

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

FORM APPROVED OMB NO. 1040-0138 Expires: February 28, 1995

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

Form with 23 numbered sections: 1. TYPE OF WORK (DRILL, DEEPEN), 2. NAME OF OPERATOR (QEP Uinta Basin, Inc.), 3. ADDRESS (11002 E. 17500 S. Vernal, Ut 84078), 4. LOCATION OF WELL (585' FSL, 1978' FEL, SW1/4E, SECTION 18, T8S, R21E), 5. LEASE DESIGNATION AND SERIAL NO. (UTU-68219), 6. IF INDIAN, ALLOTTEE OR TRIBE NAME (UTE TRIBAL), 7. UNIT AGREEMENT NAME (N/A), 8. FARM OR LEASE NAME, WELL NO. (WVX 15W-18-8-21), 9. API WELL NO. (43-047-35323), 10. FIELD AND POOL, OR WILDCAT (UNDESIGNATED), 11. SEC., T, R, M, OR BLK & SURVEY OR AREA (SW1/4E, SECTION 18, T8S, R21E), 12. COUNTY OR PARISH (UINTAH), 13. STATE (UT), 14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\* (12 +/- miles East of Ouray, Utah), 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (585 +/-), 16. NO. OF ACRES IN LEASE (880), 17. NO. OF ACRES ASSIGNED TO THIS WELL (40), 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, APPLIED FOR, ON THIS LEASE, FT. (1500 +/-), 19. PROPOSED DEPTH (9450'), 20. BLM/BIA Bond No. on file (ESB000024), 21. ELEVATIONS (Show whether DF, RT, GR, ect.) (4664' KB), 22. DATE WORK WILL START (ASAP), 23. Estimated duration (10 DAYS).

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). 4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED John Busch Name (Printed) JOHN BUSCH 27-Oct-03

TITLE OPERATIONS SUPERVISOR

PERMIT NO. 43-047-35323 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to the rights in the subject lease which would entitle the applicant to conduct operations thereon DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY [Signature] TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 10-30-03

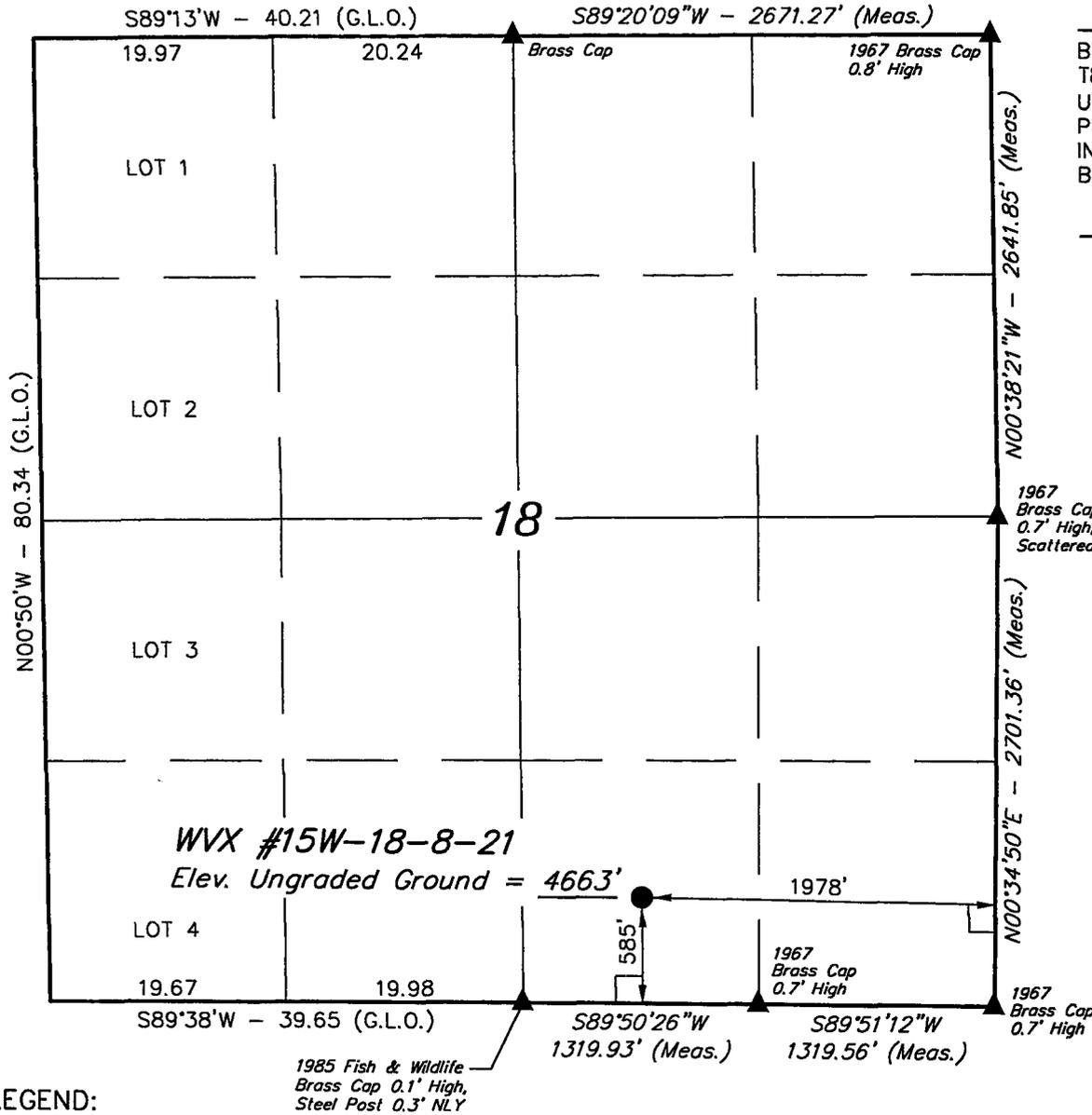
\*See Instructions On Reverse Side Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONFIDENTIAL

# T8S, R21E, S.L.B.&M.

## QUESTAR EXPLORATION & PRODUCTION

Well location, WVX #15W-18-8-21, located as shown in the SW 1/4 SE 1/4 of Section 18, T8S, R21E, S.L.B.&M. Uintah County, Utah.

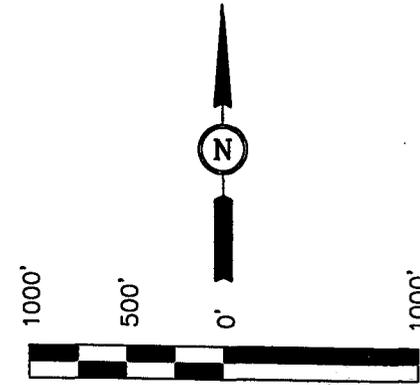


### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

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



SCALE

### CERTIFICATE

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

*Robert H. Gray*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

### LEGEND:

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

(NAD 83)  
 LATITUDE = 40°07'02.57" (40.117381)  
 LONGITUDE = 109°35'41.90" (109.594972)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-23-03	DATE DRAWN: 09-29-03
PARTY D.A. R.D. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

**Additional Operator Remarks**

QEP, Uinta Basin Inc. proposes to drill a well to 9450" to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

Please see QEP, Uinta Basin Inc. (Shenandoah Energy Inc.) Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that QEP, Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP, Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

**CONFIDENTIAL**

QEP Uinta Basin, Inc.  
WVX 15W-18-8-21

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Depth</i>
Uinta	Surface
Green River	2524
Mahogany Ledge	3419
Wasatch	6049
TD (Wasatch)	9450

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Oil/Gas	Mesa Verde	9450

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3780.0 psi.

CONFIDENTIAL

QEP UINTA BASIN, INC.  
WVX 15W-18-8-21  
S 585' FSL, 1978' FEL  
SW 1/4, SECTION 18, T8S, R21E  
UINTAH COUNTY, UTAH  
LEASE # UTU-68219

ONSHORE ORDER NO. 1

MULTI - POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 12 miles East of Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 - Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin, Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see QEP Uinta Basin, Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

CONFIDENTIAL

**6. Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**7. Methods of Handling Waste Materials:**

Please see QEP Uinta Basin, Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**8. Ancillary Facilities:**

Please see QEP Uinta Basin, Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

**10. Plans for Reclamation of the Surface:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Tribe  
PO Box 190  
Ft. Duchesne, UT 84026  
(435) 722-5141

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

**CONFIDENTIAL**

**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



John Busch

Red Wash Operations Representative

27-Oct-03

Date

**CONFIDENTIAL**

# QUESTAR EXPLR. & PROD.

## WVX #15W-18-8-21

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 18, T8S, R21E, S.L.B.&M.

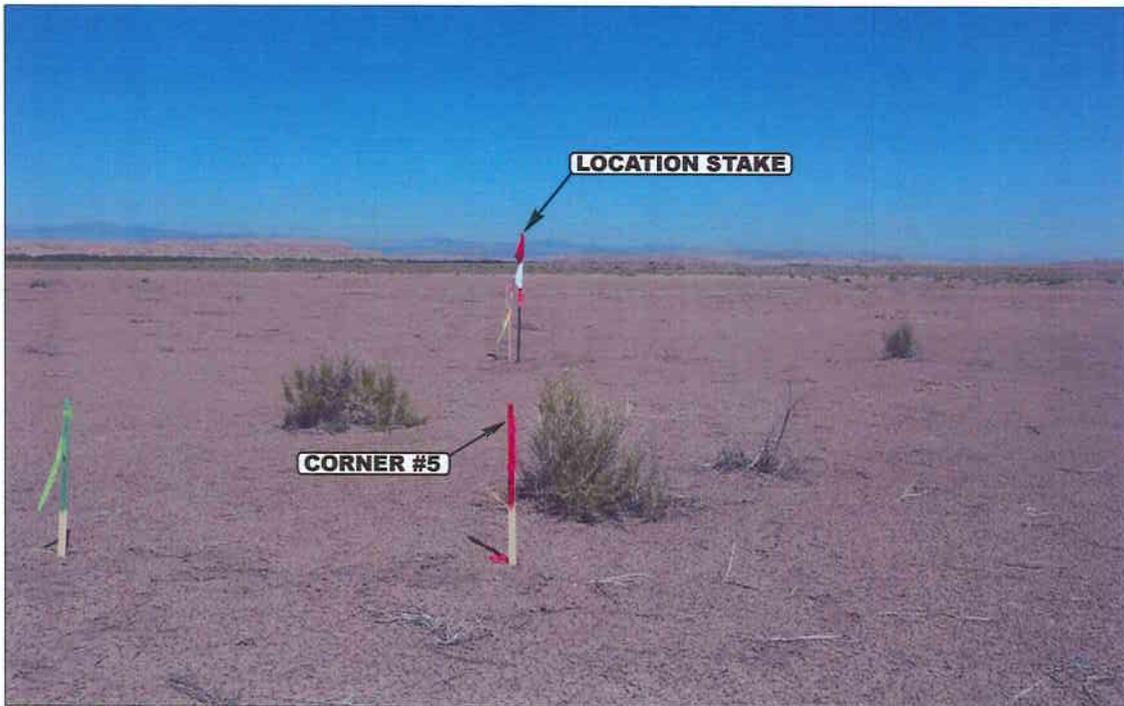


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS	09	25	03	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.A.	DRAWN BY: P.M.		REVISED: 00-00-00	

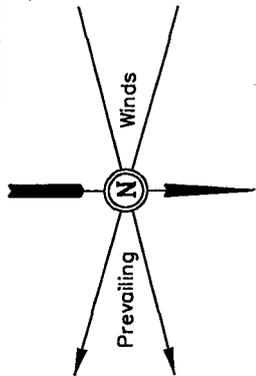
CONFIDENTIAL

# QUESTAR EXPLORATION & PRODUCTION

FIGURE #1

## LOCATION LAYOUT FOR

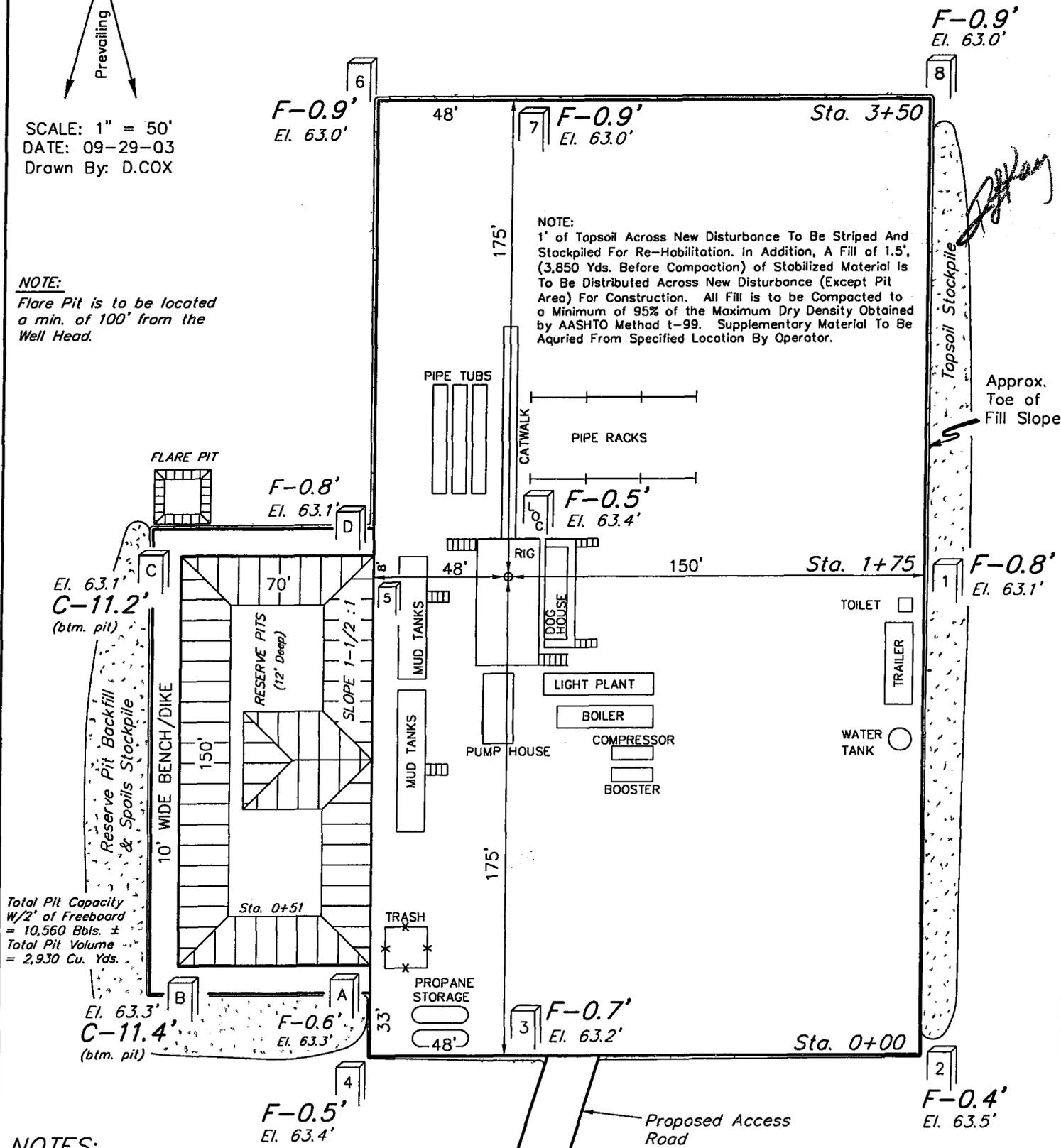
WVX #15W-18-8-21  
SECTION 18, T8S, R21E, S.L.B.&M.  
585' FSL 1978' FEL



SCALE: 1" = 50'  
DATE: 09-29-03  
Drawn By: D.COX

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

**NOTE:**  
1' of Topsoil Across New Disturbance To Be Striped And Stockpiled For Re-Habilitation. In Addition, A Fill of 1.5' (3,850 Yds. Before Compaction) of Stabilized Material Is To Be Distributed Across New Disturbance (Except Pit Area) For Construction. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99. Supplementary Material To Be Acquired From Specified Location By Operator.



Total Pit Capacity  
W/2' of Freeboard  
= 10,560 Bbls. ±  
Total Pit Volume  
= 2,930 Cu. Yds.

**NOTES:**  
Elev. Ungraded Ground At Loc. Stake = 4663.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4663.9'

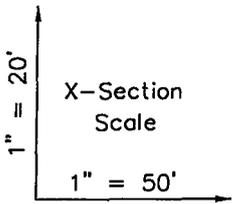
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# QUESTAR EXPLORATION & PRODUCTION

FIGURE #2

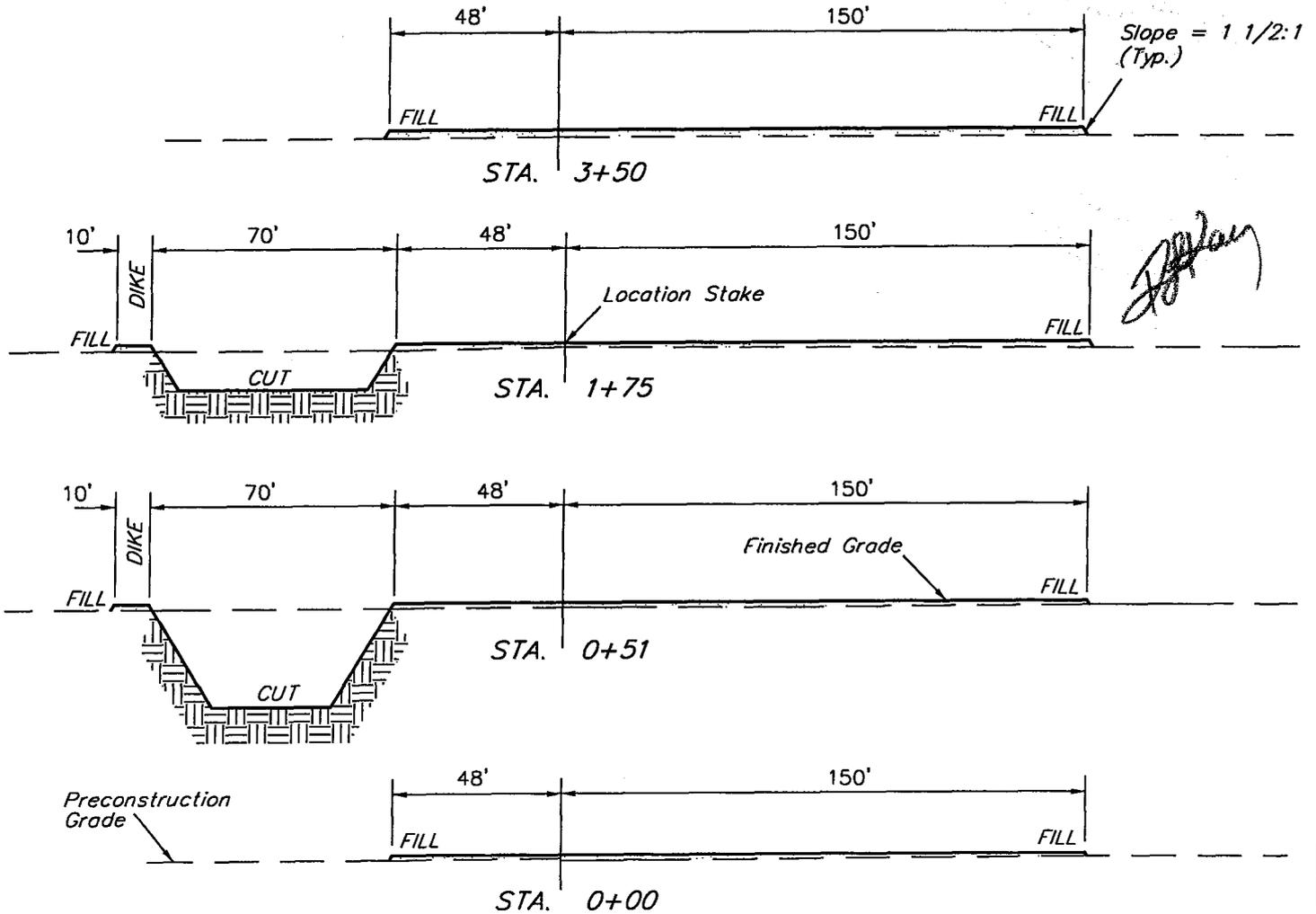
## TYPICAL CROSS SECTIONS FOR

WVX #15W-18-8-21  
SECTION 18, T8S, R21E, S.L.B.&M.  
585' FSL 1978' FEL



DATE: 09-29-03  
Drawn By: D.COX

NOTE: Cross Sections Shown Are For Completed Construction Of Location At Finished Grade.



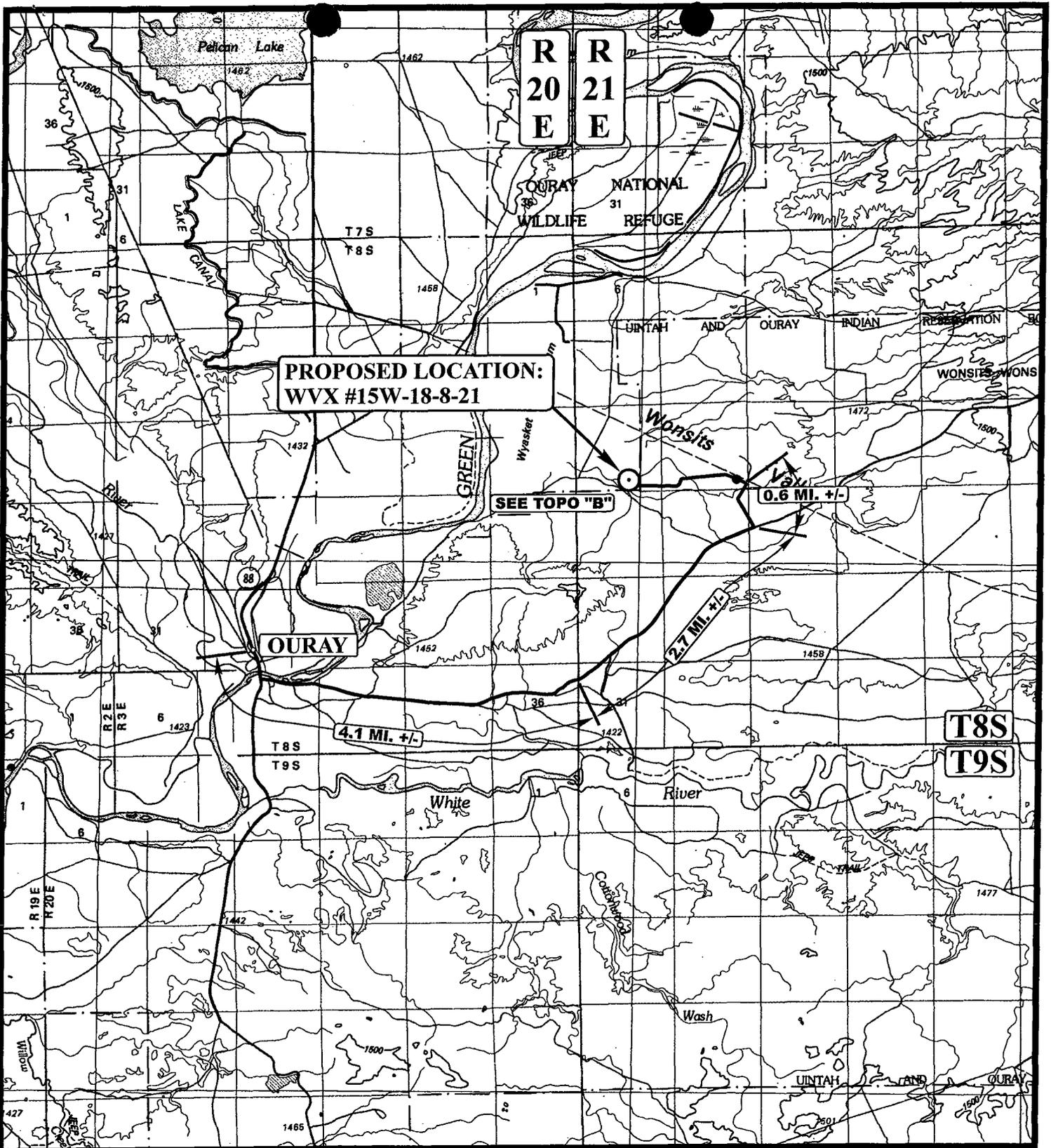
NOTE:  
1' of Topsoil Across New Disturbance To Be Striped And Stockpiled For Re-Habilitation. In Addition, A Fill of 1.5', (3,850 Yds. Before Compaction) of Stabilized Material Is To Be Distributed Across New Disturbance (Except Pit Area) For Construction. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99. Supplementary Material To Be Acquired From Specified Location By Operator.

