATION	
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106	PHONE NUMBER: 801 466-4131 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0576 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 15 Township: 16.0S Range: 22.0E Meridian: 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 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. Refer to the attached file for information.

Approved by the 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 43019315100000

Approval valid through July 1, 2013 to allow for the proposed spring completion and placing well on production.

Wind River II Corporation
Snowshoe 4-15-16-22

12.

Wind River II Corporation requests permission to extend the Temporarily Abandoned (TA) status of this well. The well was drilled as a wildcat during the spring of 2007.

A completion of the well was started in September 2008, immediately after the ETP/Canyon Gas gathering line was laid to the well. The completion plan sidetracked by the discovery of sabotage to the well in the form of a drilling rig derrick pin, several pieces of pipe and an unknown quantity of wood. The metal pieces were fished from the well and the wood was milled up and circulated out. A CBL was run before the completion was suspended due to the unexpected expenses and the decline of natural gas prices as the US went into recession.

Attached to this Sundry Notice are:

- Background Information Sheet (in lieu of Completion Report)
- 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. Production casing was cemented with N2 foam cement: 874 sacks 50:50 Pozmix lead with additives, foamed to 11 ppg, and 278 sacks 50:50 Pozmix tail with additives and no foam, at 14.3 ppg. The CBL show the top of the tail cement at 7,350', and the top of the foamed cement lead perhaps as high as 2,068'.

There is currently no tubing in the well. There are 330 joints of 2-3/8" tubing on racks at the wellhead. The well is full of clean 2% KCl water with no pressure on the wellhead.

This well exhibited excellent mud log shows and the open hole logs support a completion in the Morrison, Cedar Mountain, Dakota sand and Dakota silt. Schlumberger's completion proposal recommends a three-stage CO2 foam frac and predicts an IP of 1,600 Mcfgpd and an EUR of 3.4 Bcfg based on comparison to ten other wells in the area.

WRII expects to complete this well during the spring of 2013.

Wind River II Corp.

Snowshoe 4-15-16-22: Background Information

Lease: ML-47566 (Rock Spring Unit)

API 4301931510

NWNW Sec. 15-T15S-R22E, Grand County

KB Elevation: 7,428'

Spud Date: 3/28/2007

TD Reached: 4/28/2007

Logs Run: Array Induction / Lithodensity / Compensated Neutron / SP / BHC Sonic / Spectral GR / Caliper / Cement Volume on 4/28/2007
Cement Bond Log on 10/2/2008

Surface Casing: 9-5/8", 36.0#, J-55, ST&C set at 3,602' in 12-1/4" hole
Cemented to surface with 1070 sx lead and 280 sx tail

Production Casing: 4-1/2", 11.6#, HP-110, LT&C set at 10,638' in 7-7/8" hole
Cemented w/ 1,152 sx 50:50 Poz. 874 sx lead N2 foamed to 11 ppg. 278 sx tail no foam @ 14.3 ppg. Returns throughout.

Completion Analysis: Schlumberger completion proposal considered results from ten neighboring wells. Recommended 3-stage CO2 foam frac of Morrison, Cedar Mountain, Dakota SS/Dakota Silt. Predicted 1,600 Mcfgpd IP and 3.4 Bcfg EUR.

Pipeline: ETP/Canyon Pipeline connected to well and set gas sales unit 8/2008

Completion: A completion attempt was made in 9/2008, during which it was discovered that the well had been sabotaged with iron and wood. The iron rig part and pipe were fished out and would ground up and floated out of the hole. A CBL was run. Natural gas prices had collapsed in August and the world economy continued to deteriorate in September and October. It was decided to suspend the completion in order to receive better gas prices for flush production.

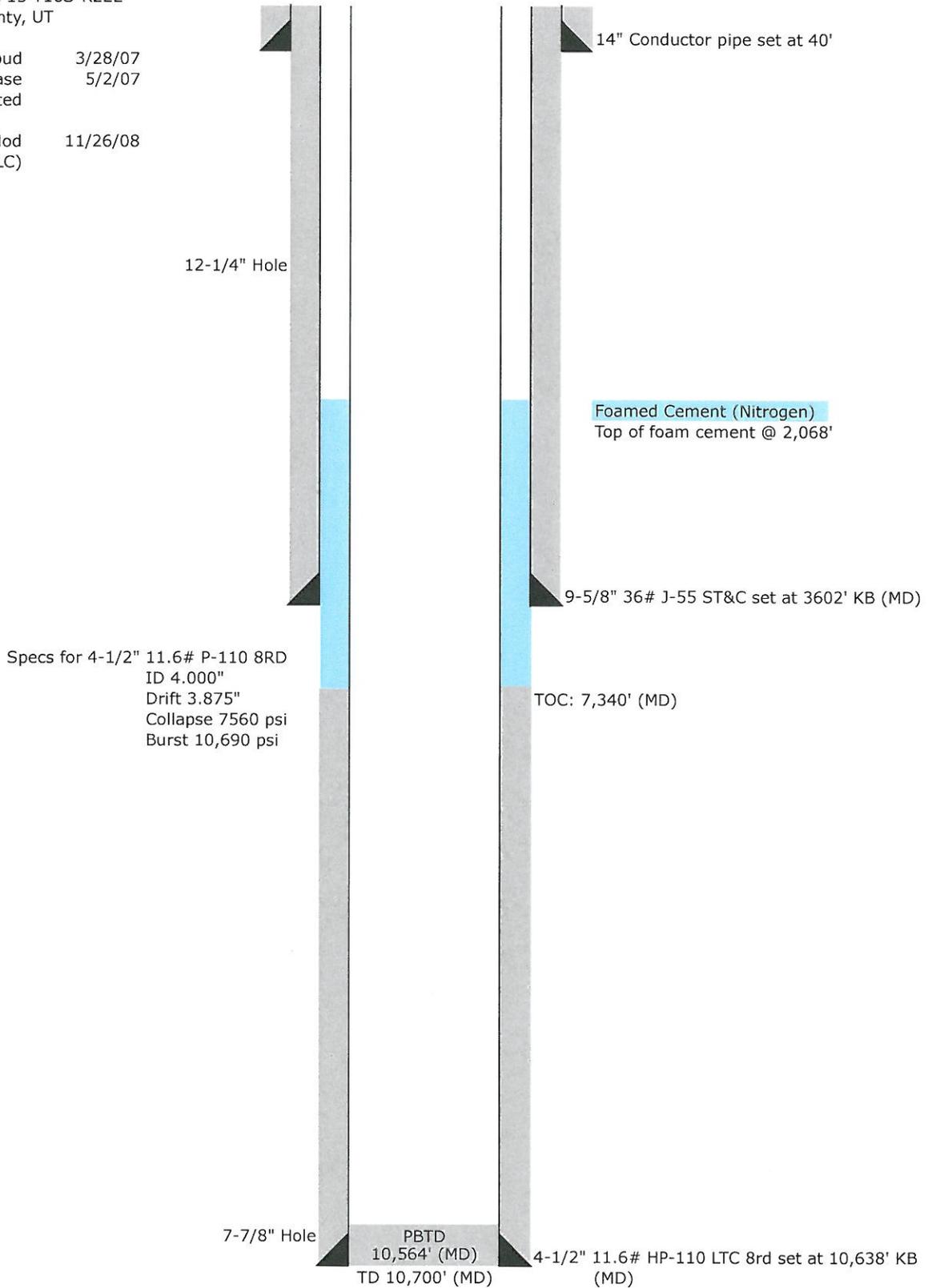
Reclamation: The reserve pit was reclaimed (backfilled, recontoured & seeded) per request of DOG&M & SITLA in 10/2012

Snowshoe 4-15-16-22

NWNW Sec 15-T16S-R22E
Grand County, UT

Spud 3/28/07
Rig Release 5/2/07
Completed

Last Mod 11/26/08
(by RLC)





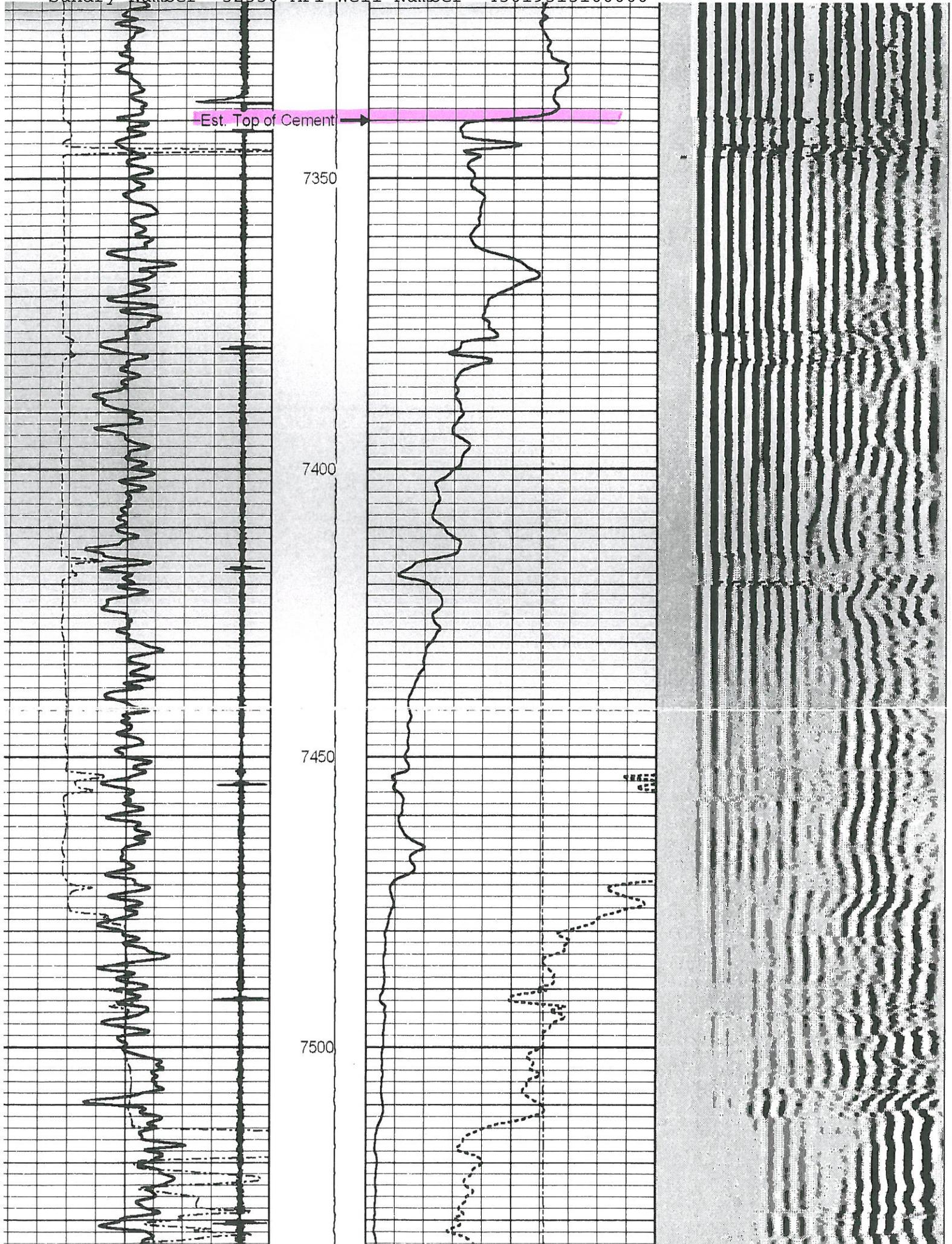
**Cement Bond Log
GR / CCL / VDL**

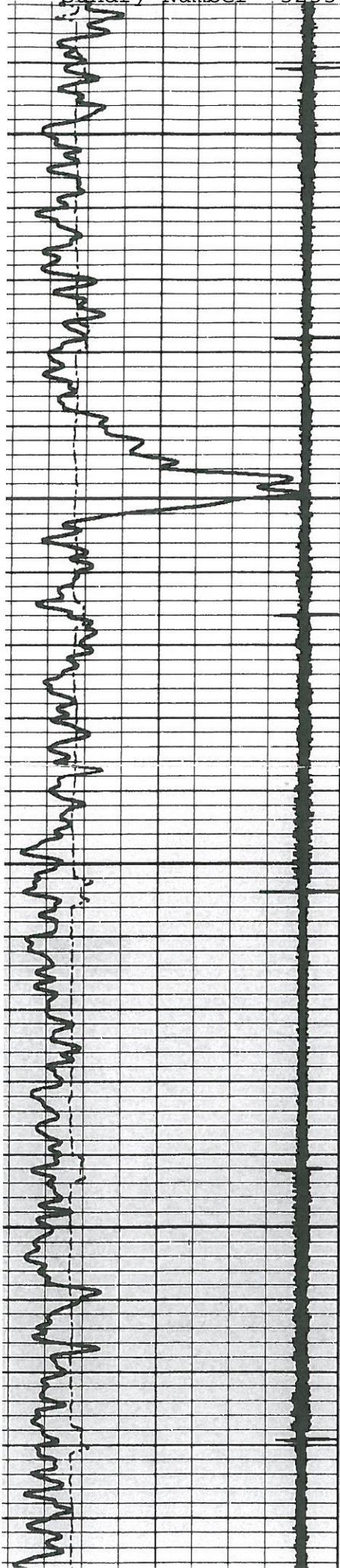
Company Wind River II Corp Well Snowshoe 4-15-16-22 Field Wildcat County Grand State UT	Company Wind River II Corp Well Snowshoe 4-15-16-22 Field Wildcat County Grand State UT	Location: API #: 4301935110 NW/NW 576' FNL & 257' FWL SEC 15 TWP 16S RGE 22E	Other Service PERF
	Permanent Datum GL Elevation 7412.4' Log Measured From KB Drilling Measured From KB	Elevation K.B. 7428.4' D.F. G.L. 7412.4'	

Date	10-02-2008
Run Number	1
Depth Driller	10,700'
Depth Logger	10,564'
Bottom Logged Interval	10,554'
Top Log Interval	2,000'
Open Hole Size	7.875"
Type Fluid	Water
Density / Viscosity	N/A
Max. Recorded Temp.	242.7 Deg F
Estimated Cement Top	7,340'
Time Well Ready	ROA
Time Logger on Bottom	10:30AM
Equipment Number	2830
Location	Roosevelt
Recorded By	J Bunch
Witnessed By	R Christensen

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"		Surface	3600'
Prot. String				
Production String	4.5"	11.6#	Surface	10,700'
Liner				



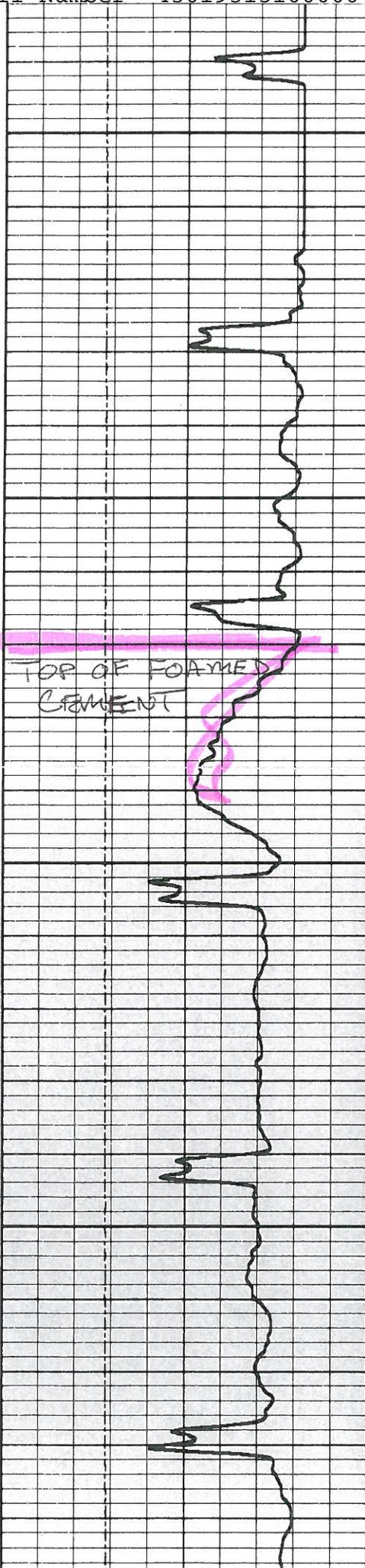


2000

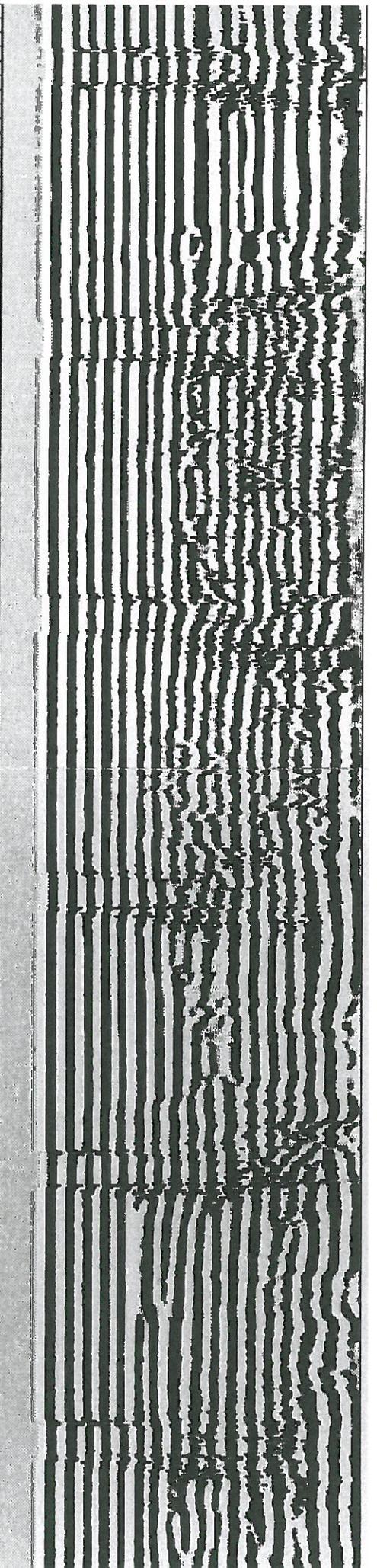
2050

2100

2150



TOP OF FOAMED
CEMENT



UTAH DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining
Oil and Gas Program
1594 West North Temple, Suite 1210, Box 145801
Salt Lake City, UT 84114-5801
(801) 538-5340 Phone
(801) 359-3940 Fax

Immediate Action: For the well subject to this notice, Wind River II shall fulfill full cost bonding. Wind River II shall also submit plans to plug and abandoned the well contained in this Notice.

*** Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions and requests for bond forfeiture and civil penalties.

Compliance Deadline: June 30, 2014

Date of Service Mailing: May 21, 2014



Division Representative Signature

Certified Mail No.: 7003 2260 0003 2358 6946

Operator Representative (if presented in person)

cc: Compliance File
Well Files
LaVonne Garrison, SITLA

1/2013

UTAH DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining
Oil and Gas Program
1594 West North Temple, Suite 1210, Box 145801
Salt Lake City, UT 84114-5801
(801) 538-5340 Phone
(801) 359-3940 Fax

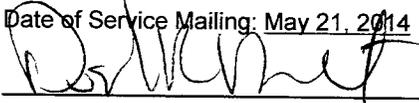
Immediate Action: For the well subject to this notice, Wind River II shall fulfill full cost bonding. Wind River II shall also submit plans to plug and abandoned the well contained in this Notice.

*** Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions and requests for bond forfeiture and civil penalties.

Compliance Deadline: June 30, 2014

Date of Service Mailing: May 21, 2014



Division Representative Signature

Certified Mail No.: 7003 2260 0003 2358 6939

Operator Representative (if presented in person)

cc: Compliance File
Well Files
LaVonne Garrison, SITLA

1/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML47566	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: ROCK SPRING	
8. WELL NAME and NUMBER: SNOWSHOE 4-15-16-22	
9. API NUMBER: 43019315100000	
9. FIELD and POOL or WILDCAT: UNDESIGNATED	
COUNTY: GRAND	
STATE: UTAH	

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	
2. NAME OF OPERATOR: WIND RIVER II CORPORATION	
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106	PHONE NUMBER: 801 466-4131 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0576 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 15 Township: 16.0S Range: 22.0E Meridian: 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 Approximate date work will start: 7/14/2014	<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 type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Complete well in lieu of P&A"/>

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

**Approved by the
 Utah Division of
 Oil, Gas and Mining**
 June 17, 2014

Date: _____
 By: Dark Ount

NAME (PLEASE PRINT) Marc Eckels	PHONE NUMBER 435 901-4217	TITLE Agent
SIGNATURE N/A	DATE 6/10/2014	

Snowshoe 4-15-16-22

API #43-019-31510

ATTACHMENT TO SUNDRY NOTICE, 6-10-2014

The subject well was drilled in 2007 in remote area of the Book Cliffs on SITLA lands as an obligation well for the Rock Spring Unit (State). At the time of drilling there was no natural gas pipeline available to transport gas from the well. About sixteen months after the well was drilled Energy Transfer Partners built a line along the Moon Ridge Road and ran a gathering line to this well, among others.

In August of 2008, just as the line was being run to the well, Wind River II Corporation (WRII) commenced the completion of the well. Unfortunately, the well was found to have been sabotaged with both iron and wood dropped down the well. An expensive fishing job recovered the iron and drilled up and floated out the wood. A CBL was run showing the top of good cement at 7,340'. The cement job had been foamed with nitrogen and there was foamed cement up to 2,070'. During the initial completion attempt and fishing job the 2008 natural gas price collapse occurred. WRII, with the consent of SITLA, suspended the completion to await better gas prices. Those higher gas prices did not materialize until this past winter.

The Snowshoe 4-15-16-22 is currently subject to an NOV, dated May 19, 2014, which requires full cost bonding and plugging of the well. WRII had previously determined to complete the well during the summer of 2014 and would much prefer to complete the well rather than plug it. Quotes for stimulation, etc. have been requested. Due to consultant's schedule, the completion has been scheduled in July. Discussions with the DOGM Petroleum Engineer have indicated that the well completion will be allowed, but that a mechanical integrity test must be performed before the end of June.

This Sundry Notice includes a request to:

Complete the well in the Dakota and Cedar Mountain in July 2014

Delay the requirement for full cost bonding until July 31, 2014

Allow the MIT to be performed at the start of the completion in July, with the understanding that it will be performed prior to the end of June in the event that this request is denied

Attachments to this Sundry Notice include the completion procedure, well bore diagram, and a letter to Dustin Doucet.

WIND RIVER II CORPORATION

7090 S. Union Park Avenue, Suite 340
Salt Lake City, UT 84047

SNOWSHOE 4-15-16-22

COMPLETION PROCEDURE

Prepared by Marc Eckels 6/9/2014

Objective: Fracture stimulate and complete well in two stages for gas production from the Cedar Mountain, Dakota, and Dakota Silt formations.

Background Information:

KB Elevation: 7,428' (all depths are relative to KB)
Ground Elev.: 7,412'

Well Head: Cameron 9-5/8" 5M X 4-1/2" 10M X 2-3/8" 5M (coiled tubing type). This wellhead configuration was selected to allow fracture stimulation through the wellhead without a wellhead protection device.

Casing Strings: Surface Casing – 9-5/8", 36#, J-55 set at 3,602'
Production Casing – 271 joints 4-1/2", 11.6#, HP-110, ST&C set at 10,638'. Casing specs:

Volume = 0.6528 gal/ft = 0.0155 bbl/ft
ID = 4.000" (drift = 3.875")
Internal yield = 10,690 psi

Well Status: Completion was started in September 2008, at which time it was discovered that the well had been sabotaged with various items (line pipe, cheater bar, rig derrick pin and wood) dropped down hole. The well was fished clean, CBL run (TOC=7,340'), and the completion suspended due to low gas prices in the fall of 2008.

The well is currently secure and filled with 2% KCl water. Approximately 10,215' (330 jts) of 2-3/8", 4.7#, J-55, 8rd EUE tubing are on racks at the location.

Procedure:

General Preparations

1. MI and set three 500-bbl frac tanks and fill with 2% KCl water for Cedar Mtn and Dakota stages.
2. MIRU completion rig with pump, flat tank & power swivel.
3. NU 5M BOP equipment and test.
4. PU 3-3/4" mill tooth or blade bit, bit sub & 4-1/2" csg scraper. RIH on 2-3/8", 4.7#, J-55, 8rd EUE tbg to 10,000'. Roll hole.
5. Pressure test to 2,500 psi for 15 minutes.
6. POOH with 2-3/8" tbg. LD 1,000' tbg, csg scraper, bit sub & bit.

7. CBL/GR/CCL/VDL was run on 10/02/2008 by J-W Wireline & correlated on depth with Schlumberger open hole logs run on 4/28/2007. CBL indicates excellent bond up to 7,600' with top of cement at 7,340'. It appears that most of the sands to be perf'd took a little cmt.

Perf and Frac Cedar Mountain (Stage 1)

8. RU cased hole wireline truck with lubricator.
9. Perf Cedar Mountain intervals w/ 3 jspf, phased 120 degrees, with 3-3/8" casing gun, as follows:

<u>Depth, ft</u>	<u>Net Feet</u>	<u>Shots</u>
9,550'-55'	5	15
9,575'-78'	<u>3</u>	<u>9</u>
Total	8	24

Record csg psi & FL in and out on each run.

10. POOH w/ perf gun. LD gun & count shots. RD wireline lubricator.
11. Rig up frac equip at WH. Pressure test lines and valves.
12. Pump N2 frac per service company plan
13. Pump 3,109 gal flush +N2 & shut down frac equip. Record ISIP, 5, 10, and 15 min SIPs.
14. RD frac equip at WH.
15. RU wireline lubricator. RIH w/ CFTP and set @ 9,500'.

Perf and Frac Dakota Sandstone and Dakota Silt (Stage 2)

16. Perf Dakota Sandstone & Dakota Silt intervals w/ 3 jspf, phased 120 degrees, with 3-3/8" casing gun, as follows:

<u>Depth, ft</u>	<u>Net Feet</u>	<u>Shots</u>
9,344'-45'	1	3
9,435'-39'	4	12
9,447'-52'	<u>5</u>	<u>15</u>
Total	10	30

Record csg psi & FL in and out on each run.

17. POOH w/ perf gun. LD gun & count shots. RD wireline lubricator.
18. Rig up frac equip at WH. Retest any new connections.
19. Pump N2 frac per service company plan
20. Pump 3,042 gal flush +N2 & shut down frac equip. Record ISIP, 5, 10, and 15 min SIPs.
21. RD frac equip & release frac crew.

Flow-Back

22. Flow well back to flat tank & measure recovered fluid vol.
23. With well dead, ND frac valve and NU BOP.
24. PU 3-3/4" bit & bit sub on 2-3/8" tbg. TIH to CFTP @ 9,500' (Dakota/Cedar Mtn) and break circulation with 2% KCl wtr. Circ clean and drill out plug. Circ clean.
25. Continue TIH to 9,700', break circulation and circ clean.
26. POOH with tbg, LD tbg not needed for prod. LD bit and bit sub.
27. PU notched collar, 1 jt. tbg & SN. RIH on tbg to depth +/-9,300'.
28. Land tbg. ND BOP. NU WH w/ tree.
29. RU swab equip and swab well to unload. Measure recovered fluid.
30. Flow back load water to frac tank. Measure recovered fluid volume & inspect returns for frac sand. Keep track of load wtr left to recover.

31. Put well on production.
32. RDMO completion rig & equipment.

Foreseeable Contingencies

Will attempt to pump both stages in one day. May not be possible.

May not be able to circulate well w/ KCl wtr to drill out composite plugs or circulate out sand. If not, will use foam unit.

Contact

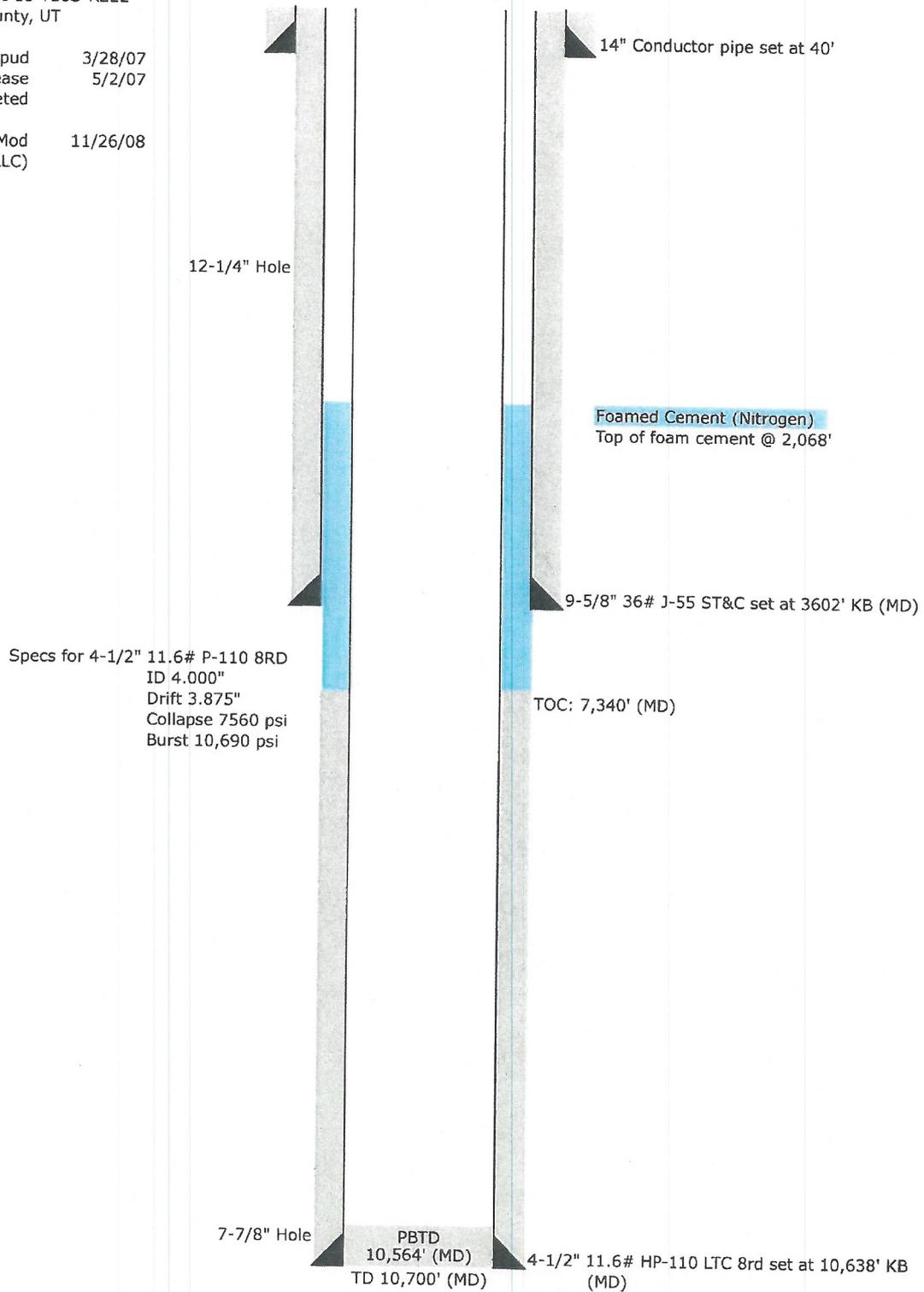
Marc Eckels: 435-901-4217 (cell), 435-649-9295 (home), marceckels@windrivercompanies.com
Wind River Office: 801-566-5127
Wind River Fax: 801-566-5412

Snowshoe 4-15-16-22

NWNW Sec 15-T16S-R22E
Grand County, UT

Spud 3/28/07
Rig Release 5/2/07
Completed

Last Mod 11/26/08
(by RLC)



**MARC T. ECKELS
7089 PINECREST DRIVE
PARK CITY, UTAH 84098**

June 9, 2014

Dustin Doucet, Petroleum Engineer
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City,
UT 684116

Re: Notice of Violation Dated May 19, 2014
Wind River II Corporation
Snowshoe 4-15-16-22
nwnw Sec. 15-T16S-R22E
Grand County, UT
API #43-019-31510

Dear Mr. Doucet,

As we discussed last week, I left Wind River Resources and Wind River II Corp. in January 2013. At the request of Tom Bachtell, I have agreed to supervise the completion of the Snowshoe 4-15-16-22, which Wind River requests that you allow in lieu of the P&A of this well. The accompanying Sundry Notice and Completion Procedure outline a two-stage completion in the Dakota and Cedar Mountain sandstone intervals with a CO2 foam frac that we propose to perform in July, as my schedule will not allow me to do it in June.

As you can see, a mechanical integrity test is included at the beginning of the completion. It is my hope that you will allow this to take place in July, but I will get an MIT done in June if that is your requirement.

I will be leaving town on June 11th and returning on June 22nd. I would appreciate verbal approval to proceed with the completion and acknowledgement that you will not enforce the requirement for full cost bonding or submission of a plugging plan as long as the completion is performed in July, or the MIT in June, as you may specify

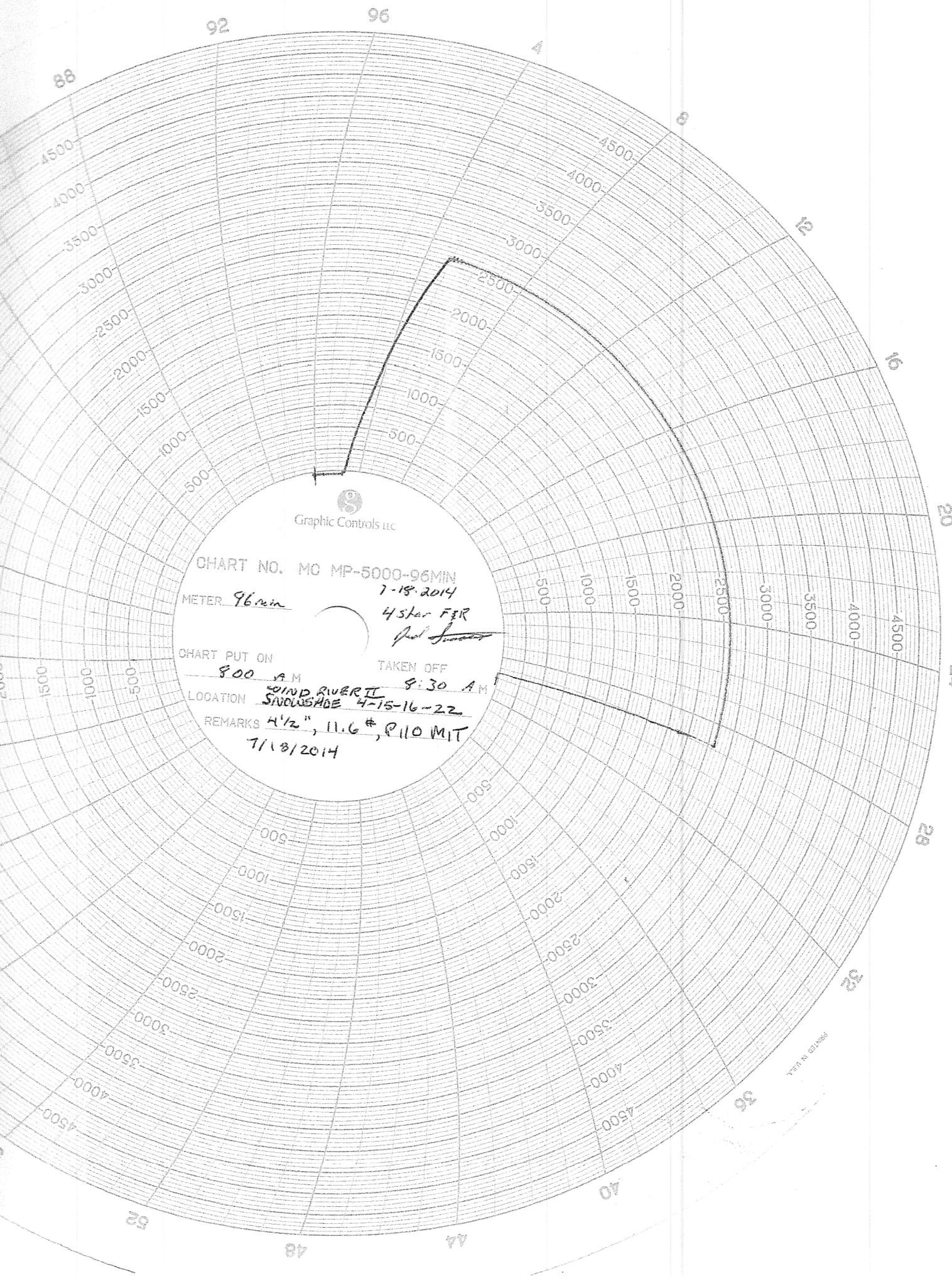
Your consideration in this matter is much appreciated.