### APPROXIMATE YARDAGES

CUT		
(12") Topsoil Stripping	=	3,070 Cu. Yds.
Remaining Location	=	2,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>5,840 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>550 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	5,260 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,530 Cu. Yds.
EXCESS UNBALANCE (To Be Stockpiled For Rehabilitation)	=	720 Cu. Yds.
(1.5') Additional Stabilized Material Required	=	3,850 Cu. Yds.

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



**PROPOSED LOCATION:  
WVX #15W-18-8-21**

**SEE TOPO "B"**

**0.6 MI. +/-**

**2.7 MI. +/-**

**4.1 MI. +/-**

**LEGEND:**

⊙ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

**WVX #15W-18-8-21  
SECTION 18, T8S, R21E, S.L.B.&M.  
585' FSL 1978' FEL**



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

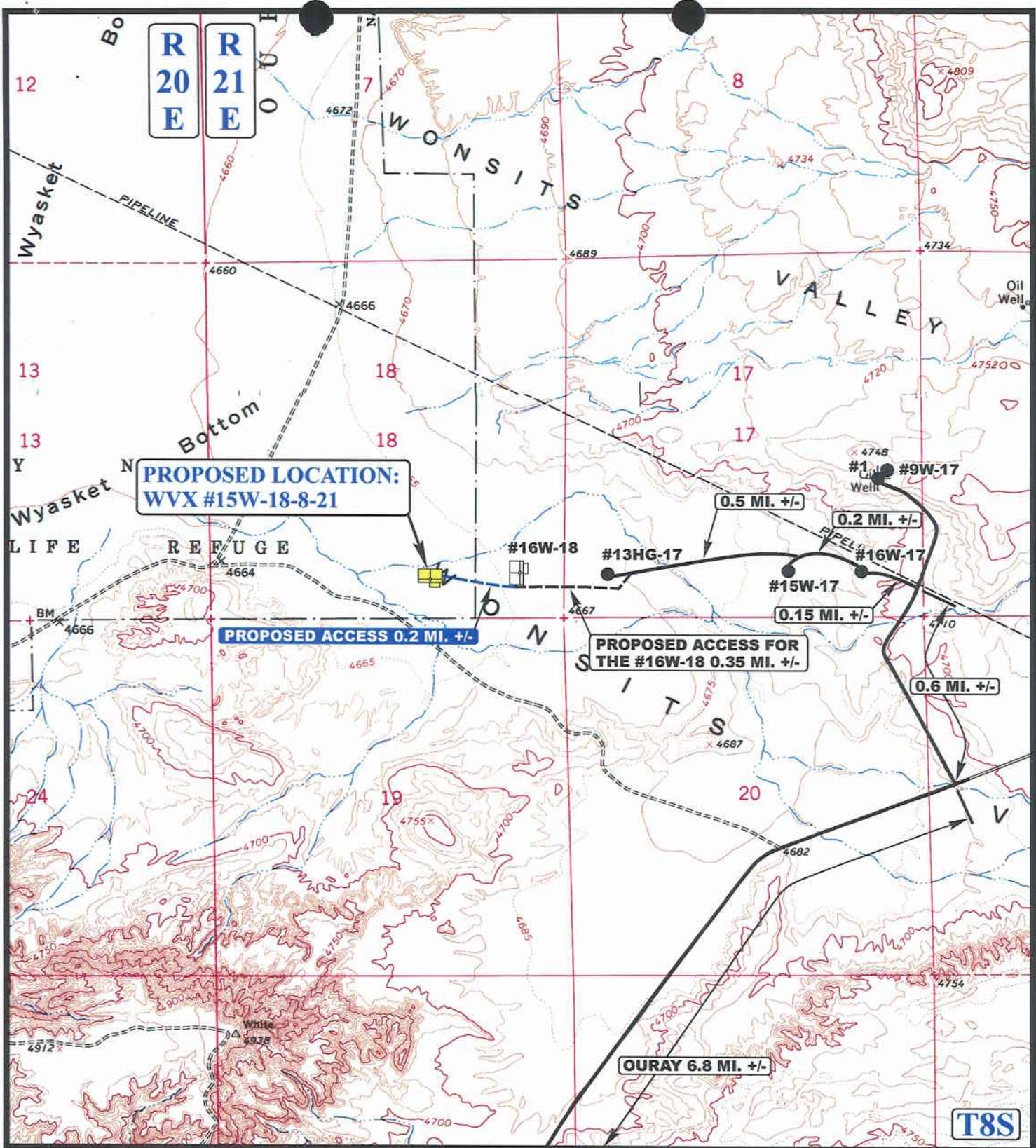


**TOPOGRAPHIC  
MAP**

**09 25 03**  
MONTH DAY YEAR

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





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



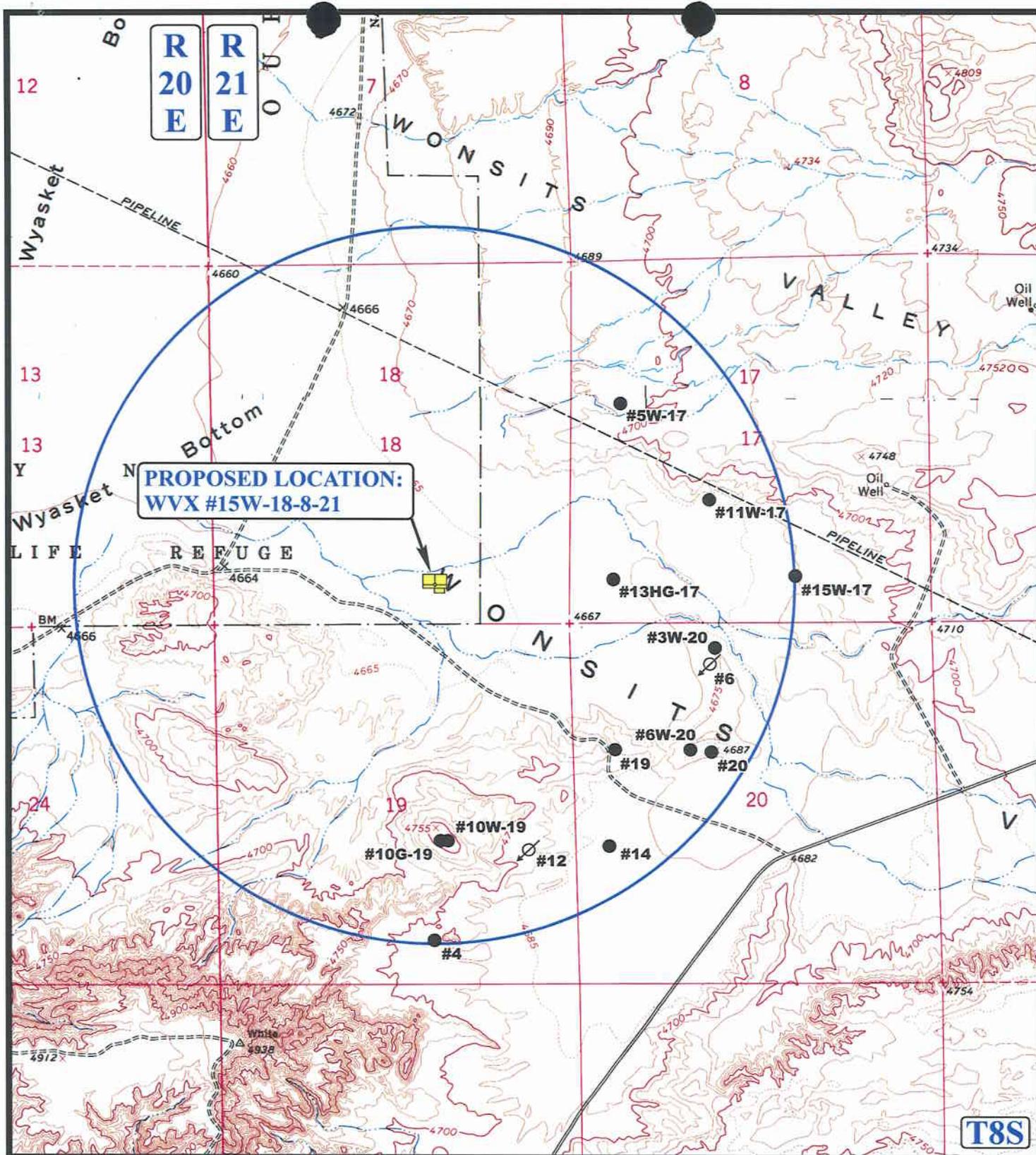
**QUESTAR EXPLR. & PROD.**

**WVX #15W-18-8-21**  
**SECTION 18, T8S, R21E, S.L.B.&M.**  
**585' FSL 1978' FEL**

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

**TOPOGRAPHIC MAP** 09 25 03  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**B**  
 TOPO



**PROPOSED LOCATION:  
WVX #15W-18-8-21**

**LEGEND:**

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



**QUESTAR EXPLR. & PROD.**

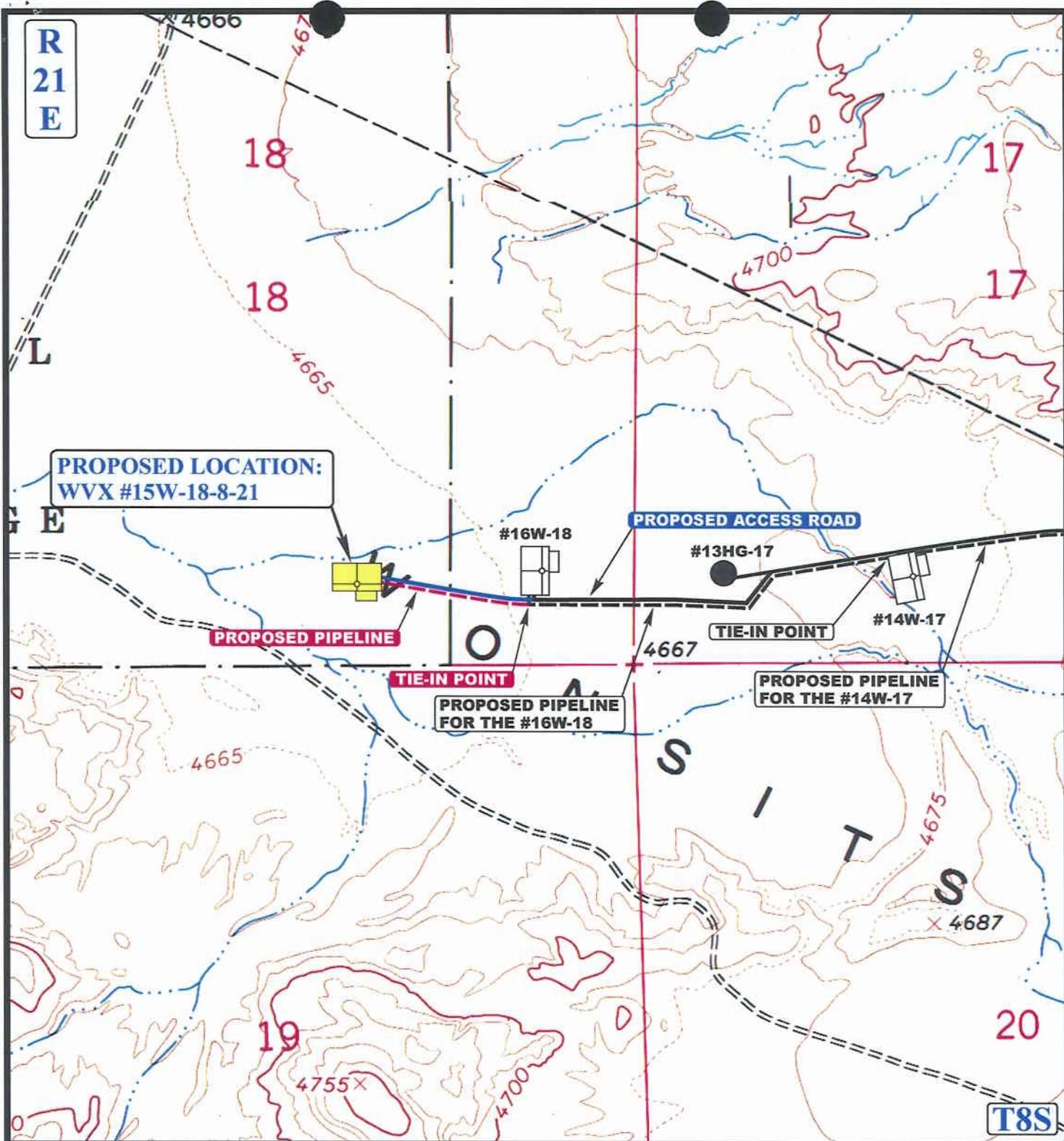
**WVX #15W-18-8-21  
SECTION 18, T8S, R21E, S.L.B.&M.  
585' FSL 1978' FEL**



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

**TOPOGRAPHIC MAP** 09 25 03  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,175' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

**WVX #15W-18-8-21**  
**SECTION 18, T8S, R21E, S.L.B.&M.**  
**585' FSL 1978' FEL**

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



**TOPOGRAPHIC MAP** 09 24 03  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00 **D TOPO**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/29/2003

API NO. ASSIGNED: 43-047-35323

WELL NAME: WVX 15W-18-8-21  
OPERATOR: QEP UINTA BASIN, INC. ( N2460 )  
CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:  
SWSE 18 080S 210E  
SURFACE: 0585 FSL 1978 FEL  
BOTTOM: 0585 FSL 1978 FEL  
UINTAH  
UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-68219  
SURFACE OWNER: 2 - Indian

LATITUDE: 40.11758

PROPOSED FORMATION: MVRD

LONGITUDE: 109.59439

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit  
(No. 43-8496 )

RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )

Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit \_\_\_\_\_

R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

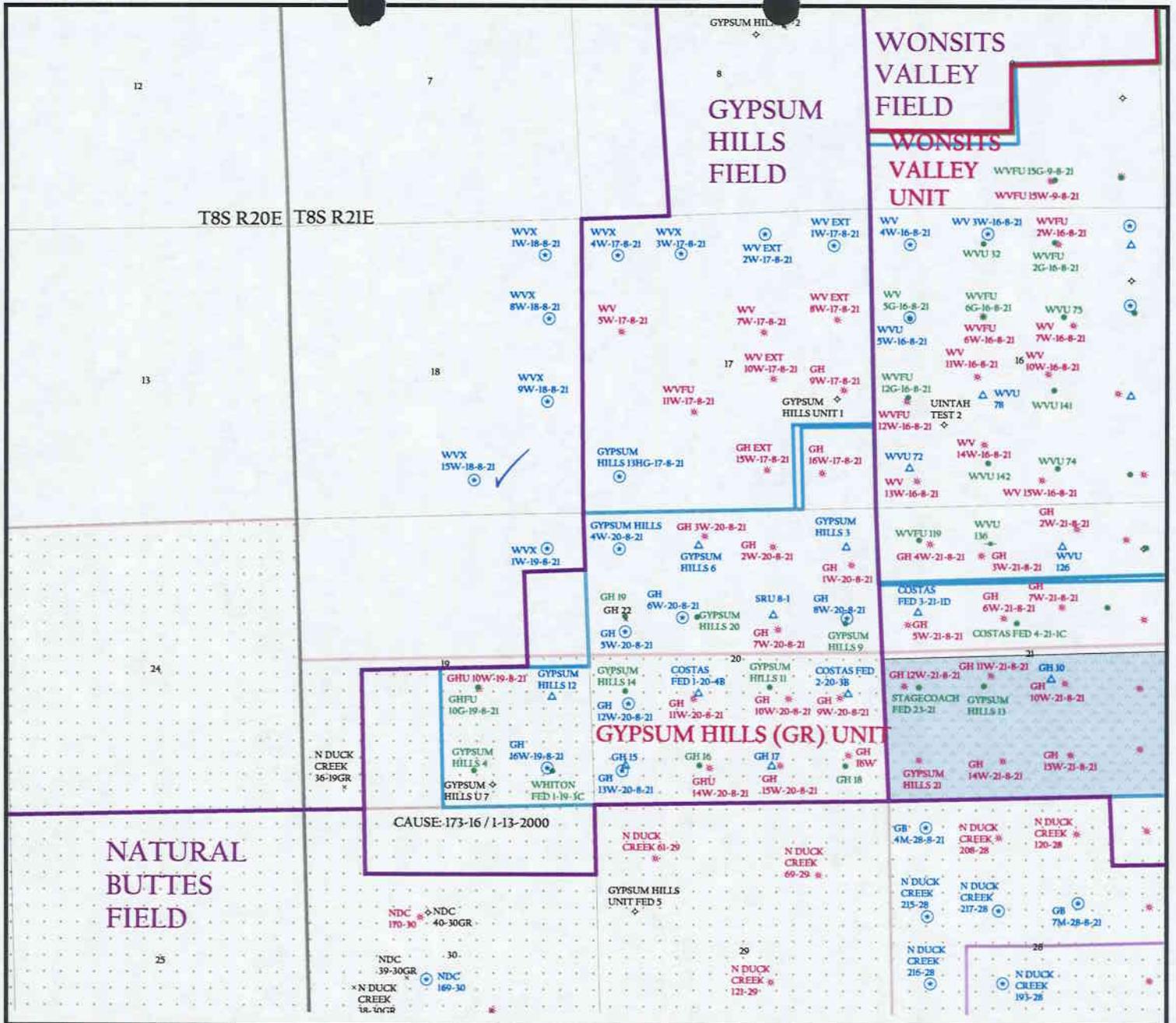
\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

COMMENTS: Sop, Seperate file

STIPULATIONS: 1- Federal approval  
2- Spacing Strip



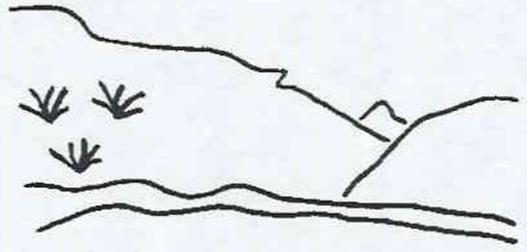
OPERATOR: QEP UINTA BASIN (N2460)

SEC. 18 T.8S, R.21E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

- Wells**
- 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

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

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



PREPARED BY: DIANA WHITNEY  
DATE: 30-OCTOBER-2003



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

October 30, 2003

QEP Uinta Basin, Inc.  
11002 E. 17500 S.  
Vernal, UT 84078

Re: WVX 15W-18-8-21 Well, 585' FSL, 1978' FEL, SW SE, Sec. 18, T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35323.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: QEP Uinta Basin, Inc.  
Well Name & Number WVX 15W-18-8-21  
API Number: 43-047-35323  
Lease: UTU-68219

Location: SW SE                      Sec. 18                      T. 8 South                      R. 21 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

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

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.

RECEIVED

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 10 2003  
BLM VERNAL, UTAH

005

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME N/A	
TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. WVX 15W-18-8-21	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. API WELL NO. 43,047,35323	
2. NAME OF OPERATOR QEP Uinta Basin, Inc.		Contact: John Busch E-Mail: john.busch@questar.com	
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		Telephone number Phone 435-781-4341 Fax 435-781-4323	
10. FIELD AND POOL, OR WILDCAT UNDESIGNATED		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SWNE, SECTION 18, T8S, R21E SWSE	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 585' FSL, 1978' FEL, SWSE, SECTION 18, T8S, R21E At proposed production zone		12. COUNTY OR PARISH UINTAH	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 12 +/- miles East of Ouray, Utah		13. STATE UT	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 585'+/-		16. NO. OF ACRES IN LEASE 880	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 1500' +/-		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4664' KB		19. PROPOSED DEPTH 9450'	
24. Attachments		20. BLM/BIA Bond No. on file ESB000024	
		22. DATE WORK WILL START ASAP	
		23. Estimated duration 10 DAYS	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

RECEIVED

SIGNED John Busch Name (Printed) JOHN BUSCH 27-Oct-03

AUG 02 2004

TITLE OPERATIONS SUPERVISOR

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED [Signature] TITLE Assistant Field Manager Mineral Resources

DATE 07/29/2004

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONDITIONS OF APPROVAL ATTACHED CONFIDENTIAL

049510517

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: QEP Uintah Basin Inc.

Well Name & Number: WVX 15W-18-8-21

API Number: 43-047-35323

Lease Number: U-68219

Location: SWSE Sec. 18, T.8S R. 21E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Casing Program and Auxiliary Equipment

The production casing proposed in Wasatch SOP (4 1/2" 11.6 lb/ft J-55 ) will not meet the minimum design criteria for the collapse Safety Factor. A casing grade with a higher collapse rating will be required for the lower portion of the hole.

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supercede the requirement for submittal of paper logs to the BLM.**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

QEP Uinta Basin, Inc. (QEP) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All QEP personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

QEP employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

QEP employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

QEP will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). QEP shall receive written notification of authorization or denial of the requested modification. Without authorization, QEP will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. QEP shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline. QEP is to inform contractors to keep construction of the pipelines within the approved right of ways.

A ROW, 30 feet wide and 1118 feet long, shall be granted by BIA for the new access road. A corridor ROW, 30 feet wide and 1093 feet long, shall be granted for the pipeline construction. About 458 feet of the ROWs are located within the Ouray Wildlife Refuge on Tribal Lands leased by the Refuge. The constructed, travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

The location of the storage production tanks for this well must be off Refuge leased lands (kept on the east side of the Boundary fence).

The gate on the boundary fence must be kept locked. It must be constructed to the height of the fence. It will be used to prevent horse trespass.

The access road shall enter the pad from the east to minimize road construction and disturbance within the Refuge.

Surface disturbance must be kept to a minimum and the well site must be kept clean. Any and all spills of contaminants must be reported to the Refuge Manager within 24 hours of discovery. Temporary pits are permissible, but permanent pits are not permitted.

Drilling is authorized under the Refuge Special Use Permit to take place during the period of August 1, 2004 to August 1, 2005. The Refuge Manager will be contacted and his authorization will be required regarding any requested modifications to the Special Use Permit.

Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, QEP will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

QEP will implement "Safety and Emergency Plan" and ensure plan compliance.

QEP shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

QEP employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

QEP will control noxious weeds on the well site and ROWs. QEP will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled, to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads. They shall be pulled into place and assembled with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, QEP will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.

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

006

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-68219
2. NAME OF OPERATOR: QEP UINTA BASIN, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 585' FSL 1978' FEL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 18 8S 21E STATE: UTAH		8. WELL NAME and NUMBER: WVX 15W-18-8-21
		9. API NUMBER: 4304735323
		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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>APD EXTENSION</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.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the WVX 15W-18-8-21.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 08-30-04  
By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 9-1-04  
Initials: CBO

NAME (PLEASE PRINT) John Busch TITLE Operations  
SIGNATURE *John Busch* DATE 8/24/2004

(This space for State use only)

RECEIVED  
AUG 27 2004  
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-35323  
**Well Name:** WVX 15W-18-8-21  
**Location:** 585' FSL 1978' FEL SWSE SEC 18 T8S R21E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 10/30/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

John Bussell  
Signature

8/24/2004  
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

RECEIVED  
AUG 27 2004  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

RECEIVED  
JUN 13 2005  
By \_\_\_\_\_

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator: QEP UINTA BASIN, INC.    Contact: Jan Nelson  
 Email: Jan.Nelson@questar.com

3. Address and Telephone No  
 11002 E. 17500 S. VERNAL, UT 84078-8526    (435) 781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SWSE 585' FSL 1978' FEL SECTION 18, T8S, R21E

UTU-68219

6. If Indian, Allottee or Tribe Name  
 UTE TRIBE

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 WVX 15W-18-8-21

9. API Well No.  
 43-047-35323

10. Field and Pool, or Exploratory Area  
 UNDESIGNATED

11. County or Parish, State  
 UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>APD Extension</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the WVX 15W-18-8-21.

RECEIVED  
SEP 09 2005  
DIV. OF OIL, GAS & MINING

**CONDITIONS OF APPROVAL ATTACHED**

14. I hereby certify that the foregoing is true and correct.  
 Signed Jan Nelson Title Regulatory Affairs Analyst Date 06/09/2005

(This space for Federal or State office use)  
 Approved by: Matt Baker Title Petroleum Engineer Date 6/9/05

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UDOGM

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-35323  
**Well Name:** WVX 15W-18-8-21  
**Location:** SWSE 585' FSL 1978' FEL SEC. 18, T8S, R21E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 7/29/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

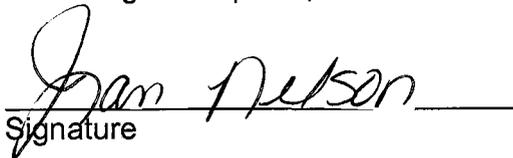
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

6/13/2005  
Date

Title: Regulatory Affairs Analyst

Representing: QEP UINTA BASIN, INC.

# CONDITIONS OF APPROVAL

## QEP Uinta Basin Inc.

### Notice of Intent APD Extension

**Lease:** UTU-68219  
**Well:** WVX 15W-18-8-21  
**Location:** SWSE Sec 18-T8S-R21E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 07/29/06
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-68219

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
UTE TRIBE

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:  
N/A

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
WVX 15W-18-8-21

2. NAME OF OPERATOR:  
QEP UINTA BASIN, INC.

9. API NUMBER:  
4304735323

3. ADDRESS OF OPERATOR:  
11002 E. 17500 S. CITY VERNAL STATE UT ZIP 80478

PHONE NUMBER:  
(435) 781-4331

10. FIELD AND POOL, OR WILDCAT:  
UNDESIGNATED

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 585' FSL 1978' FEL

COUNTY: UINTAH, UTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 18 8S 21E

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 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"/> 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>APD EXTENSION</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.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the WVX 15W-18-8-21.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-20-05  
By: *[Signature]*

COPIES SENT TO OPERATOR  
Date: 9-22-05  
Initials: *[Signature]*

NAME (PLEASE PRINT) Jan Nelson

TITLE Regulatory Affairs

SIGNATURE *[Signature]*

DATE 9/13/2005

(This space for State use only)

RECEIVED  
SEP 15 2005  
DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-35323  
**Well Name:** WVX 15W-18-8-21  
**Location:** SWSE, 585' FSL, 1978' FEL, SEC. 18, T8S, R21E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 10/30/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

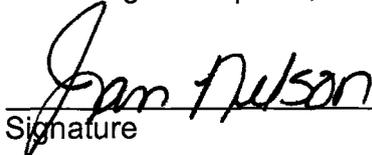
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

9/13/2005  
Date

Title: REGULATORY AFFAIRS

Representing: QEP UINTA BASIN, INC.

RECEIVED  
SEP 15 2005  
DIV. OF OIL, GAS & MINING

Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

WVX 15W-18-8-21

9. API Well No.

43-047-35323

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Jan Nelson

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

435-781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

585' FSL 1978' FEL SWSE SECTION 18, T8S, 21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			<b>NAME CHANGE</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to change the name of the WVX 15W-18-8-21 to GH 15ML-18-8-21.

This sundry replaces the name change that was filed on June 1, 2006.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Signature

Title

Regulatory Affairs

Date

June 20, 2006

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUN 22 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
**UTU-68219**

6. If Indian, Allottee or Tribe Name  
**UTE TRIBE**

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
~~WVX 15ML 18-8-21~~  
**GH 15ML-18-8-21**

9. API Well No.  
**43-047-35323**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**QEP, UINTA BASIN, INC.**

3. Address and Telephone No. **11002 E. 17500 S. VERNAL, UT 84078-8526**  
Contact: **Dahn.Caldwell@questar.com**  
**435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**585' FSL, 1978' FEL, SWSE, SEC 18-T8S-R21E**

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

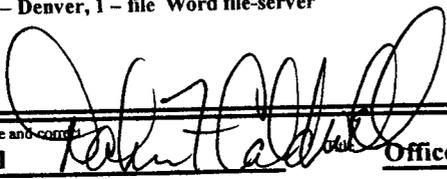
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SPUD</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

14. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**On 6/28/06 - Drilled 40' of 20" conductor hole. Ran 1 jt 40' of 14" conductor pipe. Cement w/ Ready Mix.**

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.  
Signed **Dahn F. Caldwell**  **Office Administrator II** Date **7/3/06**

(This space for Federal or State office use)  
Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUL 06 2006

CONFIDENTIAL

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: QEP Uinta Basin, Inc.  
ADDRESS: 11002 East 17500 South  
Vernal, Utah 84078-8526

OPERATOR ACCT. No. N-2460

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	15483	43-047-35323	<del>WVX 15ML 18-8-21-</del> GH 15ML 18-8-21	SWSE	18	8S	21E	Uintah	6/28/2006	7/6/06

WELL 1 COMMENTS: *mVRD*

**CONFIDENTIAL**

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- 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)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

  
Signature

Office Administrator II      7/03/06  
Title      Date

Phone No. (435)781-4342

**RECEIVED**

**JUL 06 2006**

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

WVX 15W-18-8-21

9. API Well No.

43-047-35323

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Jan Nelson

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

435-781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

585' FSL 1978' FEL SWSE SECTION 18, T8S, 21E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <u>TD CHANGE</u>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to drill this well to the Mesa Verde formation. The proposed TD was 9450', the new proposed TD will be 11,975'. Please refer to attached drilling plan.

- Uinta - Surface
- Green River - 2641'
- Mahogany - 3456'
- Wasatch - 6071'
- Mesaverde - 9331'
- Sego - 11,833'
- TD - 11,975'

**Federal Approval of this Action is Necessary**

Approved by the  
Division of  
Oil, Gas and Mining

Date: 06-05-06  
By: [Signature]

QEP Uinta Basin, Inc. proposes to change the well name from WVX 15W-18-8-21 to WVX 15ML-18-8-21.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)	Title
Jan Nelson	Regulatory Affairs
Signature	Date
<u>[Signature]</u>	June 1, 2006

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
	<u>[Signature]</u>	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

JUN 05 2006

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Uinta	Surface
Green River	2,641'
Mahogany	3,456'
Wasatch	6,071'
Mesaverde	9,331'
Sego	11,833'
TD	11,975'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<b><u>Substance</u></b>	<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Gas	Wasatch	6,071'
Gas	Mesaverde	9,331'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

DRILLING PROGRAM

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment:**

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

**4. Casing Program**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	450'	36.0	J-55	STC	New
8-3/4"	7"	sfc	4,500'	26.0	N-80	LTC	New
6-1/8"	4-1/2"	sfc	11,975'	11.6	HCP-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	N-80	LTC	5,410 psi	7,240 psi	519,000 lb.
4-1/2"	11.6 lb.	HCP-110	LTC	8,650 psi	10,690 psi	279,000 lb.

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 11.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1500' to TD  
GR-SP-Induction  
Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/Mesaverde interval, final determination of completion will be made by analysis of logs.  
Stimulation: Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

**14" Conductor:**

Cement to surface with construction cement.

**9-5/8" Surface Casing: sfc - 450' (MD)**

**Lead/Tail Slurry:** 0' – 450'. 240 sks (280 cu ft) Premium AG cement + 2% CaCl<sub>2</sub> + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**7" Intermediate Casing: sfc - 4,500' (MD)**

**Lead Slurry:** 0' – 4,000'. 230 sks (890 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 4,000' – 4,500'. 90 sks (110 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

**4-1/2" Production Casing: sfc - 11,975' (MD)**

**Lead Slurry:** 0' - 5,600'. 175 sks (675 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% excess in open hole section.

**Tail Slurry:** 5,600' – 11,975'. 970 sks (1205 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% excess.

ONSHORE OIL & GAS ORDER NO. 1  
QEP UINTA BASIN, INC.  
WVX 15ML-18-8-21

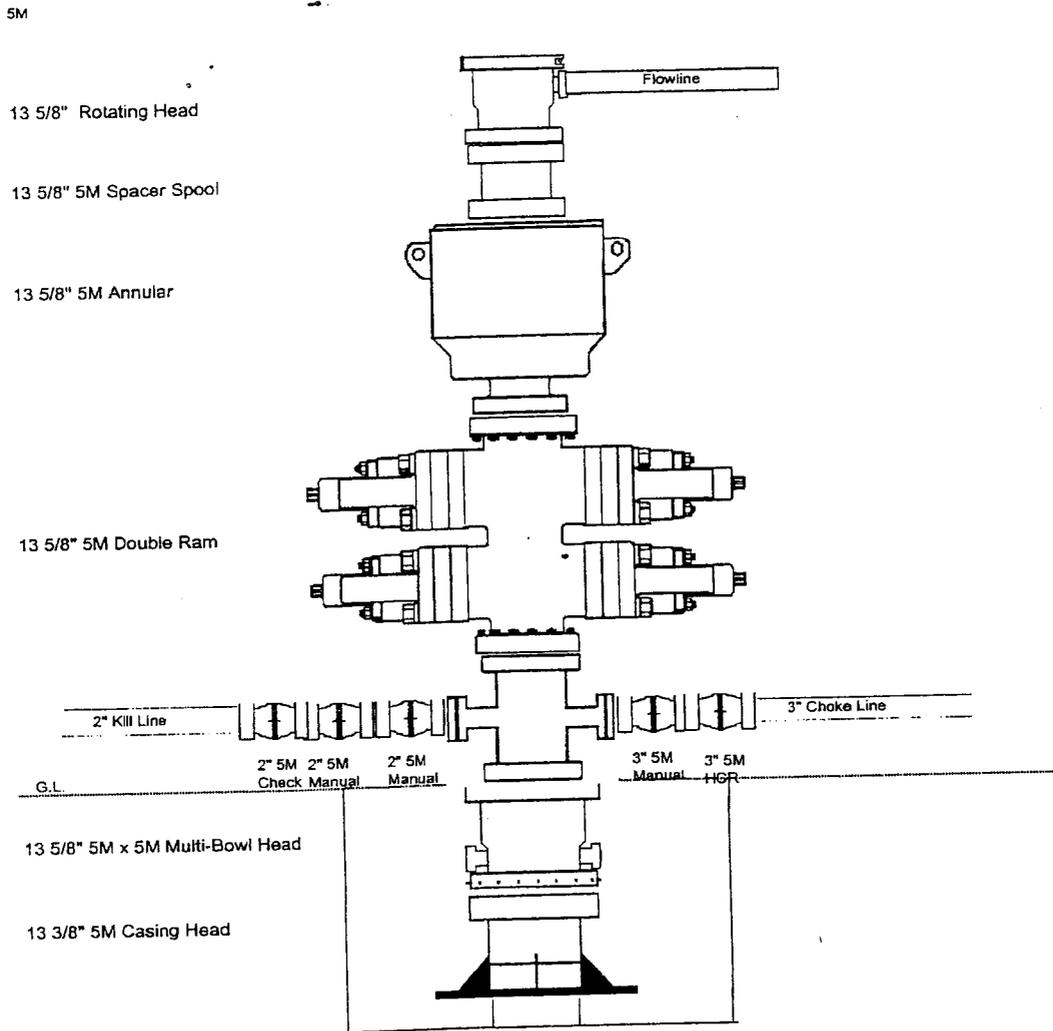
## DRILLING PROGRAM

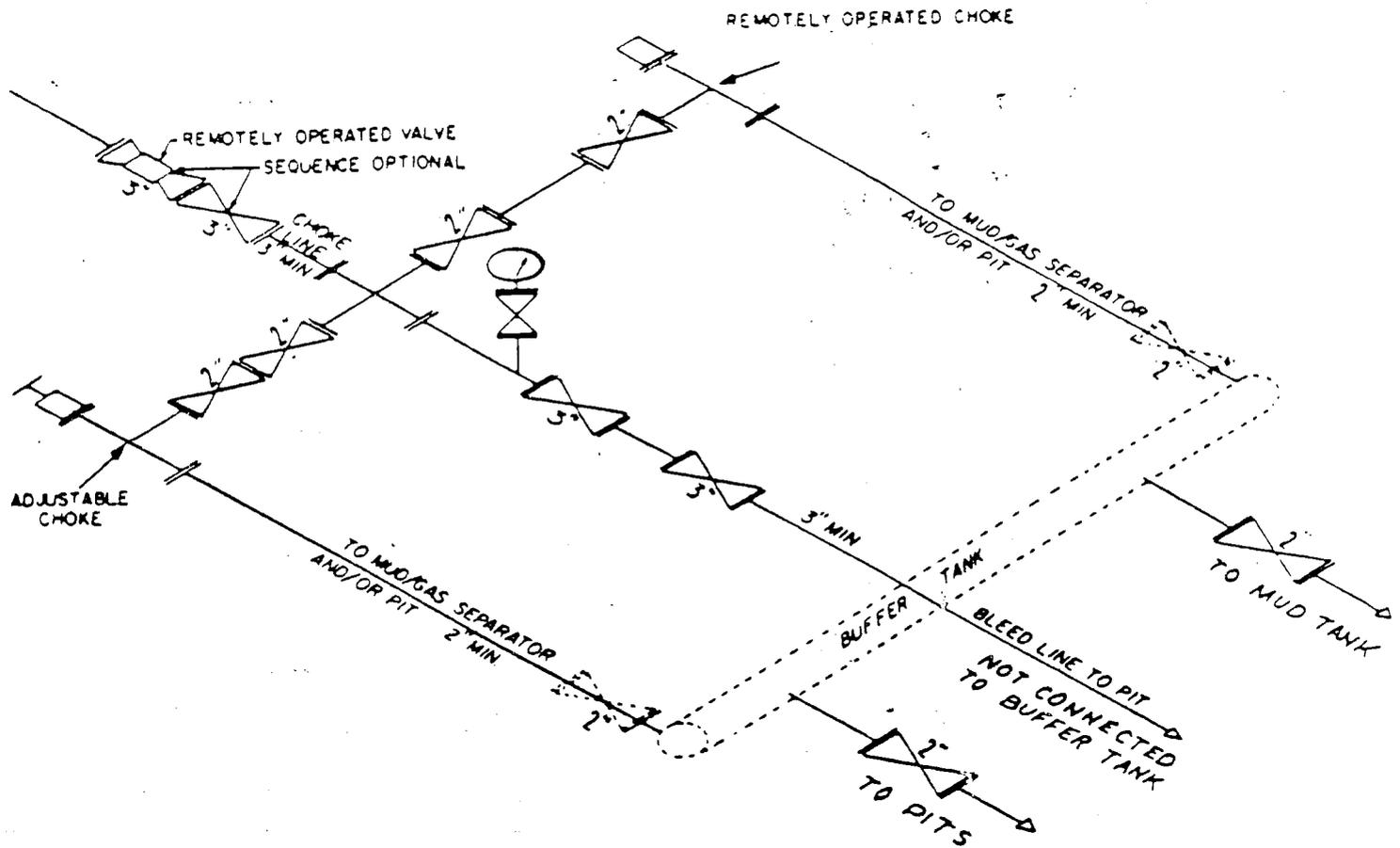
\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

### 8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 7,150 psi. Maximum anticipated bottom hole temperature is 225° F.

EXHIBIT B  
SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK





② 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

UTE-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBAL

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

GH 15ML-18-8-21

9. API Well No.

43-047-35323

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

Utah

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Steven Hall

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-672-6919

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

585' FSL, 1978' FEL, SWSE, Section 18, T8S, R21E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP UNITA BASIN, INC. WISHES TO CHANGE THE INTERMEDIATE CASING SETTING DEPTH AND CEMENT PROGRAM. QEP WISHES TO CHANGE THE CURRENT SETTING DEPTH FOR THE 7" INTERMEDIATE CASING FROM 4,500' TO 7,800' TO COVER UP POTENTIAL LOSS CIRCULATION ZONES. ATTACHED IS A NEW 8-POINT PLAN SHOWING THE NEW SETTING DEPTH AND CEMENT PROGRAM.

QEP PLANS TO SPUD THIS WELL ON OR AROUND SEPTEMBER 20,2006.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Title

Regulatory Affairs

Signature

Date

August 23, 2006

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

AUG 25 2006

UTAH DIVISION OF OIL, GAS & MINING

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth, TVD</u>
Uinta	Surface
Green River	2,641'
Mahogany	3,456'
Wasatch	6,071'
Mesaverde	9,331'
Sego	11,833'
TD	11,975'

**2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>
Gas	Wasatch	6,071'
Gas	Mesaverde	9,331'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of the State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

3. **Operator's Specification for Pressure Control Equipment:**

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. **Casing Program**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	450'	36.0	J-55	STC	New
8-3/4"	7"	sfc	7,800'	26.0	L-80	LTC	New
6-1/8"	4-1/2"	sfc	11,975'	11.6	HCP-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	L-80	LTC	5,410 psi	7,240 psi	511,000 lb.
4-1/2"	11.6 lb.	HCP-110	LTC	8,650 psi	10,690 psi	279,000 lb.

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 11.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1500' to TD  
GR-SP-Induction  
Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/Mesaverde interval, final determination of completion will be made by analysis of logs.  
Stimulation: Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

**14" Conductor:**

Cement to surface with construction cement.

**9-5/8" Surface Casing: sfc - 450' (MD)**

**Lead/Tail Slurry:** 0' – 450'. 240 sks (280 cu ft) Premium AG cement + 2% CaCl<sub>2</sub> + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**7" Intermediate Casing: sfc - 7,800' (MD)**

**Lead Slurry:** 0' – 5,800'. 335 sks (1295 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 5,800' – 7,800'. 365 sks (455 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

**4-1/2" Production Casing: sfc - 11,975' (MD)**

**Lead Slurry:** 0' - 5,800'. 160 sks (615 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% excess in open hole section.

**Tail Slurry:** 5,800' – 11,975'. 800 sks (995 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% excess.

DRILLING PROGRAM

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 7,150 psi. Maximum anticipated bottom hole temperature is 225° F.

EXHIBIT B  
SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

5M

13 5/8" Rotating Head

13 5/8" 5M Spacer Spool

13 5/8" 5M Annular

13 5/8" 5M Double Ram

2" Kill Line

3" Choke Line

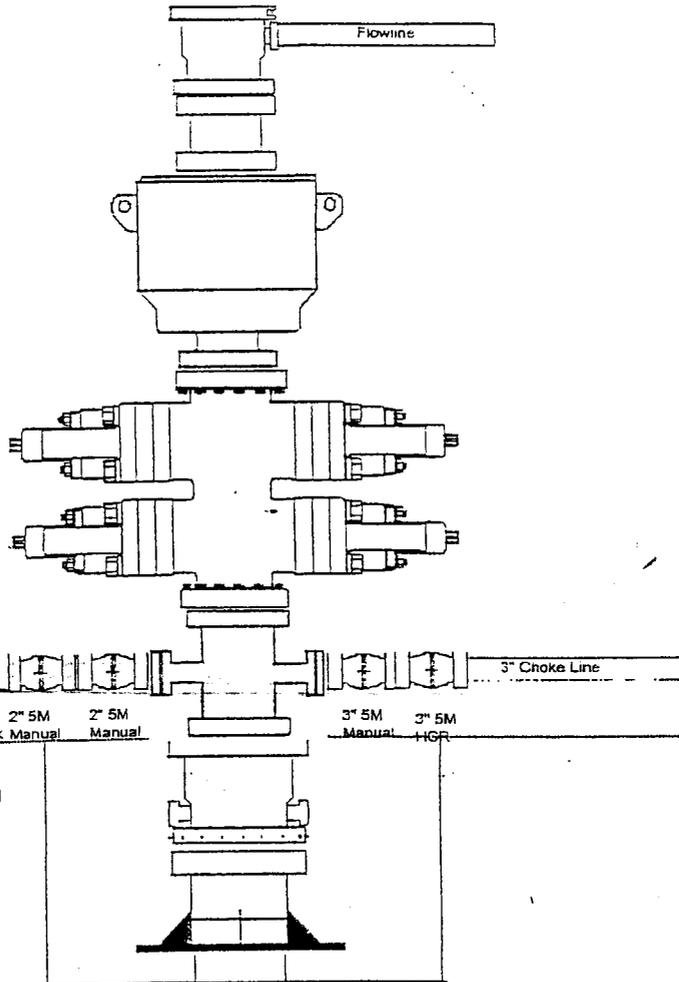
G.L.