Regards,



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: ML47566
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
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: SNOWSHOE 4-15-16-22	
2. NAME OF OPERATOR: WIND RIVER II CORPORATION	9. API NUMBER: 43019315100000	
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106	PHONE NUMBER: 801 466-4131 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0576 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 15 Township: 16.0S Range: 22.0E 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: 7/18/2014 <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 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 checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="Successful MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On Friday morning, July 18, 2014, at 8 a.m., the 4-1/2", 11.6#, P110 production casing in the Snowshoe 4-15-16-22 was tested at 2,600 psi for 30 minutes with no pressure drop. Bart Kettle & Dan Jarvis were notified 24 hours prior to test, but test was not witnessed by DOGM. The test was performed with the rig triplex pump and recorded by Jed Scott, Four Star Fishing & Rental Tool, Inc., Roosevelt, on the attached circle chart.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 13, 2014</p>
NAME (PLEASE PRINT) Marc Eckels	PHONE NUMBER 435 901-4217	TITLE Agent
SIGNATURE N/A	DATE 7/20/2014	



Graphic Controls LLC

CHART NO. MC MP-5000-96MIN

METER 96min

7-18-2014

4 Star FIR

Paul J. ...

CHART PUT ON

8:00 AM

TAKEN OFF

8:30 AM

LOCATION

WIND RIVER II
SUNSHADE 4-15-16-22

REMARKS

4 1/2", 11.6 #, P110 MIT
7/13/2014

PRINTED IN U.S.A.

GEOLOGY REPORT

43 019 31510

WIND RIVER II CORPORATION

SNOWSHOE 4-15-16-22

NW NW Sec. ¹⁵12-T16S-R22E

GRAND CO., UTAH



DRILLING
EQUIPMENT
ASSOCIATES, INC.

WIND RIVER II CORPORATION
SNOWSHOE 4-15-16-22
NW NW Sec. 12-T16S-R22E
GRAND CO., UTAH



Steamboat Energy Consultants
PO BOX 881570
Steamboat Springs, Colorado 80488
Office (970) 870 9964

DIV. OF OIL, GAS & MINING

OCT 07 2014

RECEIVED

GEOLOGY REPORT

Wind River II Corporation

Snowshoe 4-15-16-22
576' FNL & 257' FWL (NWNW)
Sec. 15, T16S - R22E
Grand County, Utah

**Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only**

Wellsite Geologist: Gregg Smith
Fort Collins, CO
(970) 819 5450

TABLE OF CONTENTS

GEOLOGICAL REPORT

Wind River II Corporation
Snowshoe 4-15-16-22

<u>RESUME</u>	<u>1</u>
<u>FORMATION TOPS</u>	<u>2</u>
<u>SUMMARY</u>	<u>3</u>
<u>DRILLING CHRONOLOGY</u>	<u>6</u>
<u>PENETRATION RATE/TIME CHART</u>	<u>8</u>
<u>DIRECTIONAL SURVEYS</u>	<u>9</u>
<u>DRILLING PARAMETERS</u>	<u>9</u>
<u>BIT RECORD</u>	<u>10</u>
<u>MUD RECORD</u>	<u>11</u>
<u>LITHOLOGY</u>	<u>14</u>

Well Resume

Operator: Wind River II Corporation

WELL INFORMATION	Well Name	Snowshoe 4-15-16-22		
	Location	Sec. 15, T16S - R22E		
	County, State	Grand County, Utah		
	Spot	576' FNL & 257' FWL (NWNW)		
	Spud Date	Tuesday, April 03, 2007		
	Total Depth	Driller 10,700'	Logger 10,706'	
	Completion Date (TD)	Friday, April 27, 2007	Time:	6:55 AM
HOLE	Hole Size	12 1/4" to 3,600'	7 7/8" to TD	
	Casing	Surface 9 5/8", 36#, set @ 3,600'	Production 4 1/2", 11.6#, set @ 10,685'	
	Cement	1350 sks, 1% CaCl		
ELEV	GL	7,412'		
	KB	7,428'		
PERSONNEL	Exploration Geologist	Marc Eckles, Wind River II Corp.		
	Drilling Foreman	Joe Lee, Steamboat Energy Consultants, Mike Lindsay, Lindsay Services		
	Wellsite Geologist	Gregg Smith, Steamboat Energy Consultants		
	Tool Pusher	Scott Watkins		
CONTRACTORS	Drilling Company	Patterson - UTI Drilling Co. LP		
	Rig #	77		
	Mud Company	Mustang Drilling Fluids		
	Mud Type	Native/gel KCl-Poly	Mud Up @ 3,600'	
	Mud Engineer	Dan Kastel		
	Mud Logging Company	None		
	Petrophysical Logging Company	Schlumberger		
	Logging Engineer:	Roy Davis		
	Log Suite	Platform Express, NGT, BHC Sonic; TD - Sfc Csg. GR to sfc.		
	Drill Stem Test Company	None		
SUMMARY	Drilling Days	26		
	Rotating Hours	320.40		
	Bottom Hole Formation	Carmel		
	Potentially productive zones	Cedar Mtn., Dakota, Mancos, Castlegate, Mesaverde		
	Final Status	Run 4 1/2" production casing, set at TD		

FORMATION LOG TOPS

Snowshoe 4-15-16-22

Sec. 15, T16S - R22E

Period	Formation		KB 7,428'		
			LOG TOPS		
			DEPTH	DATUM	
TERTIARY	<i>Green River</i>		Surface	-	
	<i>Wasatch</i>		1,811'	(+5,617)	
	<i>Ohio Creek Conglomerate</i>		3,299'	(+4,129)	
UPPER CRETACEOUS	Mesaverde Fm.	<i>Tuscher/Farrer</i>	3,330'	(+4,098)	
		<i>Neslen</i>	4,800'	(+2,628)	
		<i>Upper Sego</i>	5,344'	(+2,084)	
		<i>Lower Sego</i>	5,452'	(+1,976)	
		<i>Buck Tongue</i>	5,482'	(+1,946)	
		<i>Castlegate</i>	5,554'	(+1,874)	
	Mancos Fm.	<i>Mancos</i>	5,846'	(+1,582)	
		<i>Bluegate</i>	5,919'	(+1,509)	
		<i>Mancos "B"</i>	6,304'	(+1,124)	
		<i>Mancos Marker</i>	8,864'	-(1,436)	
		<i>Mancos "Show"</i>	9,088'	-(1,660)	
	Dakota Group	<i>Dakota Silt</i>	9,340'	-(1,912)	
		<i>Dakota</i>	9,423'	-(1,995)	
		<i>Cedar Mountain</i>	9,547'	-(2,119)	
		<i>Buckhorn Conglomerate</i>	9,631'	-(2,203)	
	JURASSIC	Morrison Fm.	<i>Brushy Basin Mbr</i>	9,689'	-(2,261)
			<i>Salt Wash Mbr ?</i>	9,847'	-(2,419)
			<i>Tidwell Mbr ?</i>	9,886'	-(2,458)
			<i>Summerville Mbr</i>	10,126'	-(2,698)
		<i>Curtis/Moab Tongue</i>		10,166'	-(2,738)
<i>Entrada</i>		10,207'	-(2,779)		
<i>Carmel</i>		10,486'	-(3,058)		
<i>Navajo ???</i>		10,522'	-(3,094)		
<i>TD</i>			10,706'		

SUMMARY

The Snowshoe 4-15-16-22 was spud on April 3rd, 2007 and drilled to a total depth of 10,700' on April 27, 2007. 9 5/8" surface casing was set at 3,600' and 4 1/2" production casing was set at total depth. Mud motors were used in association with PDC bits throughout drilling operations.

There were few problems operationally throughout drilling the well. Deviation surveys under surface casing were over 5 degrees and resulted in running a "dropper" PDC bit which successfully corrected the hole deviation to less than 2.5 degrees. Lost circulation problems were encountered at 10,287' in the Entrada Fm. Approximately 120 barrels drilling fluid were lost although total circulation was never lost. Significant time loss was caused by intermittent mud pump repairs and down time.

Located on the southern flank of the Uinta Basin, the Snowshoe 4-15-16-22 was drilled as a part of Wind River II Corporation's exploration and development program in the Rock Springs Project area. Multiple formations are capable of natural gas production in the Rock Springs Area. These zones include:

- Tertiary Wasatch Sands
- Cretaceous Mesaverde Fm.
- Cretaceous Fractured Mancos Shale
- Cretaceous Dakota Sands
- Cretaceous Cedar Mountain Sand
- Cretaceous Buckhorn Conglomerate
- Jurassic Morrison Fm.
- Jurassic Entrada Fm.

A discussion of shows encountered in the Snowshoe 4-15-16-22 follow:

GREEN RIVER

Tar Sands were poorly developed with no shows. An oil shale like facies was located at 90' to 110', and may have replaced the Tar sands in part.

WASATCH

Coal gas and minor siltstone gas increases were present in the Wasatch, probably none of which are commercially productive.

CASTLEGATE

Four gas increases were present in the Castlegate Sand interval. between 5,554' and 5,740' ranging from 150 to 690 units. Cuttings samples from the uppermost sand development at 5,328' to 5,338' were described as SANDSTONE; white to off white, firm, fine to lower fine grained, subangular, moderately well sorted, well consolidated, fine black mineral inclusion, silica to white clay matrix, no to poor visible porosity, occasional moderately to bright yellow fluorescence, light brown spotty oil stain, slow streaming cut, good crush cut, faint odor and a gas increase of 690 units. This is the most likely productive Castlegate sand development.

SUMMARY

MANCOS

Many gas increases were noted in the Mancos Fm. Possible primary potentially productive fractured zones were indicated by a 1,355 unit increase at 6,899', a 750 unit increase at 7,160', and a 1,536 unit increase at 8,000'. Silty/sandy shale intervals with associated gas shows were found in the Mancos "B" at 6,344' with a 543 unit gas increase. Several gas increases originating from silty carbonaceous Mancos rocks between 7,190' and 7,750' ranged between 500 and 700 units. This gassy zone may be actually represent rich hydrocarbon source material rather than potentially productive reservoir. A potentially productive zone at 7,766 to 7,786' on E-Logs was substantiated by a 1,210 unit gas increase, though there were no indications of reservoir rock found in the samples. Gas shows @ 8,174' - 400 units, 8,223' - 530 units, 8,339' - 395 units and 8,512' - 430 units are associated with thin silty Mancos facies with possible fracture enhancement. A very high gas increase of 7,064 units methane, originated from a potentially productive zone at 8,708'. Samples from this interval were described as a Siltstone white to dirty brown, hard, calcareous, sandy in part, commonly with very fine disseminated copper colored biotite flakes and trace black carbonaceous material, no visible porosity, trace yellow mineral fluorescence, no stain odor or cut. A final Mancos gas increase was noted in the Kmc "Show" zone at 9,100', an increase of 900 units. In that there were no obvious indications of reservoir rocks in the samples this show may be the result of fracturing.

DAKOTA SILT

No indication of reservoir development was indicated either by sample evaluation or by e-logs in the Dakota Silt at 9,340' although there was a 960 unit gas increase.

DAKOTA SAND

Two productive benches are present in the Dakota Sand 9,436' to 9,440' and 9,448' to 9,454'. With 2,198 unit and 1,970 unit methane gas increase respectively. Generally very similar, lithologically these zones are described as; SANDSTONE; white to off white, firm to friable lower fine to upper medium grained, subrounded to subangular, moderately well to poor sorted, scattered angular dark gray to dark brown quartz grains, trace glauconite, white clay matrix, trace calcareous, fair to poor intergranular porosity no fluorescence stain odor or cut. Logs indicate a density/neutron porosity in the 16% range and exhibit minor crossover. Lower Dakota benches appear to be tight.

CEDAR MOUNTAIN

There are two distinct sand benches that make up the Cedar Mountain Sand located at 9,546' to 9,602', separated by 12' carbonaceous shale facies at 5,460' to 5,472'. Potential pay is present @ 4,950' to 4,960' with a 585 unit gas increase and > 9% porosity and in the lower bench may be productive as well although porosity is difficult to determine due to poor hole conditions, and there was no gas show in the lower sand.

MORRISON

No major shows were present in the Morrison Formation, One 185 unit gas increase was noted in the Salt Wash member at 9,964'. There were no sample shows.

SUMMARY

ENTRADA

Potentially productive sandstone developments in the Entrada are present at 10,246 to 10,252' with an 290 unit gas increase and 10,298' to 10,306' with an 299 unit increase. The upper sand was well developed and distinctly different from the overlying shale and described as; SANDSTONE; white to clear, very friable, medium to upper fine grained, very well rounded, well sorted, moderately well to poor consolidated, commonly unconsolidated, occasional red orange mineral inclusion, fair intergranular porosity, non to trace slightly calcareous, no fluorescence stain odor or cut. The lower zone at 10'306 was more typical red orange to light orange, friable, fine grained with no shows. Porosity development in lower sand development appears wet.

After E-logs were evaluated the decision was made to run 4 ½" production casing to total depth in order to further evaluate the gas productive potential of the Snowshoe 4-15-16-22.

DAILY DRILLING CHRONOLOGY

Wind River II Corporation

Snowshoe 4-15-16-22

Day	DATE (2007)	6:00 AM DEPTH (MDT)	Footage Previous 24 Hrs.	Activity
1	4/2	0'	0'	Move in Rig up.
2	4/3	0'	0'	Rig up drilling rig, spud 12 1/4" hole 12:30 PM, drilling.
3	4/4	509'	509'	Drilling.
4	4/5	1,468'	959'	Drilling.
5	4/6	1,913'	445'	Drilling.
6	4/7	2,507'	594'	Drilling.
7	4/8	3,002'	495'	Drilling.
8	4/9	3,417'	415'	Drilling, short trip 24 stands, ream to bottom, work tight hole, trip out of hole to collars.
9	4/10	3,600'	183'	Lay down 8" drill collars, stabalizer, rig up casers and run 9 5/8" casing, plug down @ 1:30 AM, wait on cement.
10	4/11	3,600'	0'	Wait on cement, nipple up, set wear ring, make up BHA
11	4/12	3,600'	0'	Pick up BHA, trip in hole, tag cement @ 3,565', condition mud, fill pits, wait on water, drilling cement, drill out 1:30 AM, drilling, work on rig; change packer and wash pipe in swivel.
12	4/13	3,658'	58'	Work on rig, drilling.
13	4/14	4,167'	509'	Drilling, trip for "dropper" bit @ 4,391', drilling.
14	4/15	4,516'	349'	Drilling.
15	4/16	5,119'	603'	Drilling.
16	4/17	6,400'	1,281'	Drilling.

DAILY DRILLING CHRONOLOGY

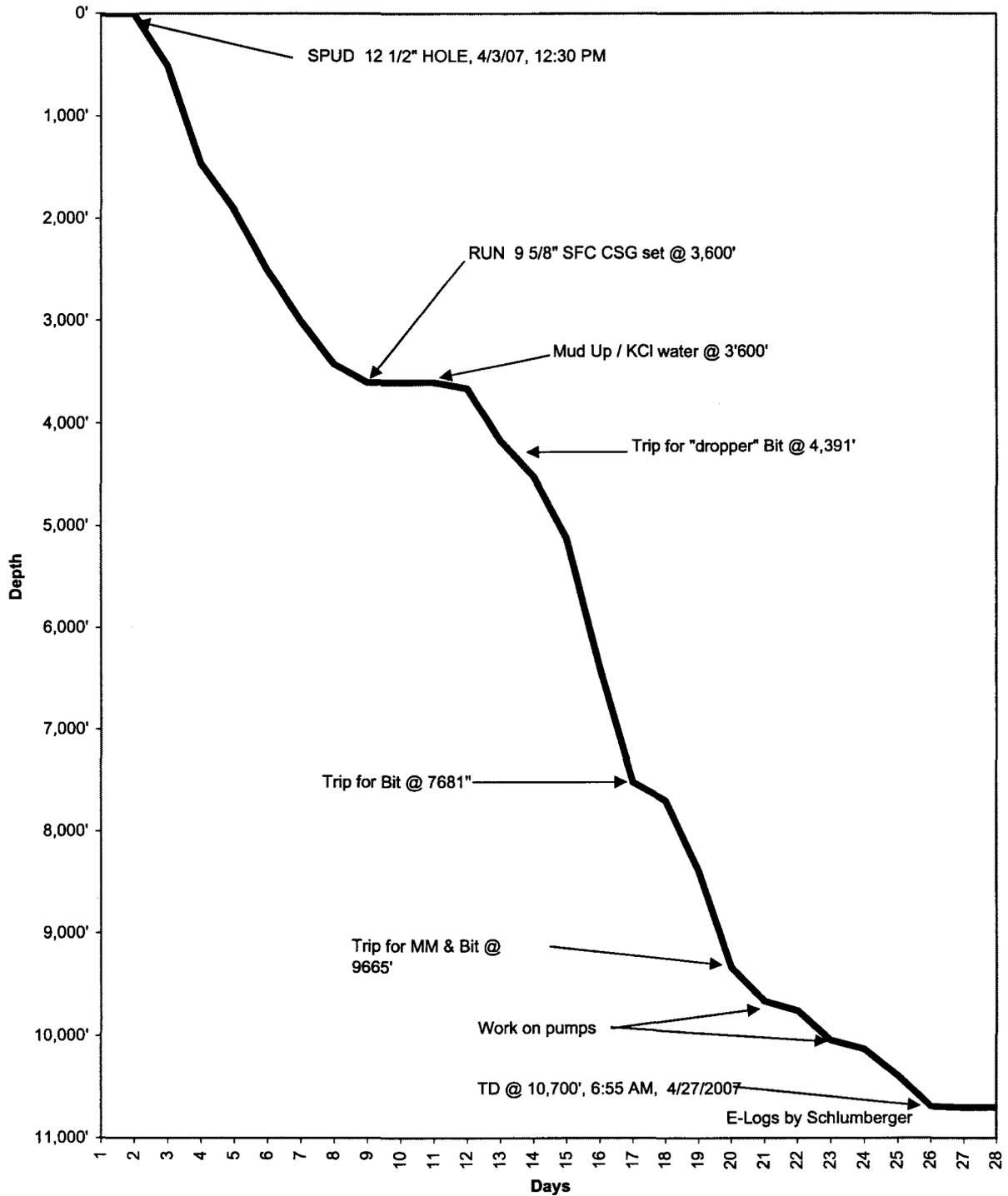
Wind River II Corporation

Snowshoe 4-15-16-22

Day	DATE (2007)	6:00 AM DEPTH (MDT)	Footage Previous 24 Hrs.	Activity
17	4/18	7,520'	1,120'	Drilling, trip for bit @ 7,681', drilling.
18	4/19	7,700'	180'	Drilling.
19	4/20	8,390'	690'	Drilling.
20	4/21	9,332'	942'	Drilling, trip for Mud Motor and bit @ 9,665'.
21	4/22	9,665'	333'	Trip in hole, drilling, work on pumps.
22	4/23	9,758'	93'	Work on pumps, drilling, work on pumps.
23	4/24	10,043'	285'	Work on pumps, drilling.
24	4/25	10,130'	87'	Drilling, lost circulation @ 10,187' aproximately 120 barrels, bulid volume, drilling.
25	4/26	10,390'	260'	Drilling.
26	4/27	10,688'	298'	Drilling, TD @ 10,700', 7:00 AM, condition hole for logs.
27	4/28	10,700'	12'	Logging, trip in hole, prepare to run production casing.
28	4/29	10,700'	0'	Run 4 1/2" production casing.

PENETRATION RATE / TIME CHART

SNOWSHOE 4-15-16-22



DRILLING PARAMETERS - DIRECTIONAL SURVEYS

Operator: Wind River II Corporation

Well Name: Snowshoe 4-15-16-22

DRILLING PARAMETERS				
DEPTH	ROTARY TABLE SPEED	WT. ON BIT (1000 lbs)	PUMP PRESSURE	STROKES PER MINUTE
509'	60	20	1500	100
1,020'	45	15	1350	100
1,913'	60	18	1500	100
2,202'	55	25	1500	100
2,507'	55	25	1500	100
3,002'	55	25	1559	100
3,299'	45	25	1580	100
3,603'	40	10	1100	120
4,167'	45	15	1250	125
4,516'	55	18	1200	125
5,119'	55	20	1900	120
5,728'	55	20	1950	120
6,400'	55	20	1950	120
7,259'	65	22	1950	120
7,520'	65	22	1950	120
7,700'	55	19	1950	120
8,390'	55	14	2000	120
9,332'	45	16	2070	120
9,602'	75	18	2065	120
9,758'	45	25	1800	130
9,914'	45	25	1550	125
10,125'	55	25	1820	128
10,390'	40	23	1825	125
10,688'	45	25	1600	125

DIRECTIONAL SURVEYS	
DEPTH	INCLINATION
946'	.47°
1,457'	.33°
1,968'	.69°
2,479'	.89°
2,989'	1.71°
3,540'	2.17°
3,982'	3.5°
4,283'	5.14°
4,504'	4.1°
5,011'	2.34°
5,748'	2.39°
6,739'	1.87°
7,600'	2.11°
7,600'	2.11°
7,805'	1.65°
8,025'	2.09°
9,665'	2.04°
10,660'	4.25

BIT RECORD

OPERATOR: Wind River II Corporation

WELL NAME: Snowshoe 4-15-16-22

Drill Pipe	4 1/2"	16.6#
Drill Collars	6.25"	

PUMPS	#1	Emsco F-800	9"x 6"
	#2	Brewster 550	16" x 5.5"

CONTRACTOR	Patterson - UTI Drilling Co. LP		
	RIG #	77	

NO	SIZE	MAKE	TYPE	JET	SERIAL	DEPTH OUT	FEET	HOURS	FT/HR	ACCUM DRLG HRS	WT 1000 LBS	RPM	VERT DEV	PUMP PRESS	SPM		MUD			DULL COND				FORMATION REMARKS
															1	2	WT	VIS	WL	T	B	G	OTHER	
1	12 1/4	Sec	FS2663	8/16	1088453	3600	3546	123 1/2	29	123.5	15/25	45/60	2.17	1500		100	9.3	41	19.0					Sfc Csg
2	7 7/8	Hyc	DSX616M	3x18 3x14	116541	4391	791	19.5	41	143	10/15	45	5.14	1250		125	9.1	42	10.4					Mesaverde
3	7 7/8	STC	MV716	8x18	JX2578	7681	3290	66	50	209	20/22	65	2.11	1950	75	45	9.5	38	15.0					Mancos
4	7 7/8	STC	MI 616	4x8 2x16	JX2264	9665	1984	49.4	40	258.4	14/18	45/75	2.09	2070	75	45	9.3	40	15.2					Dakota, TF MM
5	6 7/8	Sec	FMH3753Z R	6x16	10878722	10700	1035	62.0	17	320.4	20/25	45/50	2.09	1600	75	45	9.3	39	12.0					Carmel (TD)

DAILY DRILLING MUD REPORT

Operator: Wind River II Corporation

Well Name: Snowshoe 4-15-16-22

Mud-up Depth: 3,600' Mud Type: KCl-Poly Mustang Drilling Fluids

Report #	1	2	3	4	5	6	7	8	9	-
Date, 2007	4/2	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11
Depth (ft) TVD	0'	0'	839'	1,633'	2,034'	2,674'	3,172'	3,565'	3,600'	3,600'

	Spud Mud	8.3	9.3	9.1	9.5	9.5	9.2	9.3	9.0	Wait On Cement
Weight (lbs/gal.)		8.3	9.3	9.1	9.5	9.5	9.2	9.3	9.0	
Funnel Viscosity (Sec/qt. API)		27	43	42	38	40	40	41	31	
Plastic Viscosity cp		-	10	12	10	8	9	10	4	
Yield Point (lb/100 ft ² .)		-	12	7	8	7	10	11	2	
Gel Strength 10 sec/10 min.		-	10/20	3/8	2/10	8/18	10/20	6/15	0/2	
pH (meter)		9.7	12.0	10.8	11.4	11.4	10.5	10.5	10.0	
Filtrate API (ml ³ /30 min)		-	20.0	18.0	18.6	22.0	19.0	19.0	20.0	
Cake Thickness 32nd		-	4	3	2	5	3	3	2	
Alkalinity, Mud (Pm)		-	2.0	1.3	1.4	1.7	1.2	1.1	0.4	
Alkalinity, Filtrate (Pf/Mf)		.2/9	.7/1.3	.3/8	.5/1	.7/1.5	.4/9	.3/8	.2/6	
Chloride Content,(mg/L)		400	900	800	900	1,700	1,200	1,300	1,200	
Total Hardness, (mg/L)		tr	tr	tr	tr	20	20	20	20	
Sand Content (% by Vol.)		tr	0.25	tr	tr	0.25	tr	0.25	tr	
Retort Solids (% by Vol.)		tr	/7	/5	/8	/8	/5	/7	/5	
Retort Liquid (% Vol.) Oil/Wtr		100	93	95	92	92	95	93	95	
Methylene Blue Capacity		-	-	-	-	-	-	-	-	
ECD		-	9.6	9.275	9.7	9.675	9.35	9.575	9.05	

Comments:

DAILY DRILLING MUD REPORT

Operator: Wind River II Corporation

Well Name: Snowshoe 4-15-16-22

Mud-up Depth: 3,600' Mud Type: KCl-Poly Mustang Drilling Fluids

Report #	11	12	13	14	15	16	17	18	19	
Date, 2007	4/12	4/13	4/14	4/15	4/16	4/17	4/18	4/19	4/20	4/21
Depth (ft) TVD	3,600'	3,658'	4,322'	4,633'	5,408'	6,592'	7,645'	8,114'	8,749'	9,459'

Weight (lbs/gal.)	N/C Wait on Surface Casing	8.8	9.0+	9.1	9.4	9.5	9.5	9.2	9.2+	9.3
Funnel Viscosity (Sec/qt. API)		32	42	38	38	38	38	37	44	40
Plastic Viscosity cp		4	12	11	13	13	10	9	14	11
Yield Point (lb/100 ft ² .)		8	6	7	9	10	8	9	15	14
Gel Strength 10 sec/10 min.		2/4	1/2	0/2	1/4	1/5	1/5	2/10	4/4	3/12
pH (meter)		12.1	10.1	9.7	9.2	9.2	9.4	9.9	9.7	9.8
Filtrate API (ml ³ /30 min)		34.0	10.4	11.2	10.4	10.4	15.0	18.0	14.4	15.2
Cake Thickness 32nd		4	2.0	2	2	2	2	2	2	2
Alkalinity, Mud (Pm)		0.9	0.4	0.4	0.2	0.4	0.4	0.8	0.7	0.5
Alkalinity, Filtrate (Pf/Mf)		.2/3	.1/3	.1/3	.5/3	.1/6	1/5	.3/8	.2/5	.1/6
Chloride Content,(mg/L)		23,000	20,000	15,000	13,000	12,000	10,000	9,000	10,000	10,000
Total Hardness, (mg/L)		40	40	120	120	140	80	tr	40	40
Sand Content (% by Vol.)		tr	tr	tr	0.25	tr	tr	tr	tr	tr
Retort Solids (% by Vol.)		/3	/5	/5.5	/7	/8	/8	/5	/5	/6
Retort Liquid (% Vol.) Oil/Wtr		97	95	94.5	93	92	92	95	94.5	94.0
Methylene Blue Capacity		-	-	-	-	-	-	-	-	-
ECD	9.00	9.15	9.28	9.63	9.75	9.70	9.43	9.58	9.65	
KCl (%)	4.36	4.15	3.11	2.7	2.49	2.07	1.87	2.07	2.1	

Comments:

DAILY DRILLING MUD REPORT

Operator: Wind River II Corporation

Well Name: Snowshoe 4-15-16-22

Mud-up Depth: 3,600' Mud Type: KCl-Poly Mustang Drilling Fluids

	Report #	20	21	22	23	24	25		
Date, 2007		4/22	4/23	4/24	4/25	4/26	4/17	4/28	
Depth (ft) TVD		9,666'	9,801'	10,045'	10,213'	10,452'	10,700'	10,700'	

Weight (lbs/gal.)	9.5	9.0	9.2	9.2	9.3	9.2	9.2		
Funnel Viscosity (Sec/qt. API)	45	37	44	44	39	41	44		
Plastic Viscosity cp	16	10	11	14	11	12	14		
Yield Point (lb/100 ft ² .)	21	13	16	15	12	13	13		
Gel Strength 10 sec/10 min.	6/18	3/12	8/20	4/84	2/8	3/10	2/9		
pH (meter)	9.5	9.6	9.2	9.2	9.6	9.5	10.2		
Filtrate API (ml ³ /30 min)	14.0	16.8	20.0	12.0	12.0	12.0	12.0		
Cake Thickness 32nd	2	2	3	2	2	2	2		
Alkalinity, Mud (Pm)	0.6	0.3	0.2	0.4	0.6	0.5	0.8		
Alkalinity, Filtrate (Pf/Mf)	.1/7	.2/7	.05/4	.2/8	.2/8	.1/8	.3/1		
Chloride Content, (mg/L)	14000	12,000	12,000	10,000	10,000	10,000	10,000		
Total Hardness, (mg/L)	40	60	120	100	60	60	30		
Sand Content (% by Vol.)	tr	tr	tr	0.25	tr	tr	tr		
Retort Solids (% by Vol.)	/8	/5	/6	/6	/7	/6	/6		
Retort Liquid (% Vol.) Oil/Wtr	92.0	95.0	94.0	94.0	93.0	94.0	94.0		
Methylene Blue Capacity	-	-	-	-	-	-	-		
ECD	10.025	9.325	9.600	9.575	9.600	9.525	9.525		
KCl (%)	2.9	2.49	2.49	2.07	2.07	2.07	2.07		

Cumulative Mud Cost \$ 98,048.00 @ TD

Comments:

SAMPLE DESCRIPTIONS

Snowshoe 4-15-16-22

LITHOLOGY

DRILLING IN THE GREEN RIVER FORMATION

LAGGED SAMPLES CAUGHT BY RIG PERSONNEL

50-80 SILTSTONE; green to gray green, firm to friable, very fine occasional clay matrix, occasional sandy in part, tight. SANDSTONE; white to clear, frost, friable, moderately well rounded, no fluorescence stain odor or cut.

TAR "SANDS"

80-110 SHALE; varicolored, brown to gray to lavender to copper to gray platy, soft, platy commonly with thin silt stringers, trace dark brown possible bitumen partings, trace black spotty stain, possible dead oil, no stain odor or cut.

110-140 SANDSTONE; light green to white, commonly with rusty limonite matrix material, very fine to lower medium grained, sub rounded to subangular, occasional black mineral inclusion, trace poor intergranular porosity, rarely with weak residual cut NO FLUORESCENCE STAIN ODOR OR CUT.

140-170 SILTSTONE; light green, soft, platy, occasional sandy in part, trace very fine black mineral inclusions, occasional clay matrix.

170-200 SANDSTONE; white, clean, friable to firm, fine to very fine grained, occasionally with thin calcareous stringers, commonly with black mineral inclusions, trace biotite, tight throughout.

200-230 LIMESTONE; white, soft, finely crystalline, occasionally with floating sand grains, occasionally light green shale partings, tight. SHALE; light, green soft, subwaxy, occasionally silty in part. SANDSTONE; white, continued as above.

230-260 SANDSTONE; light green to white, fair to , very fine grained to silty, micro black mineral inclusion, trace black shale partings green clay matrix, no visible porosity.

260-290 SILTSTONE; green to off white, continued as above, commonly clay filled. SHALE, light green platy, occasional subfissile common grading to CLAYSTONE, occasionally silty in part.

290-320 SANDSTONE and SHALE; continued as above.

320-350 LIMESTONE; white to light gray firm, finely crystalline, occasionally with fine sand grains, tight throughout. SHALE; light green to dark gray to gray green, soft, platy, occasionally silty in part, trace CLAYSTONE.

350-380 LIMESTONE; white to off white to light brown, firm to soft, blocky, fine to microcrystalline, occasional earthy texture, chalky in part, occasionally with fine grained scattered sand grains, predominant dense, tight throughout, moderately bright yellow mineral fluorescence. SHALE, light green to gray, continued as above. SANDSTONE as above, common assoc with LIMESTONE.

SAMPLE DESCRIPTIONS

LITHOLOGY

380-410 SANDSTONE; white to light green, friable, fine to very fine grained, occasionally silty, well sorted, subangular, calcareous matrix, tight. LIMESTONE; continued as above, increase quartz inclusion. SHALE; light green to gray, soft.

410-440 SANDSTONE; green to dark green, firm to friable fine grained to silty, occasional green shale parting, tight throughout.

440-470 SANDSTONE; green to dark green continued as above, increase amount white fine to very fine grained, friable subangular, tight throughout. SHALE; light green to green to gray green grad to CLAYSTONE.

470-500 SHALE; distinct change, brown to dark brown to lavender to gray, firm platy subfissile, occasional grad to CLAYSTONE, trace silty to sandy.

500-530 SANDSTONE; light green poor off white, friable to firm, fine grained to silty, trace lower coarse grained poor sorted with calcareous matrix, tight throughout. SILTSTONE, light green friable occasionally brown, slightly, calcareous. CLAYSTONE, brown to green to gray, soft, occasional grading to siltstone.

530-560 CLAYSTONE; brown to gray to lavender, firm, predominantly with fine gritty texture, occasionally silty. SANDSTONE; continued as above. SILTSTONE; continued as above, commonly grading to CLAYSTONE.

560-590 SANDSTONE; unconsolidated, fine grained, clear to white, subangular, occasionally frosted, trace loose biotite, rarely pyritic.

590-620 CLAYSTONE; green to dark green to dark gray, firm, occasionally gritty texture. trace SANDSTONE partings. SANDSTONE; white to light gray, firm, fine to very fine grained poorly sorted, subrounded, predominantly calcareous matrix, tight, commonly unconsolidated, continued as above.

620-650 CLAYSTONE; varicolored, lavender to brown to red brown to light green, soft, occasionally calcareous in part. SANDSTONE; white to off white, firm to friable, fine grained to silty, predominant chalky calcareous matrix, tight throughout.

650-680 CLAYSTONE; varicolored continued as above, increase green to dark green. SANDSTONE; white to light gray, friable to firm fine grained to silty, predominant calcareous, tight. SILTSTONE; light green to brown, friable very fine, occasional grading to claystone.

680-710 CLAYSTONE; green to red brown to gray trace lavender, soft, occasional silty. SANDSTONE; light gray friable to firm, fine grained, subangular, fine black biotite, calcareous tight to poor intergranular porosity, no fluorescence stain odor or cut. SILTSTONE, light gray continued as above.

710-740 SANDSTONE; light gray to white, friable, fine grained to silty, moderately well consolidated and sorted, subangular to sub rounded, commonly with very fine black mineral inclusion, trace biotite, no fluorescence stain odor or cut.

SAMPLE DESCRIPTIONS

LITHOLOGY

740-770 SANDSTONE; light gray, friable, poor contaminated, poor to moderately well sorted, subrounded to subangular, calcareous matrix, occasional bio to black mineral inclusion, common unconsolidated loose grains.

770-800 SANDSTONE; light gray to white, predominant unconsolidated, very fine to lower medium grained quartz grains, subrounded to subangular, occasional moderately well consolidated, continued as above, predominantly calcareous.

800-830 CLAYSTONE; red orange to brown to green, soft, occasional subwaxy, trace variegated, trace silty. SILTSTONE; light green firm to soft very fine, occasional fine black mineral inclusion. SANDSTONE; continued as above.

830-860 SANDSTONE; white to light gray, very friable to unconsolidated, fine to lower medium grained, sub rounded to subangular, occasional well rounded, abundant unconsolidated grains, no fluorescence stain odor or cut.

860-890 LIMESTONE; white, firm to soft, trace microcrystalline, predominant earthy texture, common very sandy (<50%) occasional soft chalky, trace fossiliferous, tight throughout.

890-920 SANDSTONE; light gray to white occasional light green, friable to firm, fine to very fine grained, subangular, moderately well contaminated and sorted, occasional black mineral inclusions, no to poor visible porosity no fluorescence stain odor or cut.

920-950 CLAYSTONE; brown to green, soft, subwaxy, trace variegated. SANDSTONE; continued as above, commonly calcareous.

950-980 CLAYSTONE; brown to red brown to gray to gray, firm to soft, trace subfissile, occasionally sandy in part.

980-1010 CLAYSTONE; red brown to dark brown to green to gray, firm, commonly variegated.

1010-1040 CLAYSTONE; continued as above. LIMESTONE; white, firm, finely crystalline, occasionally chalky in part, traces fossiliferous.

1040-1070 SANDSTONE; dirty gray to off white, firm, fine to very fine grained, subangular, moderately well sorted, well contaminated, common with fine bio occasional black mineral and shale parting, tight throughout.