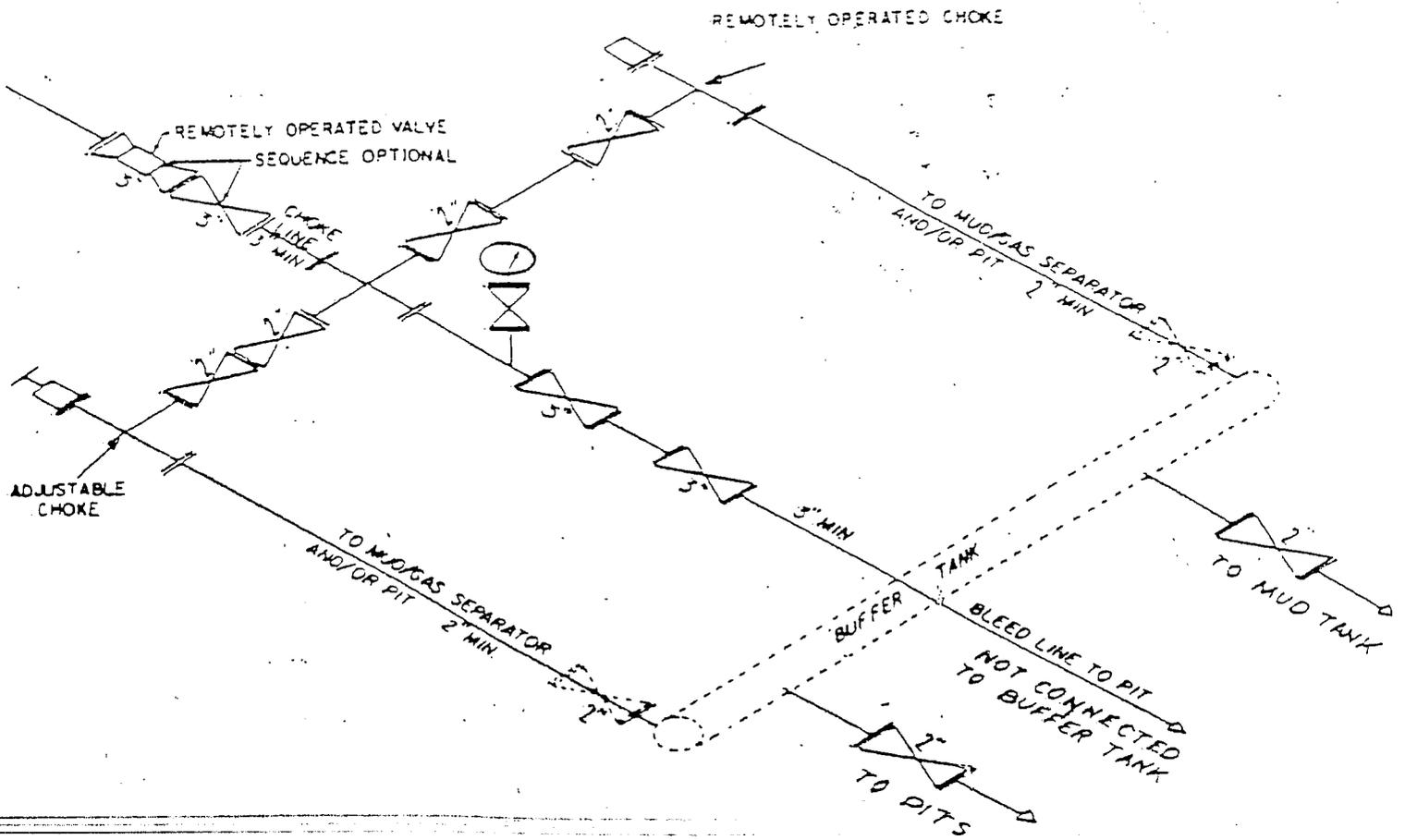
2" 5M Check Manual 2" 5M Manual

3" 5M Manual 3" 5M HCR

13 5/8" 5M x 5M Multi-Bowl Head

13 3/8" 5M Casing Head





② 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.  
**UTU-68219**  
6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**N/A**

8. Well Name and No.  
**WX 15ML-18-8-21**

9. API Well No.  
**43-047-35323**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

11. County or Parish, State  
**UINTAH**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**QEP Uinta Basin, Inc.** Contact: **Darryl Knop**

3a. Address **11002 East 17500 South, Vernal, UT 84078**  
3b. Phone No. (include area code) **435-828-0394**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**585' FSL 1978' FEL SWSE SECTION 18, T8S, 21E**

**CONFIDENTIAL**

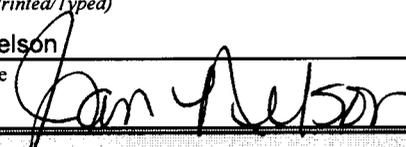
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Name Change</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**QEP Uinta Basin, Inc. proposes to change the well name from WX 15ML-18-8-21 to GH 15ML-18-8-21.**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) <b>Jan Nelson</b>	Title <b>Regulatory Affairs</b>
Signature 	Date <b>October 3, 2006</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**OCT 10 2006**

**DIV. OF OIL, GAS & MINING**

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

CA No.		Unit:		GYPSUM HILLS UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
GYPSUM HILLS UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GYPSUM HILLS 3	GH 3	NENE	20	080S	210E	4304720002	5355	Federal	WI	A
GYPSUM HILLS 4	GH 4	SWSE	19	080S	210E	4304730028	5355	Federal	OW	P
GYPSUM HILLS 6	GH 6	NENW	20	080S	210E	4304730099	5251	Federal	WI	A
COSTAS FED 1-20-4B	GH 1-20	NESW	20	080S	210E	4304731006	5355	Federal	WI	A
WHITON FED 1-19-3C	GH 1-19	SESE	19	080S	210E	4304731065	5355	Federal	OW	P
COSTAS FED 2-20-3B	GH 2-20	NESE	20	080S	210E	4304731066	5355	Federal	WI	A
STAGECOACH FED 23-21	GH 23-21	NWSW	21	080S	210E	4304731541	5355	Federal	OW	P
COSTAS FED 3-21-1D	GH 3-21	SWNW	21	080S	210E	4304731604	5355	Federal	WI	A
COSTAS FED 4-21-1C	GH 4-21	SENE	21	080S	210E	4304731826	5355	Federal	OW	P
COSTAS FED 5-21-2C	GH 5-21	SENE	21	080S	210E	4304731827	5355	Federal	OW	P
SRU 8-I	GH 8-I	SWNE	20	080S	210E	4304731932	5355	Federal	WI	A
GYPSUM HILLS 9	GH 9	SENE	20	080S	210E	4304732304	5355	Federal	OW	P
GYPSUM HILLS 10	GH 10	NWSE	21	080S	210E	4304732306	5355	Federal	WI	A
GYPSUM HILLS 12	GH 12	NESE	19	080S	210E	4304732458	5355	Federal	WI	A
GYPSUM HILLS 11	GH 11	NWSE	20	080S	210E	4304732459	5355	Federal	OW	P
GYPSUM HILLS 13	GH 13	NESW	21	080S	210E	4304732460	5355	Federal	OW	P
GYPSUM HILLS 14	GH 13	NWSW	20	080S	210E	4304732647	5355	Federal	OW	P
GYPSUM HILLS 15	GH 15	SWSW	20	080S	210E	4304732648	5355	Federal	WI	A
GYPSUM HILLS 17	GH 17	SWSE	20	080S	210E	4304732649	5355	Federal	WI	A
GYPSUM HILLS 18	GH 18	SESE	20	080S	210E	4304732650	5355	Federal	OW	P
GYPSUM HILLS 19	GH 19	SWNW	20	080S	210E	4304732651	5355	Federal	OW	P
GYPSUM HILLS 20	GH 20	SENE	20	080S	210E	4304732652	5355	Federal	OW	P
GYPSUM HILLS 16	GH 16	SESW	20	080S	210E	4304732675	5355	Federal	OW	P
GHU 10W-19-8-21	GH 10W-19-8-21	NWSE	19	080S	210E	4304733528	12736	Federal	GW	P
GH 10G-19-8-21	GH 10G-19-8-21	NWSE	19	080S	210E	4304733566	5355	Federal	OW	P
WVFU 11W-17-8-21	WV 11W-17-8-20	NESW	17	080S	210E	4304733912	13228	Federal	GW	P
WV 5W-17-8-21	WV 5W-17-8-21	SWNW	17	080S	210E	4304733954	13332	Federal	GW	P
WV 7W-17-8-21	WV 7W-17-8-21	SWNE	17	080S	210E	4304733956	13330	Federal	GW	P
GH 9W-17-8-21	GH 9W-17-8-21	NESE	17	080S	210E	4304734150	13392	Federal	GW	P
GH 16W-17-8-21	GH 16W-17-8-21	SESE	17	080S	210E	4304734156	13354	Federal	GW	P
WV EXT 10W-17-8-21	WVX 10W-17-8-20	NWSE	17	080S	210E	4304734561	13744	Federal	GW	P
GH EXT 15W-17-8-21	GHX 15W-17-8-20	SWSE	17	080S	210E	4304734562	13674	Federal	GW	P
GYPSUM HILLS 13HG-17-8-21	GHX 13HG-17-8-21	SWSW	17	080S	210E	4304734723	5355	Federal	OW	S
GH 1G-17-8-21	GH 1G-17-8-21	NENE	17	080S	210E	4304734927	5355	Federal	OW	P
WV EXT 2W-17-8-21	WVX 2W-17-8-20	NWNE	17	080S	210E	4304734928	14253	Federal	GW	P
WV EXT 8W-17-8-21	WVX 8W-17-8-20	SENE	17	080S	210E	4304734929	13792	Federal	GW	P
GH 4MU-20-8-21	GH 4MU-20-8-21	NWNW	20	080S	210E	4304735068	14213	Federal	GW	P
GYPSUM HILLS 13MU-20-8-21	GH 13MU-20-8-20	SWSW	20	080S	210E	4304735070	14817	Federal	GW	P
GH 5W-20-8-21	GH 5W-20-8-21	SWNW	20	080S	210E	4304735097	14557	Federal	GW	P
WVX 3MU-17-8-21	WVX 3MU-17-8-21	NENW	17	080S	210E	4304735318	14113	Federal	GW	P
GH 15ML-18-8-21	GH 15ML-18-8-21	SWSE	18	080S	210E	4304735323	15483	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
GYPSUM HILLS UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GH 1ML-19-8-21	GH 1ML-19-8-21	NENE	19	080S	210E	4304735324	14824	Federal	GW	P
GH 16W-19-8-21	GH 16W-19-8-21	SESE	19	080S	210E	4304735325	14823	Federal	GW	DRL
WVX 14MU-17-8-21	WVX 14MU-17-8-21	SESW	17	080S	210E	4304735369	14098	Federal	GW	P
WVX 12MU-17-8-21	WVX 12MU-17-8-21	NWSW	17	080S	210E	4304735370	15108	Federal	GW	P
WVX 8MU-19-8-21	WVX 8MU-19-8-21	SENE	19	080S	210E	4304735372	14241	Federal	GW	P
GH 10ML-18-8-21	GH 10ML-18-8-21	NWSE	18	080S	210E	4304735391	15482	Federal	GW	P
GH 8G-17-8-21	GH 8G-17-8-21	SENE	17	080S	210E	4304737992	5355	Federal	OW	DRL
GH 16G-17-8-21	GH 16G-17-8-21	SESE	17	080S	210E	4304737993	5355	Federal	OW	DRL
WVX 1MU-17-8-21	WVX 1MU-17-8-21	NENE	17	080S	210E	4304738156		Federal	GW	APD
GH 8MU-20-8-21	GH 8-20-8-21	SENE	20	080S	210E	4304738157		Federal	GW	APD
WVX 13MU-17-8-21	WVX 13MU-17-8-21	SWSW	17	080S	210E	4304738188		Federal	GW	APD
WVX 6MU-17-8-21	WVX 6MU-17-8-21	SENE	17	080S	210E	4304738189		Federal	GW	APD
WVX 4MU-17-8-21	WVX 4MU-17-8-21	NWNW	17	080S	210E	4304738190		Federal	GW	APD
WVX 16MU-18-8-21	WVX 16MU-18-8-21	SESE	18	080S	210E	4304738191		Federal	GW	APD
GH 2MU-19-8-21	GH 2MU-19-8-21	NWNE	19	080S	210E	4304738192		Federal	GW	APD
GH 3MU-19-8-21	GH 3MU-19-8-21	NENW	19	080S	210E	4304738250		Federal	GW	APD
GH 4MU-19-8-21	GH 4MU-19-8-21	NWNW	19	080S	210E	4304738264		Federal	GW	APD
GH 5MU-19-8-21	GH 5MU-19-8-21	SWNW	19	080S	210E	4304738265		Federal	GW	APD
GH 6MU-19-8-21	GH 6MU-19-8-21	SENE	19	080S	210E	4304738266		Federal	GW	APD
GH 7MU-19-8-21	GH 7D-19-8-21	SWNE	19	080S	210E	4304738267		Federal	GW	APD
GH 11MU-19-8-21	GH 11MU-19-8-21	NESW	19	080S	210E	4304738268		Federal	GW	APD
GH 12MU-19-8-21	GH 12MU-19-8-21	NWSW	19	080S	210E	4304738269		Federal	GW	APD
GH 15MU-19-8-21	GH 15MU-19-8-21	SWSE	19	080S	210E	4304738270		Federal	GW	APD
GH 14MU-19-8-21	GH 14MU-19-8-21	SESW	19	080S	210E	4304738472		Federal	GW	APD
WVX 1MU-18-8-21	WVX 1MU-18-8-21	NENE	18	080S	210E	4304738659		Federal	GW	APD
WVX 9MU-18-8-21	WVX 9MU-18-8-21	NESE	18	080S	210E	4304738660		Federal	GW	APD
WVX 8MU-18-8-21	GH 8G-18-8-21	SENE	18	080S	210E	4304738661		Federal	GW	APD
GH 6MU-20-8-21	GH 6-20-8-21	SENE	20	080S	210E	4304738662		Federal	GW	APD

**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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: see attached
		9. API NUMBER: attached
		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<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"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</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.

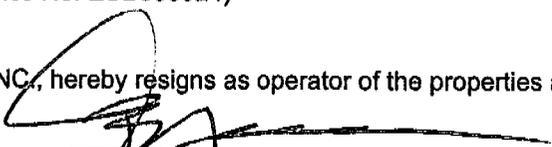
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

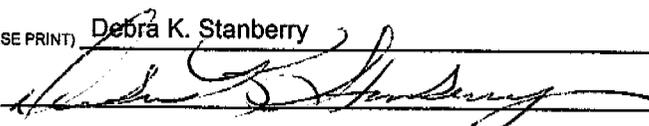
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

  
Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

  
Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

(This space for State use only)

**RECEIVED**

**APR 13 2007**

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.

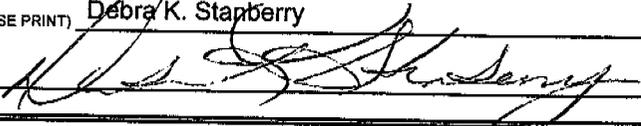
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City: Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		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: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 Name Changes</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.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stappberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>4/17/2007</u>

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (GR) Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Gypsum Hills (GR) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Gypsum Hills (GR) Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Gypsum Hills (GR) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Gypsum Hills (GR) Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**CONFIDENTIAL**

Lease Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

GH 15ML-18-8-21

9. API Well No.

43-047-35323

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

Uintah

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

QEP Uinta Basin, Inc.

Contact: Jan Nelson

3a. Address

1571 East 1700 South, Vernal, UT 84078

3b. Phone No. (include area code)

435-781-4032

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

585' FSL 1978' FEL, SWSE, SECTION 18, T8S, R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc set Conductor on 6/28/06. This location was drilled November 2006. Currently waiting for Completion.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Laura Bills

Signature

*Laura Bills*

Title

Regulatory Assistant

Date

February 6, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 09 2007

CONFIDENTIAL

QEP  
GH 15ML 18 8 21  
43-047-35232 35323  
18 8S 21E

11/6/06 –11/13/06 Still drilling –currently @ 5658 as of 11/13/06  
Received 11/13/06

11/14/06-11/20/06 Still drilling –currently @ 7976 as of 11/20/06  
Received 11/22/06

11/21/06-12/13/06 TD @ 11865 on 12/06/06, Rig Released on 12/11/06  
Received 12/13/06

CONFIDENTIAL

Questar E & P Page 1 of 10  
**Operations Summary Report**

Well Name: GH 15ML-18-8-21 Spud Date: 6/28/2006  
 Location: 18- 8-S 21-E 26 Rig Release: 1/22/2007  
 Rig Name: LEED ENERGY Rig Number: 699

43-047-35323

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/9/2007	06:00 - 16:00	10.00	WHD	1	On 1-8-07, MIRU Leed Energy Services 699. ND wellhead & NU frac valve. SWIFN  24 hr forecast: PU pipe.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'
1/10/2007	06:00 - 16:00	10.00	WHD	1	On 1-9-07, SITP -N/A, SICP-0#. MU & RIH w/3-7/8" bit, 4-1/2 scraper. 1 jt 2-3/8" N-80 & F-nipple. Tally & rabbit in hole w/10 jts new 2-3/8" 4.7# N-80 tubing. Displacing water froze up wellhead. Temp - minus 10°F. RU forced air heater & thaw out wellhead. Tally & rabbit in hole w/148 jts to 5200'. Drain up, diesel up & SWIFN.  24 hr forecast: PU pipe.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'
1/11/2007	06:00 - 16:00	10.00	LOC	2	On 1-10-07, SITP-0#, SICP-0#. Tally & rabbit in hole w/202 jts 2-3/8" N-80. Tag @ 11762'. Circulate clean w/180 bbls 2% KCl. POOH w/361 jts, F-nipple & 1 jt. LD bit & scraper. Drain up, diesel up & SWIFN.  24 hr forecast: Run CBL & perforate.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'
1/12/2007	06:00 - 16:00	10.00	BOP	1	On 1-11-07, SICP-0#. MIRU Cutters Wireline. RIH w/bond tool. After correlating to open hole, lowest logged interval is 12' above bottom perf @ 11752'. Run CBL/VDL/GR from 11740' to surface. TOC estimated @ surface. Pressure test csing to 5000#. Held. RIH w/3-1/8" gun. Tag @ 11743'. POOH w/gun. RDMO wireline. ND frac valve & NU BOP's. MU & RIH w/3-7/8" c/o bit, bit sub, 1 jt. F-nipple & 98 jts tubing. SWIFN.  24 hr forecast: RIH & drill cement.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'
1/13/2007	06:00 - 16:00	10.00	BOP	1	On 1-12-07, SITP-0#, SICP-0#. Continue RIH w/tubing to 11762'. RU power swivel & drill out 60' med to med-soft cement to 11822' tubing measurement. Reverse out clean w/50 bbls 2% KCl. Pressure test casing to 5000#. Held. RD swivel & LD 1 jt. Blow out 2 bbls water from wellbore w/air. Diesel up wellhead & BOP's. Drain pump & lines. SWIFN.  24 hr forecast: POOH w/tubing.  Production casing size: 4-1/2" 11.6# P-110 @ 11864' Intermed.Casing depth: 7" 26# J-55 & L-80 @ 7976'
1/15/2007	06:00 - 16:00	10.00	BOP	1	On 1-13-07, SITP-0#, SICP-0#. POOH w/362 jts tubing, F-nipple. 1 jt & bit. ND