1070-1100 SILTSTONE; light green, friable to soft, occasional micro black specks, occasional sandy in part. CLAYSTONE; light green to brown, soft, platy, subwaxy.

1100-1130 SANDSTONE; dirty gray to light gray, friable to firm, fine to very fine grained, silty in part, moderately well to poor sorted, calcareous, tight. CLAYSTONE; continued as above.

1130-1160 SANDSTONE; continued as above, occasional with green CLAYSTONE parting, tight. CLAYSTONE, light green, soft, platy, occasional silty in part.

SAMPLE DESCRIPTIONS

LITHOLOGY

1160-1190 SANDSTONE; dirty gray to light gray to off white, friable to firm, fine to very fine grained, subangular to sub rounded, moderately well to poor sorted, common with fine black mineral inclusion, trace light green, trace bio, tight throughout, no fluorescence stain odor or cut. CLAYSTONE; light green to gray to brown, firm to soft. occasional subwaxy, rare variegated.

1190-1230 SANDSTONE; continued as above, occasional disseminated green clay to chlorite? to slightly to non calcareous, tight.

1230-1260 SILTSTONE; light green to light brown to gray to buff, firm, occasional grad to CLAYSTONE. CLAYSTONE; varicolored, brown to gray to red brown to green, firm to soft, sub blocky occasional splintery, occasional variegated.

1260-1290 CLAYSTONE; red brown to brown to maroon, to green, firm to soft, blocky, occasional silty in part, trace variegated. SILTSTONE; continued as above.

1290-1320 SILTSTONE; dirty gray, hard, contaminated sandy in part, common light green tight. CLAYSTONE; light green continued as above.

1320-1350 SANDSTONE; dirty gray to light brown, firm, very fine to fine grained, well sorted and contaminated, trace fossiliferous LIMESTONE stringers, no visible porosity.

1350-1380 SILTSTONE; light green to gray, firm to soft occasional sandy. CLAYSTONE green to gray, soft, platy, occasional varicolored, variegated. LIMESTONE; light brown soft to firm, finely crystalline, occasional soft earthy texture, common fossiliferous, trace oolites,

1380-1410 SANDSTONE; Predominately medium to coarse grained loose oolites, trace brown micro crystalline LIMESTONE matrix abundant fine grained SANDSTONE clusters,

1410-1440 CLAYSTONE; light green to green to gray green, firm to soft, blocky occasional subwaxy, trace calcareous. SANDSTONE; white/light gray, friable to firm, fine grained subangular, trace very friable medium grained poor sorted, trace pyrite, trace medium loose medium to coarse oolitic occasionally with LIMESTONE matrix.

1440-1470 LIMESTONE; light brown, firm to hard, fine to microcrystalline, predominant oolitic, occasionally sandy in part, tight. Claystone; light green to green to gray green, firm to soft, occasionally fine gritty to silty in part.

1470-1500 DISTINCT CHANGE - CLAYSTONE; moderate red orange to moderate reddish brown, occasional gray green, occasional brown, common variegated, subwaxy in part, occasional slightly calcareous.

1500-1530 CLAYSTONE; moderately green to gray green to olive green to red brown to red orange, firm, blocky, occasional variegated, trace silty in part, trace calcareous. LIMESTONE; brown to light brown, hard, finely crystalline, predominant fragmental, fossiliferous, tight.

1530-1560 SANDSTONE; unconsolidated, white to clear to light orange, fine to lower medium grained, subangular to subrounded, loose quartz grains. no fluorescence stain odor or cut.

SAMPLE DESCRIPTIONS

LITHOLOGY

1560-1590 CLAYSTONE; light red to red pink to light orange, soft to firm, platy, common variegated, occasional slightly calcareous.

1590-1620 CLAYSTONE; red brown to light red orange, soft to firm, common variegated.

1620-1650 CLAYSTONE; light red orange to red brown, firm to soft, occasional slightly calcareous. SILTSTONE; light tan to off white, fair to firm, occasionally slightly calcareous, trace sandy in part.

1650-1680 CLAYSTONE; red brown to light red orange, soft, occasional variegated. SILTSTONE; light tan to off white, continued as above

1680-1710 SHALE; red orange to red brown, soft to firm, platy, occasional variegated.

1710-1740 SANDSTONE; white to off white, friable to firm, fine grained to silty, moderately well sorted, well consolidated, subangular, predominant with calcareous matrix, tight. CLAYSTONE; continued as above.

1740-1770 LIMESTONE; light brown to off white, soft common brittle, micro to fine crystalline, dense, tight, rare oolites. CLAYSTONE; light green to brown, soft, platy, subwaxy.

1770-1800 SANDSTONE; trace only, loose unconsolidated quartz grains, subangular, very fine grained, trace very fine grained to silty clusters, very calcareous, tight throughout. CLAYSTONE light green to gray green, soft, occasional very fine silty in part.

WASATCH 1,811'

1800-1830 DISTINCT CHANGE - CLAYSTONE; red orange to red brown to cop, soft, sub blocky, occasional calcareous in part.

1830-1860 CLAYSTONE; red orange to red brown, soft, sub blocky, occasional very fine silty calcareous in part. SILTSTONE; red brown , grading to claystone as above.

1860-1890 CLAYSTONE; red orange to red brown, continued as above, rarely variegated.

1890-1920 CLAYSTONE; red brown to red orange, soft to firm, sub blocky, occasional subwaxy, occasional silty in part. SILTSTONE; red orange, to off white, very fine.

1920-1950 SANDSTONE; white to light gray to brown, friable, fine to very fine grained, occasional silty in part, moderately well sorted and contaminated, predominant calcareous, tight. CLAYSTONE; continued as above.

1950-1980 CLAYSTONE; light red brown to red orange, occasional gray to gray green, common mottled texture, variegated in part. SANDSTONE; continued as above.

1980-2010 SANDSTONE; light brown to off white to gray, very friable, fine grained, subangular, moderately well sorted, slightly calcareous, no visible porosity, no stain odor cut, slightly to no calcareous.

SAMPLE DESCRIPTIONS

LITHOLOGY

2010-2040 SANDSTONE; continued as above, occasional silty in part, slightly calcareous, no visible porosity. CLAYSTONE; light red orange to light brown to light green, common variegated.

2040-2070 CLAYSTONE; light red orange to red brown, soft, subblocky, occasional slightly calcareous.

2070-2100 CLAYSTONE; light red orange to red brown continued as above. SANDSTONE; dirty gray, friable, poor sorted abundant red clay parting and inclusion, tight.

2100-2160 NO Sample CAUGHT

2160-2190 SANDSTONE; white to light gray clear to frost unconsolidated quartz grains, subangular to sub rounded, fine to lower medium grained, occasional poor contaminated with calcareous matrix no fluorescence stain odor or cut.

2190-2220 CLAYSTONE; red brown to red orange. firm to soft, occasional slightly silty. SANDSTONE; white to light gray, friable, fine to very fine grained, subangular, moderately well sorted, associated with brown clay, slightly calcareous trace silica, tight throughout.

2220-2250 CLAYSTONE; light red orange to red brown, soft to firm, occasional silty in part. SANDSTONE; white to light brown, continued as above, tight throughout.

2250-2280 CLAYSTONE; light red orange to red brown, soft to firm occasional fine gritty texture, occasional fine silty stringers, trace variegated. SILTSTONE light gray to light red orange, firm, common with red brown CLAYSTONE parting.

2280-2310 CLAYSTONE; light red orange to red brown, soft to firm , common with thin silty stringers.

2310-2370 CLAYSTONE; light red orange to red brown, continued as above.

2370-2400 CLAYSTONE; light red orange to red brown, soft to firm, common with thin silty stringers, trace variegated, SILTSTONE; light brown to light gray, friable to firm, slightly calcareous, occasional sandy in part.

2400-2430 SANDSTONE; white light brown, friable to firm, fine to very fine grained, subangular to sub rounded, well contaminated, moderately well to poor sorted, trace fine black mineral inclusion, slightly calcareous, tight, no fluorescence stain odor or cut. CLAYSTONE; continued as above, occasional light green to gray green, platy subwaxy.

2430-2460 SILTSTONE; light gray to gray green, soft to friable, common calcareous occasional argillaceous in part, trace sandy. CLAYSTONE varicolored, red orange to gray green, to brown to light green, soft, occasional subwaxy, occasional variegated.

2460-2490 CLAYSTONE; red brown to red orange trace light green, soft, subblocky, occasional subwaxy, trace variegated. SANDSTONE; white to light brown, friable, fine grained to silty, calcareous, tight.

SAMPLE DESCRIPTIONS

LITHOLOGY

2490-2520 CLAYSTONE; light red orange to red brown common variegated. SANDSTONE; dirty brown to gray, friable, fine to lower medium grained, subrounded, common with clay partings occasionally calcareous. tight to poor visible porosity.

2520-2580 red orange to red brown to pink to green, soft, occasional subwaxy, trace silty, common variegated. SANDSTONE; white to light gray, SANDSTONE; white to light gray, friable to firm fine to very fine grained, subangular, well sorted and contaminated, predominant calcareous, trace white LIMESTONE stringers and parting, tight throughout.

2580-2610 CLAYSTONE; red brown to red orange, continued as above, SILTSTONE, light gray, friable to firm, very fine, common with very fine black inclusion, occasional sandy in part, occasional red shale parting and stringers, tight throughout.

2610-2640 CLAYSTONE; red orange to red brown, firm to soft, slightly to non calcareous. SILTSTONE; light gray, firm to fair, very fine, occasional argillaceous, calcareous in part.

2640-2670 CLAYSTONE; continued as above. SILTSTONE; light gray, firm, predominantly calcareous, argillaceous in part.

2670-2700 SANDSTONE; white to light gray, friable, fine to upper fine grained, sub rounded to subangular, moderately well contaminated, poor sorted, calcareous, tight to poor visible porosity no fluorescence stain odor or cut. CLAYSTONE; red brown, firm to soft, blocky, occasional light green to gray green, subwaxy.

2700-2730 CLAYSTONE; light green to gray green, occasional light red orange, firm to soft, subblocky, trace variegated. SANDSTONE; continued as above, decrease grained size, common with scattered black mineral, tight.

2730-2760 CLAYSTONE; varicolored, green to light green to red brown, soft, subblocky, occasional variegated trace silty.

2760-2790 CLAYSTONE; red brown to red orange, soft, subblocky. SANDSTONE, brown to light brown, friable, fine to very fine grained, occasional silty in part, non calcareous, tight.

2790-2820 CLAYSTONE; varicolored, green to light green to red brown to red orange, trace yellow, soft, subblocky, trace variegated, trace silty in part.

2820-2850 CLAYSTONE; varicolored continued as above. SANDSTONE; WHITE to clear. friable, lower medium grained, subangular, poor contaminated, abundant loose grains, non calcareous, common with scattered dark mineral inclusion, no fluorescence stain odor or cut.

2850-2880 SANDSTONE; white. clean, firm to friable, fine to lower medium grained, subangular to subrounded, well consolidated moderately well sorted, slightly calcareous, common with scattered fine grained black mineral inclusion, tight throughout. CLAYSTONE; red brown to light green, continued as above.

2880-2910 SANDSTONE; continued as above, trace disseminated pyrite, tight, no fluorescence stain odor or cut. CLAYSTONE; red orange to red brown occasional light gray, firm to soft, blocky, trace variegated.

SAMPLE DESCRIPTIONS

LITHOLOGY

2910-2940 SANDSTONE; white to light gray, friable to firm, fine grained, subangular, well sorted, well consolidated, Salt and Pepper, slightly calcareous, tight. CLAYSTONE red brown, continued as above, trace slightly silty.

2940-2970 NO SAMPLE

2970-3000 CLAYSTONE; moderately distinct change, gray to dark gray, firm, subblocky, abundant red brown continued as above. traces LIMESTONE, brown to dark brown, hard, blocky, microcrystalline, dense, tight.

3000-3030 CLAYSTONE; red brown to brown, soft to firm, blocky, occasional very fine silty. SILTSTONE; light gray, firm to hard, slightly calcareous, occasional sandy in part, SANDSTONE, light gray, friable, very fine grained, occasional calcareous, tight, LIMESTONE; trace only brown, hard, blocky, microcrystalline.

3030-3060 CLAYSTONE; brown to red brown to light red orange, soft to firm blocky, trace slightly calcareous. SILTSTONE; light gray to brown, friable, slightly calcareous, occasional sandy in part, trace green inclusion.

3060-3090 CLAYSTONE; brown to trace brown to red orange, soft, common light green to gray green, subwaxy, occasional variegated, occasional silty in part. SILTSTONE; light gray, continued as above, occasional sandy in part with black mineral inclusion, slightly calcareous.

3090-3120 CLAYSTONE; red brown to red orange, continued as above, decrease amount light green. SILTSTONE; light gray to gray, friable, occasional scattered black mineral inclusion, slightly calcareous, tight. LIMESTONE; trace only, brown to gray, firm to hard, fine to microcrystalline, tight.

3120-3150 CLAYSTONE; light green to gray green, occasional red brown, soft, blocky, predominant very calcareous, occasional silty in part. SILTSTONE; light gray, very friable, very fine, occasional argillaceous in part, calcareous, tight. LIMESTONE; trace only brown, microcrystalline, blocky.

3150-3180 CLAYSTONE; light green to gray green soft, subblocky, calcareous, continued as above. LIMESTONE; brown to gray, soft, blocky, finely crystalline MUDSTONE, tight throughout.

3180-3210 CLAYSTONE; light green to gray, soft, blocky, predominant calcareous. LIMESTONE; light gray to light brown, firm to soft, blocky finely crystalline occasionally white, soft chalky fine to microcrystalline, common grad to MUDST. SILTSTONE; light gray, friable, very fine calcareous, trace sandy in part.

3210-3240 CLAYSTONE; red orange to red brown abundant light green, blocky, common calcareous. SANDSTONE; light gray to light green, friable, very fine grained to silty, commonly with very fine black mineral inclusion, tight.

3240-3270 SANDSTONE; light gray friable occasional firm, fine to lower fine grained, sub rounded to sub angular, well consolidated, moderately well sorted, white calcareous matrix, scattered black mineral inclusion, occasional black carbonaceous inclusion, no visible porosity, no fluorescence stain odor or cut.

SAMPLE DESCRIPTIONS

LITHOLOGY

3270-3300 SANDSTONE; continued as above occasional thin black shale stringers and parting tight, no fluorescence stain odor or cut. LIMESTONE; light brown hard, microcrystalline, trace fossiliferous fragments. CLAYSTONE; dirty gray to brown to green, soft, blocky calcareous in part.

OHIO CREEK CONGLOMERATE 3,299'

3300-3330 SANDSTONE; dirty gray to off white, firm, fine to very fine grained, subangular to sub rounded, moderately well sorted, well consolidated, abundant scattered black carbonaceous inclusion, parting and stringers, trace disseminated pyrite, tight, no fluorescence stain odor or cut. LIMESTONE; brown to light brown, hard, blocky, microcrystalline, trace oolites, tight.

MESAVERDE 3,330'

3330-3360 Claystone; varicolored, green to gray to yellow to red to orange to brown to gray, hard, blocky, commonly variegated, trace well rounded fragments, non calcareous. LIMESTONE; brown to gray, hard, microcrystalline, predominant dense, tight throughout. SANDSTONE; dirty gray, continued as above, trace CHERT; white to orange, semi opaque, sharp.

3360-3390 SANDSTONE; light gray, firm to friable, fine grained to silty, subangular, well consolidated moderately well sorted, scattered black mineral inclusions, occasional disseminated pyrite, calcareous, tight. CLAYSTONE, moderately distinct change to light green to light gray, soft to firm, occasional silty in part, slightly calcareous.

3390-3450 NO SAMPLES CAUGHT

3450-3480 CLAYSTONE - SHALE; light green to light gray to gray green, soft to firm, platy, occasional very fine gritty, trace silty in part. SANDSTONE; light gray to dirty gray to light green, firm, occasional hard, fine grained to silty, common with thin black carbonaceous stringers and inclusion, calcareous, tight throughout.

3480-3510 CLAYSTONE/SHALE; light green to gray. firm to soft, blocky, no to slightly calcareous, trace silty in part. SANDSTONE; light to dirty gray, firm to friable, fine grained to silty, moderately well sorted, well contaminated, occasional black carbonaceous inclusion and stringers, calcareous, tight no fluorescence stain odor or cut. SHALE; gray to gray green to brown, silty, blocky to platy, occasional calcareous, trace fine gritty texture, carbonaceous in part.

3510-3540 SANDSTONE; dirty gray to gray to white, firm to friable fine to lower medium grained, subangular to sub rounded, poor to moderately well sorted, well contaminated, abundant fine black carbonaceous inclusion, occasional calcareous, tight. SHALE; gray to light gray to gray green, soft blocky to platy, trace subfissile, occasional variegated, trace carbonaceous.

3540-3570 SHALE; light gray to gray green to light brown, soft, platy to blocky, occasional subfissile, trace black vitreous coal fragments, occasional silty in part. SANDSTONE; dirty gray to white, continued as above, abundant black carbonaceous debris, trace light green mineral inclusion, common with gray to black SHALE parting, tight.

SAMPLE DESCRIPTIONS

LITHOLOGY

3570-3600 SANDSTONE; 90% unconsolidated grains, clear to white, fine to lower medium grained, subangular, occasional frosted, occasional loose carbonaceous material, trace loose coal, trace red grains. no fluorescence stain odor or cut

RUN 9 5/8" SURFACE CASING

3600-3625 SANDSTONE; white to silty, firm to friable, fine to lower medium grained, moderately well sorted, well consolidated, subangular to sub rounded, occasional loose carbonaceous material, commonly unconsolidated grains, no visible porosity, no fluorescence stain odor or cut. abundant Cement in sample.

3625-3658 SANDSTONE; white to clear, continued as above, commonly with scattered carbonaceous debris, non calcareous, tight, no fluorescence stain odor or cut. CHERT; gray to orange occasional black, semi opaque, sharp, occasional milky white opaque, rare variegated.

3658-3700 SHALE; dark gray to black, firm to soft, platy, occasional subfissile, commonly carbonaceous, trace fine gritty to silty. SANDSTONE; light gray to white, friable to firm, fine to very fine grained, subangular, occasional slightly calcareous, tight.

3700-3750 SHALE; dark gray occasional black, firm to soft, subfissile to fissile, commonly carbonaceous in part.

3750-3800 SANDSTONE; off white to light gray, firm to friable, fine to lower fine grained, subrounded to subangular, well consolidated, moderately well sorted, non to slightly calcareous matrix, abundant fine black mineral inclusion, occasional carbonaceous parting and inclusion, no visible porosity no fluorescence stain odor or cut

3800-3850 SHALE; dark gray occasional black, firm, platy, subfissile, trace fissile, occasional light green, subwaxy, occasional carbonaceous in part, trace loose coal. SANDSTONE; continued as above.

3850-3900 SHALE; gray to dark gray soft, platy, subfissile, commonly very fine gritty texture, occasional silty in part, occasional light green, subwaxy. SILTSTONE; light gray firm to hard argillaceous in part, occasional micro black flakes, possible carbonaceous in part, predominant calcareous.

3900-3950 SANDSTONE: white to light gray, friable to firm occasional hard, medium to lower medium grained, sub angular, well sorted and consolidated, abundant black mineral and carbonaceous inclusion, occasional slightly calcareous matrix, no to poor visible porosity, no fluorescence stain odor or cut, SHALE; gray to dark gray, continued as above.

3950-4000 SHALE; gray to gray brown, firm to soft, fine gritty occasional silty, occasional subfissile, traces thin black carbonaceous and occasional coal stringers. SILTSTONE; dirty gray, soft to firm, argillaceous in part, occasional with black carbonaceous parting and stringers. SANDSTONE; continued as above.

4000-4050 SANDSTONE; white to light gray, friable to firm, fine to lower medium grained, subangular, well sorted and consolidated, abundant fine to medium grained black mineral and carbonaceous inclusion, slightly to non calcareous, no to poor visible porosity no fluorescence stain odor or cut

SAMPLE DESCRIPTIONS

LITHOLOGY

4050-4100 SANDSTONE; white to light gray, friable to firm, fine to lower medium grained, subangular, abundant black mineral and carbonaceous inclusion, trace light orange to green mineral inclusion, no visible porosity, no fluorescence stain odor or cut. SHALE; dark gray to gray continued as above.

4100-4150 SANDSTONE; dirty gray to gray to white, friable to firm, fine to very fine grained, subangular to subrounded, well sorted and consolidated, white calcareous matrix, black mineral inclusion, commonly with thin, black, vitreous, coal stringers. occasional very silty grad to SILTSTONE, tight throughout. SHALE; light gray to gray to black, soft, platy, occasional black carbonaceous stringers.

4150-4200 SHALE; gray to dark gray, soft to firm, occasional subwaxy, trace silty, trace carbonaceous in part. SANDSTONE; white to light gray firm to hard, fine grained to silty, abundant fine to micro black mineral inclusion, occasional calcareous, tight throughout.

4200-4250 SANDSTONE; white to light gray, firm to friable lower medium to very fine grained, subangular to sub rounded, commonly with black mineral inclusion, occasional carbonaceous debris, occasional calcareous matrix, no visible porosity, no fluorescence stain odor or cut. SHALE; continued as above.

4250-4300 SHALE; gray to dark gray, occasional subwaxy, continued as above.

4300-4350 SHALE gray to medium dark gray, firm to soft, platy, trace thin carbonaceous stringers. SANDSTONE; light gray, fine grained to silty, abundant very fine to micro black mineral and carbonaceous inclusion, trace loose coal, occasional calcareous, tight throughout.

4350-4400 SANDSTONE; white, firm to hard, fine to medium grained, well sorted and consolidated, abundant medium grained black mineral inclusion and occasional carbonaceous debris, occasional milky white calcareous matrix, no to poor visible porosity, no fluorescence stain odor or cut

4400-4450 SHALE; gray to brown, firm, occasional very silty, hard, trace light gray to green, waxy. SANDSTONE; light gray to white, hard to firm, very fine grained to silty, very fine black mineral inclusion, occasional thin carbonaceous stringers, occasional calcareous, tight

4450-4500 SHALE; light gray to light brown, firm to soft, platy, predominant silty, trace black carbonaceous stringers. SANDSTONE; white, fine black mineral inclusion, occasional carbonaceous. SILTSTONE; light gray, firm, occasional thin carbonaceous stringers.

4500-4550 SHALE; gray to brown, continued as above, trace loose coal fragments. SANDSTONE; white to light gray, firm to friable, fine to medium grained, subangular, slightly calcareous, occasional carbonaceous inclusion, tight.

4550-4600 SANDSTONE; white to light gray, firm to friable, fine to lower medium grained, subangular abundant black mineral inclusion, occasional carbonaceous debris, slightly to non calcareous, no to poor visible porosity no fluorescence stain odor or cut. SHALE; brown to gray, trace black carbonaceous stringers, commonly silty.

4600-4650 SILTSTONE; light to dirty gray, hard, platy, argillaceous in part, occasional sandy, commonly with fine black mineral inclusion, trace carbonaceous fragments, trace thin coal stringers. SHALE; gray to brown, soft to firm, platy, subfissile, rare carbonaceous in part, commonly silty.

SAMPLE DESCRIPTIONS

LITHOLOGY

4650-4700 SHALE; gray to brown, continued as above, trace light gray to gray green, sub waxy, trace black coal and carbonaceous partings and stringers. SANDSTONE; continued as above.

4700-4750 SILTSTONE; light gray, firm to soft, trace hard, very fine, occasional argillaceous, platy, trace slightly calcareous, commonly with micro carbonaceous specks, trace loose vitreous coal fragments. SHALE; gray to brown, soft, blocky, commonly silty in part, rare carbonaceous.

4750-4800 SHALE; dark gray to dark brown, soft to firm, commonly subfissile, carbonaceous. SANDSTONE; white to light gray, firm to fair. commonly silty in part. trace scattered carbonaceous debris.

NESLEN 4,800'

4800-4850 SHALE; light brown, firm, platy, predominant silty in part, trace thin carbonaceous shale stringers, trace coal. SANDSTONE; white to light gray, firm fine to very fine grained, occasional silty, well consolidated moderately well sorted, very fine grained black mineral inclusion, occasional thin coal stringers, tight throughout, no fluorescence stain odor or cut

4850-4900 SANDSTONE; dirty gray to off white, very fine grained to silty, tight, abundant thin black carbonaceous and coal stringers, no visible porosity no fluorescence stain odor or cut. SILTSTONE, light brown, soft to firm, commonly sandy in part, occasional argillaceous, trace black carbonaceous stringers, tight. SHALE; continued as above.

4900-4950 SANDSTONE; white to dirty gray, firm to firm fine to very fine grained, occasional silty, subangular, black mineral inclusion, slightly to non calcareous, trace loose COAL. SHALE; dark gray to brown, soft, platy, occasional with spotty carbonaceous inclusion and thin carbonaceous stringers. SILTSTONE; continued as above.

4950-5000 SHALE; dark gray to dark brown, firm, subblocky, commonly carbonaceous, trace thin coal stringers. SILTSTONE; brown to light brown, firm, occasional argillaceous in part, commonly with very fine black carbonaceous inclusion and thin carbonaceous stringers.

5000-5050 SHALE; dark brown to dark gray, soft to firm, subplaty, commonly with fine black carbonaceous inclusion and occasional thin COAL stringers.

5050-5100 SHALE; brown to dark brown to dark gray, trace black, firm to soft, subblocky, commonly carbonaceous with black COAL stringers and partings. COAL; loose black vitreous, brittle.

5100-5150 SHALE; dark brown to dark gray, predominant carbonaceous, continued as above. SANDSTONE; white to light gray, firm to friable, fine to lower medium grained, subrounded, well sorted and consolidated, predominant silica, occasional white slightly calcareous matrix, abundant black mineral inclusion, tight, no fluorescence stain odor or cut

5150-5200 SHALE; continued as above. SANDSTONE; grained to dirty gray, firm, to friable, fine grained to silty, occasional black shale stringers. occasional black mineral inclusion, tight.

SAMPLE DESCRIPTIONS

LITHOLOGY

5200-5250 SHALE; dark brown to dark gray, occasional black, firm platy to subblocky, commonly carbonaceous in part, commonly silty. SANDSTONE; continued as above. SILTSTONE; brown to gray, firm, fine to micro black mineral inclusion, commonly carbonaceous. COAL; loose black vitreous, commonly associated with shale and SILTSTONE.

5250-5300 SANDSTONE; white to gray, firm to friable, fine to lower medium grained, subrounded, well sorted and consolidated, commonly with black shale stringers and black mineral inclusion. no to poor visible porosity no fluorescence stain odor or cut.

UPPER SEGO SS 5,344'

5300-5350 SILTSTONE; light brown, firm to soft, very fine, occasional sandy in part, commonly with micro carbonaceous inclusion, occasional thin black parting and stringers. SHALE; continued as above.

5350-5400 SHALE; dark brown to dark gray, firm to soft, commonly silty in part, trace carbonaceous parting. SILTSTONE; continued as above.

5400-5450 SHALE; dark brown to dark gray, firm, platy, occasional blocky, trace silty in part, trace carbonaceous, rare with COAL.

LOWER SEGO SS 5,482'

5450-5500 SANDSTONE; light gray to off white, firm to friable, fine to lower fine grained, well consolidated and sorted, black mineral inclusion, trace black carbonaceous stringers and parting, no visible porosity, no fluorescence stain odor or cut, SHALE; dark gray to dark brown, continued as above.

5500-5550 SHALE; brown to dark brown to dark gray, firm to soft, subplaty, occasional with fine carbonaceous inclusion, occasional silty in part. SILTSTONE: brown to dark brown, soft, argillaceous in part trace carbonaceous.

CASTLEGATE SANDSTONE 5,556'

5550-5600 SANDSTONE; white to off white, firm, fine to lower fine grained, subangular, moderately well sorted, well consolidated, fine black mineral inclusion, silica to white clay matrix, no to poor visible porosity, occasional moderately to bright yellow fluorescence, light brown spotty oil stain, slow streaming cut, good crush cut, faint odor. SHALE; continued as above.

5600-5650 SANDSTONE; dirty gray to light brown, firm occasional hard, very fine grained to silty, salt and pepper, occasional shale partings, trace thin carbonaceous stringers, rare pyrite. tight throughout, no fluorescence stain odor or cut.

5650-5700 SANDSTONE; white, clean firm to friable, fine to medium grained, subangular to sub rounded, well sorted, well consolidated, fine black mineral inclusion, white clay matrix, occasional silica, no visible porosity, rare with show continued as above, predominant no fluorescence stain odor or cut. SILTSTONE; brown to dark brown, firm to soft, argillaceous in part, trace fine carbonaceous inclusion and stringers. trace loose COAL.

SAMPLE DESCRIPTIONS

LITHOLOGY

5700-5750 SILTSTONE; brown to dark brown, firm to soft, very fine, commonly with micro carbonaceous inclusion, trace black carbonaceous partings and thin stringers. SHALE; brown to dark brown to gray, silty in part, continued as above.

5750-5800 NO SAMPLE CAUGHT

5800-5850 SHALE; dark brown to dark gray, firm to soft, commonly dark gray, carbonaceous, occasional silty in part

MANCOS SHALE 5,846'

5850-5900 SHALE; dark gray to dark brown, soft, platy to blocky, occasionally micro carbonaceous specks, trace black carbonaceous partings, trace silty in part.

BLUEGATE 5,919'

5900-5950 SHALE; dark brown to dark gray, continued as above.

5950-6000 SHALE; dark brown to gray, soft, platy to subblocky, very fine to micro black carbonaceous inclusion, occasional silty, rare slightly calcareous.

6000-6050 SHALE; brown to dark brown to dark gray, soft to firm, micro spotty carbonaceous inclusion and partings, trace slightly silty.

6050-6100 SHALE; brown to dark brown to dark gray, carbonaceous in part, continued as above.

6100-6150 SHALE; brown to dark brown, firm to soft, platy to subblocky, commonly with very fine to micro black carbonaceous inclusion and occasional black SHALE parting.

6150-6200 SHALE; dark brown to dark gray, continued as above.

6200-6250 SHALE; brown to dark brown, firm to soft, subblocky, occasional platy, occasional fine black carbonaceous inclusion, trace thin black stringers, occasional silty in part.

6250-6300 SHALE; brown to dark brown, firm to soft, subblocky, commonly very fine silty, trace slightly calcareous, occasional fine carbonaceous specks.

MANCOS "B" 6,304'

6300-6350 SHALE; brown to dark brown firm to soft, subblocky, commonly silty with very fine gritty texture, occasional slightly calcareous, trace fine black carbonaceous inclusion. SILTSTONE; brown, soft to firm argillaceous in part, occasional carbonaceous . fine black specks.

6350-6400 SANDSTONE; light gray to dirty brown, firm to friable, fine to lower fine grained, subangular, silica, well consolidated, moderately well sorted, commonly with very fine black mineral inclusion, occasional black shale partings, occasional argillaceous to carbonaceous, no visible porosity no fluorescence stain odor or cut.

SAMPLE DESCRIPTIONS

LITHOLOGY

6400-6450 SANDSTONE; light brown to light gray, firm to friable, fine grained to silty, scattered black mineral inclusion, argillaceous in part, commonly grad to siltstone, tight throughout no fluorescence stain odor or cut. SHALE; brown to dark brown to gray, firm to soft, platy, silty, occasional fine carbonaceous inclusion.

6450-6500 SANDSTONE; dirty brown to light gray, firm to friable, very fine grained to silty, argillaceous in part, occasional thin black shale partings and stringers, well consolidated, tight no fluorescence stain odor or cut. SHALE; continued as above, predominant silty in part.

6500-6550 SILTSTONE; brown to dirty brown, firm, very fine, commonly argillaceous, commonly with black shale stringers and micro carbonaceous inclusion, occasional sandy in part, tight throughout. SANDSTONE continued as above, predominant silty in part, occasional shale partings.

6550-6600 SILTSTONE; brown to dark brown, firm occasional hard, commonly with micro carbonaceous inclusion, commonly with white SANDSTONE stringers, occasional SHALE stringers.

6600-6650 SILTSTONE, continued as above, commonly argillaceous, carbonaceous. SHALE; dark brown to gray to dark gray, firm, platy, silty in part.

6650-6700 SHALE; dark brown to dark gray, soft to firm, predominant silty in part, abundant micro black carbonaceous inclusion, occasional black stringers and partings. SILTSTONE; continued as above.

6700-6750 SHALE; continued as above, commonly with thin sandy stringers, commonly black carbonaceous inclusion.

6750-6800 SHALE; brown to dark brown, soft to firm, platy to subblocky, commonly with very fine carbonaceous inclusion, abundant white very fine grained SANDSTONE stringers, tight throughout.

6800-6850 SHALE; dark brown to dark gray, firm to soft, platy, fine gritty to silty texture, trace fine grained SANDSTONE stringers, abundant black carbonaceous inclusion.

6850-6900 SHALE; dark gray to dark brown, firm to soft platy to subblocky, fine gritty to silty texture, trace SANDSTONE stringers, rare fissile, carbonaceous, commonly with micro carbonaceous inclusion.

6900-6950 SHALE; brown to dark brown to dark gray, commonly carbonaceous specks, and stringers, trace loose COAL.

6950-7000 SHALE; brown to dark brown to dark gray, soft, platy, occasional silty, commonly carbonaceous in part, trace thin sandstone stringers.

7000-7050 SHALE; dark brown to dark gray, firm to soft, platy to subblocky, commonly with black carbonaceous inclusion and parting.

7050-7100 SHALE; dark brown to dark gray, continued as above.

SAMPLE DESCRIPTIONS

LITHOLOGY

7100-7150 SHALE; dark brown to dark gray, soft, platy to subblocky, commonly with very fine silty to gritty texture, micro black carbonaceous inclusion.

7150-7200 SHALE; dark brown to dark gray, soft, platy, commonly with thin carbonaceous stringers and disseminated inclusion, trace silty, traces green, waxy.

7200-7250 SHALE; dark brown, continued as above, occasional very fine silty.

7250-7300 SHALE; brown to dark brown, occasional dark gray, soft, subblocky, predominant with micro carbonaceous inclusion and occasional fine black carbonaceous stringers, trace silty in part.

7300-7350 SHALE; dark brown, very fine black carbonaceous material scattered throughout, trace silty.

7350-7400 SHALE; dark brown, soft, platy to blocky, fine to micro black carbonaceous inclusion and stringers, trace silty in part

MID MARKER 7332' ?

7400-7450 SHALE; dark brown with black micro carbonaceous inclusion and stringers, continued as above.

7450-7500 SHALE; brown to dark brown to dark gray, commonly with black carbonaceous stringers and micro inclusion.

7500-7550 SHALE; continued as above, occasional very carbonaceous, trace silty in part, trace gray, waxy, very soft

7550-7600 SHALE; dark brown to dark gray to black, soft, platy, occasional subfissile, very carbonaceous, rare silty in part, trace light green to green. soft blocky, waxy.

7600-7650 SHALE; dark brown to dark gray to black, firm to soft, subfissile, commonly with thin black carbonaceous stringers and inclusion, rare silty in part.

7650-7681 SHALE; dark brown to dark gray, firm to soft, commonly with thin black carbonaceous stringers, occasional carbonaceous inclusion.

7700-7750 SHALE; dark gray to black, occasional dark brown, soft, platy, subfissile, trace splintery, predominant carbonaceous.

7750-7800 SHALE; black to dark gray to dark brown, firm to soft, platy, subfissile, carbonaceous.

7800-7850 SHALE; black to dark gray, carbonaceous, continued as above.

7850-7900 SHALE; dark gray to dark brown to black, soft to firm, platy, occasional subfissile, predominant carbonaceous in part.

SAMPLE DESCRIPTIONS

LITHOLOGY

7900-7950 SHALE; dark gray to black to dark brown, soft to firm, platy, occasional subfissile trace splintery, predominant carbonaceous.

7950-8000 SHALE; dark gray to black to brown, soft, platy, subfissile to fissile, trace silty, carbonaceous throughout.

8000-8050 SHALE; dark gray to dark brown to black, soft, platy, carbonaceous, continued as above.

8050-8100 SHALE; black to dark gray to dark brown, soft, platy, subfissile, trace splintery, fissile, carbonaceous throughout, trace silty stringers.

8100-8150 SHALE; dark gray to dark brown to black, soft, platy, occasional subfissile, predominant carbonaceous occasional fine carbonaceous stringers.

8150-8200 SHALE; dark gray to dark brown, soft to firm, platy to subblocky, trace silty in part, predominant carbonaceous.

8200-8250 SHALE; dark gray to dark brown to black, firm, platy, occasional splintery, fissile, predominant with fine black carbonaceous inclusion and stringers.

8250-8300 SHALE; continued as above.