Printed: 3/6/2007 12:33:43 PM

RECEIVED

MAR 06 2007

DIV. OF OIL, GAS & MINING

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/15/2007	06:00 - 16:00	10.00	BOP	1	<p>BOP's &amp; NU frac valve. SWI for Sunday.</p> <p>24 hr forecast: Perforate, MI frac equipment.</p> <p>Production casing size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing depth: 7" 26# J-55 &amp; L-80 @ 7976'</p>
1/16/2007	06:00 - 16:00	10.00	PERF	2	<p>On 1/15/06, SITP = N/A, SICP = 0#. Atmospheric temperature = minus 34 degrees. Took 6 hours to get rig started. MIRU Cutters WL. Perforate per CBL dated 1/11/07, Sego 11748' - 11752' &amp; 11718' - 11722' and Lower Mesa Verde 11648' - 11662' &amp; 11570' - 11574' w/ 3 jpf using 3-1/8" guns &amp; Power pak charges. SWI &amp; RU electric heater on wellhead. Diesel forced air heater won't start. Left rig &amp; wireline truck running for night.</p> <p>24Hr Forecast: Frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/17/2007	06:00 - 16:00	10.00	HOT	1	<p>On 1/16/07, low atmospheric temp = minus 34°F, high temp = minus 10°F. Hot oil trucks heating tanks overnight froze up solid while running. No other hot oil trucks available. Fuel in heater &amp; light plant gelled overnight &amp; equipment died. No heat on wellhead. Mechanics repaired heater &amp; light plant. Started electric heater on wellhead. MIRU Halliburton frac equipment. Unable to rig up all frac trucks due to pre-geller in shop all day to install clutch. Wireline truck fuel gelled up while running at temperature overnight minus 10°F. Mechanic repaired wireline truck by 4:00 PM. Halliburton trucks &amp; wireline left running overnight w/ dry watch personnel on location. Well remains SI.</p> <p>24 Hr Forecast: Keep trucks running, heat tanks.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/18/2007	06:00 - 16:00	10.00	WOT	3	<p>On 1/17/07, atmospheric temperature @ 9:00 am, minus 36° F. Fuel in two Halliburton trucks gelled overnight while running. RD two trucks &amp; haul to town to thaw out. Fuel in heater &amp; light plant gelled overnight &amp; equipment died. Frac tank temp - 39° to 54°. Dropped an average of 30° overnight. Received orders to shut</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/18/2007	06:00 - 16:00	10.00	WOT	3	<p>down operations until weather improves. RDMO Halliburton trucks &amp; wireline. SD all auxillary equipment. Well remains SI.</p> <p>24 Hr Forecast: On standby until weather improves.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/19/2007	06:00 - 16:00	10.00	WOT	3	<p>On 1/18/07, atmospheric temperature @ 9:00 AM, minus 30°F. Rig on standby. Hot oilers heating tanks enough to keep from freezing solid. Well remains SI.</p> <p>24 Hr Forecast: Attempt to bleed off well.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/22/2007	06:00 - 16:00	10.00	TRP	2	<p>On 1/19/07, atmospheric temperature @ 9:00 AM, minus 28°F. SICP = 1800#. Head wellhead valves, flow back manifold &amp; rig engines. Open up csg on 14/64" &amp; 18/64" chokes. Halliburton ND frac iron from wellhead. Bleed off CP to 0#. ND frac valve &amp; NU BOPs. MU &amp; RIH w/ mill, PO sub, 1 jt, F-Nipple &amp; 311 jts tbg. LD 8 jts. Land tbg in wellhead @ 11521' as detailed below w/ csg flowing. ND BOP's &amp; NU wellhead. SWI for approx. 10 days. Report discontinued until approx. 2/1/07 waiting on weather to improve.</p> <p>24 Hr Forecast: RDMO Leed Energy Services.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p> <p>Tbg Detail                      KB 17.00</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/22/2007	06:00 - 16:00	10.00	TRP	2	Hnager 0.45 353 jts 2-3/8" 4.7# N-80 tbg 11467.90 F-Nipple w/ 1.81" ID 0.90 1 Jt N-80 tbg 32.23 PO sub 1.80 Mill 0.56 Tbg Tail @ 11520.84
2/6/2007	06:00 - 16:00	10.00	OTH		Miscellaneous report to capture water, heating & wireline costs. Well is SI until further notice..  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes)  Tbg Detail KB 17.00 Hnager 0.45 353 jts 2-3/8" 4.7# N-80 tbg 11467.90 F-Nipple w/ 1.81" ID 0.90 1 Jt N-80 tbg 32.23 PO sub 1.80 Mill 0.56 Tbg Tail @ 11520.84
2/27/2007	06:00 - 16:00	10.00	LOC	4	Completion report resumed after being discontinued on 1/22/07. On 2/23/07, MI Gudac Brothers rig. Sank in mud before getting to Wellhead. Blocked up rig & WO construction to bring in rock & equipment. SD for night. On 2/24/07, move rig to edge of locaion w/ heavy equipment. Construction began work on location. On 2/26/07, RU Gudac Brothers Well Service. SITP = 1575#, SICP = 3200#. Bled csg & tbg down. ND WH & NU BOP's. Remove hanger. Began POOH w/ tbg while csg flowing. Circulate w/ 2% KCL @ 4700'. POOH w/ total of 354 jts 2-3/8" 4.7# N-80 tbg, F-Nipple, 1 jt, PO w/ mill. ND BOP's & NU frac valve. MI Wellhead heater. Drain up & SWIFN.  24 Hour Forecast: Frac.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/27/2007	06:00 - 16:00	10.00	LOC	4	Tbg Detail KB 17.00 Hnager 0.45 353 jts 2-3/8" 4.7# N-80 tbg 11467.90 F-Nipple w/ 1.81" ID 0.90 1 Jt N-80 tbg 32.23 PO sub 1.80 Mill 0.56 Tbg Tail @ 11520.84
2/28/2007	06:00 - 16:00	10.00	STIM	3	On 2/27/07, MIRU Halliburton & Cutters WL to frac. All perforating per CBL dated 1/11/07 correlated to Halliburton Spectral Density/DSN/GR dated 12/8/06. Zone 1 - Sego-Lower Mesa Verde interval 11570' - 11752'. Frac w/ Hybor-G 35# system as follows: Break @ 3947#. Pump 20991 gals pad. Ramp 1/2 to 4 ppg sand in 51212 gals fluid. Flush w/ 7973 gals Hybor cut 50% w/ water including 10 bbls overflush. Lost suction during flush & one pump truck kicked out. Resumed pumping & adjusted flush volumes. Total load = 1941 bbls, total sand = 153,943# 20/40 PRC. Avg rate = 55 BPM, max rate = 59.4 BPM, avg psi = 6568#, max psi = 7918#. ISIP = 4275#. FG = .80 psi/ft. Zone 2 - Lower Mesa Verde - Lubricate in hole w/ 4-1/2" frac plug & guns. Stacked out 1000' above plug setting depth. RU Halliburton & pump 20 bbls 2% KCL @ 1/2 BPM & 3700#. RIH w/ wireline tools & stacked out 400' above plug setting depth. Stuck setting tool. Pulled 500# over string wt to get free. RU Halliburton & pump 10 bbls 2% KCL @ 1/2 BPM. Set plug @ 11347'. Perforate 11309' - 11315' & 11185' - 11195' w/ 3 jpf using 3-1/8" guns & Power Pak charges in 120° phasing. POOH w/ wireline tools. RU heater, drain up & SWIFN.  24 Hour Forecast: Frac.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes)
3/1/2007	06:00 - 16:00	10.00	STIM	3	On 2/28/07, continue to frac w/ Halliburton & Cutters Wireline. SICP = 3700#. All perforating per CBL dated 1/11/07 correlated to Halliburton Spectral Density/DSN/GR dated 12/8/06. Zone 2 - Lower Mesa Verde interval 11185' - 11315'. Frac w/ Hybor G-30 system as follows: Break @ 4424#. Pump 14550 gals pad. Ramp 1/2 to 4 ppg sand in 36157 gals fluid. Flush w/ 7737 gals slick water including 400 gals 28% HCL. Total load = 1425 bbls, total sand = 103,458# 20/40 PRC. Avg rate = 51.2 BPM, max rate = 57.5 BPM, Avg psi = 6585#, max psi = 7009#. ISIP = 4434#. FG = .83 psi/ft.

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/1/2007	06:00 - 16:00	10.00	STIM	3	<p>Zone 3 - Lower Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 11,030'. Perforate 11001' - 11005', 10948' - 10952', 10918' - 10922', 10870' - 10872', 10822' - 10824' w/ 3 jpf using 3-1/8" guns &amp; (PowerPak charges in 120" phasing. Frac w/ Hybor G-30# system as follows: Break @ 4146#. Drop 72 Bio-balls. Balled out successfully w/ 4 distinct psi increases. Wait 10 mins &amp; attempt to resume pad. More ball action occurred. Blew pump packing on an essential truck. SD &amp; surge bio-balls. Repack pump. Pump remainder of 23553 gals pad including extended pad of 6000 gals. Ramp 1/2 to 4 ppg sand in 38630 gals fluid. Flush w/ 7487 gals slick water including 400 gals 28% HCL. Lost suction on flush &amp; two trucks had kick-out switch malfunction. Avg flush rate = approx 45 BPM. Total load = 1700 bbls, total sand = 109,472# 20/40 PRC. Avg rate = 51.6 BPM, max rate = 57.4 BPM. Sand was cut 10,000# short due to increasing surface &amp; BPH psi @ maximum HHP. Avg psi = 6582#, max psi = 7403#, ISIP = 4449#. FG = .85 psi/ft.</p> <p>Zone 4 - Lower Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 10,351'. Perforate 10300' - 10304', 10280' - 10284', 10236' - 10238', 10216' - 10220' &amp; 10190' - 10192' &amp; 3-1/8" guns &amp; PowerPak charges in 120" phasing. Frac w/ Delta 200R-30# system as follows: Break @ 3900#. Drop 72 bio-balls. Balled out successfully w/ 3 distinct psi increases. Pump remainder of 22000 gals pad w/ all available HHP @ 6100# &amp; 55 BPM. Essential pump truck developed cracked pod. SD truck &amp; lost rate of 10 BPM. SD all trucks before pumping sand. Drain up. RU Heater &amp; SWIFN.</p> <p>24 Hour Forecast: Repair pump trucks &amp; frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Zone 1 - Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)                      Zone 3 - Lower Mesa Verde                      11001' - 11005' w/ 3 jpf (12 holes)                      10948' - 10952' w/ 3 jpf (12 holes)                      10918' - 10922' w/ 3 jpf (12 holes)                      10870' - 10872' w/ 3 jpf (6 holes)                      10822' - 10824' w/ 3 jpf (6 holes)                      Zone 4 - Lower Mesa Verde                      10300' - 10304' w/ 3 jpf (12 holes)                      10280' - 10284' w/ 3 jpf (12 holes)                      10236' - 10238' w/ 3 jpf (6 holes)                      10216' - 10220' w/ 3 jpf (12 holes)                      10190' - 10192' w/ 3 jpf (6 holes)</p>
3/2/2007	06:00 - 16:00	10.00	STIM	3	<p>On 2/28/07, continue frac w/ Halliburton &amp; Cutters Wireline. SICIP = 3700#. All perforating per CBL dated 1/11/07 correlated to Halliburton Spectral</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/2/2007	06:00 - 16:00	10.00	STIM	3	<p>Density/DSN/GR dated 12/6/06.</p> <p>Zone 4 - Lower Mesa Verde interval 10190' - 10304'. Frac w/ Hybor G-30# system as follows: Break @ 3980#. Repump 25200 gals pad. Ramp 1/2 to 4 ppg sand in 57673 gals fluid. Flush w/ 7077 gals slick water including 400 gals 28% HCL. Total load = 2766 bbls, total sand = 177,261# 20/40 PRC. Avg rate = 54.1 BPM, max rate = 60.5 BPM, avg psi = 6375#, max psi = 7459#, ISIP = 4825#. FG = .91 psi/ft.</p> <p>Zone 5 - Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 9988'. Perforate 9932' - 9936'; 9926' - 9930' &amp; 9906' - 9910' w/ 3 jpf using 3-1/8" guns &amp; Power Pak charges in 120° phasing. Frac w/ Delta 200R-30# system as follows: Break @ 4124#. Pump 22061 gals pad. Ramp 1/2 to 4 ppg sand in 53802 gals fluid. Flush w/ 6893 gals slick water including 400 gals 28% HCL. Total load = 1985 bbls, total sand = 162,032# 20/40 PRC. Avg rate = 47 BPM; max rate = 47.9 BPM; avg psi = 5123#; max psi = 5582#. ISIP = 3610#. FG = .80 psi/ft.</p> <p>Zone 6 - Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 9550'. Perforate 9524' - 9526'; 9422' - 9428' &amp; 9352' - 9358' w/ 3 jpf using 3-1/8" guns &amp; Power Pak charges in 120° phasing. Frac w/ Delta 200R-25# system as follows: Break @ 3319#. Pump 24860 gals pad. Ramp 1/2 to 4 ppg sand in 54988 gals fluid. Flush w/ 6534 gals slick water including 400 gals 28% HCL. Total load = 2100 BPM, total sand = 163,495# 20/40 PTC. Avg rate = 46.9 BPM, max rate = 54 BPM, avg psi = 4846#, max psi = 5748#, ISIP = 2474#, FC = .91 psi/ft.</p> <p>Zone 7 - Wasatch - Lubricate in 4-1/2" frac plug &amp; set @ 9020'. Perforate 8984' - 8988'; 8820' - 8824'; 8646' - 8652' &amp; 8522' - 8526' w/ 3 jpf using 3-1/8" guns &amp; PowerPak charges in 120° phasing. POOH w/ tools. RDMO blender, pump truck &amp; acid transport for delivery of sand &amp; water. Drain up. RU heaters &amp; SD for night.</p> <p>24 Hour Forecast: Frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Zone 1 - Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)                      Zone 3 - Lower Mesa Verde                      11001' - 11005' w/ 3 jpf (12 holes)                      10948' - 10952' w/ 3 jpf (12 holes)                      10918' - 10922' w/ 3 jpf (12 holes)                      10870' - 10872' w/ 3 jopf (6 holes)                      10822' - 10824' w/ 3 jpf (6 holes)                      Zone 4 - Lower Mesa Verde                      10300' - 10304' w/ 3 jpf (12 holes)                      10280' - 10284' w/ 3 jpf (12 holes)                      10236' - 10238' w/ 3 jpf (6 holes)                      10216' - 10220' w/ 3 jpf (12 holes)                      10190' - 10192' w/ 3 jpf (6 holes)                      Zoone 5 - Mesa Verde</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/2/2007	06:00 - 16:00	10.00	STIM	3	9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes)
3/5/2007	06:00 - 16:00	10.00	STIM	3	On 3/2/07, continue frac w/ Halliburton & Cutters WL. SICIP = 2025#. All perforating per CBL dated 1/11/07 correlated to Halliburton HI-Induction Spectral Density dated 11/18/06. Zone 7 - Wasatch interval 8522' - 8988'. Frac w/ Delta 200R-20# system as follows: Break @ 7586#. Pump 5028 gals pad. Ramp 1-5 ppg sand in 12432 gals fluid. Flush w/ 5577 gals slick water including 400 gals 28% HCL. Lost suction on flush. Went to 0 rate for 2 minutes. Resumed pumping & flushed @ 35 BPM. Total load = 568 bbls, total sand = 40,495# 20/40 white. Avg rate = 44.5 BPM, max rate = 46 BPM, avg psi = 5151#, max psi = 8847#, ISIP = 2613#. FG = .74 psi/ft. Zone 8 - Wasatch - Lubricate in 4-1/2" frac plug & set @ 7413'. Perforate 7351' - 7359' w/ 3 jpf using 3-1/8" guns & Power Pak charges in 120° phsing. Frac w/ Delta 200R-18# system as follows: Break @ 8650#. Pump 5125 gals pad. Ramp 1-5 ppg sand in 15,778 gals fluid. Flush w/ 5234 gals slick water including 400 gals 28% HCL. Total load = 651 bbls, total sand = 59,814# 20/40 white. Avg rate = 36.2 BPM, max rate = 39.5 BPM, avg psi = 3318#, max psi = 8675#, ISIP = 1902#. FG = .70 psi/ft. Zone 9 - Wasatch - Lubricate in 4-1/2" frac plug & set @ 6902'. Perforate 6856' - 6860', 6845' - 6849' & 6754' - 6758' w/ 3 jpf using 3-1/8" guns & Power Pak charges in 120° phasing. Frac w/ Delta 200R - 18# system as follows: Break @ 1900#. Pump 4296 gals pad. Ramp 1-5 ppg sand in 12378 gals fluid. Flush w/ 4329 gals 18# gel including catalyst to speed up breaking. Total load = 519 bbls, total sand = 49,595# 20/40 white. Avg rate = 38.5 BPM, max rate = 30.5 BPM, avg psi = 3044#, max psi = 4023#, ISIP = 1624#. FG = .68 psi/ft. SWI. RDMO Cutters WL. Pull Halliburton pre-geller out of mud hole w/ cat. RDMO Halliburton. 5:00 PM, SICIP = 1600#. Open up on 8/64" choke. Gel not broken. SWI. 7:00 PM, SICIP = 1700#. Gel broken. 8:00 PM, FCP = 1700# on 8/64" choke @ 30 BPH. 10:00 PM, FCP = 1750#. Began unloading sand. Began tapering off at 5:00 AM on 3/3/07. 7:00 AM on 3/3/07, FCP = 2000# on 8/64" choke @ 30 BPH w/ trace sand. Estimated load recovered over night = 360 bbls. Estimated load left to recover = 13398 bbls.  24 Hour Forecast: Flow back.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/5/2007	06:00 - 16:00	10.00	STIM	3	Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zone 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/6/2007	06:00 - 16:00	10.00	STIM	3	On 3/5/07, SICP = 2600#. MIRU Cutters WL. Set CBP @ 6606'. RDMO Cutters. Open up well on 14/64" choke & bleed off. ND frac valve & NU BOP's. MU & RIH w/ 3-7/8" hurricane mill, string float, PO sub w/ NC, 1 jt, F-Nipple & tbg. Tag plug @ 6606'. LD 1 jt & RU swivel. Fill hole w/ 70 bbls 2%. Drill up plugs while flowing on 32/64" choke. SI rams @ 1200#. Circulate clean w/ 60 bbls 2% KCL. Drain up & turn well over to flow watchers. 4:45 PM, FCP = 2250# on 32/64" choke w/ med sand. Water blowing over the pit berm. Change to 24/64" choke. 6:00 PM, FCP = 2250# on 24/64" choke @ 25 BPH w/ lt sand. 8:00 PM, FCP = 2200# on 24/64" choke @ 25 BPH w/ lt sand. 10:00 PM, FCP = 2200#. Changed to 28/64" choke. Began unloading sand & blowing water over backside of pit. Change back to 24/64" choke. 5:00 AM on 3/6/07, FCP = 1900# on 24/64" choke @ 25 BPH w/ lt sand. Estimated load recovered overnight = 350 bbls. Estimated load left to recover = 12098 bbls.  24 Hour Forecast: Change pit liners, attempt to lower pressure.

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/6/2007	06:00 - 16:00	10.00	STIM	3	Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)

Questar E & P						Page 1 of 21
Operations Summary Report						
Well Name: GH 15ML-18-8-21			43-047-35323		Spud Date: 6/28/2006	
Location: 18-8-S 21-E 26					Rig Release: 1/22/2007	
Rig Name: LEED ENERGY					Rig Number: 699	
Date	From - To	Hours	Code	Sub Code	Description of Operations	
1/9/2007	06:00 - 16:00	10.00	WHD	1	On 1-8-07, MIRU Leed Energy Services 699. ND wellhead & NU frac valve. SWIFN  24 hr forecast: PU pipe.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'	
1/10/2007	06:00 - 16:00	10.00	WHD	1	On 1-9-07, SITP -N/A, SICP -0#. MU & RIH w/3-7/8" bit, 4-1/2 scraper. 1 jt 2-3/8" N-80 & F-nipple. Tally & rabbit in hole w/10 jts new 2-3/8" 4.7# N-80 tubing. Displacing water froze up wellhead. Temp - minus 10°F. RU forced air heater & thaw out wellhead. Tally & rabbit in hole w/148 jts to 5200'. Drain up, diesel up & SWIFN.  24 hr forecast: PU pipe.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'	
1/11/2007	06:00 - 16:00	10.00	LOC	2	On 1-10-07, SITP-0#, SICP-0#. Tally & rabbit in hole w/202 jts 2-3/8" N-80. Tag @ 11762'. Circulate clean w/180 bbls 2% KCl. POOH w/361 jts, F-nipple & 1 jt. LD bit & scraper. Drain up, diesel up & SWIFN.  24 hr forecast: Run CBL & perforate.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'	
1/12/2007	06:00 - 16:00	10.00	BOP	1	On 1-11-07, SICP-0#. MIRU Cutters Wireline. RIH w/bond tool. After correlating to open hole, lowest logged interval is 12' above bottom perf @ 11752'. Run CBL/VDL/GR from 11740' to surface. TOC estimated @ surface. Pressure test csing to 5000#. Held. RIH w/3-1/8" gun. Tag @ 11743'. POOH w/gun. RDMO wireline. ND frac valve & NU BOP's. MU & RIH w/3-7/8" c/o bit, bit sub, 1 jt. F-nipple & 98 jts tubing. SWIFN.  24 hr forecast: RIH & drill cement.  Casing size: 4-1/2" 11.6# P-110 Casing depth: 11864'	
1/13/2007	06:00 - 16:00	10.00	BOP	1	On 1-12-07, SITP-0#, SICP-0#. Continue RIH w/tubing to 11762'. RU power swivel & drill out 60' med to med-soft cement to 11822' tubing measurement. Reverse out clean w/50 bbls 2% KCl. Pressure test casing to 5000#. Held. RD swivel & LD 1 jt. Blow out 2 bbls water from wellbore w/air. Diesel up wellhead & BOP's. Drain pump & lines. SWIFN.  24 hr forecast: POOH w/tubing.  Production casing size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing depth: 7" 26# J-55 & L-80 @ 7976'	
1/15/2007	06:00 - 16:00	10.00	BOP	1	On 1-13-07, SITP-0#, SICP-0#. POOH w/362 jts tubing, F-nipple. 1 jt & bit. ND	

Printed: 4/5/2007 8:44:38 AM

RECEIVED

APR 05 2007

DIV. OF OIL, GAS & MINING

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/15/2007	06:00 - 16:00	10.00	BOP	1	<p>BOP's &amp; NU frac valve. SWI for Sunday.</p> <p>24 hr forecast: Perforate, MI frac equipment.</p> <p>Production casing size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing depth: 7" 26# J-55 &amp; L-80 @ 7976'</p>
1/16/2007	06:00 - 16:00	10.00	PERF	2	<p>On 1/15/06, SITP = N/A, SICP = 0#. Atmospheric temperature = minus 34 degrees. Took 6 hours to get rig started. MIRU Cutters WL. Perforate per CBL dated 1/11/07, Sego 11748' - 11752' &amp; 11718' - 11722' and Lower Mesa Verde 11648' - 11662' &amp; 11570' - 11574' w/ 3 jpf using 3-1/8" guns &amp; Power pak charges. SWI &amp; RU electric heater on wellhead. Diesel forced air heater won't start. Left rig &amp; wireline truck running for night.</p> <p>24Hr Forecast: Frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/17/2007	06:00 - 16:00	10.00	HOT	1	<p>On 1/16/07, low atmospheric temp = minus 34°F, high temp = minus 10°F. Hot oil trucks heating tanks overnight froze up solid while running. No other hot oil trucks available. Fuel in heater &amp; light plant gelled overnight &amp; equipment died. No heat on wellhead. Mechanics repaired heater &amp; light plant. Started electric heater on wellhead. MIRU Halliburton frac equipment. Unable to rig up all frac trucks due to pre-geller in shop all day to install clutch. Wireline truck fuel gelled up while running at temperature overnight minus 10°F. Mechanic repaired wireline truck by 4:00 PM. Halliburton trucks &amp; wireline left running overnight w/ dry watch personnel on location. Well remains SI.</p> <p>24 Hr Forecast: Keep trucks running, heat tanks.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/18/2007	06:00 - 16:00	10.00	WOT	3	<p>On 1/17/07, atmospheric temperature @ 9:00 am, minus 36° F. Fuel in two Halliburton trucks gelled overnight while running. RD two trucks &amp; haul to town to thaw out. Fuel in heater &amp; light plant gelled overnight &amp; equipment died. Frac tank temp - 39° to 54°. Dropped an average of 30° overnight. Received orders to shut</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/18/2007	06:00 - 16:00	10.00	WOT	3	<p>down operations until weather improves. RDMO Halliburton trucks &amp; wireline. SD all auxiliary equipment. Well remains SI.</p> <p>24 Hr Forecast: On standby until weather improves.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/19/2007	06:00 - 16:00	10.00	WOT	3	<p>On 1/18/07, atmospheric temperature @ 9:00 AM, minus 30°F. Rig on standby. Hot oilers heating tanks enough to keep from freezing solid. Well remains SI.</p> <p>24 Hr Forecast: Attempt to bleed off well.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p>
1/22/2007	06:00 - 16:00	10.00	TRP	2	<p>On 1/19/07, atmospheric temperature @ 9:00 AM, minus 28°F. SICP = 1800#. Head wellhead valves, flow back manifold &amp; rig engines. Open up csg on 14/64" &amp; 18/64" chokes. Halliburton ND frac iron from wellhead. Bleed off CP to 0#. ND frac valve &amp; NU BOPs. MU &amp; RIH w/ mill, PO sub, 1 jt, F-Nipple &amp; 311 jts tbg. LD 8 jts. Land tbg in wellhead @ 11521' as detailed below w/ csg flowing. ND BOP's &amp; NU wellhead. SWI for approx. 10 days. Report discontinued until approx. 2/1/07 waiting on weather to improve.</p> <p>24 Hr Forecast: RDMO Lead Energy Services.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p> <p>Tbg Detail                      KB 17.00</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/22/2007	06:00 - 16:00	10.00	TRP	2	Hnager 0.45 353 jts 2-3/8" 4.7# N-80 tbg 11467.90 F-Nipple w/ 1.81" ID 0.90 1 Jt N-80 tbg 32.23 PO sub 1.80 Mill 0.56 Tbg Tail @ 11520.84
2/6/2007	06:00 - 16:00	10.00	OTH		Miscellaneous report to capture water, heating & wireline costs. Well is SI until further notice..  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes)
2/27/2007	06:00 - 16:00	10.00	LOC	4	Tbg Detail KB 17.00 Hnager 0.45 353 jts 2-3/8" 4.7# N-80 tbg 11467.90 F-Nipple w/ 1.81" ID 0.90 1 Jt N-80 tbg 32.23 PO sub 1.80 Mill 0.56 Tbg Tail @ 11520.84 Completion report resumed after being discontinued on 1/22/07. On 2/23/07, MI Gudac Brothers rig. Sank in mud before getting to Wellhead. Blocked up rig & WO construction to bring in rock & equipment. SD for night. On 2/24/07, move rig to edge of locaion w/ heavy equipment. Construction began work on location. On 2/26/07, RU Gudac Brothers Well Service. SITP = 1575#, SICP = 3200#. Bled csg & tbg down. ND WH & NU BOP's. Remove hanger. Began POOH w/ tbg while csg flowing. Circulate w/ 2% KCL @ 4700'. POOH w/ total of 354 jts 2-3/8" 4.7# N-80 tbg, F-Nipple, 1 jt, PO w/ mill. ND BOP's & NU frac valve. MI Wellhead heater. Drain up & SWIFN.  24 Hour Forecast: Frac.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations																
2/27/2007	06:00 - 16:00	10.00	LOC	4	<p>Tbg Detail</p> <table border="0"> <tr><td>KB</td><td>17.00</td></tr> <tr><td>Hnager</td><td>0.45</td></tr> <tr><td>353 jts 2-3/8" 4.7# N-80 tbg</td><td>11467.90</td></tr> <tr><td>F-Nipple w/ 1.81" ID</td><td>0.90</td></tr> <tr><td>1 Jt N-80 tbg</td><td>32.23</td></tr> <tr><td>PO sub</td><td>1.80</td></tr> <tr><td>Mill</td><td>0.56</td></tr> <tr><td>Tbg Tail @</td><td>11520.84</td></tr> </table>	KB	17.00	Hnager	0.45	353 jts 2-3/8" 4.7# N-80 tbg	11467.90	F-Nipple w/ 1.81" ID	0.90	1 Jt N-80 tbg	32.23	PO sub	1.80	Mill	0.56	Tbg Tail @	11520.84
KB	17.00																				
Hnager	0.45																				
353 jts 2-3/8" 4.7# N-80 tbg	11467.90																				
F-Nipple w/ 1.81" ID	0.90																				
1 Jt N-80 tbg	32.23																				
PO sub	1.80																				
Mill	0.56																				
Tbg Tail @	11520.84																				
2/28/2007	06:00 - 16:00	10.00	STIM	3	<p>On 2/27/07, MIRU Halliburton &amp; Cutters WL to frac. All perforating per CBL dated 1/11/07 correlated to Halliburton Spectral Density/DSN/GR dated 12/8/06.</p> <p>Zone 1 - Sego-Lower Mesa Verde interval 11570' - 11752'. Frac w/ Hybor-G 35# system as follows: Break @ 3947#. Pump 20991 gals pad. Ramp 1/2 to 4 ppg sand in 51212 gals fluid. Flush w/ 7973 gals Hybor cut 50% w/ water including 10 bbls overflush. Lost suction during flush &amp; one pump truck kicked out. Resumed pumping &amp; adjusted flush volumes. Total load = 1941 bbls, total sand = 153,943# 20/40 PRC. Avg rate = 55 BPM, max rate = 59.4 BPM, avg psi = 6568#, max psi = 7918#. ISIP = 4275#. FG = .80 psi/ft.</p> <p>Zone 2 - Lower Mesa Verde - Lubricate in hole w/ 4-1/2" frac plug &amp; guns. Stacked out 1000' above plug setting depth. RU Halliburton &amp; pump 20 bbls 2% KCL @ 1/2 BPM &amp; 3700#. RIH w/ wireline tools &amp; stacked out 400' above plug setting depth. Stuck setting tool. Pulled 500# over string wt to get free. RU Halliburton &amp; pump 10 bbls 2% KCL @ 1/2 BPM. Set plug @ 11347'. Perforate 11309' - 11315' &amp; 11185' - 11195' w/ 3 jpf using 3-1/8" guns &amp; Power Pak charges in 120° phasing. POOH w/ wireline tools. RU heater, drain up &amp; SWIFN.</p> <p>24 Hour Forecast: Frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs</p> <p>Zone 1 - Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)</p>																
3/1/2007	06:00 - 16:00	10.00	STIM	3	<p>On 2/28/07, continue to frac w/ Halliburton &amp; Cutters Wireline. SICP = 3700#. All perforating per CBL dated 1/11/07 correlated to Halliburton Spectral Density/DSN/GR dated 12/8/06.</p> <p>Zone 2 - Lower Mesa Verde interval 11185' - 11315'. Frac w/ Hybor G-30 system as follows: Break @ 4424#. Pump 14550 gals pad. Ramp 1/2 to 4 ppg sand in 36157 gals fluid. Flush w/ 7737 gals slick water including 400 gals 28% HCL. Total load = 1425 bbls, total sand = 103,458# 20/40 PRC. Avg rate = 51.2 BPM, max rate = 57.5 BPM, Avg psi = 6585#, max psi = 7009#. ISIP = 4434#. FG = .83 psi/ft.</p>																

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/1/2007	06:00 - 16:00	10.00	STIM	3	<p>Zone 3 - Lower Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 11,030'. Perforate 11001' - 11005', 10948' - 10952', 10918' - 10922', 10870' - 10872', 10822' - 10824' w/ 3 jpf using 3-1/8" guns &amp; {PowerPak charges in 120" phasing. Frac w/ Hybor G-30# system as follows: Break @ 4146#. Drop 72 Bio-balls. Balled out successfully w/ 4 distinct psi increases. Wait 10 mins &amp; attempt to resume pad. More ball action occurred. Blew pump packing on an essential truck. SD &amp; surge bio-balls. Repack pump. Pump remainder of 23553 gals pad including extended pad of 6000 gals. Ramp 1/2 to 4 ppg sand in 38630 gals fluid. Flush w/ 7487 gals slick water including 400 gals 28% HCL. Lost suction on flush &amp; two trucks had kick-out switch malfunction. Avg flush rate = approx 45 BPM. Total load = 1700 bbls, total sand = 109,472# 20/40 PRC. Avg rate = 51.6 BPM, max rate = 57.4 BPM. Sand was cut 10,000# short due to increasing surface &amp; BPH psi @ maximum HHP. Avg psi = 6582#, max psi = 7403#, ISIP = 4449#. FG = .85 psi/ft.</p> <p>Zone 4 - Lower Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 10,351'. Perforate 10300' - 10304', 10280' - 10284', 10236' - 10238', 10216' - 10220' &amp; 10190' - 10192' &amp; 3-1/8" guns &amp; PowerPak charges in 120" phasing. Frac w/ Delta 200R-30# system as follows: Break @ 3900#. Drop 72 bio-balls. Balled out successfully w/ 3 distinct psi increases. Pump remainder of 22000 gals pad w/ all available HHP @ 6100# &amp; 55 BPM. Essential pump truck developed cracked pod. SD truck &amp; lost rate of 10 BPM. SD all trucks before pumping sand. Drain up. RU Heater &amp; SWIFN.</p> <p>24 Hour Forecast: Repair pump trucks &amp; frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs                      Zone 1 - Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)                      Zone 2 - Lower Mesa Verde                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)                      Zone 3 - Lower Mesa Verde                      11001' - 11005' w/ 3 jpf (12 holes)                      10948' - 10952' w/ 3 jpf (12 holes)                      10918' - 10922' w/ 3 jpf (12 holes)                      10870' - 10872' w/ 3 jpf (6 holes)                      10822' - 10824' w/ 3 jpf (6 holes)                      Zone 4 - Lower Mesa Verde                      10300' - 10304' w/ 3 jpf (12 holes)                      10280' - 10284' w/ 3 jpf (12 holes)                      10236' - 10238' w/ 3 jpf (6 holes)                      10216' - 10220' w/ 3 jpf (12 holes)                      10190' - 10192' w/ 3 jpf (6 holes)</p>
3/2/2007	06:00 - 16:00	10.00	STIM	3	<p>On 2/28/07, continue frac w/ Halliburton &amp; Cutters Wireline. SICP = 3700#. All perforating per CBL dated 1/11/07 correlated to Halliburton Spectral</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/2/2007	06:00 - 16:00	10.00	STIM	3	<p>Density/DSN/GR dated 12/6/06.</p> <p>Zone 4 - Lower Mesa Verde interval 10190' - 10304'. Frac w/ Hybor G-30# system as follows: Break @ 3980#. Repump 25200 gals pad. Ramp 1/2 to 4 ppg sand in 57673 gals fluid. Flush w/ 7077 gals slick water including 400 gals 28% HCL. Total load = 2766 bbls, total sand = 177,261# 20/40 PRC. Avg rate = 54.1 BPM, max rate = 60.5 BPM, avg psi = 6375#, max psi = 7459#, ISIP = 4825#. FG = .91 psi/ft.</p> <p>Zone 5 - Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 9988'. Perforate 9932' - 9936'; 9926' - 9930' &amp; 9906' - 9910' w/ 3 jpf using 3-1/8" guns &amp; Power Pak charges in 120° phasing. Frac w/ Delta 200R-30# system as follows: Break @ 4124#. Pump 22061 gals pad. Ramp 1/2 to 4 ppg sand in 53802 gals fluid. Flush w/ 6893 gals slick water including 400 gals 28% HCL. Total load = 1985 bbls, total sand = 162,032# 20/40 PRC. Avg rate = 47 BPM; max rate = 47.9 BPM; avg psi = 5123#; max psi = 5582#. ISIP = 3610#. FG = .80 psi/ft.</p> <p>Zone 6 - Mesa Verde - Lubricate in 4-1/2" frac plug &amp; set @ 9550'. Perforate 9524' - 9526'; 9422' - 9428' &amp; 9352' - 9358' w/ 3 jpf using 3-1/8" guns &amp; Power Pak charges in 120° phasing. Frac w/ Delta 200R-25# system as follows: Break @ 3319#. Pump 24860 gals pad. Ramp 1/2 to 4 ppg sand in 54988 gals fluid. Flush w/ 6534 gals slick water including 400 gals 28% HCL. Total load = 2100 BPM, total sand = 163,495# 20/40 PTC. Avg rate = 46.9 BPM, max rate = 54 BPM, avg psi = 4846#, max psi = 5748#, ISIP = 2474#, FC = .91 psi/ft.</p> <p>Zone 7 - Wasatch - Lubricate in 4-1/2" frac plug &amp; set @ 9020'. Perforate 8984' - 8988'; 8820' - 8824'; 8646' - 8652' &amp; 8522' - 8526' w/ 3 jpf using 3-1/8" guns &amp; PowerPak charges in 120° phasing. POOH w/ tools. RDMO blender, pump truck &amp; acid transport for delivery of sand &amp; water. Drain up. RU heaters &amp; SD for night.</p> <p>24 Hour Forecast: Frac.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs</p> <p>Zone 1 - Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)</p> <p>Zone 2 - Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p> <p>Zone 2 - Lower Mesa Verde                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)</p> <p>Zone 3 - Lower Mesa Verde                      11001' - 11005' w/ 3 jpf (12 holes)                      10948' - 10952' w/ 3 jpf (12 holes)                      10918' - 10922' w/ 3 jpf (12 holes)                      10870' - 10872' w/ 3 jopf (6 holes)                      10822' - 10824' w/ 3 jpf (6 holes)</p> <p>Zone 4 - Lower Mesa Verde                      10300' - 10304' w/ 3 jpf (12 holes)                      10280' - 10284' w/ 3 jpf (12 holes)                      10236' - 10238' w/ 3 jpf (6 holes)                      10216' - 10220' w/ 3 jpf (12 holes)                      10190' - 10192' w/ 3 jpf (6 holes)</p> <p>Zone 5 - Mesa Verde</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/2/2007	06:00 - 16:00	10.00	STIM	3	9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes)
3/3/2007	06:00 - 16:00	10.00	STIM	3	On 3/2/07, continue frac w/ Halliburton & Cutters WL. SICP = 2025#. All perforating per CBL dated 1/11/07 correlated to Halliburton Hi-Induction Spectral Density dated 11/18/06. Zone 7 - Wasatch interval 8522' - 8988'. Frac w/ Delta 200R-20# system as follows: Break @ 7586#. Pump 5028 gals pad. Ramp 1-5 ppg sand in 12432 gals fluid. Flush w/ 5577 gals slick water including 400 gals 28% HCL. Lost suction on flush. Went to 0 rate for 2 minutes. Resumed pumping & flushed @ 35 BPM. Total load = 568 bbls, total sand = 40,495# 20/40 white. Avg rate = 44.5 BPM, max rate = 46 BPM, avg psi = 5151#, max psi = 8847#, ISIP = 2613#. FG = .74 psi/ft. Zone 8 - Wasatch - Lubricate in 4-1/2" frac plug & set @ 7413'. Perforate 7351' - 7359' w/ 3 jpf using 3-1/8" guns & Power Pak charges in 120" phsing. Frac w/ Delta 200R-18# system as follows: Break @ 8650#. Pump 5125 gals pad. Ramp 1-5 ppg sand in 15,778 gals fluid. Flush w/ 5234 gals slick water including 400 gals 28% HCL. Total load = 651 bbls, total sand = 59,814# 20/40 white. Avg rate = 36.2 BPM, max rate = 39.5 BPM, avg psi = 3318#, max psi = 8675#, ISIP = 1902#. FG = .70 psi/ft. Zone 9 - Wasatch - Lubricate in 4-1/2" frac plug & set @ 6902'. Perforate 6856' - 6860', 6845' - 6849' & 6754' - 6758' w/ 3 jpf using 3-1/8" guns & Power Pak charges in 120" phasing. Frac w/ Delta 200R - 18# system as follows: Break @ 1900#. Pump 4296 gals pad. Ramp 1-5 ppg sand in 12378 gals fluid. Flush w/ 4329 gals 18# gel including catalyst to speed up breaking. Total load = 519 bbls, total sand = 49,595# 20/40 white. Avg rate = 38.5 BPM, max rate = 30.5 BPM, avg psi = 3044#, max psi = 4023#, ISIP = 1624#. FG = .68 psi/ft. SWI. RDMO Cutters WL. Pull Halliburton pre-geller out of mud hole w/ cat. RDMO Halliburton. 5:00 PM, SICP = 1600#. Open up on 8/64" choke. Gel not broken. SWI. 7:00 PM, SICP = 1700#. Gel broken. 8:00 PM, FCP = 1700# on 8/64" choke @ 30 BPH. 10:00 PM, FCP = 1750#. Began unloading sand. Began tapering off at 5:00 AM on 3/3/07. 7:00 AM on 3/3/07, FCP = 2000# on 8/64" choke @ 30 BPH w/ trace sand. Estimated load recovered over night = 360 bbls. Estimated load left to recover = 13398 bbls.  24 Hour Forecast: Flow back.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18-8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/3/2007	06:00 - 16:00	10.00	STIM	3	Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/4/2007	06:00 - 16:00	10.00	PTST	2	On 3/3/07, continue post-frac flow back. 7:00 AM, FCP = 2000# on 8/64" choke @ 30 BPH w/ trace sand. 9:00 AM, FCP = 1975# on 10/64" choke @ 25 BPH w/ no sand. 12:00 noon, FCP = 1975# on 10/64" choke @ 15 BPH w/ no sand. 2:00 PM, FCP = 2000# on 12/64" choke @ 10 BPH w/ trace sand. 4:00 PM, FCP = 2025# on 14/64" choke @ 10 BPH w/ lt sand. 7:00 PM, FCP = 2050# on 14/64" choke @ 20 BPH w/ lt sand. 8:00 PM, FCP = 2050# on 14/64" choke @ 30 BPH w/ lt sand. 7:00 AM on 3/4/07, FCP = 1975# on 14/64" choke @ 30 BPH surging light to medium sand. Estimated load recovered in last 24 hours = 575 bbls. Estimated load left to recover = 12823 bbls.  24 Hour Forecast: Flow back.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/4/2007	06:00 - 16:00	10.00	PTST	2	Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/5/2007	06:00 - 16:00	10.00	PTST	2	On 3/4/07, continue post-frac flow back. 7:00 AM, FCP = 1975# on 14/64" choke @ 30 BPH surging light to medium sand. 11:00 AM, FCP = 1975# on 14/64" choke @ 25 BPH w/ trace sand. 3:00 PM, FCP = 2275# on 10/64" & 14/64" chokes (approx equal to 17/64" choke) @ 30 BPH w/ trace sand. 6:00 PM, FCP = 2350# on 10/64" & 14/64" chokes @ 30 BPH w/ trace sand. 8:00 PM, FCP = 2350# on 10/64" & 14/64" chokes @ 30 BPH w/ trace sand. 5:00 AM on 3/5/07, FCP = 2350# on 10/64" & 14/64" chokes @ 30 BPH w/ trace sand. SWI.

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/5/2007	06:00 - 16:00	10.00	PTST	2	<p>Estimated load recovered in last 24 hours = 575 bbls. Estimated load left to recover = 12448 bbls.</p> <p>24 Hour Forecast: Set CBP.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p>Perfs</p> <p>Zone 1 - Sego                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)</p> <p>Zone 2 - Lower Mesa Verde                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p> <p>Zone 2 - Lower Mesa Verde                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)</p> <p>Zone 3 - Lower Mesa Verde                      11001' - 11005' w/ 3 jpf (12 holes)                      10948' - 10952' w/ 3 jpf (12 holes)                      10918' - 10922' w/ 3 jpf (12 holes)                      10870' - 10872' w/ 3 jopf (6 holes)                      10822' - 10824' w/ 3 jpf (6 holes)</p> <p>Zone 4 - Lower Mesa Verde                      10300' - 10304' w/ 3 jpf (12 holes)                      10280' - 10284' w/ 3 jpf (12 holes)                      10236' - 10238' w/ 3 jpf (6 holes)                      10216' - 10220' w/ 3 jpf (12 holes)                      10190' - 10192' w/ 3 jpf (6 holes)</p> <p>Zoone 5 - Mesa Verde                      9932' - 9936' w/ 3 jpf (12 holes)                      9926' - 9930' w/ 3 jpf (12 holes)                      9906' - 9910' w/ 3 jpf (12 holes)</p> <p>Zone 6 - Mesa Verde                      9524' - 9526' w/ 3 jpf (6 holes)                      9422' - 9428' w/ 3 jpf (18 holes)                      9352' - 9358' w/ 3 jpf (18 holes)</p> <p>Zone 7 - Wasatch                      8964' - 8988' w/ 3 jpf (12 holes)                      8820' - 8824' w/ 3 jpf (12 holes)                      8648' - 8652' w/ 3 jpf (12 holes)                      8522' - 8526' w/ 3 jpf (12 holes)</p> <p>Zone 8 - Wasatch                      7351' - 7359' w/ 3 jpf (24 holes)</p> <p>Zonoe 9 - Wasatch                      6856' - 6860' w/ 3 jpf (12 holes)                      6845' - 6849' w/ 3 jpf (12 holes)                      6754' - 6758' w/ 3 jpf (12 holes)</p>
3/6/2007	06:00 - 16:00	10.00	STIM	3	<p>On 3/5/07, SICP = 2600#. MIRU Cutters WL. Set CBP @ 6606'. RDMO Cutters. Open up well on 14/64" choke &amp; bleed off. ND frac valve &amp; NU BOP's. MU &amp; RIH</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/6/2007	06:00 - 16:00	10.00	STIM	3	<p>w/ 3-7/8" hurricane mill, string float, PO sub w/ NC, 1 jt, F-Nipple &amp; tbg. Tag plug @ 6606'. LD 1 jt &amp; RU swivel. Fill hole w/ 70 bbls 2%. Drill up plugs while flowing on 32/64" choke. SI rams @ 1200#. Circulate clean w/ 60 bbls 2% KCL. Drain up &amp; turn well over to flow watchers.</p> <p>4:45 PM, FCP = 2250# on 32/64" choke w/ med sand. Water blowing over the pit berm. Change to 24/64" choke.</p> <p>6:00 PM, FCP = 2250# on 24/64" choke @ 25 BPH w/ lt sand.</p> <p>8:00 PM, FCP = 2200# on 24/64" choke @ 25 BPH w/ lt sand.</p> <p>10:00 PM, FCP = 2200#. Changed to 28/64" choke. Began unloading sand &amp; blowing water over backside of pit. Change back to 24/64" choke.</p> <p>5:00 AM on 3/6/07, FCP = 1900# on 24/64" choke @ 25 BPH w/ lt sand.</p> <p>Estimated load recovered overnight = 350 bbls. Estimated load left to recover = 12098 bbls.</p> <p>24 Hour Forecast: Change pit liners, attempt to lower pressure.</p> <p>Production Casing Size: 4-1/2" 11.6# P-110 @ 11864'                      Intermed. Casing Depth: 7" 26# J-55 &amp; L-80 @ 7976'</p> <p><b>Perfs</b></p> <p><b>Zone 1 - Segoo</b>                      11748' - 11752' w/ 3 jpf (12 holes)                      11718' - 11722' w/ 3 jpf (12 holes)</p> <p><b>Zone 2 - Lower Mesa Verde</b>                      11648' - 11662' w/ 3 jpf (12 holes)                      11570' - 11574' w/ 3 jpf (12 holes)</p> <p><b>Zone 2 - Lower Mesa Verde</b>                      11309' - 11315' w/ 3 jpf (18 holes)                      11185' - 11195' w/ 3 jpf (3 holes)</p> <p><b>Zone 3 - Lower Mesa Verde</b>                      11001' - 11005' w/ 3 jpf (12 holes)                      10948' - 10952' w/ 3 jpf (12 holes)                      10918' - 10922' w/ 3 jpf (12 holes)                      10870' - 10872' w/ 3 jopf (6 holes)                      10822' - 10824' w/ 3 jpf (6 holes)</p> <p><b>Zone 4 - Lower Mesa Verde</b>                      10300' - 10304' w/ 3 jpf (12 holes)                      10280' - 10284' w/ 3 jpf (12 holes)                      10236' - 10238' w/ 3 jpf (6 holes)                      10216' - 10220' w/ 3 jpf (12 holes)                      10190' - 10192' w/ 3 jpf (6 holes)</p> <p><b>Zone 5 - Mesa Verde</b>                      9932' - 9936' w/ 3 jpf (12 holes)                      9926' - 9930' w/ 3 jpf (12 holes)                      9906' - 9910' w/ 3 jpf (12 holes)</p> <p><b>Zone 6 - Mesa Verde</b>                      9524' - 9526' w/ 3 jpf (6 holes)                      9422' - 9428' w/ 3 jpf (18 holes)                      9352' - 9358' w/ 3 jpf (18 holes)</p> <p><b>Zone 7 - Wasatch</b>                      8964' - 8988' w/ 3 jpf (12 holes)                      8820' - 8824' w/ 3 jpf (12 holes)                      8648' - 8652' w/ 3 jpf (12 holes)</p>