8300-8330 SHALE; dark gray to dark brown to black, soft, platy, occasionally subfissile, trace very fine SILTSTONE stringers, carbonaceous throughout.

8330-8360 SHALE; dark gray to black to dark brown, soft to firm, platy, occasionally subfissile, trace SILTSTONE (<10%); light gray, very fine predominant with black SHALE parting, tight.

8360-8390 SHALE; dark gray to black to dark brown, soft to firm, platy to subblocky, occasional subfissile, occasional silty in part, trace thin light gray SILTSTONE stringers, tight, calcareous.

8390-8420 SHALE: continued as above. SILTSTONE; light gray to dirty brown, very fine, commonly argillaceous in part with thin black carbonaceous prtgs, commonly calcareous, trace silica, tight throughout.

8420-8450 SHALE; dark gray to dark brown to black, firm to soft, subblocky to platy, commonly . very fine to micro black carbonaceous inclusion and parting, trace silty in part.

8450-8480 SILTSTONE, gray to dirty gray, firm to hard, predominant, argillaceous in part, occasionally grad to silty SHALE, commonly with fine black mineral inclusion, predominant calcareous, tight throughout.

8480-8510 SHALE; dark gray to dark brown to black, firm to soft, commonly carbonaceous, occasional silty in part, trace light gray silty, calcareous, stringers, rare trace white calcite.

8510-8540 SHALE; continued as above, decrease amount silty.

SAMPLE DESCRIPTIONS

LITHOLOGY

8540-8570 SHALE; dark gray to black to dark brown, soft to firm, subblocky, commonly with carbonaceous stringers and inclusion, trace light gray silty stringers.

8570-8600 SHALE; dark gray to black to dark brown, soft, subblocky to platy, occasionally subfissile, predominantly carbonaceous in part.

8600-8630 SHALE; dark gray to black to dark brown, soft, subblocky to platy, predominantly carbonaceous, trace only silty.

8630-8660 SHALE; dark gray to black, continued as above, trace thin black carbonaceous stringers.

8660-8690 SHALE; dark gray to black, continued as above. SILTSTONE; dirty gray, firm to hard, very fine, commonly with black shale stringers and prtgs, calcareous, very tight throughout, no fluorescence stain odor or cut.

8690-8720 SILTSTONE; white to dirty brown, hard, calcareous, commonly sandy in part, commonly with very fine disseminated biotite, commonly with black shale parting, trace black carbonaceous inclusion, very tight, trace bright yellow mineral fluorescence, no stain odor cut.

8720-8750 SILTSTONE; continued as above, occasionally grad to lower fine grained SANDSTONE, dirty brown to gray, firm to hard, very fine scattered copper mineral inclusion (biotite?), commonly with SHALE prtgs, calcareous, tight, trace bright yellow mineral fluorescence, no stain odor cut. SHALE; continued as above.

8750-8780 SHALE; dark gray to black to dark brown, firm to soft, platy to blocky, subfissile predominant carbonaceous in part.

8780-8810 SHALE; dark gray to dark brown to black, continued aq, trace light brown shell fragments, rare silty in part.

8810-8840 SHALE; black to dark gray to brown, soft to firm, platy to blocky, subfissile, rare fine gritty texture, predominant carbonaceous.

MANCOS MARKER 8,864'

8840-8870 SHALE; dark brown to dark gray to black, soft to firm, platy to blocky, predominantly carbonaceous in part, trace white shell fragments.

8870-8900 SHALE; dark brown to dark gray to black, continued as above.

MANCOS MARKER ?

8900-8930 SHALE; dark gray to dark brown to black, soft to firm blocky to platy occasionally subfissile, commonly carbonaceous in part.

8930-8960 SHALE; black to dark to brown, commonly as above.

SAMPLE DESCRIPTIONS

LITHOLOGY

8960-8990 SHALE; dark brown to black to dark gray, firm to soft, blocky, commonly carbonaceous.

8990-9020 SK; dark gray to dark brown to black, soft to firm, platy to blocky, occasionally splintery, fissile carbonaceous.

9020-9050 SHALE; continued as above.

9050-9080 SHALE; black to dark gray to dark brown, firm to soft, platy, occasionally subfissile, carbonaceous.

MANCOS "SHOW" 9,088'

9080-9110 SHALE dark gray to black continued as above. BENTONITE; light gray, soft, waxy, yellow orange mineral fluorescence.

9110-9140 SHALE; dark gray to black to dark brown, soft, subfissile, occasional fine gritty texture, commonly carbonaceous in part. trace BENTONITE.

9140-9170 SHALE; dark gray to black, continued as above, trace BENTONITE, trace fossiliferous fragment.

9170-9200 SHALE; black to dark gray, soft, platy to blocky, predominant carbonaceous. BENTONITE; light gray fluorescence.

9200-9230 SHALE; continued as above. SILTSTONE, light gray to dirty gray, hard, fine black mineral inclusion, commonly with black shale parting and stringers, slightly calcareous tight throughout. BENTONITE; light gray, waxy, trace biotite flakes, fluorescence.

9230-9250 SHALE; dark gray to black, platy, subfissile to fissile, occasional fine gritty texture trace silty. SILTSTONE; trace only continued as above.

9250-9280 SHALE; black to dark gray, firm to soft, subfissile, occasional splintery fissile, trace very fine silty, commonly carbonaceous.

9280-9300 SHALE; dark gray to black, firm to soft, subblocky, predominant with fine gritty to silty texture, trace SILTSTONE stringers, tight.

9300-9310 SHALE; continued as above, trace silty.

9310-9330 SHALE; gray to black, firm to soft, subfissile to fissile, occasionally silty in part. SILTSTONE, dirty gray to brown, hard, commonly with shale prtgs, black mineral inclusions, occasionally carbonaceous inclusion, calcareous, tight

DAKOTA SILT 9,340'

SAMPLE DESCRIPTIONS

LITHOLOGY

9330-9350 SILTSTONE; dark gray to dark brown, very friable, occasionally firm to hard, predominantly argillaceous, occasional black shale partings, trace glauconite occasional carbonaceous in part, tight throughout. BENTONITE: light gray to light green, soft, fluorescence fine biotite.

9350-9370 SILTSTONE; dirty gray, firm, commonly very argillaceous with black shale prtgs and stringers, scattered fine green glauconite, trace fine biotite, occasional calcareous, tight throughout. SHALE; gray to black, soft, platy, predominant fine gritty to silty, carbonaceous in part.

9370-9390 SILTSTONE, dirty gray to light gray, firm to soft, argillaceous, with black partings and carbonaceous inclusion, commonly with white calcareous matrix, glauconite, tight.

9390-9410 SILTSTONE; continued as above, predominant argillaceous, calcareous, glauconitic, tight. SHALE; dark gray to black, soft, platy, fissile, carbonaceous, commonly assoc with SILTSTONE.

9410-9420 SHALE; black to dark gray, soft, platy, fissile, carbonaceous, silty in part. BENTONITE; light green to light gray, soft, waxy. commonly with scattered fine biotite, bright yellow orange mineral fluorescence.

DAKOTA 9,423'

9420-9430 SANDSTONE; white to light brown, firm to hard, fine grained to lower medium grained, subangular, moderately well sorted, well consolidated, white clay matrix; trace calcareous, tight no fluorescence stain odor or cut.

9430-9440 SANDSTONE; white to off white, firm to friable lower fine to upper medium grained, subrounded to subangular, moderately well to poor sorted, scattered angular dark gray to dark brown quartz grains, trace glauconite, white clay matrix, trace calcareous, fair to poor intergranular porosity no fluorescence stain odor or cut

9440-9460 SANDSTONE; continued as above, trace fair intergranular porosity, occasional bright yellow mineral fluorescence, no stain odor cut.

9460-9480 SHALE; dark gray to black to brown, firm, blocky to platy, commonly with fine gritty to silty texture, occasional SILTSTONE stringers, trace very carbonaceous. SANDSTONE; continued as above.

9480-9490 SHALE; distinct change, light green to light gray, soft to firm, blocky to platy, subwaxy to waxy, occasional very fine gritty texture, trace loose pyrite.

9490-9510 SANDSTONE; white to off white, firm to hard, fine to very fine grained, subangular, well sorted, well consolidated, silica, tight, no fluorescence stain odor or cut. SHALE; light green to light gray continued as above. trace pyrite, trace loose coal fragments.

9510-9520 SHALE; light gray to light green, firm to soft, platy, subwaxy, commonly dark gray, fissile, occasional BENTONITE.

SAMPLE DESCRIPTIONS

LITHOLOGY

9520-9530 SANDSTONE; white to off white to light gray, firm to hard very fine grained to silty, subangular to subrounded, well consolidated and sorted, predominant silica with trace slightly calcareous matrix, no to poor visible porosity no fluorescence stain odor or cut.

9530-9540 SILTSTONE; light gray to light brown, hard to firm, occasional coal and black SHALE stringers and prtgs, tight.

CEDAR MOUNTAIN 9,547'

9540-9570 SANDSTONE; white, medium to lower coarse grained, subangular to subrounded, poor sorted, poor consolidated to unconsolidated, silica, commonly with dark gray inclusion, no fluorescence stain odor or cut CHERT; gray to white, opaque to semi opaque

9570-9580 SHALE; black to dark gray, firm, splintery, subfissile to fissile, very carbonaceous. SANDSTONE; continued as above, abundant loose chert.

9580-9600 SANDSTONE; white to clear, friable, abundant unconsolidated, fine to lower coarse grained, subrounded to subangular, abundant very well rounded, frost loose quartz grains, when consolidated, predominant silica, no fluorescence stain odor or cut. SHALE; black, platy, fissile, carbonaceous. CHERT; varicolored, gray to brown to white, predominant sharp, opaque, trace semi opaque. BENTONITE; light green soft waxy, fluorescence

9600-9630 SANDSTONE; white to clear, unconsolidated, frost, medium to lower coarse grained, very well rounded, quartz grains, no fluorescence stain odor or cut SHALE; black, splintery, fissile, commonly very carbonaceous. CHERT; smoky gray to brown to white, blocky, opaque. BENTONITE: continued as above.

BUCKHORN 9,631'

9630-9640 SANDSTONE; milky white, very hard, welded, orthoquartzite, fine grained silicious, tight, no fluorescence stain odor or cut. SHALE; black, firm to soft, splintery, fissile, carbonaceous, BENTONITE; light gray to green, soft, waxy, mineral fluorescence.

9640-9650 CLAYSTONE; red orange to red brown, firm to soft, blocky, occasional fine gritty texture, commonly grad to SHALE.

9650-9660 SANDSTONE; milky white, friable to firm, very fine grained, sub angular, well consolidated and sorted, silicious, trace chalky matrix with red orange SHALE parting, tight throughout.

9660-9665 SHALE; red orange to red brown, blocky.

9665-9680 SANDSTONE; milky white, firm to hard, platy, very fine grained, moderately well sorted and consolidated, silica, occasional soft chalky, tight throughout. SHALE; varicolored, red brown to orange to light green, platy, subfissile, trace black, carbonaceous.

9680-9690 SANDSTONE; continued as above, occasional pink to b no, soft, platy, trace BENTONITE.

SAMPLE DESCRIPTIONS

LITHOLOGY

MORRISON 4,689'

9690-9700 SHALE; varicolored, predominantly red orange to red brown, soft, subblocky, occasionally dark brown to black, fissile, carbonaceous.

9700-9720 SHALE; varicolored, light green to light orange to brown to gray to lavender, thin, platy, subwaxy, commonly black, splintery carbonaceous. BENTONITE; light gray to brown to light green, soft, splintery, fluorescence.

9720-9730 SHALE; varicolored, light orange to red brown to gray to light green to salmon pink, platy, subwaxy, commonly black splintery, carbonaceous. trace BENTONITE.

9730-9750 SHALE; varicolored, dark gray to black, salmon pink to red orange to brown to light green to gray, soft, platy to splintery, subfissile, commonly carbonaceous, rare pyrite. BENTONITE; light gray to green to white, soft, platy, splintery, sub waxy, fluorescent.

9750-9760 SHALE; varicolored, light green to salmon pink to gray to white to black to red orange to brown, firm to soft, platy to splintery, occasional carbonaceous, trace BENTONITE.

9770-9780 SHALE; red orange to light orange to red brown to pink, soft, occasional variegated in part, trace silty.

9780-9800 SHALE; varicolored; red orange to brown to green, increase black fissile, carbonaceous. SANDSTONE; milky white, friable, very fine grained to silty, silica, occasional calcareous matrix, well sorted and consolidated, tight throughout, no fluorescence stain odor or cut. Bentonite; light gray commonly with yellow orange fluorescence.

9800-9820 SHALE; light orange to red orange to salmon pink to gray to black, firm, platy to splintery, subfissile, commonly carbonaceous. LIMESTONE; white, soft, platy, microcrystalline, tight.

9820-9830 SHALE; red brown to red orange to gray to black, soft to firm, blocky to platy, trace carbonaceous.

9830-9850 SANDSTONE; light gray to off white, hard to firm, fine grained, subrounded to subangular, well consolidated, moderately well sorted, silica to slightly calcareous, commonly with spotty red orange shale partings, tight throughout no fluorescence stain odor or cut. SHALE; varicolored continued as above.

SALT WASH 9847' ?

9850-9870 SHALE; light brown to gray to red brown, occasional black, carbonaceous. SANDSTONE; continued as above, tight throughout. LIMESTONE; trace only white, platy, soft to firm microcrystalline, tight. BENTONITE; light gray, soft, fluorescence.

9870-9880 SHALE; varicolored, red brown to green to gray to white occasional black, soft, platy, occasional calcareous.

SAMPLE DESCRIPTIONS

LITHOLOGY

9880-9890 SHALE; red orange to red brown, firm to soft, platy to blocky, occasional black carbonaceous, tr black CHERT. LIMESTONE; white, thin, platy, microcrystalline, occasional sandy in part, tight.

9890- 9910 SANDSTONE; white, clean, firm to friable, fine to very fine grained, occasional silty, subangular, well sorted and consolidated, milky white calcareous matrix, occasional red orange mineral inclusion and SHALE partings, rare light gray CHERT, tight throughout, no fluorescence stain odor or cut.

9910-9920 SANDSTONE; continued as above, trace loose medium grained well rounded quartz grains, no visible porosity, no fluorescence stain odor or cut.

9920-9940 Dist Change SHALE; light green to very light gray, soft, subwaxy to earthy texture, occasional very fine sandy in part, occasional chalky very calcareous.

9940-9970 SANDSTONE; white, clean, friable to firm, fine to very fine grained, subangular to subrounded, well consolidated, milky white calcareous matrix, trace red orange mineral inclusion, no to poor visible porosity, no fluorescence stain odor or cut. SHALE; continued as above.

9970-9980 SANDSTONE; white, clean, very fine grained, calcareous continued as above, no fluorescence stain odor or cut. SHALE; red orange, firm, platy to blocky, re fine silty texture.

9980-10000 SHALE; red orange to light gray to light green, firm, to soft, platy to blocky, trace white calcareous.

TIDWELL MBR 9,986'

10000-10020 SHALE; light green to green to red brown to red orange, firm to soft, platy to blocky, occasional subwaxy, trace silty to sandy, predominantly calcareous. SANDSTONE, white clean, fine to very fine grained, tight.

10020-10040 SHALE; light green to light gray to red orange, soft, blocky, occasional subwaxy, commonly calcareous.

10040-10060 SHALE; varicolored, light gray to red brown to red orange to light gray, soft to firm, blocky to platy, trace white to light gray very fine silty, predominantly calcareous.

10060-10080 SHALE; red orange to red brown, varicolored, light gray to light gray. occasional white, silty in part, trace black, carbonaceous, trace BENTONITE.

10080-10100 SHALE; varicolored, continued as above. SANDSTONE; trace only, white, clean, firm to friable, fine to very fine grained, subrounded to subangular, well sorted, occasional glauconite, calcareous, tight.

10100-10110 SHALE; red orange to red brown to light green to light gray, soft, blocky, calcareous. SANDSTONE; trace only continued as above.

SAMPLE DESCRIPTIONS

LITHOLOGY

10110-10130 LIMESTONE; light gray to light brown, soft to firm, finely crystalline. occasional very fine gritty to silty texture, tight. SANDSTONE; white to light gray, friable to firm, very fine grained to silty, red and green mineral inclusion, well sorted and consolidated, calcareous, tight.

SUMMERVILLE 10,126'

10130-10160 SHALE; varicolored, red orange to brown to lavender, to light green, firm to soft, blocky, occasional platy subwaxy, trace black carbonaceous. Bentonite; soft, splintery, subwaxy, occasional fluorescence.

10160-10170 SHALE; light red orange to light green, soft, subblocky, occasional subwaxy, trace dark gray to black, splint carbonaceous. SANDSTONE; trace only, milky white, friable, very fine grained to silty, tight, calcareous in part.

CURTIS 10,166'

10170-10190 SHALE; varicolored, red brown to gray to green to brown to black, firm, platy to blocky, occasional light green, waxy, trace silty to sandy, predominantly calcareous.

10190-10200 SHALE; varicolored, predominantly red brown, firm, blocky, calcareous. LIMESTONE; trace only, dark brown, microcrystalline, dense tight.

ENTRADA 10.208'

10200-10220 SHALE; varicolored, red orange to brown to lavender to green to gray, platy, commonly very splintery, calcareous. BENTONITE; light green, waxy.

10220-10240 SHALE; varicolored, continued as above, abundant very splintery lavender, abundant black carbonaceous. SANDSTONE; milky white, clean fine grained to silty, calcareous, tight.

10240-10250 SANDSTONE; white to clear, very friable, medium to upper fine grained, very well rounded, well sorted, moderately well to poor consolidated, occasional red orange mineral inclusion, fair intergranular porosity, non to trace slightly calcareous, no fluorescence stain odor or cut.

10250-10270 POOR SAMPLE predominantly SHALE; varicolored. SANDSTONE; continued as above, white, medium grained, very friable, trace light orange, friable, fine grained to silty, tight.

10270-10290 NO SPL DUE TO LOST CIRCULATION

10290-10310 SANDSTONE; red orange to light orange to off white, firm to hard, fine to lower medium grained, subrounded to subangular, well sorted and consolidated, tight, no fluorescence stain odor or cut.

10310-10330 SANDSTONE; light red orange to red brown, to buff, firm to hard, very fine grained to silty, occasional white, medium grained, subangular, well sorted, no visible porosity, non to slightly calcareous.