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/6/2007	06:00 - 16:00	10.00	STIM	3	8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zone 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/7/2007	06:00 - 16:00	10.00	STIM	3	On 3/6/07, continue flowing back. 7:00 AM, FCP = 1900# on 24/64" choke @ 25 BPH, surging to 2200#. Trucks hauling pit water. Extend pit liner. 10:00 AM, FCP = 1850# on 24/64" choke @ 25 BPH, surging to 2000#. Work on rig engine. 12:00 noon, FCP = 1850# on 24/64" choke @ 40 BPH w/ no sand. Pit too full to open up on bigger choke size. Well no longer surging. Finished rig repair. 2:00 PM, FCP = 1875# on 28/64" choke @ 60 BPH w/ no sand. 3:00 PM, changed to 32/64" choke. Began bringing heavy sand in 15 mins. Changed back to 28/64" choke. 4:00 PM, FCP = 1875# on 28/64" choke @ 60 BPH w/ light sand. Turn well over to flow watchers. 8:00 PM, FCP = 1800# on 28/64" choke @ 50 BPH w/ trace sand. 5:00 AM on 3/7/07, FCP = 1675# on 28/64" choke @ 50 BPH w/ lt sand. Estimated load recovered in last 24 hours = 1150 bbls. Estimated load left to recover = 10948 bbls.  24 Hour Forecast: Flow or attempt to land tbq.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/7/2007	06:00 - 16:00	10.00	STIM	3	10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zone 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/8/2007	06:00 - 16:00	10.00	CIRC	1	On 3/7/07 @ 7:00 AM, FCP = 1700# on 28/64" choke @ 50 BPH. MIRU Elite Services. SWI & grease manifold. Open up on 28/64" choke. Began surging slugs of water. Circulate 100 bbls 10# brine & well died. Lay down 138 jts tbg & RIH w/ stds, 10 stds at a time. Tag up solid on remains of top kill plug @ 6606'. LD 1 jt. Well flowing. Shut & lock rams for night. 5:00 PM, FCP = 1225# on 28/64" choke. Turn well over to flow watcher. 8:00 PM, FCP = 1800# on 28/64" choke @ 50 bph w/ lt sand. 12:00 midnight, changed to 32/64" choke. Began unloading sand. Changed to 28/64" choke after 30 mins. Continue medium sand for 2 years. 5:00 AM, FCP = 1550# on 28/64" choke @ 30 BPH w/ lt sand. Estimated load recovered in last 24 hours = 800 bbls. Estimated load left to recover = 10148 bbls.  24 Hour Forecast: Land tbg.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/8/2007	06:00 - 16:00	10.00	CIRC	1	10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/9/2007	06:00 - 16:00	10.00	DRL	5	On 3/8/07 @ 7:00 AM. FCP = 1600# on 28/64" choke @ 30 BPH. EOT @ 6570'. RU swivel. Circulate 100 bbls 2% & drill up remians of top kill plug. Fell free to 6850', 52' above frac plug @ 6902'. Drill up plug parts & fell free to frac plug @ 7413'. Drill up plugs @ 7413', 9020', 9988' & 10351' w/ no sand on any plugs. Circulate clean on 32/64" choke w/ no sand flow. LD 1 jt to EOT @ 10308'. Frost protect tbg & csg w/ brine. SWIFN. Estimated load recovered in last 24 hrs = 200 bbls. Estimated load left to recover = 10048 bbls.  24 Hour Forecast: Drill up remaining frac plugs.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/9/2007	06:00 - 16:00	10.00	DRL	5	11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)
3/10/2007	06:00 - 16:00	10.00	DRL	5	On 3/9/07, SICP = 700#. Open up on 14/64" choke. 7:00 AM, FCP = 850# on 32/64" choke. RIH w/ 3 jts tbg. Flow increased to 1300# on 2- 32/64" chokes. SI rams & circulate w/ 2%. RIH & tag sand @ 10890'; 140' above frac plug @ 11030'. Drill out sand & frac plug. Flowing @ 750# on 36/64" choke. Drill up plug @ 11347'. C/O to PBTD of 11816'. Circulate w/ 125 bbls 2%. Flow decreased to 200# on 36/64" choke. RD swivel. LD 60 jts tbg to EOT of 8900'. Pressure increased to 1500# on 36/64" choke. SI rams & circulate w/ 120 bbls 10# brine. Pressure decreased to 500#. LD total of 180 jts tbg & land on hanger @ 6624' as detailed below. ND BOP's & NU WH. Drop ball & pump off bit & float subs. Hook up flow back manifold. Began flowing up tbg @ 0# wide open 2". Turn to flow watchers. 7:00 PM, FTP = 1100# on 24/64" choke @ 50 BPH. CP = 400#. 7:00 AM on 3/10/07, FTP = 2050# on 28/64" choke @ 40 BPH & trace sand. CP = 2025#. Estimated load recovered in last 24 hrs - 640 bbls. Estimated load left to recover = 9409 bbls.  24 Hour Forecast: Continue flow back.

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/10/2007	06:00 - 16:00	10.00	DRL	5	Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)  Tbg Detail KB 17.0 Hanger 0.75 203 jts 2-3/8" 4.7# N-80 new tbg 6571.88 F-Nipple 0.91 1 jt 2-3/8" N-80 jt 32.36 Bit Sub 0.85

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/10/2007	06:00 - 16:00	10.00	DRL	5	Tbg Tail 6623.75 On 3/10/07, continue flow back. 7:30 AM, FTP = 2050# on 28/64" choke @ 40 BPH w/ trace sand. CP = 2025#. 9:00 AM, FTP = 1800# on 28/64" choke @ 40 BPH w/ trace sand. CP = 2000#. 11:00 AM, FTP = 1400# on 28/64" choke @ 40 BPH w/ no sand. CP = 2100#. 2:00 PM, FTP = 1400# on 28/64" choke @ 30 BPH w/ trace sand. CP = 2100#. 5:00 PM, FTP = 1300# on 28/64" choke @ 30 BPH w/ trace sand. CP = 2125#. 7:00 AM, FTP = 1300# on 28/64" choke @ 25 BPH w/ trace sand. CP = 2025#. Opened up on 32/64" choke. In 1-1/2 hours, began unloading heavy sand. Choked back on 28/64". 7:00 AM on 3/11/07, FTP = 1075# on 28/64" choke @ 25 BPH w/ lt sand. CP = 1725#. Estimated load recovered in last 24 hours = 575 bbls. Estimated load left to recover = 8833 bbls.  24 Hour Forecast: Continue flow back.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes) 10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes)
3/11/2007	06:00 - 16:00	10.00	PTST	2	

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/11/2007	06:00 - 16:00	10.00	PTST	2	8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zone 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)  Tbg Detail KB 17.0 Hanger 0.75 203 jts 2-3/8" 4.7# N-80 new tbg 6571.88 F-Nipple 0.91 1 jt 2-3/8" N-80 jt 32.36 Bit Sub 0.85 Tbg Tail 6623.75
3/12/2007	06:00 - 16:00	10.00	PTST	2	On 3/11/07, continue flow back. 7:00 AM, FTP = 1075# on 28/64" choke @ 25 BPH w/ lt sand. CP = 1725#. 9:00 AM, FTP = 1050# on 28/64" choke @ 25 BPH w/ lt sand. CP = 1700#. 12:00 Noon, FTP = 1000# on 28/64" choke @ 25 BPH w/ trace sand. CP = 1650#. 3:00 PM, FTP = 975# on 28/64" choke @ 20 BPH for last 3 hrs w/ no sand. CP = 1600#. 7:00 PM, FTP = 975# on 28/64" choke @ 15 BPH w/ no sand. SWIFN. Estimated load recovered in last 24 hours = 265 bbls. Estimated load left to recover = 8568 bbls.  24 Hour Forecast: Continue flow back.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Sego 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes) 10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jpf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jpf (12 holes) 10280' - 10284' w/ 3 jpf (12 holes) 10236' - 10238' w/ 3 jpf (6 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/12/2007	06:00 - 16:00	10.00	PTST	2	10216' - 10220' w/ 3 jpf (12 holes) 10190' - 10192' w/ 3 jpf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jpf (12 holes) 9926' - 9930' w/ 3 jpf (12 holes) 9906' - 9910' w/ 3 jpf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jpf (6 holes) 9422' - 9428' w/ 3 jpf (18 holes) 9352' - 9358' w/ 3 jpf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jpf (12 holes) 8820' - 8824' w/ 3 jpf (12 holes) 8648' - 8652' w/ 3 jpf (12 holes) 8522' - 8526' w/ 3 jpf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jpf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jpf (12 holes) 6845' - 6849' w/ 3 jpf (12 holes) 6754' - 6758' w/ 3 jpf (12 holes)  Tbg Detail KB 17.0 Hanger 0.75 203 jts 2-3/8" 4.7# N-80 new tbg 6571.88 F-Nipple 0.91 1 jt 2-3/8" N-80 jt 32.36 Bit Sub 0.85 Tbg Tail 6623.75
3/13/2007	06:00 - 16:00	10.00	LOC	4	On 3-12-07, SITP -2500#, SICP-2500#. RDMO Gudac Bros Well Service. Turn well to production. Final report of Completion  load left to recover = 8568 bbls.  Production Casing Size: 4-1/2" 11.6# P-110 @ 11864' Intermed. Casing Depth: 7" 26# J-55 & L-80 @ 7976'  Perfs Zone 1 - Segoe 11748' - 11752' w/ 3 jpf (12 holes) 11718' - 11722' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11648' - 11662' w/ 3 jpf (12 holes) 11570' - 11574' w/ 3 jpf (12 holes) Zone 2 - Lower Mesa Verde 11309' - 11315' w/ 3 jpf (18 holes) 11185' - 11195' w/ 3 jpf (3 holes) Zone 3 - Lower Mesa Verde 11001' - 11005' w/ 3 jpf (12 holes) 10948' - 10952' w/ 3 jpf (12 holes) 10918' - 10922' w/ 3 jpf (12 holes)

**Operations Summary Report**

Well Name: GH 15ML-18-8-21  
 Location: 18- 8-S 21-E 26  
 Rig Name: LEED ENERGY

Spud Date: 6/28/2006  
 Rig Release: 1/22/2007  
 Rig Number: 699

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/13/2007	06:00 - 16:00	10.00	LOC	4	10870' - 10872' w/ 3 jopf (6 holes) 10822' - 10824' w/ 3 jopf (6 holes) Zone 4 - Lower Mesa Verde 10300' - 10304' w/ 3 jopf (12 holes) 10280' - 10284' w/ 3 jopf (12 holes) 10236' - 10238' w/ 3 jopf (6 holes) 10216' - 10220' w/ 3 jopf (12 holes) 10190' - 10192' w/ 3 jopf (6 holes) Zoone 5 - Mesa Verde 9932' - 9936' w/ 3 jopf (12 holes) 9926' - 9930' w/ 3 jopf (12 holes) 9906' - 9910' w/ 3 jopf (12 holes) Zone 6 - Mesa Verde 9524' - 9526' w/ 3 jopf (6 holes) 9422' - 9428' w/ 3 jopf (18 holes) 9352' - 9358' w/ 3 jopf (18 holes) Zone 7 - Wasatch 8964' - 8988' w/ 3 jopf (12 holes) 8820' - 8824' w/ 3 jopf (12 holes) 8648' - 8652' w/ 3 jopf (12 holes) 8522' - 8526' w/ 3 jopf (12 holes) Zone 8 - Wasatch 7351' - 7359' w/ 3 jopf (24 holes) Zonoe 9 - Wasatch 6856' - 6860' w/ 3 jopf (12 holes) 6845' - 6849' w/ 3 jopf (12 holes) 6754' - 6758' w/ 3 jopf (12 holes)  Tbg Detail KB 17.0 Hanger 0.75 203 jts 2-3/8" 4.7# N-80 new tbg 6571.88 F-Nipple 0.91 1 jt 2-3/8" N-80 jt 32.36 Bit Sub 0.85 Tbg Tail 6623.75

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

**SUBMIT IN DUPLICATE**

(See other instructions on reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**CONFIDENTIAL**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

<p>1a. TYPE OF WELL      OIL WELL <input type="checkbox"/>      GAS WELL <input checked="" type="checkbox"/>      DRY <input type="checkbox"/>      Other _____</p> <p>b. TYPE OF COMPLETION</p> <p>NEW WELL <input checked="" type="checkbox"/>      WORK OVER <input type="checkbox"/>      DEEP-EN <input type="checkbox"/>      PLUG BACK <input type="checkbox"/>      DIFF. RESVR <input type="checkbox"/>      Other _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>UTU - 68219</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>UTE TRIBE</b></p> <p>7. UNIT AGREEMENT NAME <b>N/A</b></p> <p>8. FARM OR LEASE NAME <b>N/A</b></p> <p>9. WELL NO. <b>GH 15ML 18 8 21</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>GYPSUM HILLS</b></p> <p>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>SEC 18-T8S-R21E</b></p>
<p>2. NAME OF OPERATOR <b>QUESTAR EXPLORATION &amp; PRODUCTION CO.</b></p>	
<p>3. ADDRESS OF OPERATOR      <b>Contact: Dahn Caldwell      435-781-4342</b> <b>1571 East 1700 South - Vernal, UT 84078</b>      <b>Fax # 435.781.4357</b></p>	
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</p> <p>At surface    <b>SWSE, SEC 18-T8S-R21E, 585' FSL, 1978' FEL</b></p> <p>At top rod. interval reported below    <b>SWSE, SEC 18-T8S-R21E, 585' FSL, 1978' FEL</b></p> <p>At total depth    <b>SWSE, SEC 18-T8S-R21E, 585' FSL, 1978' FEL</b></p>	

14. PERMIT NO. <b>43-047- 35323</b>	DATE ISSUED	12. COUNTY OR PARISH <b>UINTAH</b>	13. STATE <b>UT</b>
15. DATE SPUDDED <b>06/28/06</b>	16. DATE T.D. REACHED <b>12/06/06</b>	17. DATE COMPL. (Ready to prod.) <b>03/12/07</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>KB</b>
20. TOTAL DEPTH, MD & TVD <b>11,865'</b>	21. PLUG BACK T.D., MD & TVD <b>11,816'</b>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS      CABLE TOOLS ----->
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>SEE ATTACHMENT PAGE 1</b>			25. WAS DIRECTIONAL SURVEY MADE <b>NO</b>

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**GR/CBL, HRI, SPECTRAL DENSITY DSN**

27. WAS WELL CORED  
**NO**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	494'	12-1/4"	225 SXS	
7"	26#	7,975'	8-3/4"	1,135 SXS	
4-1/2"	11.6#	11,864'	6-1/8"	880 SXS	

29. LINER RECORD      30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6,624'	

31. PERFORATION RECORD (Interval, size and number)  
**SEE ATTACHMENT PAGE 1**

**RECEIVED**  
**JUN 20 2007**  
**DIV. OF OIL, GAS & MINING**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>SEE ATTACHMENT PG 1</b>	<b>SEE ATTACHMENT PAGE 1</b>

33.\* PRODUCTION

DATE FIRST PRODUCTION <b>03/12/07</b>	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>FLOWING</b>	WELL STATUS (Producing or shut-in) <b>PRODUCING</b>
DATE OF TEST <b>03/14/07</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>12/64"</b>
PROD'N FOR TEST PERIOD ----->	OIL--BBL <b>25</b>	GAS--MCF <b>1,023</b>
FLOW. TUBING PRESS. <b>1,900</b>	CASING PRESSURE <b>2,300</b>	WATER--BBL <b>130</b>
CALCULATED 24-HOUR RATE ----->		GAS-OIL RATIO
OIL GRAVITY-API (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**SOLD**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
**WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE 1**

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

SIGNED **JIM SIMONTON**      *Jim Simonton*      COMPLETION SUPERVISOR      DATE **06/14/07**

(See Instructions and Spaces for Additional Data on Reverse Side)

**CONFIDENTIAL**

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA	SURFACE		
GREEN RIVER	2641'		
MAHOGANY	3456'		
WASATCH	6071'		
MESA VERDE	9331'		
SEGO	11833'		
TD	11865'		

38.

GEOLOGIC MARKERS  
GH 15ML 18 8 21

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE	
GREEN RIVER	2641'	
MAHOGANY	3456'	
WASATCH	6071'	
MESA VERDE	9331'	
SEGO	11833'	
TD	11865'	

**CONFIDENTIAL**

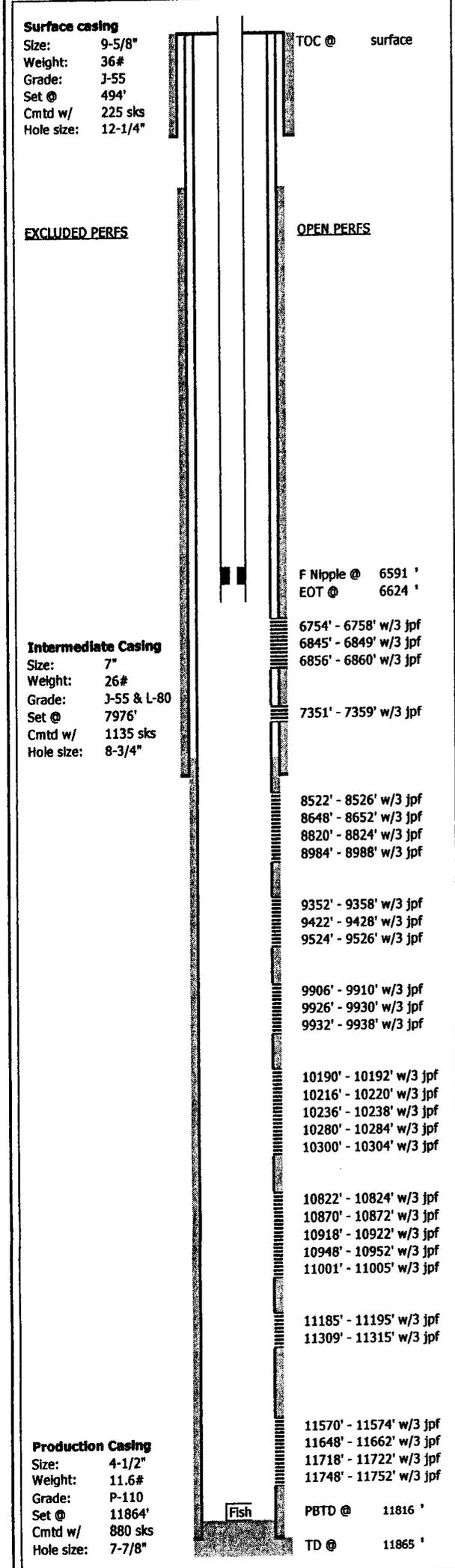
**GH 15ML 18 8 21**

**PERFORATION DETAIL:**

<u>Open Perfs</u>	<u>Stimulation</u>					<u>Perf Status</u>
6754' - 6758'	} Frac w/	49,595	Lbs in	21,798	Gals	Open - Wasatch
6845' - 6849'						Open - Wasatch
6856' - 6860'						Open - Wasatch
7351' - 7359'	Frac w/	59,814	Lbs in	27,342	Gals	Open - Wasatch
8522' - 8526'	} Frac w/	40,495	Lbs in	23,856	Gals	Open - Wasatch
8648' - 8652'						Open - Wasatch
8820' - 8824'						Open - Wasatch
8984' - 8988'						Open - Wasatch
9352' - 9358'	} Frac w/	163,495	Lbs in	88,200	Gals	Open - Mesa Verde
9422' - 9428'						Open - Mesa Verde
9524' - 9526'						Open - Mesa Verde
9906' - 9910'	} Frac w/	162,032	Lbs in	83,370	Gals	Open - Mesa Verde
9926' - 9930'						Open - Mesa Verde
9932' - 9936'						Open - Mesa Verde
10,190' - 10,192'	} Frac w/	177,261	Lbs in	116,172	Gals	Open - LMV
10,216' - 10,220'						Open - LMV
10,236' - 10,238'						Open - LMV
10,280' - 10,284'						Open - LMV
10,300' - 10,304'						Open - LMV
10822' - 10824'	} Frac w/	109,472	Lbs in	71,400	Gals	Open - LMV
10870' - 10872'						Open - LMV
10918' - 10922'						Open - LMV
10948' - 10952'						Open - LMV
11001' - 11005'						Open - LMV
11185' - 11195'	} Frac w/	103,458	Lbs in	59,850	Gals	Open - LMV
11309' - 11315'						Open - LMV
11570' - 11574'	} Frac w/	153,943	Lbs in	81,522	Gals	Open - LMV
11658' - 11662'						Open - LMV
11718' - 11722'						Open - Segoo
11748' - 11752'						Open - Segoo

<b>FIELD:</b> Gypsum Hills	GL: 4,664 ' KBE: 4,681 '	Spud Date 6-29-06 Completion dat 3-12-07
<b>Well:</b> GH 15ML-18-8-21	TD: 11,865 ' PBTD: 11,816 '	Current Well Status: Flowing Gas Well
Location - surface: 585' FSL, 1978', FEL, SWSE Sec. 18, T8S, R21E		<b>Reason for Pull/Workove</b> Initial completion
Location - bottom hole: SWSE Sec. 18, T8S, R21E		
API#:43-047-35323 Utah County, Utah		

**Wellbore Schematic**



**Tubing Landing Detail:**

Description	Size	Footage	Depth
KB		17.00	17.00
Hanger		0.75	17.75
203 jts.	2-3/8"	6,571.88	6,589.63
F-nipple w/1.81" ID	2-3/8"	0.91	6,590.54
1 jt.	2-3/8"	32.36	6,622.90
Bit sub w/wireline re-entry guide		0.85	6,623.75
<b>EOT @</b>			<b>6,623.75</b>

**Tubing Information:**  
Condition: \_\_\_\_\_  
New:  Used: \_\_\_\_\_ Rerun: \_\_\_\_\_  
Grade: N-80  
Weight (#/ft): 4.7#

**Anchors tested by:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wellhead Data Example:** 7-1/16" 3000#  
4-1/16" 10M

Other: \_\_\_\_\_  
Hanger: Yes  No \_\_\_\_\_

- SUMMARY**
- Zone 1 - Sego & Lower Mesa Verde interval 11570' - 11752'  
Frac w/153,943# 20/40 PRC
  - Zone 2 - Lower Mesa Verde interval 11185' - 11315'  
Frac w/103,458# 20/40 PRC
  - Zone 3 - Lower Mesa Verde interval 10822' - 11005'  
Frac w/109,472# 20/40 PRC
  - Zone 4 - Lower Mesa Verde interval 10190' - 10304'  
Frac w/177,261# 20/40 PRC
  - Zone 5 - Mesa Verde interval 9906' - 9936'  
Frac w/162,032# 20/40 PRC
  - Zone 6 - Mesa Verde interval 9352' - 9526'  
Frac w/163,495# 20/40 PRC
  - Zone 7 - Wasatch interval 8522' - 8988'. Frac w/40,495# 20/40 white.
  - Zone 8 - Wasatch 7351' - 7359'. Frac w/59,814# 20/40 white.
  - Zone 9 - Wasatch 6754' - 6860'. Frac w/49,595# 20/40 white.