SAMPLE DESCRIPTIONS

LITHOLOGY

10330-10350 SANDSTONE; light red orange to buff to red brown, occasional white, firm to hard, fine to lower fine grained, subangular to subrounded, well sorted and consolidated, slightly calcareous matrix, tight, no fluorescence stain odor or cut

10350-10370 NO SPL to ALL LCM

10370-10380 SANDSTONE; continued as above, tight throughout. SHALE; varicolored, predominantly cavings.

10380-10400 very poor samples, predominantly LCM; trace SANDSTONE; light orange, firm to hard, trace loose quartz grains, no visible porosity, no fluorescence stain odor or cut. SHALE; varicolored continued as above.

10400-10420 SANDSTONE; white to red brown, to light orange, fine to very fine grained, subangular, moderately well sorted, well consolidated, slightly calcareous, tight, abundant loose medium to lower medium grained, well rounded, frost to clear quartz grains, no fluorescence stain odor or cut.

10420-10440 SANDSTONE; predominantly lsr very well rounded, medium grained frost to clear to yellow quartz grains. SHALE; dark gray to blk to green, firm to soft, platy, splintery, fissile, trace carbonaceous.

10440-10460 SANDSTONE; light orange to light brown to white, friable to firm fine grained occasional silty, slightly calcareous, tight. SHALE; black to dark gray to light green to red brown, firm, splintery, fissile commonly carbonaceous. VERY POOR SPL predominantly LCM.

10460-10480 SANDSTONE; light red orange to light yellow, firm to friable, fine to very fine grained, subangular, well sorted and consolidated, no to poor visible porosity, slightly calcareous, trace white friable subrounded. poor intrgr porosity no fluorescence stain odor or cut. SHALE; continued as above.

CARMEL 10,486'

10480-10500 SANDSTONE; bright orange to red orange, friable to firm, fine grained, commonly silty, slightly calcareous, tight no fluorescence stain odor or cut. SHALE; red orange to gray to black, soft to firm, splintery, fissile, occasional carbonaceous. BENTONITE: light gray to green to white, soft, very splintery, fluorescence, waxy.

10500-10520 SANDSTONE; continued as above, traces unconsolidated well rounded quartz grains.

NAVAJO? 10,522'

10520-10540 SANDSTONE; red orange to red brown to white, firm to hard, very fine grained to fine grained, subangular, moderately well sorted, well consolidated, slightly calcareous, trace white friable medium grained, no to poor visible porosity no fluorescence stain odor or cut SHALE; brown to red brown to black, soft, platy, subfissile.

10540-10560 SANDSTONE; red orange to white, continued as above, trace loose coarse grained well rounded quartz grains, no fluorescence stain odor or cut. SHALE; moderately distinct increase, black to gray to green to brown, firm, splintery, fissile, occasional carbonaceous.

SAMPLE DESCRIPTIONS

LITHOLOGY

10560-10580 SANDSTONE; red orange to white, firm to friable, very fine to lower medium grained, subrounded to subangular well sorted and consolidated, calcareous, no to poor visible porosity, no fluorescence stain odor or cut. SHALE; gray to black to brown, firm, blocky, commonly carbonaceous in part.

10580-10590 SANDSTONE; very light orange to pink to red orange, continued as above. SHALE; light green to light tan to very light gray, soft, very splintery, subwaxy to waxy, subfissile, rare variegated, BENTONITE; light brown, soft, subwaxy to waxy, fluorescence, occasional with very fine mica.

CARMEL 10,588'

10590-10610 SHALE; black to dark gray to brown, soft, splintery, subfissile to fissile, occasional carbonaceous, occasional light green to gray, waxy. BENTONITE; gray to green, soft, splintery, waxy, commonly fluorescence.

10610-10640 No Sample Emergency rig crew replacement

10640-10670 SANDSTONE; white to light orange, friable, fine to medium grained, subangular, well sorted and consolidated, slightly to no calcareous no to poor intrgr porosity, occasional red orange mineral inclusion, no fluorescence stain odor or cut. SHALE; black to gray to light green, firm, blocky to platy, subfissile, commonly carbonaceous, occasional very soft waxy texture. BENTONITE; light green, splintery, waxy, commonly fluorescence.

10670-10680 SANDSTONE; light orange to white to clear, friable to firm, fine to very fine grained, subangular, well sorted and consolidated, no visible porosity, no fluorescence stain odor or cut. SHALE; black to brown to dark gray, continued as above.

10680-10690 SHALE; brown to green to gray to black, firm to soft, platy to blocky, commonly carbonaceous. SANDSTONE; light orange to white to clear, firm to friable, tight continued as above, no fluorescence stain odor or cut

10690-10700 SANDSTONE; light orange to white, friable to firm, fine grained to very fine grained. well sorted and consolidated, no visible porosity, no fluorescence stain odor or cut. SHALE; continued as above.

TD @ 10,700' 6:55 AM, 4/27/07
E-Logs by Schlumberger

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML47566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT OR CA AGREEMENT NAME
Rock Spring Unit

8. WELL NAME and NUMBER:
Snowshoe 4-15-16-22

9. API NUMBER:
430193151

10. FIELD AND POOL, OR WILDCAT
Undesignated

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNW 15 16S 22E S

12. COUNTY
Grand

13. STATE
UTAH

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 _____

2. NAME OF OPERATOR:
Wind River II Corporation

3. ADDRESS OF OPERATOR: 7090 Union Park Ave., Suite 430 Salt Lake City, UT 84047 ZIP PHONE NUMBER: 801-566-5172

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 576 fnl & 257 fwl
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

14. DATE SPUNDED: 03/28/2007 15. DATE T.D. REACHED: 04/28/2007 16. DATE COMPLETED: 8/01/2014 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 7,412 GL / 7,428 RKB

18. TOTAL DEPTH: MD 10,706 TVD 10,706 19. PLUG BACK T.D.: MD 9,942 TVD 9,942 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Schlumberger Platform Express: Array Induction, Lithodensity, Comp Neutron, GR, SP, BHC Sonic, Spectral GR & Cement Bond Log

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 (#ft.)	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 J55	36.0	Surface	3,602		1,350sx V	403	Surface	
7-7/8	4-1/2 P110	11.6	Surface	10,638	Lead:	1152 sx	205	2,068 N2	foamed 11
						50:50 Poz			ppg
					Tail:	Last 115 sx		7,340 no	foam
						50:50 Poz			

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	9,289							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Tununk-Coon Spc	9,340	9,423	same	same	9,344-45	21gm	3	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Dakota Sand	9,423	9,547	same	same	9,435-52	21gm	27	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Cedar Mountain	9,547	9,689	same	same	9,550-78	21gm	24	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.

WAS WELL HYDRAULICALLY FRACTURED? YES NO IF YES -- DATE FRACTURED: 7/22/14 & 7/25/14

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,340-9,547	CO2 Foam Frac- 6,818 gal 2% KCl w/ 10,863 gal 70Q CO2 & 42,783# 20/40 CarbLt
9,550-9,578	CO2 Foam Frac- 6,968 gal 2% KCL w/ 9,260 gal 70Q CO2 & 50,066# 20/40 CarboLt

29. ENCLOSED ATTACHMENTS: ELECTRICAL/MECHANICAL LOGS SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

GEOLOGIC REPORT CORE ANALYSIS DST REPORT DIRECTIONAL SURVEY OTHER: Mud Log

30. WELL STATUS:
SI waiting on tank battery construction

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.)

To be sold into Red Rock Gathering Co. system

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:

See attached sheet

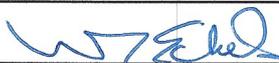
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Entrada	10,268	10,295	Lost 100 bbl mud into sandstone		

35. ADDITIONAL REMARKS (Include plugging procedure)

Cedar Mtn frac (9,547-9,689 screened out at start of 4 ppg proppant. Cleaned out to 9,942, which is now PBTD.

Well was flowed back commingled at 483 Mcfgpd and 96 BWPD w/ about 600 BLW left to recover. Will file amended report with production data after well is equipped.

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 Agent
SIGNATURE  DATE 09/25/2014

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

5-2-07

WIND RIVER II CORPORATION**SNOWSHOE 4-15-16-22****Open Hole Log Formation Tops Per Jake Henderson, Gregg Smith & Marc Eckels****Schlumberger Logs Run 4-28-07: Platform Express
BHC Sonic
Spectral GR**

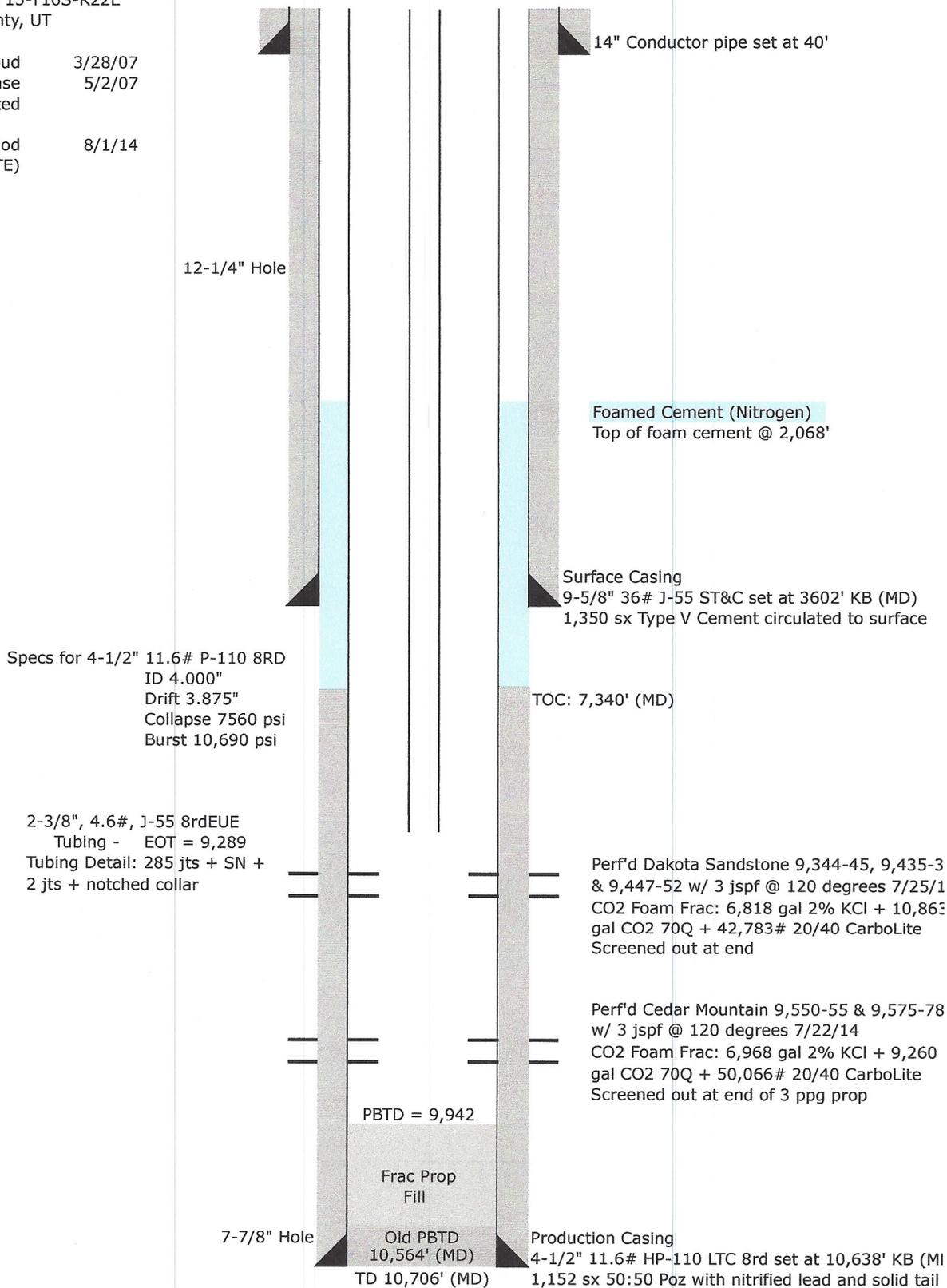
Formation	Depth
Green River	Surface
Wasatch	1,811
Mesaverde	3,330
Neslen	4,800
Upper Segó SS	5,344
Lower Segó SS	5,452
Buck Tongue	5,482
Castlegate SS	5,554
Mancos Shale	5,846
Bluegate	5,919
Mancos "B"	6,304
Mancos Marker	8,864
Mancos "Show"	9,088
Dakota Silt (Coon Springs)	9,340
Dakota SS	9,423
Cedar Mountain	9,547
Buckhorn	9,631
Morrison	9,689
Salt Wash	9,847
Tidwell	9,886
Summerville	10,126
Curtis	10,166
Entrada	10,207
Carmel	10,486
Navajo???	10,522
TD	10,706

Snowshoe 4-15-16-22

NWNW Sec 15-T16S-R22E
Grand County, UT

Spud 3/28/07
Rig Release 5/2/07
Completed

Last Mod 8/1/14
(by MTE)



Specs for 4-1/2" 11.6# P-110 8RD
ID 4.000"
Drift 3.875"
Collapse 7560 psi
Burst 10,690 psi

2-3/8", 4.6#, J-55 8rdEUE
Tubing - EOT = 9,289
Tubing Detail: 285 jts + SN +
2 jts + notched collar

Perf'd Dakota Sandstone 9,344-45, 9,435-3
& 9,447-52 w/ 3 jspf @ 120 degrees 7/25/14
CO2 Foam Frac: 6,818 gal 2% KCl + 10,863
gal CO2 70Q + 42,783# 20/40 CarboLite
Screened out at end

Perf'd Cedar Mountain 9,550-55 & 9,575-78
w/ 3 jspf @ 120 degrees 7/22/14
CO2 Foam Frac: 6,968 gal 2% KCl + 9,260
gal CO2 70Q + 50,066# 20/40 CarboLite
Screened out at end of 3 ppg prop

PBTD = 9,942

Frac Prop
Fill

Old PBTD
10,564' (MD)
TD 10,706' (MD)

Production Casing
4-1/2" 11.6# HP-110 LTC 8rd set at 10,638' KB (MI)
1,152 sx 50:50 Poz with nitrified lead and solid tail

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: ML47566	
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	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: SNOWSHOE 4-15-16-22		
2. NAME OF OPERATOR: WIND RIVER II CORPORATION	9. API NUMBER: 43019315100000		
3. ADDRESS OF OPERATOR: 1245 E Brickyard Rd Ste 110 , Salt Lake City, UT, 84106	PHONE NUMBER: 801 466-4131 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0576 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 15 Township: 16.0S Range: 22.0E 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: 3/26/2015 <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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Date of First Production: March 26, 2015, 11 am. Natural gas flow rate throttled back to 100 Mcfgpd per request of Summit Mid- stream pipeline operator) until gas meets CO2 spec.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 28, 2015			
NAME (PLEASE PRINT) Marc Eckels	PHONE NUMBER 435 901-4217	TITLE Agent	
SIGNATURE N/A	DATE 4/28/2015		

STAT F UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
 (highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

a. 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 Rock Spring Unit	
b. TYPE OF WORK:	NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER _____
8. NAME OF OPERATOR:	Wind River II Corporation				9. API NUMBER: 430193151	
3. ADDRESS OF OPERATOR:	7090 Union Park Ave., Suite 430 Salt Lake City, UT 84047 ZIP		PHONE NUMBER: 801-566-5172		10. FIELD AND POOL, OR WILDCAT Undesignated	
1. LOCATION OF WELL (FOOTAGES)	AT SURFACE: 576 fwl & 257 fwl				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 15 16S 22E S	
	AT TOP PRODUCING INTERVAL REPORTED BELOW: Same					
	AT TOTAL DEPTH: Same					

4. DATE SPUDDED: 03/28/2007	15. DATE T.D. REACHED: 04/28/2007	16. DATE COMPLETED: 8/01/2014	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 7,412 GL / 7,428 RKB
8. TOTAL DEPTH: MD 10,706 TVD 10,706	19. PLUG BACK T.D.: MD 9,942 TVD 9,942	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
2. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Schlumberger Platform Express: Array Induction, Lithodensity, Comp Neutron, GR, SP, BHC Sonic, Spectral GR & Cement Bond Log			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)		

4. 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
12-1/4	9-5/8 J55	36.0	Surface	3,602		1,350sx V	403	Surface	
7-7/8	4-1/2 P110	11.6	Surface	10,638	Lead:	1152 sx	205	2,068 N2	foamed 11
						50:50 Poz			ppg
					Tail:	Last 115 sx		7,340 no	foam
						50:50 Poz			

5. 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	9,289							

6. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
1) Tununk-Coon Spc	9,340	9,423	same	same	9,344-45	21gm	3	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
2) Dakota Sand	9,423	9,547	same	same	9,435-52	21gm	27	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
3) Cedar Mountain	9,547	9,689	same	same	9,550-78	21gm	24	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
4)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

WAS WELL HYDRAULICALLY FRACTURED? YES NO IF YES -- DATE FRACTURED: 7/22/14 & 7/25/14

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,340-9,547	CO2 Foam Frac- 6,818 gal 2% KCl w/ 10,863 gal 70Q CO2 & 42,783# 20/40 CarbLt
9,550-9,578	CO2 Foam Frac- 6,968 gal 2% KCL w/ 9,260 gal 70Q CO2 & 50,066# 20/40 CarboLt

10. ENCLOSED ATTACHMENTS: <input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input checked="" type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> OTHER: Mud Log	<input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS: Producing SI waiting on tank battery construction
--	---	---	---	--

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 03/26/2015	TEST DATE: 04/01/2015	HOURS TESTED: 24	TEST PRODUCTION RATES: !	OIL - BBL: 0	GAS - MCF: 525	WATER - BBL: 18*	PROD. METHOD: Flowing			
CHOKE SIZE: 8/64"	TBG. PRESS. 850psi	CSG. PRESS. 950psi	API GRAVITY	BTU - GAS 1030	GAS/OIL RATIO	24 HR PRODUCTION RATES: !	OIL - BBL: 0	GAS - MCF: 525	WATER - BBL: 18	INTERVAL STATUS: open

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.)

To be sold into Red Rock Gathering Co. system

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:

See attached sheet

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Entrada	10,268	10,295	Lost 100 bbl mud into sandstone		

35. ADDITIONAL REMARKS (Include plugging procedure)

Cedar Mtn frac (9,547-9,689 screened out at start of 4 ppg proppant. Cleaned out to 9,942, which is now PBTD.
Well was flowed back commingled at 483 Mcf/gpd and 96 BWPD w/ about 600 BLW left to recover. Will file amended report with production data after well is equipped.

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 Agent
SIGNATURE  DATE 09/25/2014 Amended 04/28/2015

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