Note: Fish is 3-7/8" bit & bottom half of pump-off sub. Length - 1.16'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
**UTU - 68219**

6. If Indian, Allottee or Tribe Name  
**UTE TRIBE**

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**GH 15ML 18 8 21**

9. API Well No.  
**43-047-35323**

10. Field and Pool, or Exploratory Area  
**GYPSUM HILLS**

11. County or Parish, State  
**UINTAH, UT**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Well Gas  Well  Well Other  Well

2. Name of Operator  
**.QUESTAR EXPLORATION & PRODUCTION CO.**

3. Address and Telephone No. **Contact: dahn.caldwell@questar.com**  
**1571 East 1700 South - Vernal, UT 84078** Fax **435.781.4357** **435.781.4342**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SWSE, SEC 18-T8S-R21E, 585' FSL, 1978' FEL**

**CONFIDENTIAL**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Lower Tubing</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Clean out wellbore & lower tbg. from 7/26/07 - 7/30/07.**

**1 - On 7/26/07 - MIRU Rocky Mtn Well Service. Left well flowing to sales.**

**2 - On 7/27/07 - FTP = 275#. FCP = 275#. PU & RIH w/160 additional jts of 2 3/8" N-80 tbg. Total = 5165'. Land tbg @ 9869' w/ F-nipple @ 9835'. ND BOP & NUWH.**

**3 - On 7/30/07 - RDMO Rocky Mtn Well Service. Turn well over to production. Lowered tbg. Tbg tail @ 9869'.**

**RECEIVED  
AUG 10 2007**

3 - BLM, 2 - Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.

Signed **Jim Simonton**

*Jim Simonton* (Signature)

**Completion Supervisor**

**8/07/07**

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**CONFIDENTIAL**

UTO8819P18  
**FIELD:** Gypsum Hills      GL: 4,664' KBE: 4,681'      Spud Date: 6-29-06      Completion date: 3-12-07  
**Well:** GH 15ML-18-8-21      TD: 11,865' PBTD: 11,816'      Last worked on: 7/30/2007  
 Location - surface: 585' FSL, 1978', FEL, SWSE Sec. 18, T8S, R21E      Current Well Status: Flowing Gas Well  
 Location - bottom hole: SWSE Sec. 18, T8S, R21E      Reason for Pull/Workover: Initial completion  
 API#:43-047-35323      Uintah County, Utah

**Wellbore Schematic**

**Surface casing**  
 Size: 9-5/8"  
 Weight: 36#  
 Grade: J-55  
 Set @ 494'  
 Cmtd w/ 225 sks  
 Hole size: 12-1/4"

EXCLUDED PERFS

TOC @ surface

OPEN PERFS

**Intermediate Casing**  
 Size: 7"  
 Weight: 26#  
 Grade: J-55 & L-80  
 Set @ 7976'  
 Cmtd w/ 1135 sks  
 Hole size: 8-3/4"

6754' - 6758' w/3 jpf  
6845' - 6849' w/3 jpf  
6856' - 6860' w/3 jpf

7351' - 7359' w/3 jpf

8522' - 8526' w/3 jpf  
8648' - 8652' w/3 jpf  
8820' - 8824' w/3 jpf  
8984' - 8988' w/3 jpf

9352' - 9358' w/3 jpf  
9422' - 9428' w/3 jpf  
9524' - 9526' w/3 jpf

F Nipple @ 9835'  
 EOT @ 9869'  
 9906' - 9910' w/3 jpf  
 9926' - 9930' w/3 jpf  
 9932' - 9938' w/3 jpf

10190' - 10192' w/3 jpf  
 10216' - 10220' w/3 jpf  
 10236' - 10238' w/3 jpf  
 10280' - 10284' w/3 jpf  
 10300' - 10304' w/3 jpf

10822' - 10824' w/3 jpf  
 10870' - 10872' w/3 jpf  
 10918' - 10922' w/3 jpf  
 10948' - 10952' w/3 jpf  
 11001' - 11005' w/3 jpf

11185' - 11195' w/3 jpf  
 11309' - 11315' w/3 jpf

11570' - 11574' w/3 jpf  
 11648' - 11662' w/3 jpf  
 11718' - 11722' w/3 jpf  
 11748' - 11752' w/3 jpf

**Production Casing**  
 Size: 4-1/2"  
 Weight: 11.6#  
 Grade: P-110  
 Set @ 11864'  
 Cmtd w/ 880 sks  
 Hole size: 7-7/8"

Fish

PBTD @ 11816'  
 TD @ 11865'

**Tubing Landing Detail:**

Description	Size	Footage	Depth
KB		17.00	17.00
Hanger		0.75	17.75
303 jts. 2 3/8" N-80 tbq.	2-3/8"	9,816.73	9,834.48
F-nipple w/1.81" ID	2-3/8"	0.91	9,835.39
1 jts. 2 3/8" N-80 tbq.	2-3/8"	32.36	9,867.75
Bit sub w/wireline re-entry guide		0.85	9,868.60
<b>EOT @</b>			9,868.60

**Tubing Information:**

Condition:  
 New:  Used:  Rerun:   
 Grade: N-80  
 Weight (#/ft): 4.7#

Anchors tested by: \_\_\_\_\_ Date: \_\_\_\_\_

**Wellhead Detail:** Example: 7-1/16" 3000#  
 4-1/16" 10M

Other:  
 Hanger: Yes  No

**SUMMARY**

- Zone 1 - Sego & Lower Mesa Verde interval 11570' - 11752'  
Frac w/153,943# 20/40 PRC
- Zone 2 - Lower Mesa Verde interval 11185' - 11315'  
Frac w/103,458# 20/40 PRC
- Zone 3 - Lower Mesa Verde interval 10822' - 11005'  
Frac w/109,472# 20/40 PRC
- Zone 4 - Lower Mesa Verde interval 10190' - 10304'  
Frac w/177,261# 20/40 PRC
- Zone 5 - Mesa Verde interval 9906' - 9936'  
Frac w/162,032# 20/40 PRC
- Zone 6 - Mesa Verde interval 9352' - 9526'  
Frac w/163,495# 20/40 PRC
- Zone 7 - Wasatch interval 8522' - 8988'. Frac w/40,495# 20/40 white.
- Zone 8 - Wasatch 7351' - 7359'. Frac w/59,814# 20/40 white.
- Zone 9 - Wasatch 6754' - 6860'. Frac w/49,595# 20/40 white.

7-26-07 to 7-30-07 MIRU RMWS. NU BOP. RIH w/ additional 160 jt tbq.  
 Tagged @ 11788'. LD 60 jts tbq. Land tbq @ 9868.60'. Turn well over to production. RDMO.

**CONFIDENTIAL**

Note: Fish is 3-7/8" bit & bottom half of pump-off sub. Length - 1.16'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
**UTU-68219**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA, Agreement Designation  
**Gypsum Hills**

8. Well Name and No.  
**GH 15ML 18 8 21**

9. API Well No.  
**43-047-35323**

10. Field and Pool, or Exploratory Area  
**Gypsum Hills**

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other

2. Name of Operator  
**QUESTAR EXPLORATION AND PRODUCTION COMPANY**

3. Address and Telephone No. **Contact: Debbie Stanberry**  
**1050 17<sup>th</sup> Street, Suite 500 Denver, CO 80265** Phone: (303) 308-3068

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) **COPY SENT TO OPERATOR**  
**585' FSL, 1978' FEL; SWSE S18-T8S-R21E** Date: 6.10.2008  
Initials: KS

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Commingling</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)  
**"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the GH 15ML 18 8 21. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams.**

Questar requests approval for the commingling of production between the Mesa Verde and Wasatch intervals. The initial allocation is being estimated from the net pay of the Mesa Verde and Wasatch formations. That allocation would be:

Wasatch Production: 20% - for 45' of net pay  
Mesa Verde Production: 80% - for 223' of net pay

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

**RECEIVED**  
**SEP 14 2007**

14. I hereby certify that the foregoing is true and correct.  
Signed Debra K. Stanberry Title Supervisor, Regulatory Affairs Date 9/11/2007

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any \_\_\_\_\_

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining  
Date: 6/5/08  
By: [Signature]  
\* see attached sheet

Federal Approval Of This  
Action Is Necessary  
Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***INTENTS TO COMMINGLE  
MULTIPLE POOLS IN ONE WELLBORE  
(R649-3-22)***

1. An affidavit of notice and a plat were not submitted as required by R649-3-22.
2. Future requests for commingling shall include all parts required by R649-3-22 and shall be submitted together as one request, not in separate parts.

**From:** "Debbie Stanberry" <Debbie.Stanberry@questar.com>  
**To:** "Dustin Doucet" <dustindoucet@utah.gov>  
**Date:** 11/2/2007 11:40 AM  
**Subject:** RE: Commingling Requests

Just to let you know I have not forgotten this. I will follow up with our land department next week and hopefully will have the additional information to forward on to you. Thank you for your patience and have a good weekend.

Debbie Stanberry  
(303) 308-3068

-----Original Message-----

From: Dustin Doucet [mailto:dustindoucet@utah.gov]  
Sent: Wednesday, October 24, 2007 11:47 AM  
To: Debbie Stanberry  
Subject: Commingling Requests

Debbie,

I received 4 requests back in September and was getting ready to approve them, but did not have all the info required by our rule R649-3-22. A plat of all wells overlaying the pool, contiguous leases etc. is needed along with an affidavit that the application for commingling has been sent to all owners. The wells in question are as follows:

GB 16ML 20-8-22 API 4304737664  
NBE 7ML 26-9-23 API 43-047-36587  
GH 15ML 18-8-21 API 43-047-35323  
GB 8D-20-8-22 API 43-047-37665

Let me know if you have questions. Thanks.

Dustin

Dustin K. Doucet  
Petroleum Engineer  
Utah Division of Oil, Gas and Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

Phone: (801) 538-5281  
fax: (801) 359-3940  
email: dustindoucet@utah.gov

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No 1004-0135  
Expires July 31, 1996

5. Lease Serial No.  
**UTU-68219**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA/Agreement, Name and/or No.  
**GYPSUM HILLS**

8. Well Name and No.  
**GH 15ML-18-8-21**

9. API Well No.  
**43-047-35323**

10. Field and Pool, or Exploratory Area  
**GYPSUM HILLS**

11. County or Parish, State  
**UINTAH**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Questar Exploration & Production Co.** Contact: **Mike Stahl**

3a. Address **11002 East 17500 South, Vernal, UT 84078**  
3b. Phone No. (include area code) **303-308-3613**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**585' FSL 1978' FEL, SWSE, SECTION 18, T8S, R21E**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <b>Commingling</b>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the GH 15ML-18-8-21. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Wasatch and Mesa Verde intervals. Based upon offset production logs, the proposed initial allocation is as follows:

Wasatch Production: 20% - for 45' of net pay. Mesa Verde Production: - 80% for 223' of net pay,

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **Laura Bills** Title **Associate Regulatory Affairs Analyst**  
Signature *Laura Bills* Date **June 13, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**  
**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS AND MINING**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Federal Approval Of This Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

DATE: **6/13/08**  
BY: *[Signature]*  
**RECEIVED**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any agency of the United States, false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse) **COPY SENT TO OPERATOR** Cause **193-22** **SEP 10 2008**

Date: **10.2.2008**

Initials: **KS**

DIV. OF OIL, GAS & MINING

AFFIDAVIT OF NOTICE

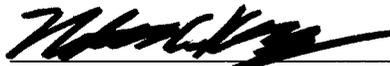
STATE OF COLORADO )  
COUNTY OF DENVER ) ss:

Nathan C. Koeniger, being duly sworn, deposes and says:

- 1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the GH 15ML-18-8-21 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
- 3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 29<sup>th</sup> day of August 2008.

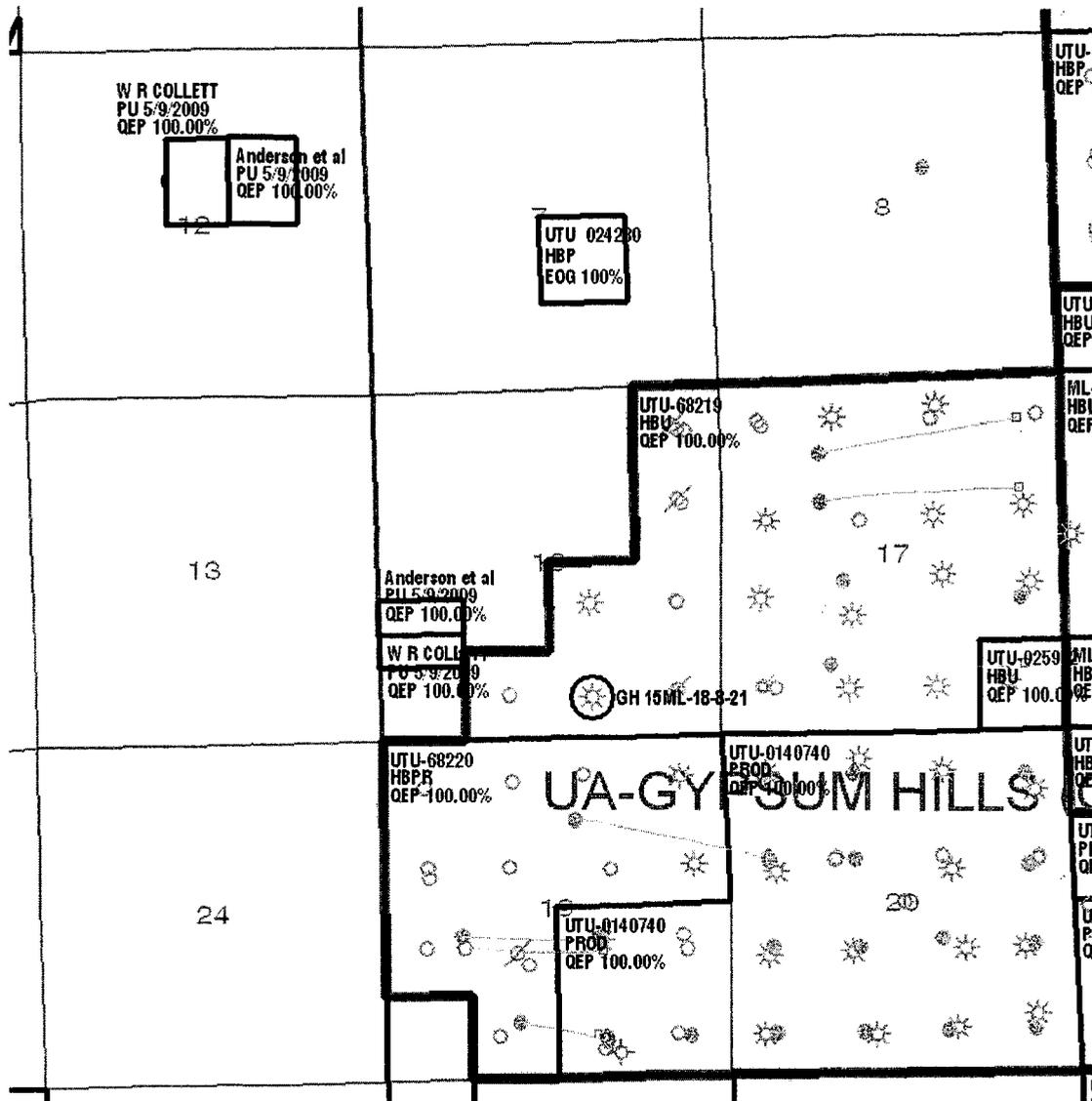
  
Printed Name: Nathan C. Koeniger

The foregoing instrument was sworn to and subscribed before me this 29<sup>th</sup> day of August 2008, by Nathan C. Koeniger.

  
Notary Public

THERESA CHATMAN  
-NOTARY PUBLIC-  
STATE OF COLORADO

MY COMMISSION EXPIRES: 7/7/11



**T8S-R21E**

○ Commingled well

<p><b>Tw/Kmv</b>  <b>COMMINGLED PRODUCTION</b>          Uinta Basin—Uintah County, Utah</p>	
<p><b>Well: GH 15ML 18-8-21</b>  <b>Lease: UTU 68219</b></p>	
<p><b>QUESTAR</b>  <i>Exploration and          Production</i>  <small>1050 17th St., # 500 Denver, CO 80265</small></p>	<p>Geologist:</p>
	<p>Landman: Nate Koeniger</p>
	<p>Date: July 1, 2008</p>

MAILING LIST  
GH 15ML-18-8-21  
NOTICE OF COMMINGLING

EOG Resources, Inc.  
600 17<sup>th</sup> Street – Suite 1000N  
Denver, CO 80202  
Attn: Debbie Spears

Stonegate Resources LLC  
4994 N E Meadows Drive  
Park City, UT 84098



**Questar Exploration and Production Company**

Independence Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Tel 303 672 6900 • Fax 303 294 9632

**Rocky Mountain Region**

August 29, 2008

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

RE: Sundry Notice of Commingling

To Whom It May Concern:

Enclosed for approval, please find Questar Exploration and Production Company's Sundry Notice of Commingling for the GH 15ML-18-8-21 well located in T8S-R21E Section 18: SWSE.

Should you have any questions, please do not hesitate to contact me at (303) 672-6906 or by email at [nate.koeniger@questar.com](mailto:nate.koeniger@questar.com).

When available, it would be appreciated if an approved copy was sent to the undersigned using the letterhead address above.

Very truly yours,

Nathan C. Koeniger  
Landman

Enclosure

**RECEIVED**

**SEP 10 2008**

**DIV. OF OIL, GAS & MINING**

Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

GYPSUM HILLS

8. Well Name and No

GH 15ML-18-8-21

9. API Well No.

43-047-35323

10. Field and Pool, or Exploratory Area

GYPSUM HILLS

11. County or Parish, State

UINTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Questar Exploration & Production Co.

Contact: Mike Stahl

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-308-3613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

585' FSL 1978' FEL, SWSE, SECTION 18, T8S, R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the GH 15ML-18-8-21. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Wasatch and Mesa Verde intervals. Based upon offset production logs, the proposed initial allocation is as follows:

Wasatch Production: 20% - for 45' of net pay. Mesa Verde Production: - 80% for 223' of net pay,

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Laura Bills

Title

Associate Regulatory Affairs Analyst

Signature

*Laura Bills*

Date

June 13, 2008

THIS SPACE FOR FEDERAL OR STATE USE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Date  
Federal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

DATE: 9/30/08

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BY: [Signature] RECEIVED

(Instructions on reverse)

Case 173-22 SEP 10 2008

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

**ROUTING**  
**CDW**

Change of Operator (Well Sold)

**X - Operator Name Change**

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

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: (New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	--

CA No.		Unit:		GYPSUM HILLS (GRRV)				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
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: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		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: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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>Operator Name Change</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.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:  
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
 Utah State Bond Number: ~~965003033~~ *965010695*  
 Fee Land Bond Number: ~~965003033~~ *965010695*  
 BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**  
JUN 28 2010  
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
 GYPSUM HILLS (GRRV)  
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GH 1-19	19	080S	210E	4304731065	5355	Federal	OW	P	
GH 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
GH 4-21	21	080S	210E	4304731826	5355	Federal	OW	P	
GH 5-21	21	080S	210E	4304731827	5355	Federal	OW	P	
GH 9	20	080S	210E	4304732304	5355	Federal	OW	DRL	C
GH 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GH 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GH 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GH 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GH 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GH 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GH 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GH 10W-19-8-21	19	080S	210E	4304733528	12736	Federal	GW	P	
GH 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
WV 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P	
WV 5W-17-8-21	17	080S	210E	4304733954	13332	Federal	GW	P	
WV 7W-17-8-21	17	080S	210E	4304733956	13330	Federal	GW	P	
GH 9W-17-8-21	17	080S	210E	4304734150	13392	Federal	GW	P	
GH 16W-17-8-21	17	080S	210E	4304734156	13354	Federal	GW	P	
WVX 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P	
GHX 15W-17-8-21	17	080S	210E	4304734562	13674	Federal	GW	P	
GHX 13HG-17-8-21	17	080S	210E	4304734723	5355	Federal	OW	P	
GH 1G-17-8-21	17	080S	210E	4304734927	5355	Federal	OW	P	
WVX 2W-17-8-21	17	080S	210E	4304734928	14253	Federal	GW	P	
WVX 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	P	
GH 4MU-20-8-21	20	080S	210E	4304735068	14213	Federal	GW	P	
GH 13MU-20-8-21	20	080S	210E	4304735070	14817	Federal	GW	P	
GH 5W-20-8-21	20	080S	210E	4304735097	14557	Federal	GW	P	
WVX 3MU-17-8-21	17	080S	210E	4304735318	14113	Federal	GW	P	
GH 15ML-18-8-21	18	080S	210E	4304735323	15483	Federal	GW	P	
GH 1ML-19-8-21	19	080S	210E	4304735324	14824	Federal	GW	P	
WVX 14MU 17-8-21	17	080S	210E	4304735369	14098	Federal	GW	P	
WVX 12MU-17-8-21	17	080S	210E	4304735370	15108	Federal	GW	P	
WVX 8MU-19-8-21	19	080S	210E	4304735372	14241	Federal	GW	P	
GH 10ML-18-8-21	18	080S	210E	4304735391	15482	Federal	GW	P	
GH 8G-17-8-21	17	080S	210E	4304737992	5355	Federal	OW	P	
GH 16G-17-8-21	17	080S	210E	4304737993	5355	Federal	OW	P	
GH 8G-18-8-21	18	080S	210E	4304738661		Federal	GW	APD	C
GH 6-20-8-21	20	080S	210E	4304738662	17041	Federal	GW	P	

Bonds: BLM = ESB000024  
 BIA = 956010693  
 State = 965010695



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roy L. Bankart*

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS