



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

May 30, 2007

Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

ATTENTION: Mr. Jim Ashley

ATTENTION: Ms. Diana Mason

WV #13AD-8-8-22R  
Section 8-T8S-R22E  
Uintah County, Utah

Dear Mr. Ashley and Ms. Mason:

On May 12, 2007, Questar Exploration and Production spud the WV 13AD-8-8-22 well. Subsequently the initial surface hole collapsed. Enclosed please find the completion report for the initial surface hole location and a new APD for the replacement well, WV 13AD-8-8-22R. The 8 point drilling plan, surface use plan and associated pipeline remain as approved by your respective offices for the original well. With the exception of the surface hole footages, no changes have been made.

Please process this paperwork at your earliest convenience. Upon approval, Questar Exploration and Production will once again begin operations on this well pad. All surface disturbance has been completed; no additional surface disturbance is necessary.

If you have any questions, please contact Debbie Stanberry at (303) 308-3068, (303) 241-1336 cell. Thank you.

Sincerely,

Debra K. Stanberry  
Supervisor, Regulatory Affairs

Enclosures

RECEIVED  
MAY 31 2007  
DIV. OF OIL, GAS & MINING

# RIG SKID

Form 3160-3  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No. UTU-22158	
6. If Indian, Allottee or Tribe Name n/a	
7. If Unit or CA Agreement, Name and No. Wonsits Valley Unit	
8. Lease Name and Well No. WV 13AD-8-8-22R	
9. API Well No. 43-047-39321	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Wonsits Valley 910
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. And Survey or Area Sec. 8 T8S R22E SLBM
2. Name of Operator QUESTAR EXPLORATION AND PRODUCTION COMPANY	12. County or Parish Uintah
3a. Address 1571 E 1700 S VERNAL UT 84078	13. State Utah
3b. Phone No. (include area code) (303) 308-3068	14. Distance in miles and direction from the nearest town or post office* +/- 11 miles east of Ouray, Utah
4. Location of well (Report location clearly and in accordance with any State requirements. *) At surface 630427X 4443626Y 40.134744 1280' FSL x 1252' FWL SW/4SW/4 At proposed prod. zone -109.469089 same	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) +/- 1252' 1278.24
16. No. of acres in lease 1278.24	17. Spacing Unit dedicated to this well 20
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. +/- 1000' 16,700'	20. BLM/ BIA Bond No. on file ESB000024
21. Elevations (Show whether DF, RT, GR, etc.) 5056' GR	22. Aproximate date work will start* immediately upon approval
	23. Estimated duration 70 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:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the 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 existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/ or plans as may be required by the a authorized officer.

25. Signature 	Name (Printed/ Typed) Debra K. Stanberry	Date 5/29/2007
Title Supervisor, Regulatory Affairs		

Approved By (Signature) 	Name (Printed/ Typed) BRADLEY G. HILL	Date 06-04-07
Title Off ENVIRONMENTAL MANAGER		

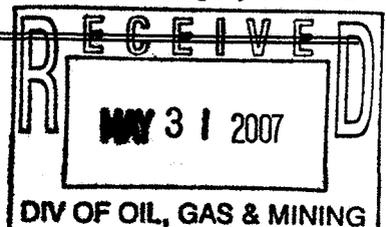
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to co operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

**Federal Approval of this  
Action is Necessary**



T8S, R22E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

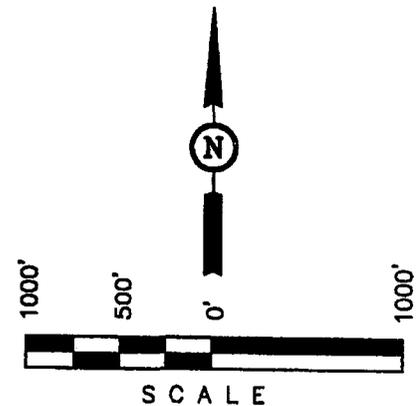
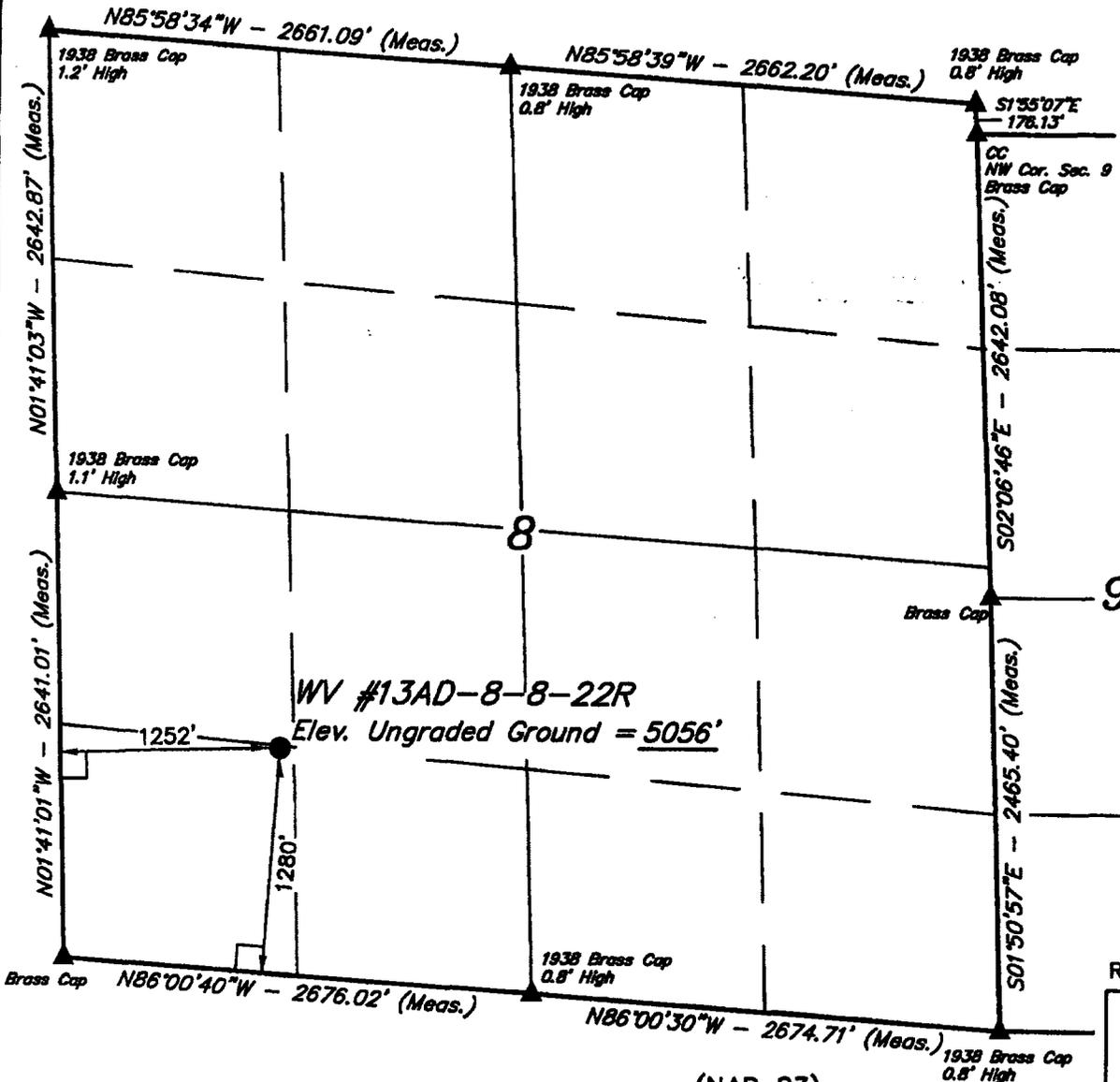
Well location, WV #13AD-8-8-22R, located as shown in the SW 1/4 of Section 8, T8S, R22E, S.L.B.&M. Uintah County, Utah.

**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, UTAH 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.



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



REVISED: 05-29-07

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

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

(NAD 83)  
 LATITUDE = 40°08'04.95" (40.134708)  
 LONGITUDE = 109°28'11.28" (109.469800)  
 (NAD 27)  
 LATITUDE = 40°08'05.08" (40.134744)  
 LONGITUDE = 109°28'08.81" (109.469114)

SCALE 1" = 1000'	DATE SURVEYED: 12-27-05	DATE DRAWN: 01-24-06
PARTY D.A. C.F. L.K.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

## **Additional Operator Remarks**

Questar Exploration and Production Company proposes to drill a well to 16,700' to test the Mancos. 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.

See attached Onshore No. 1

Please be advised that Questar Exploration and Production Company 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 Questar Exploration and Production Company via surety as consent as provided for the 43 CFR 3104.2.

This well is a replacement well for the WV 13AD-8-8-22. The original surface hole collapsed May 13, 2007 and was subsequently plugged.

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</u>
Uinta	Surface
Green River	2,970'
Wasatch	6,290'
Mesaverde	9,185'
Sego	11,395'
Castlegate	11,615'
Blackhawk	11,946'
Mancos Shale	12,385'
Mancos B	12,836'
Frontier	15,510'
Dakota Silt	16,383'
Dakota	16,372'
Morrison	16,615'
TD	16,700'

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</u>
Gas	Wasatch	6,290'
Gas	Mesaverde	9,185'
Gas	Blackhawk	11,946'
Gas	Mancos Shale	12,385'
Gas	Mancos B	12,836'
Gas	Dakota	16,700'

DRILLING PROGRAM

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. 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. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth. The choice of BOP stacks is based on the drilling contractor's availability.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 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 the 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 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	Sfc	40-60'	Steel	Cond.	None	Used
14-3/4"	10-3/4"	Sfc	1100'	40.5	J-55	LTC	New
8-3/4"	7"	Sfc	9000'	26	HCP-110	LTC	New
8-3/4"	7"	9000'	11,500'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	16,700'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
40.5"	40.5 lb.	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

\* Special Drift

**MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

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  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. 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 15.4 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.

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

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500’ to TD

DRILLING PROGRAM

GR-SP-Induction, Neutron Density, FMI

- D. Formation and Completion Interval: Mancos 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**

**20" Conductor:**

Cement to surface with construction cement.

**10-3/4" Surface Casing: sfc – 1100' (MD)**

**Slurry:** 0' – 1100'. 1020 sxs (1224 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl<sub>2</sub> Slurry wt: 15.6 ppg, slurry yield: 1.20 ft<sup>3</sup>/sx, slurry volume: 12/1/4" hole + 100% excess.

**7" Intermediate Casing: sfc - 11,500' (MD)**

**Foamed Lead Slurry 2:** 6,000' – 11,000'. 762 sks (1127 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesalant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry yield foamed: 1.96 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

**Tail Slurry:** 11,000' – 11,500'. 76 sks (113 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

**4-1/2" Production Casing: sfc - 16,700' (MD)**

**Lead/Tail Slurry:** 6,000 - 16,700'. 768 sks (1259 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. 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.

DRILLING PROGRAM

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

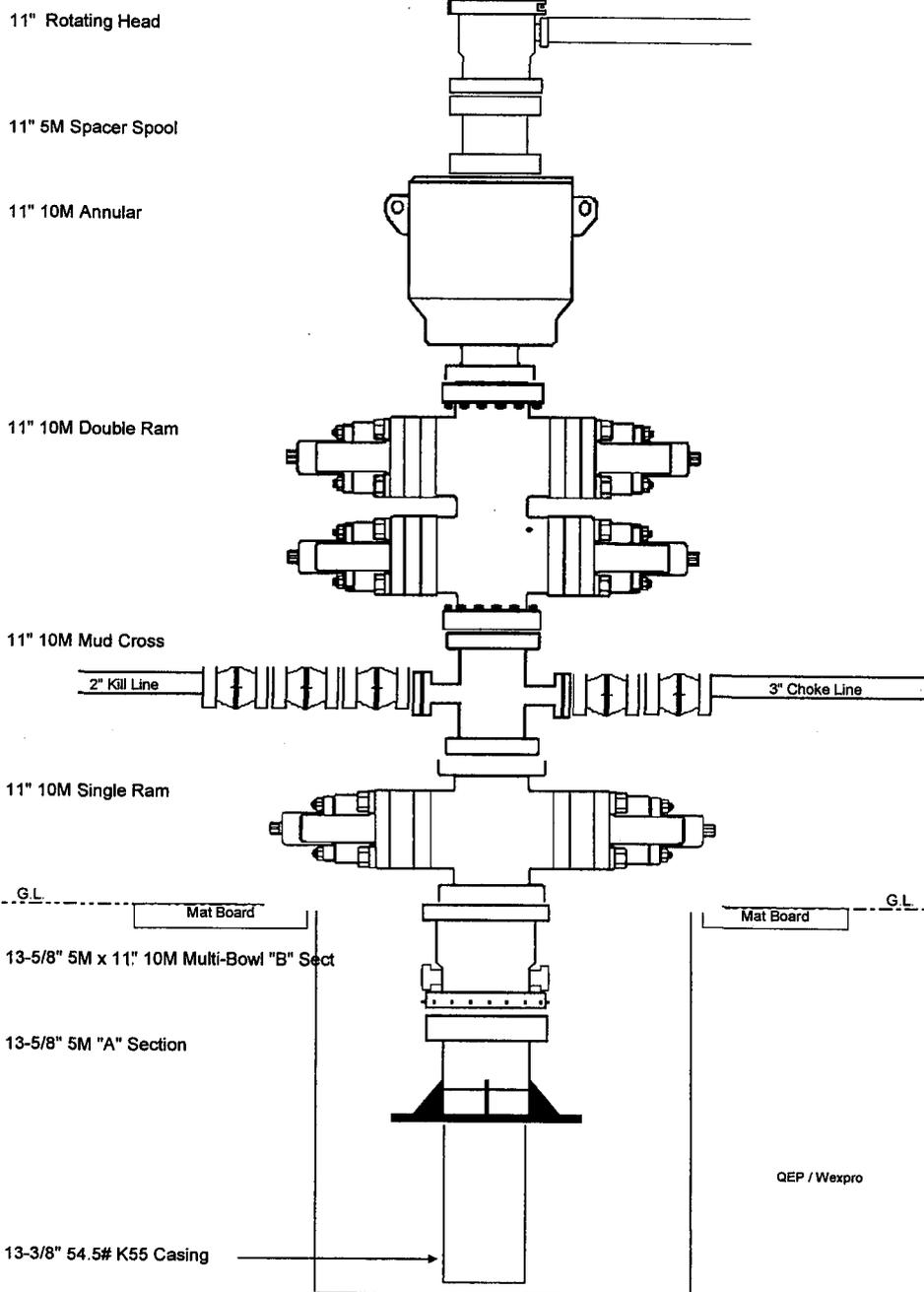
No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 10,420 psi. Maximum anticipated bottom hole temperature is 320° F.

DRILLING PROGRAM

Purpose:

Either an 11" 10,000 psi stack or an 13-5/8" 10,000 psi stack will be used for well control in the slim hole environment.

BOP Requirements:



QUESTAR EXPLORATION AND PRODUCTION COMPANY

WV 13AD-8-8-22R  
1280' FSL x 1252' FWL  
SW 1/4, SECTION 8, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # UTU-22158

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the WV 13AD-8-8-22 on February 7, 2006. Weather conditions were cold and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Nate West	Bureau of Land Management
Jan Nelson	Questar Exploration and Production Company

1. **Existing Roads:**

The proposed well site is approximately 11 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 roads.

2. **Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 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 Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

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

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

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

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

6. **Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

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

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

8. **Ancillary Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 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.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

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

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**Interim Reclamation**

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the success of reclamation.

**Seed Mix:**

*Interim Reclamation:*

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Thread Grass

*Final Reclamation:*

Seed Mix # 2      3 lb. Western Wheat Grass, 3 lbs. Needle & Thread Grass, 2 lbs. Fourwing Saltbush  
1 lb. Globe Mellow & 4 lbs. Hycrest Crested Wheat.

11. **Surface Ownership:**

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

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.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

QUESTAR EXPLORATION AND PRODUCTION COMPANY  
**Request for Exception to Buried Pipeline**  
for  
**WV 13AD-8-8-22R**

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: *“As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation.”* QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

**Class IV VRM**

- ♦ This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- ♦ QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

**Environmental and Safety Concerns**

- ♦ Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- ♦ Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- ♦ With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- ♦ Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- ♦ The additional surface disturbance will increase the risk of disturbing paleontological sites.

### **Operational and Mechanical Concerns for Gas Lines**

- ♦ Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- ♦ Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- ♦ Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in "freeze boxes" or "valve boxes". Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- ♦ Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- ♦ Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- ♦ This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- ♦ Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

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

Debra K. Stanberry  
Questar Exploration and Production Company  
Denver, Colorado  
(303) 308-3068

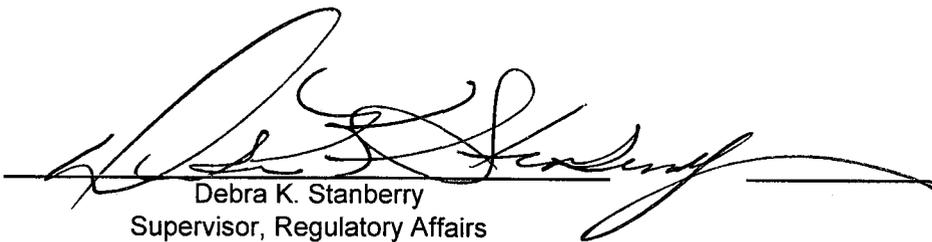
**Certification:**

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.

Questar Exploration and Production Company 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 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 Questar Exploration and Production Company, 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.

  
Debra K. Stanberry  
Supervisor, Regulatory Affairs  
Questar Exploration and Production Company

29-May-07  
Date

# QUESTAR EXPLR. & PROD.

WV #13AD-8-8-22R

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 8, T8S, R22E, S.L.B.&M.

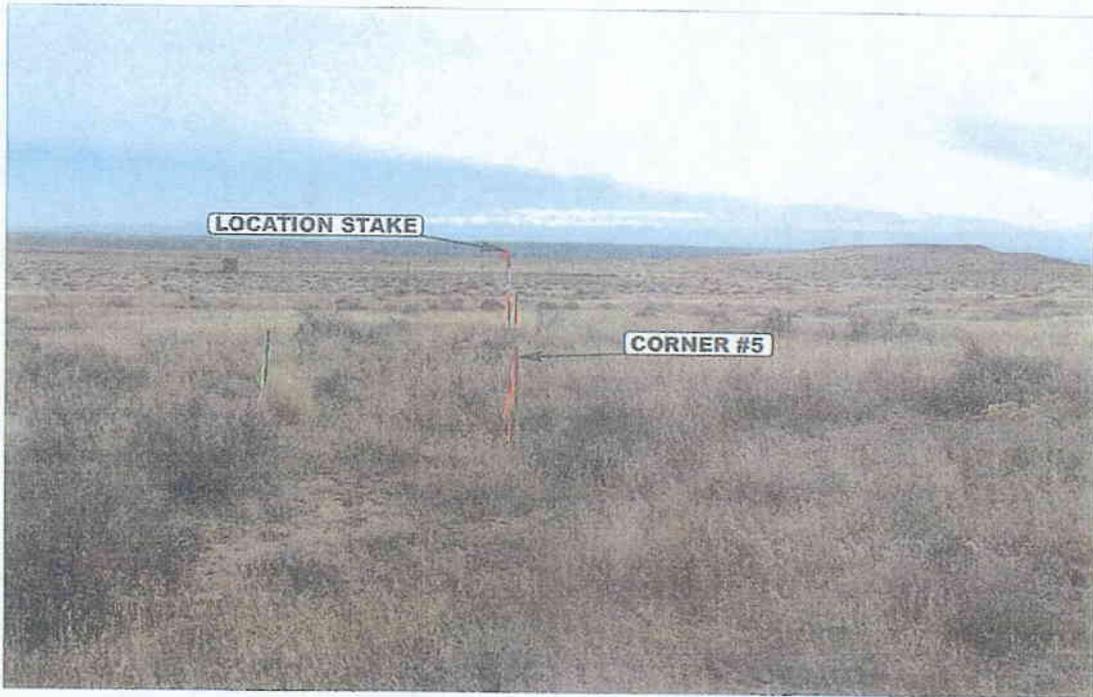


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

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

**LOCATION PHOTOS**

**01 09 06**  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: C.P.

REV: 05-29-07 L.K.

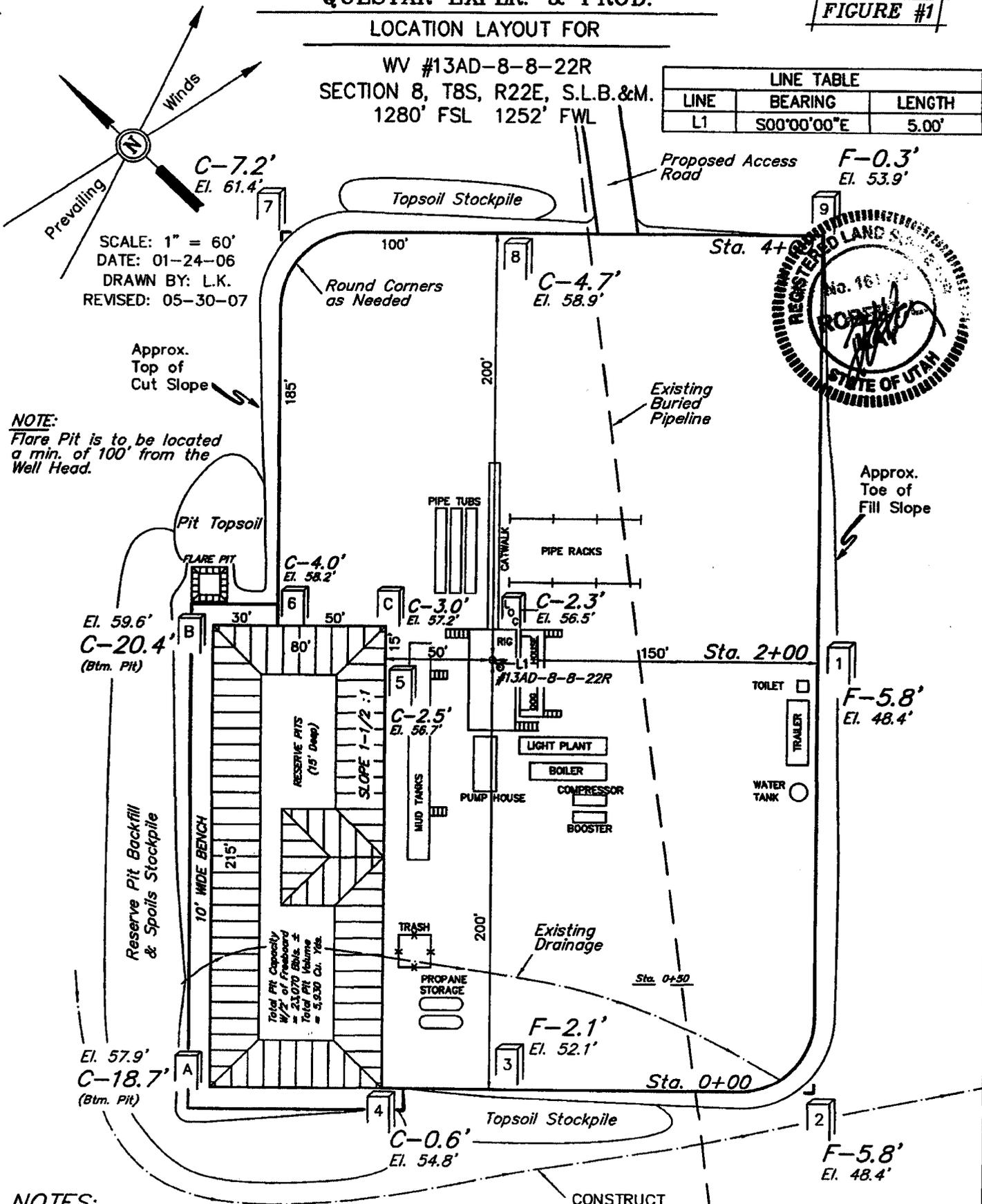
QUESTAR EXPLR. & PROD.

FIGURE #1

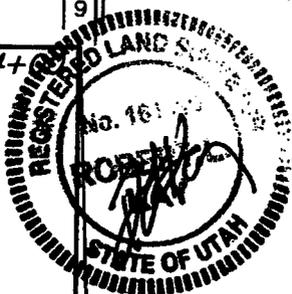
LOCATION LAYOUT FOR

WV #13AD-8-8-22R  
SECTION 8, T8S, R22E, S.L.B.&M.  
1280' FSL 1252' FWL

LINE TABLE		
LINE	BEARING	LENGTH
L1	S00°00'00"E	5.00'



SCALE: 1" = 60'  
DATE: 01-24-06  
DRAWN BY: L.K.  
REVISED: 05-30-07



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

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5056.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5054.2'

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

**QUESTAR EXPLR. & PROD.**

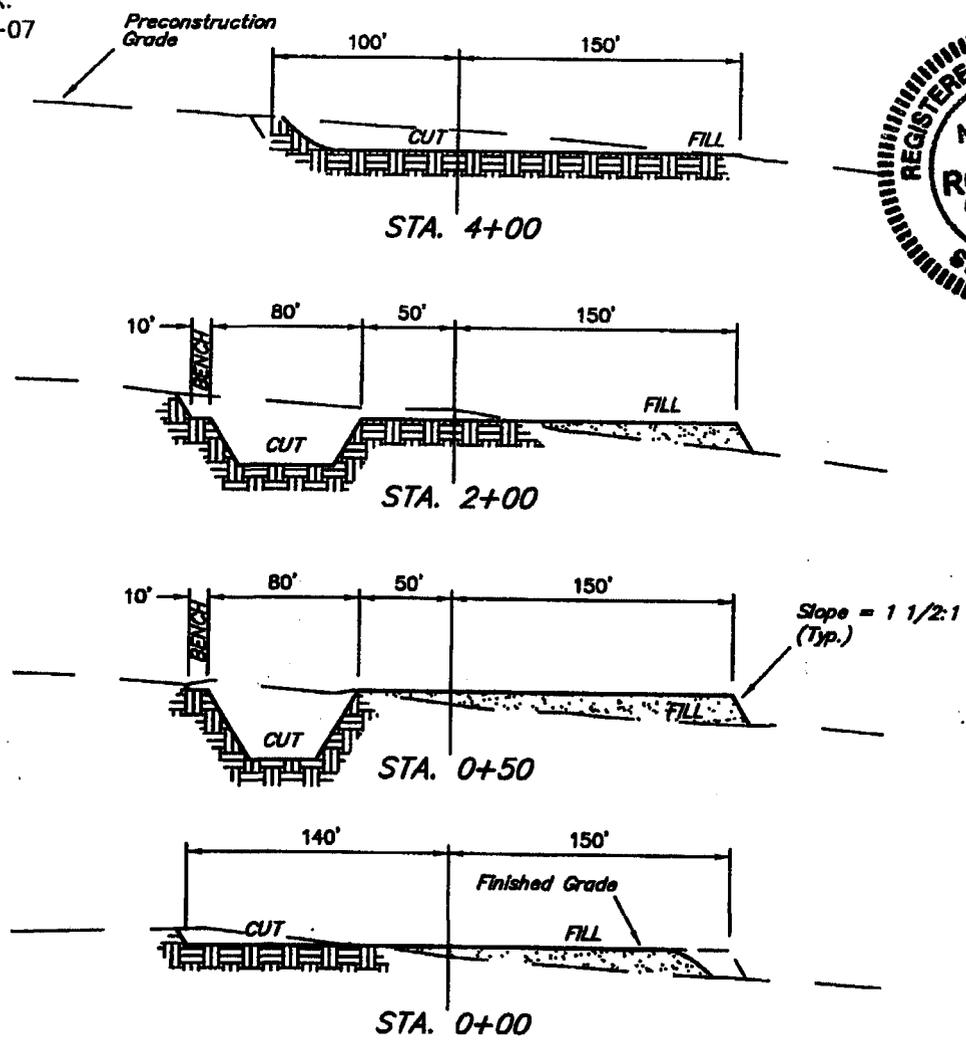
**FIGURE #2**

**TYPICAL CROSS SECTIONS FOR**

**WV #13AD-8-8-22R  
SECTION 8, T8S, R22E, S.L.B.&M.  
1280' FSL 1252' FWL**

1" = 40'  
X-Section  
Scale  
1" = 100'

DATE: 01-24-06  
DRAWN BY: L.K.  
REVISED: 05-30-07



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

**\* NOTE:**  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 2,260 Cu. Yds.
Remaining Location	= 10,240 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 12,500 CU.YDS.</b>
<b>FILL</b>	<b>= 7,270 CU.YDS.</b>

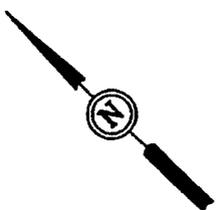
EXCESS MATERIAL	= 5,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,230 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 788-1017

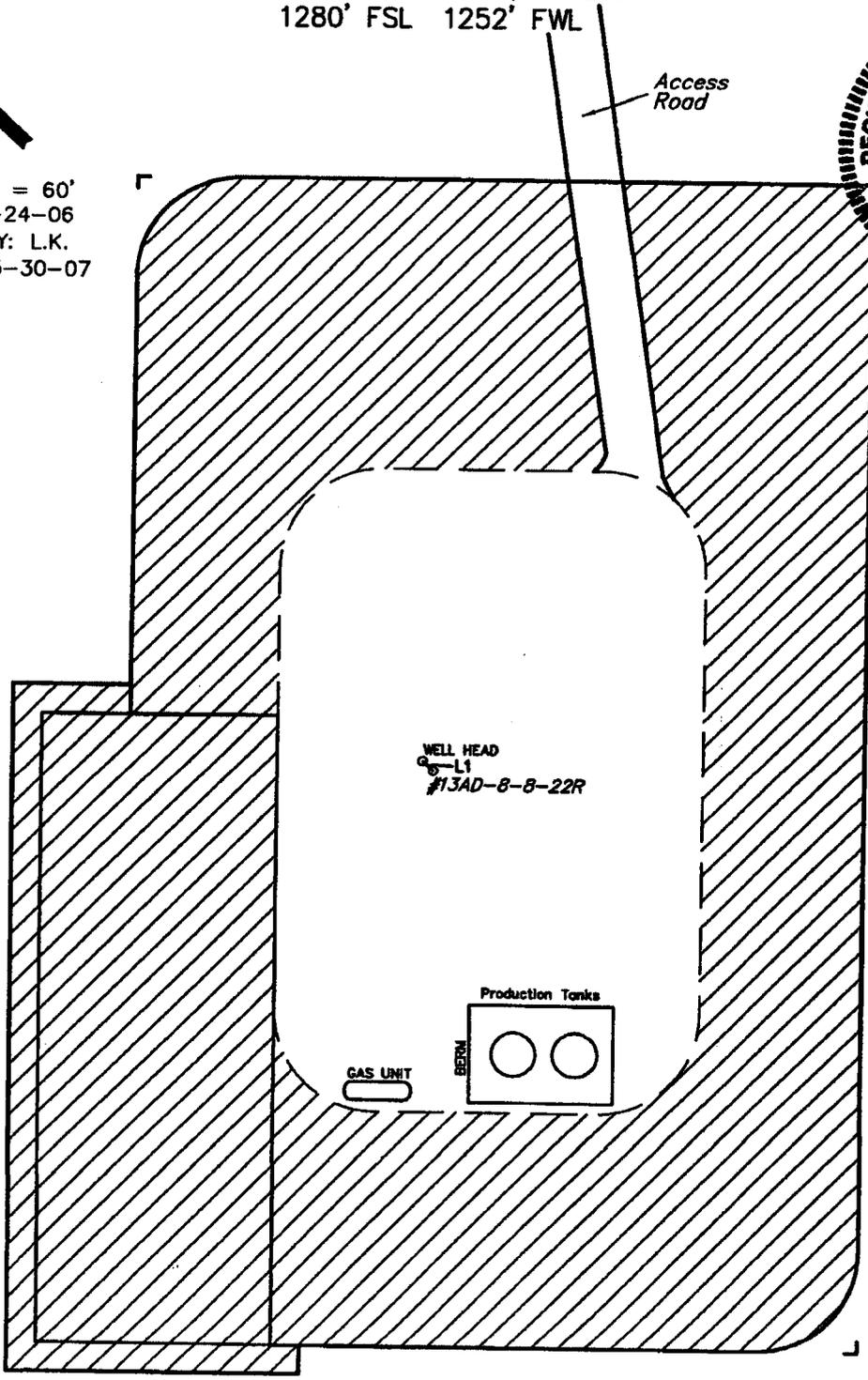
**QUESTAR EXPLR. & PROD.**  
**INTERIM RECLAMATION PLAN FOR**

**FIGURE #3**

WV #13AD-8-8-22R  
 SECTION 8, T8S, R22E, S.L.B.&M.  
 1280' FSL 1252' FWL

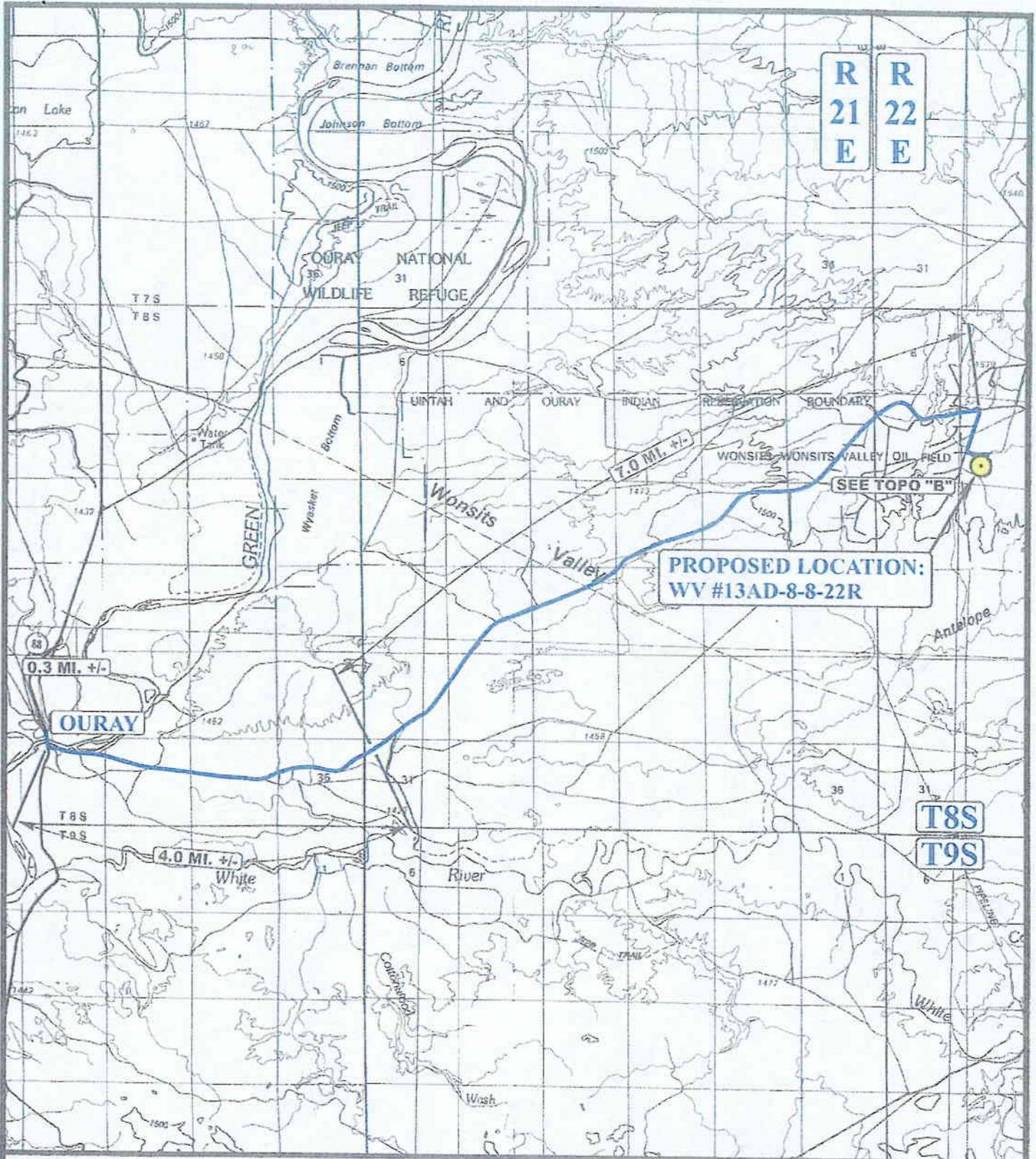


SCALE: 1" = 60'  
 DATE: 01-24-06  
 DRAWN BY: L.K.  
 REVISED: 05-30-07



LINE TABLE		
LINE	BEARING	LENGTH
L1	S00°00'00"E	5.00'

INTERIM RECLAMATION



**LEGEND:**

 PROPOSED LOCATION



**QUESTAR EXPLR. & PROD.**

**WV #13AD-8-8-22R**  
**SECTION 8, T8S, R22E, S.L.B.&M.**  
**1280' FSL 1252' FWL**



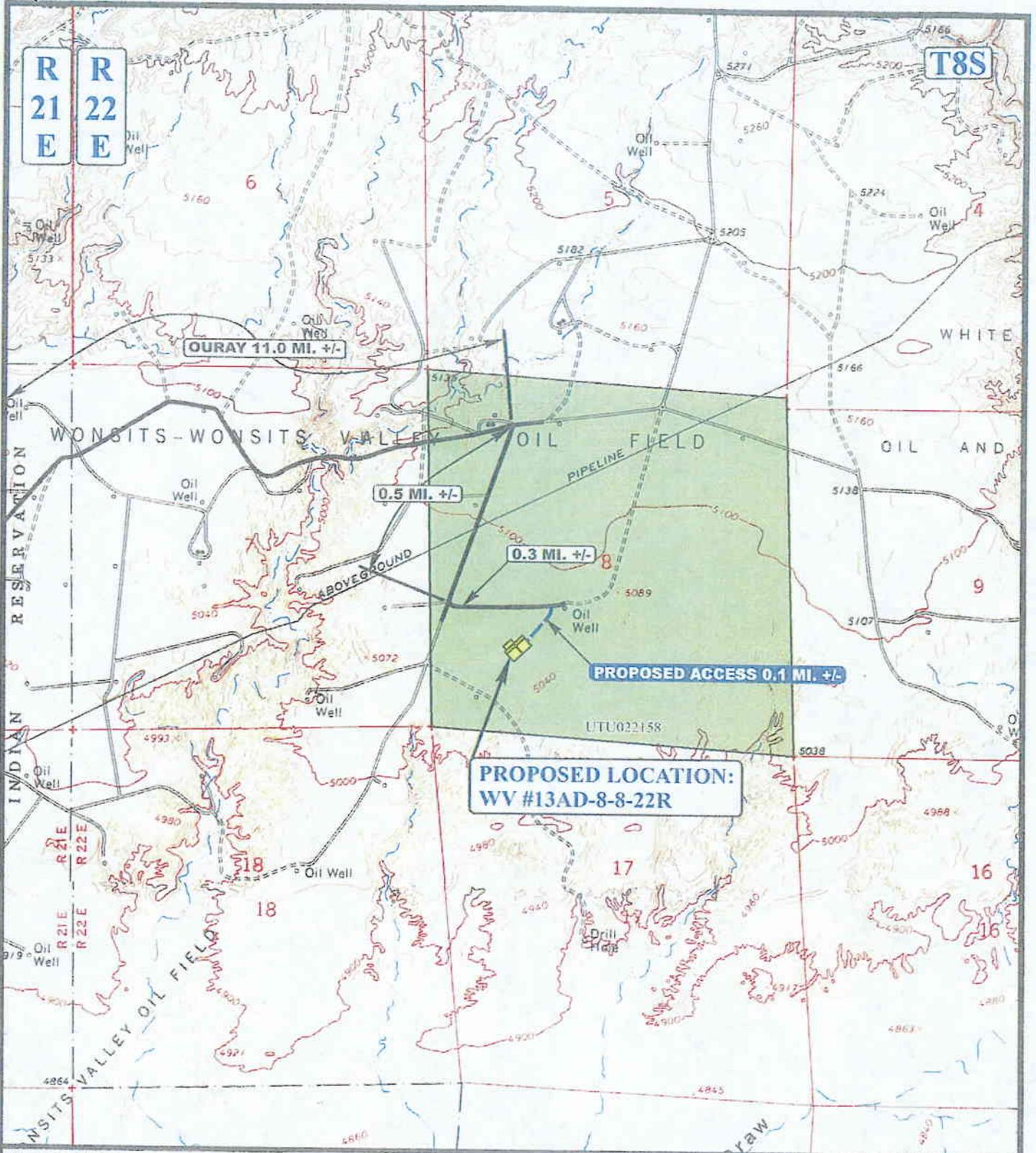
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

<b>01</b>	<b>09</b>	<b>06</b>
MONTH	DAY	YEAR



SCALE: 1:100,000 | DRAWN BY: C.P. | REV: 05-29-07 L.K.



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

**QUESTAR EXPLR. & PROD.**

WV #13AD-8-8-22R  
 SECTION 8, T8S, R22E, S.L.B.&M.  
 1280' FSL 1252' FWL



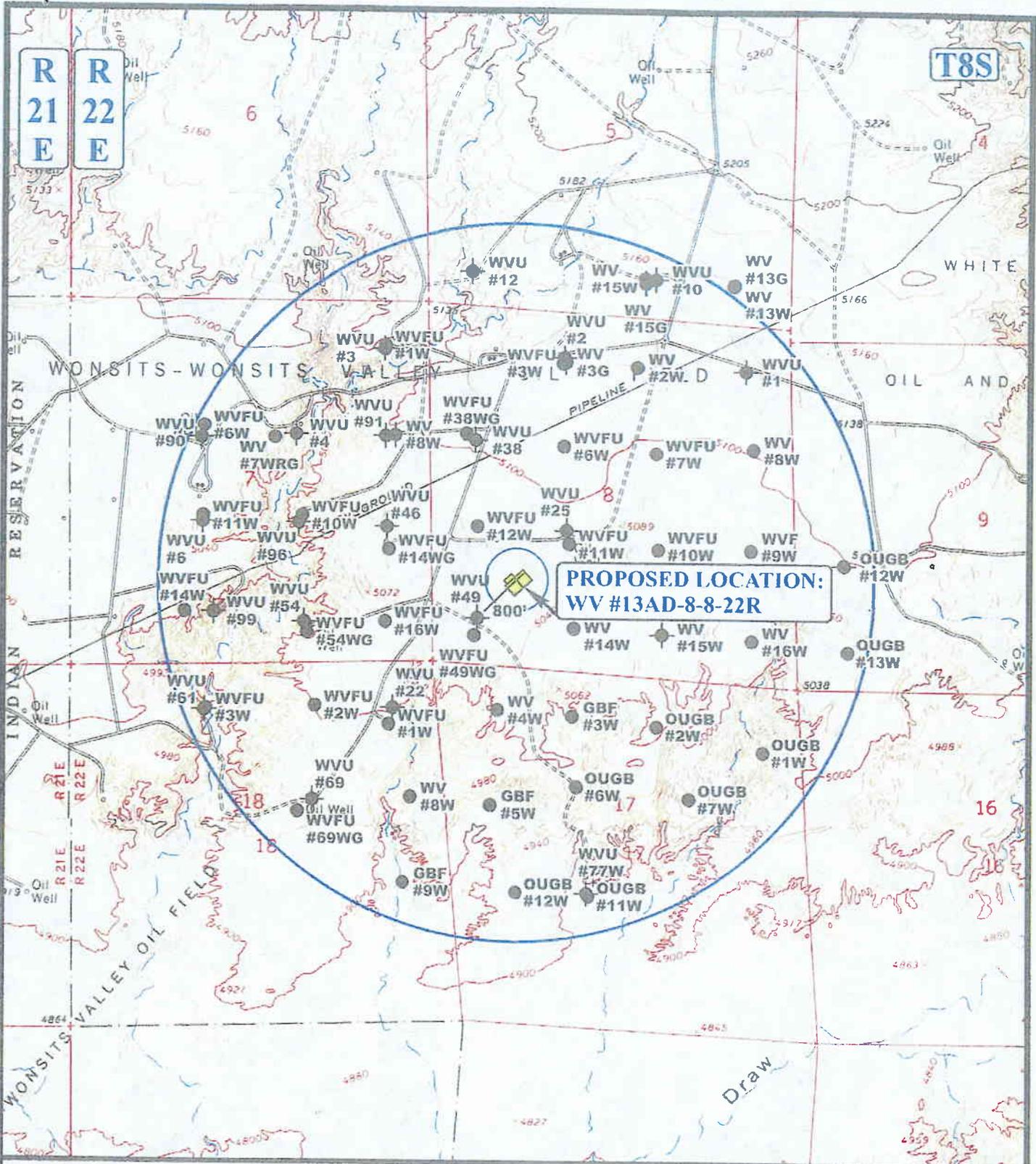
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** 01 09 06  
**MAP** MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REV: 05-29-07 L.K.





**LEGEND:**

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

**QUESTAR EXPLR. & PROD.**

**WV #13AD-8-8-22R**  
**SECTION 8, T8S, R22E, S.L.B.&M.**  
**1280' FSL 1252' FWL**



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

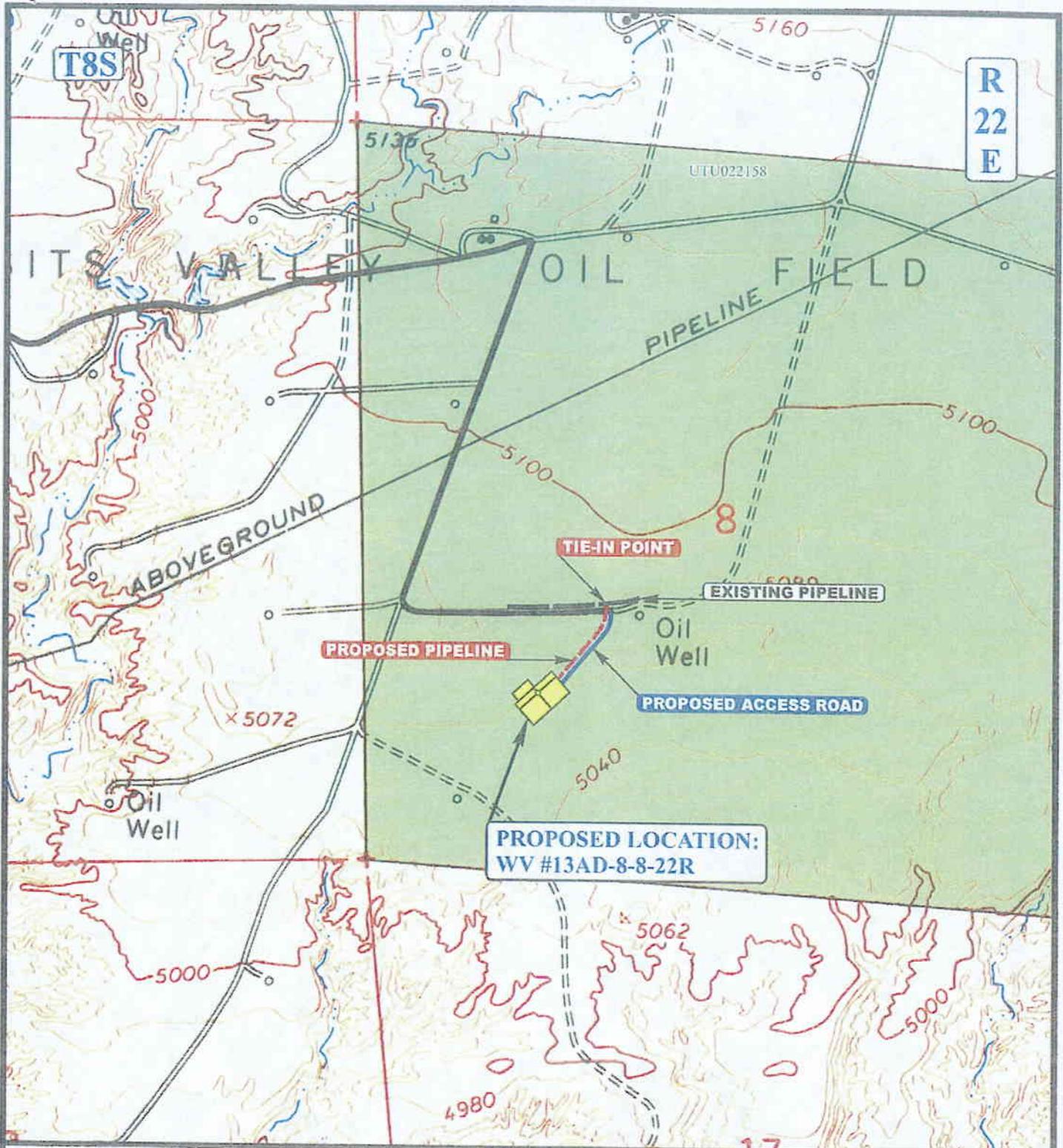


**TOPOGRAPHIC**  
**MAP**

**01 09 06**  
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: C.P. REV: 05-29-07 L.K.



APPROXIMATE TOTAL PIPELINE DISTANCE = 613' +/-

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

QUESTAR EXPLR. & PROD.

WV #13AD-8-8-22R  
SECTION 8, T8S, R22E, S.L.B.&M.  
1280' FSL 1252' FWL



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

TOPOGRAPHIC  
MAP

01 09 06  
MONTH DAY YEAR

D  
TOPO

SCALE: 1" = 1000' DRAWN BY: C.P. REV: 05-29-07 L.K.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/31/2007

API NO. ASSIGNED: 43-047-39321

WELL NAME: WV 13AD-8-8-22R(RIGSKID)

OPERATOR: QUESTAR EXPLORATION & ( N5085 )

PHONE NUMBER: 303-308-3068

CONTACT: DEBRA STANBERRY

PROPOSED LOCATION:

SWSW 08 080S 220E  
 SURFACE: 1280 FSL 1252 FWL  
 BOTTOM: 1280 FSL 1252 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.13475 LONGITUDE: -109.4691  
 UTM SURF EASTINGS: 630427 NORTHINGS: 4443626  
 FIELD NAME: WONSITS VALLEY ( 710 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-22158  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MRSN  
 COALBED METHANE WELL? NO

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)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: WONSITS VALLEY
- R649-3-2. General
- Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 187-6
- Eff Date: 8-1-01
- Siting: 460' from unit boundary
- R649-3-11. Directional Drill

COMMENTS:

See Separate file

STIPULATIONS:

1. See separate approval

# WONSITS VALLEY FIELD

WV 16G-6-8-22  
SU 16W-6-8-22

WRU B (14-4D)

T8S R22E

WVX 13G-5-8-22  
SU 13W-5-8-22

STIRRUP U 14W-5-8-22  
STIRRUP U 14G-5-8-22

SU 15W-5-8-22  
WVU 10

SU 16W-5-8-22

OU GB 13W-4-8-22

WVX 15G-5-8-22

WONSITS VALLEY 1G-7-8-22

WVU 3  
WV 1W-7-8-22

WV 4W-8-8-22  
WV 4G-8-8-22

WV 3G-8-8-22

WVU 2

WV 3W-8-8-22

WV 2W-8-8-22

WVU 1  
WV 1W-8-8-22

OU GB 4W-9-8-22

CAUSE: 187-6 / 8-2-2001

## WONSITS VALLEY UNIT

WONSITS VALLEY 5G-8-8-22

WVU 91  
WV 8W-7-8-22

WV 38 WG  
WVU 38

WV 6W-8-8-22

WV 7W-8-8-22

WV 8W-8-8-22

WRU GB 5M-9-8-22

WVU 46  
WONSITS VALLEY 9G-7-8-22

WVU 46 WG

WV 12W-8-8-22

WV 11G-8-8-22  
WVU 25

WV 11W-8-8-22

WV 10W-8-8-22

WV 9W-8-8-22

OU GB 12W-9-8-22

WV 14D-8-8-22R (RIGSKID)  
WV 14D-8-8-22

WVU 49  
WV 13G-8-8-22  
WV 49 WG  
WV 13CML-8-8-22

WV 14W-8-8-22

WV 15W-8-8-22

WV 16W-8-8-22

OU GB 13W-9-8-22

WV 16W-7-8-22

WVU 22  
WV 1W-18-8-22

WV 8BML-18-8-22  
WVU 119

WV 8W-18-8-22

WV 4W-17-8-22

WV 14W-8-8-22

WV 15W-8-8-22

WV 16W-8-8-22

OU GB 4W-16-8-22

OU GB 3W-17-8-22

OU GB 2W-17-8-22

OU GB 1W-17-8-22

OU GB 6W-17-8-22

OU GB 7W-17-8-22

OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 8 T.8S R.22E

FIELD: WONSITS VALLEY (710)

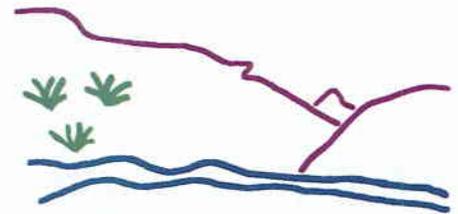
COUNTY: UINTAH

CAUSE: 187-6 / 8-2-2001

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 1-JUNE-2007

1a Type of Well  Oil Well  Gas Well  Dry  Other

b Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resvr

Other \_\_\_\_\_

6 INDIAN ALLOTTEE OR TRIBE NAME  
N/A

7 UNIT AGREEMENT  
**WONSITS VALLEY UNIT**

2. Name of Operator  
 Questar Exploration and Production Company

8 FARM OR LEASE NAME  
**WV 13AD-8-8-22**

3. Address  
**1571 E 1700 S VERNAL UT 84078**

3a Phone No (include area code)  
**(303) 308-3068**

9 API WELL NO  
**43-047-37945**

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface  
**1285' FSL x 1252' FWL SW/4 SECTION 8-T8S-R22E**

At top prod. Interval reported below  
**same**

At total depth  
**same**

10 FIELD NAME  
**Wonsits Valley**

11. SEC T, R, M., OR BLOCK AND SURVEY OR AREA  
8 T8S R22E

12. COUNTY OR PARISH  
**UINTAH**

13 STATE  
**UTAH**

14 Date Spudded  
5/12/2007

15. Date T D Reached  
5/13/2007

16 Date Completed 5/14/07  
**X P & A** Ready to Prod

17. ELEVATIONS (DF, RKB, RT, GR, etc)\*

18 Total Depth MD 1040' TVD

19 Plug back T D MD TVD

20 Depth Bridge Plug Set MD TVD

21 Type Electric & other Logs Run (Submit a copy of each)  
none

22 Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/ Grade	Wt (#/ft.)	Top (MD)	Bottom(MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
14-3/4"	10-3/4"	40.5	surface	1040'		1200 sx cmt 15.8 ppg (2%CACL)		surface	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A)						
B)						
C)						
D)						

26 Perforation Record

Depth Interval	Amount and Type of Material

**RECEIVED**  
**MAY 31 2007**

DIV. OF OIL, GAS & MIN

27 Acid, Fracture Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						P+A

28a. Production- Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

\* See instructions and spaces for additional data on page 2)

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28b. Production- Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
			→						

28c. Production- Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (include Aquifers):  
 Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers:

Formation	Top	Bottom	Descriptions Contents, Etc.	Name	Top
					Measured Depth

32. Additional remarks (include plugging procedure):

Surface hole collapsed 5/13/07. P&A'd this wellbore; will skid rig on location.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/ Mechanical Logs (1 full set required)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Debra K. Stanbery Title Supervisor, Regulatory Affairs  
 Signature  Date 29-May-07

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 Questar Exploration and Production Company

3a. Address  
 1571 E 1700 S  
 VERNAL UT 84078

3b. Phone No. (include area code)  
 435-781-4032

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SW/4 SW/4 1285 1252 8 T8S R22E Long. 40.134719  
 FSL FWL

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5. Lease Serial No.  
**UTU 22158**

6. If Indian, Allottee, or Tribe Name  
 n/a

7. If Unit or CA. Agreement Name and/or No.  
**Wonsits Valley Unit**

8. Well Name and No.  
**WV 13AD-8-8-22**

9. API Well No.  
**43-047-37945**

10. Field and Pool, or Exploratory Area  
**Wonsits Valley**

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 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"/> Altering 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 checked="" 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 Operation (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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

**THIS SUNDRY IS BEING SUBMITTED TO DOCUMENT THE P&A PROCEDURE ON THIS WELLBORE:**

QUESTAR SPUD THIS WELL 5/12/07 AND WAS DRILLING THE SURFACE HOLE AND BECAME STUCK AT 1040' ON 5/13/07; UNABLE TO GET OUT OF HOLE AND HOLE COLLAPSED. EVENING OF MAY 13, 2007 INTO MORNING OF MAY 14, 2007 PUMPED 400 SACKS 15.8 PPG (2% CACL) FROM 690' TO 1035'. 5/14/07 TAGGED CEMENT AT 565'. PUMPED ANOTHER 450 SACKS OF 15.8 PPG (2% CACL) CEMENT. PULLED OUT OF HOLE AND SPOTTED 350 SACKS OF 15.8 PPG (2% CACL) CEMENT FOR FINAL PLUG AT SURFACE. HOLE FROM SURFACE TO TD FILLED WITH CEMENT. CEMENT JOBS WERE WITNSSED BY JAMIE SPARGER OF THE VERNAL BLM OFFICE. MAY 14, 2007 RIGGED DOWN AND MOVED OFF; RIG RELEASED. If additional information is needed, please contact Jan Nelson (435) 781-4032.

**RECEIVED**  
**MAY 21 2007**

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

Name (Printed/ Typed) DIV. OF OIL, GAS & MINING

Jan Nelson Regulatory Affairs

Signature Date

May 16, 2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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 \_\_\_\_\_





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- A. Name of the operator.
  - B. Lease serial number.
  - C. Well number.
  - D. Surveyed description of the well; section, township and range and either footages or quarter-quarter section.
7. Within 30 days after well bore plugging operations have been completed, Form 3160-5 (formerly Form 9-331), Subsequent Report of Abandonment, shall be submitted to this office. The report must show the location of all plugs or any mechanical setting device, quantity and type of cement and additives in each plug, amount of casing or any tubulars left in the hole, methods used to test plugs and test results, and the status of the surface restoration. If a temporary delay in the removal of equipment or surface cleanup is deemed necessary, so justify in your report. This abandonment report will be approved by this office with surface stipulations. Liability for the well shall not be released until the surface management agency approves the actual site rehabilitation.
  8. If not previously filed, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, any other surveys, and, if taken, core analysis. This completion report must be filed within 30 days after the culmination of downhole plugging operations.



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

June 4, 2007

Questar Exploration & Production Company  
1571 East 1700 South  
Vernal, UT 84078

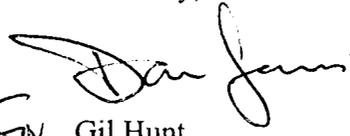
Re: WV 13AD-8-8-22R (Rigskid) Well, 1280' FSL, 1252' FWL, SW SW, Sec. 8, T. 8 South, R. 22 East, Uintah County, Utah

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 43-047-39321.

Sincerely,

  
FW Gil Hunt  
Associate Director

er  
Enclosures

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

**Operator:** Questar Exploration & Production Company

**Well Name & Number** WV 13AD-8-8-22R (Rigskid)

**API Number:** 43-047-39321

**Lease:** UTU 22158

**Location:** SW SW                      **Sec.** 8                      **T.** 8 South                      **R.** 22 East

### **Conditions of Approval**

1. **General**

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

2. **Notification Requirements**

Notify the Division with 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 Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

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.

OPERATOR: **Questar Exploration & Production, Co.**  
ADDRESS: **1571 East 1700 South**  
**Vernal, Utah 84078-8526 (435)781-4342**

ENTITY ACTION FORM - FORM 6

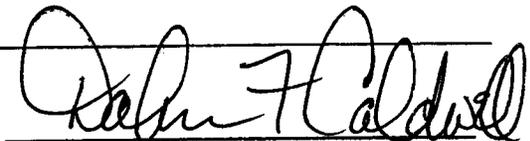
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16216	43-04739321	WV 13AD 8 8 22 R	SWSW	8	8S	22E	Uintah	5/10/2007	6/28/07
WELL 1 COMMENTS: <i>MRSN Rigskid</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 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      6/1/07  
Title      Date

Phone No. (435)781-4342

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**JUN 08 2007**

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

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-22158**

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

7. If Unit or CA, Agreement Designation  
**WONSITS VALLEY UNIT**

8. Well Name and No.  
**WV 13AD 8 8 22**

9. API Well No.  
**43-047-37945 31231**

10. Field and Pool, or Exploratory Area  
**WONSITS VALLEY**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other

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

3. Address and Telephone No. **Contact: Dahn.Caldwell@questar.com**  
**1571 E. 1700 S. - VERNAL, UT 84078-8526** **435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1285' FSL, 1252' FWL, SWSW, SEC 8-T8S-R22E**

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>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.)

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)

**On 5/10/07 - Drilled 80' of 26" conductor hole. Set 20" conductor pipe. Cement w/ Ready Mix.**

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**JUN 08 2007**

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

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** *Dahn F. Caldwell* Office Administrator II Date **6/1/07**

(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.

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Questar E & P

Operations Summary Report

Well Name: WV 13AD-8-8-22  
 Location: 8- 8-S 22-E 25  
 Rig Name: BILL JR.

*(Rig Start)*  
 43-047-39321

Spud Date:  
 Rig Release: 5/14/2007  
 Rig Number: 5

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/11/2007	09:00 - 21:00	12.00	LOC	2	DRILL 0 TO 80' WITH RAT HOLE DIGGER 26" HOLE SET 20 CONDUCTOR AND CEMENT, DRILL 75' OF MOUSE HOLE SET 12" SPUD CALLED IN TO JAMIE WITH BLM FOR 5/10/2007 11:00 RECIEVED CALL BACK FROM JAMIE
5/12/2007	06:00 - 09:00	3.00	LOC	3	MOVE IN BILL JR FIG #5
	09:00 - 11:00	2.00	LOC	4	RIG UP
	11:00 - 06:00	19.00	DRL	9	DRILL F/80' TO 960' USING 15" HAMMER 1600 CFM AIR AND 8 GAL PER MIN WATER, HOLE GETTING TIGHT
5/13/2007	06:00 - 15:00	9.00	DRL	9	DRILL F/960'-990' HOLE TIGHT NOT UNLOADING WORK TIGHT HOLE
	15:00 - 18:00	3.00	TRP	10	TRIP OUT AND PUT TRICONE ON
	18:00 - 20:00	2.00	REAM	1	WASH AND REAM 10 JTS TO BOTTOM
	20:00 - 03:00	7.00	DRL	1	DRILL F/990' TO 1040' HOLE TIGHT LET HOLE CLEAN UP BETWEEN CONNECTIONS
5/14/2007	03:00 - 06:00	3.00	FISH	6	PIPE STUCK AT 1040' NO CIRCULATION WITH AIR, HAVE BIG FOUR ON THE WAY TO PUMP AGAINST HOLE
	06:00 - 07:00	1.00	FISH	6	HOOK UP BIG 4 TO STAND PIPE AND ATTEMPT TO BREAK CIRCULATION, NO CIRCULATION, PULL 1 JT AND PIPE WOULD NOT MOVE ANY MORE
	07:00 - 10:00	3.00	FISH	4	FREE POINT AND BACK OFF ABOVE 8" DC
5/15/2007	10:00 - 19:30	9.50	TRP	2	TRIP OUT AND PICK UP 10 3/4" WASH PIPE, TRIP IN COULD NOT GET DOWN TO FISH, TRIP OUT AND LAY DOWN WASH PIPE
	19:30 - 22:30	3.00	TRP	2	TRIP IN TO P&A HOLE
	22:30 - 23:00	0.50	PA	2	PUMP 400 SKS OF 15.8 PPG 2% CC AT 690' WIL TAG TOP OF PLUG IN 8 HRS
	23:00 - 06:00	7.00	WOT	1	WOC
	06:00 - 07:00	1.00	WOT	1	WOC
	07:00 - 07:30	0.50	TRP	2	TRIP IN AND TAG TOP OF PLUG AT 570'
	07:30 - 08:30	1.00	PA	2	PUMP 450 SKS OF 15.8 PPG CEMENT
	08:30 - 09:00	0.50	TRP	2	TRIP OUT, FLUID HOLDING IN HOLE
	09:00 - 09:30	0.50	TRP	2	TRIP IN TO 200'
	09:30 - 11:00	1.50	WOT	1	WAIT ON MORE CEMENT
	11:00 - 11:30	0.50	PA	2	PUMP 350 SKS OF 15.8 PPG CEMENT BLM WAS ON LOCATION FOR PLUGGING(JAMIE)
	11:30 - 12:00	0.50	TRP	3	LAY DOWN DRILL STRING RIG RELEASED

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**JUN 6 8 2007**  
**DIV. OF OIL, GAS & MINING**

RECEIVED  
VERNAL FIELD OFFICE

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
APPLICATION FOR PERMIT TO DRILL OR REENTER

2007 MAY 31 PM 12:39

5. Lease Serial No.  
UTU-~~22158~~ 022158  
6. If Indian, Allottee or Tribe Name  
n/a

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3a. Address  
1571 E 1700 S VERNAL UT 84078

3b. Phone No. (include area code)  
(303) 308-3068

4. Location of well (Report location clearly and in accordance with any State requirements. \*)  
At surface  
1280' FSL x 1252' FWL SW/4SW/4  
At proposed prod. zone  
same

14. Distance in miles and direction from the nearest town or post office\*  
+/- 11 miles east of Ouray, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) +/- 1252'

16. No. of acres in lease  
1278.24

17. Spacing Unit dedicated to this well  
20

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. +/- 1000'

19. Proposed Depth  
16,700'

20. BLM/ BIA Bond No. on file  
ESB000024

21. Elevations (Show whether DF, RT, GR, etc.)  
5056' GR

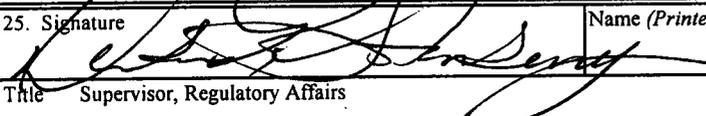
22. Approximate date work will start\*  
immediately upon approval

23. Estimated duration  
70 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:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the 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 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.

25. Signature  Name (Printed/ Typed) Debra K. Stanberry Date 5/29/2007  
Title Supervisor, Regulatory Affairs

Approved By (Signature)  Name (Printed/ Typed) JERRY KENICKA Date 6-22-2007  
Title Assistant Field Manager Office VERNAL FIELD OFFICE  
Lands & Mineral Resources

Application approval 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 operations thereon.  
Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

UDOGM  
Rig Skid  
07PP 2122A

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JUN 26 2007

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Questar Exploration &amp; Production, Co.</b>	<b>Location:</b>	<b>SWSW, Sec. 8, T8S, R22E</b>
<b>Well No:</b>	<b>WV 13AD-8-8-22R</b>	<b>Lease No:</b>	<b>UTU-022158</b>
<b>API No:</b>	<b>43-047-39321</b>	<b>Agreement:</b>	<b>Wonsits Valley Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Vacant	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.



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

**Surface COAs:**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.

### **DOWNHOLE COAs:**

#### **SITE SPECIFIC DOWNHOLE COAs:**

- 10M BOPE shall be installed on the 10 ¾ inch casing.
- A formation integrity test shall be performed before drilling more than twenty feet below the casing shoe on the surface and intermediate casing.
- The top of the intermediate casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- An approved Sundry Notice is required before adding any oil to the drilling mud.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to [UT\\_VN\\_Welllogs@BLM.gov](mailto:UT_VN_Welllogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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-022158**

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

7. If Unit or CA, Agreement Designation  
**WONSITS VALLEY UNIT**

8. Well Name and No.  
**WV 13AD 8 8 22R**

9. API Well No.  
**43-047-39321**

10. Field and Pool, or Exploratory Area  
**WONSITS VALLEY**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other

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

3. Address and Telephone No.  
**1571 E. 1700 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)  
**1280' FSL, 1252' FWL, SWSW, SEC 8-T8S-R22E**

**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>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.)

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)  
**On 6/27/07 - Drilled 80' of 26" conductor hole. Set 20" conductor pipe. Cement w/ Ready Mix.**

**RECEIVED**  
**JUL 06 2007**  
DIV. OF OIL, GAS & MINING

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** *Dahn F. Caldwell* **Office Administrator II** Date **7/2/07**

(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**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires: March 31, 2007

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 QUESTAR EXPLORATION AND PRODUCTION COMPANY

3a. Address  
 1571 E 1700 S  
 VERNAL UT 84078

3b. Phone No. (include area code)  
 303-308-3068

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SW SW 1280' 1252' 8 T8S R22E Long. 109.469800  
 FSL FWL

5. Lease Serial No.  
 UTU 022158

6. If Indian, Allottee, or Tribe Name  
 n/a

7. If Unit or CA. Agreement Name and/or No.  
 Wonsits Valley Unit

8. Well Name and No.  
 WV 13AD-8-8-22R

9. API Well No.  
 43-047-39321

10. Field and Pool, or Exploratory Area  
 Wonsits Valley

11. County or Parish, State  
 UINTAH UTAH

CONFIDENTIAL

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"/> 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"/> Altering 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 Operation (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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

QUESTAR EXPLORATION AND PRODUCTION COMPANY (QEP) REQUESTS PERMISSION TO MODIFY OUR APPROVED SETTING POINT FOR INTERMEDIATE 7" CASING IN THIS WELL. QEP CONTINUED DRILLING PAST THE APPROVED INTERMEDIATE CASING POINT OF 11,500' BECAUSE WE HAD NOT DRILLED THROUGH ALL THE LOST CIRCULATION ZONES AT THAT DEPTH. THIS DEEPER CASING POINT WILL ALLOW US TO HAVE A COMPETENT CASING SEAT. CURRENT DEPTH AS OF 6 AM 8/7/07 IS 11,763'. INTERMEDIATE CASING WILL BE SET APPROXIMATELY 370' DEEPER THAN APPROVED IN THE ORIGINAL APD (APPROVED 6/22/07 ICP 11,500'). QEP PROPOSES TO SET 7" INTERMEDIATE CASING AT 11,870'.

COPIES SENT TO OPERATOR  
8/31/07  
LHO

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 8/30/07

Federal Approval Of This  
Action Is Necessary

RECEIVED  
AUG 08 2007

Please contact Debbie Stanberry at 303-308-3068 with questions or if you need additional information.

DIV. OF OIL, GAS & MINING

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

Name (Printed/ Typed) Debra K. Stanberry Title Regulatory Affairs Supervisor

Signature *[Signature]* Date August 7, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 QUESTAR EXPLORATION AND PRODUCTION COMPANY

3a. Address  
 1571 E 1700 S  
 VERNAL UT 84078

3b. Phone No. (include area code)  
 303-308-3068

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SW SW 1280' 1252' 8 T8S R22E Long. 109.469800  
 FSL FWL

5. Lease Serial No.  
 UTU 022158

6. If Indian, Allottee, or Tribe Name  
 n/a

7. If Unit or CA. Agreement Name and/or No.  
 Wonsits Valley Unit

8. Well Name and No.  
 WV 13AD-8-8-22R

9. API Well No.  
 43-047-39321

10. Field and Pool, or Exploratory Area  
 Wonsits Valley

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"/> 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"/> Altering 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 checked="" 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 Operation (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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice 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.)

QUESTAR EXPLORATION AND PRODUCTION COMPANY (QEP) REQUESTS PERMISSION TO INCREASE TOTAL DEPTH FROM 16,700' TO 17,025' IN ORDER TO INSURE ADEQUATE EVALUATION OF THE TARGETED PRODUCTION FORMATION.

Approved by the  
Utah Division of  
Oil, Gas and Mining

COPIES TO OPERATOR  
 82707  
 RM

Date: 08-27-07  
 By: [Signature]

RECEIVED  
 AUG 24 2007

Please contact Debbie Stanberry at 303-308-3068 with questions or if you need additional information.

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
 Name (Printed/ Typed) Debra K. Stanberry Title Regulatory Affairs Supervisor  
 Signature [Signature] Date August 22, 2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Questar E & P					Page 1 of 9
Operations Summary Report					
Well Name: WV 13AD-8-8-22R			43-047-39321		Spud Date: 6/27/2007
Location: 8-8-S 22-E 26					Rig Release:
Rig Name: UNIT					Rig Number: 236
Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 21:00	15.00	WOT	4	RIG # 1 BROKE DOWN WAIT ON RIG FROM COLORADO
	21:00 - 23:00	2.00	LOC	4	RIG ON LOCATION & R/U
	23:00 - 06:00	7.00	DRL	1	DRILL 26" HOLE F/ 0 TO 80' & SET 80'- OF 20" CSG (NOTE: CALLED JAMIE SPARGER W/ BLM @ 0830 HRS OF NEW SPUD TIME)
6/29/2007	06:00 - 15:00	9.00	DRL	1	DRILL 75' MOUSEHOLE & SET 14" PIPE, CEMENT CONDUCTOR & MOUSEHOLE
7/4/2007	15:00 - 06:00				RIG DOWN & RELEASE RIG
	06:00 - 18:00	12.00	LOC	4	RIG DOWN TORQUE TUBE AND FLOOR LAY OVER DERRICK PREPARE FOR TRUCKS, MOVE TUBULARS
7/5/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	RIG DOWN MUD PUMPS, DOG HOUSE, CENTRIFUGE, MUD CLEANER, SHAKERS, GAS BUSTER, ELECTRIC AND WATER LINES, TRUCKS BE HERE IN MORNING.
7/6/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT.
	06:00 - 18:00	12.00	LOC	1	LAY OVER A LEGS, SET OFF DERRICK, PICK MOTOR PCK OFF, R/D SUB LOAD
7/7/2007					MATTING BOARDS AND STAGE OUT ON MILLER DYER LOC.
	18:00 - 06:00	12.00	LOC	1	WILL BRAKE DOWN DERRICK FRIDAY & MOVE MONDAY.
	06:00 - 18:00	12.00	LOC	1	B/D DERRICK & MOVE SET MATTING BOARDS BOTTOM SEC SUB BASE 60% 10 % R / U
7/8/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	1	MOVE LOADS TO NEW LOC 85 % MOVED AND 10% RIGGED UP. MOVE CAMPS TOMORROW
7/9/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT.
	06:00 - 18:00	12.00	LOC	3	RIG UP, SET IN SUB, SPREDDERS, MOTORS, DRAWWORKS, DERRICK, CHOKE HOUSE, TRIP TANKS, PITS AND MUD TANKS RIG MOVE 85% RIGGED UP 50% WILL MOVE CAMPS TODAY
7/10/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	SET IN BACKSIDE BUILDINGS, UPPER DOGHOUSE, BARRITE RECOVERY AND CENTRIFUGE, SHAKERS AND MUD CLEANER, START TO SET IN CAMPS RIG MOVE 100% RIG UP 60%
7/11/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	SET IN PREMIX TANK, BAR TANKS, STRING BLOCKS PUT ON BOARD GENERAL RIG UP, RIG 75%
7/12/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	HOOK UP FUEL, AIR AND WATER LINES, PREPARE TO RAISE DERRICK, SHIFTED DRAWWORKS FROM REVERSE TO FORWARD GEAR AND 2 CHAINS BROKE, RIG UP AT 80%
7/13/2007	06:00 - 18:00	12.00	LOC	4	STRESS TEST DERRICK, RAISE DERRICK AND BRIDLE DOWN, RIG UP FLOOR
	18:00 - 21:00	3.00	LOC	4	RIG UP TOP DRIVE TORQUE TUBE
7/14/2007	21:00 - 22:30	1.50	LOC	4	WELD ON CONDUCTOR PIPE
	22:30 - 06:00	7.50	LOC	4	RIG UP TOP DRIVE AND FLOW LINE
	06:00 - 17:30	11.50	LOC	4	RIG UP TOP DRIVE, REPLACE POWER CORD ON TOP DRIVE, SET TORQUE RIG UP KELLY HOSE, BAILS AND ELEVATORS, TIGHTEN BELTS TO MUD PUMPS PUT ON ROTARY CHAIN AND TONGS
	17:30 - 20:30	3.00	TRP	1	PICK UP BHA, TEST MUD LINE TO 1000 PSI
	20:30 - 06:00	9.50	DRL	1	DRILL F/80' TO 534' WOB 20, ROT 90, PS 200, PP 500 KEPT WEIGHT AND PS DOWN SO WE DID NOT DAMAGE CONDUCTOR PIPE FOR 100' BELOW CONDUCTOR
7/15/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/534' TO 627' WOB 25, ROT 114, PS 200, PP 650
	08:30 - 09:30	1.00	SUR	1	CIRCULATE SURVEY @ 581' .3 INC 162.5 AZM
	09:30 - 23:30	14.00	DRL	1	DRILL F/627' TO 1120' WOB 30, ROT 114, PS 200, PP 750 CASING POINT

Printed: 9/4/2007 2:13:01 PM

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SEP 04 2007

DIV. OF OIL, GAS & MINING

Operations Summary Report

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release:  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/15/2007	23:30 - 00:00	0.50	CIRC	1	CIRCULATE PUMP SWEEPS
	00:00 - 03:00	3.00	TRP	14	WIPER TRIP TO DC
	03:00 - 04:00	1.00	CIRC	1	CIRCULATE AND DROP SURVEY
	04:00 - 06:00	2.00	TRP	2	TRIP OUT LAY DOWN IBS'S AND 8" DC
7/16/2007	06:00 - 06:30	0.50	TRP	2	TRIP OUT TO RUN CASING
	06:30 - 08:00	1.50	TRP	1	LAY DOWN 8" DC AND IBS'S
	08:00 - 10:00	2.00	CSG	1	HOLD SAFETY MEETING WITH CASING CREW, RIG UP CASING CREW
	10:00 - 14:00	4.00	CSG	2	RUN 26 JTS OF 10 3/4" J55, 40.5 LB CASING LANDED AT 1097' KB
7/17/2007	14:00 - 15:00	1.00	CIRC	1	CIRCULATE, HELD SAFETY MEETING WITH HALLIBURTON RIG UP HALLIBURTON
	15:00 - 16:00	1.00	CMT	2	CEMENT WITH HALLIBURTON, PUMPED 238 SKS OF 11.5 PPG 2.94 YIELD LEAD CEMENT, 230 SKS OF 13.5 PPG 1.8 YIELD TAIL CEMENT DISPLACED WITH 104 BBLs OF WATER BUMPED PLUG, FLOATS HELD GOOD RETURNS DURING JOB PLUG DOWN 16:22, 7/15/2007 25 BBLs OF CEMENT TO PITS
	16:00 - 22:00	6.00	WOT	1	WAIT ON CEMENT
	22:00 - 23:00	1.00	OTH		CUT CONDUCTOR AND CASING
	23:00 - 01:00	2.00	OTH		DIG OUT CELLAR, CELLAR NOT DEEP ENOUGH FOR WELLHEAD
	01:00 - 04:00	3.00	WHD	1	WELD ON MBS WELLHEAD LET COOL
	04:00 - 06:00	2.00	BOP	1	INSTALL B SECTION, NIPPLE UP BOP
	06:00 - 14:00	8.00	BOP	1	NIPPLE UP BOP
	14:00 - 18:00	4.00	BOP	2	TEST BOP, 250 LOW 5000 HIGH, UPPER AND LOW PIPE RAMS, BLIND RAMS, CHOKE AND KILL LINE, FLOOR VALVE AND TOP DRIVE, TEST MUD LINES AND BAG TO 250 LOW AND 3500 HIGH ALL TESTED GOOD
	7/18/2007	18:00 - 21:30	3.50	OTH	
21:30 - 01:00		3.50	DRL	4	DRILL FLOAT EQUIPMENT AND CEMENT 1058' TO 1120'
01:00 - 01:30		0.50	DRL	1	DRILL F/1120' TO 1140' CIRCULATE
01:30 - 02:00		0.50	EQT	2	FIT TO 10.8 EQW 8.7MW + 128 PSI HELD
02:00 - 06:00		4.00	DRL	1	DRILL F/1140' TO 1386' WOB 6, PS 160, PP900, ROT 150
06:00 - 16:00		10.00	DRL	1	DRILL F/ 1356' TO 2280', WOB 18K, RPM 150, PS 160, PP 1260
16:00 - 16:30		0.50	RIG	1	RIG SERVICE
16:30 - 20:30		4.00	DRL	1	DRILL F/ 2280' TO 2563', WOB 18K, RPM 150, PS 160, PP 1300
20:30 - 21:30		1.00	CIRC	2	LOST CIRCULATION, PUMP 12 PPB LCM SWEEPS REGAIN CIRCULATION, LOST TOTAL 150 BBL
21:30 - 00:00		2.50	DRL	1	DRILL F/ 2563' TO 2711', WOB 18K, RPM 150, PS 160, PP 1300
7/19/2007	00:00 - 01:00	1.00	RIG	2	REPAIR TOP DRIVE (HYDRAULIC FITTING POWER UNIT)
	01:00 - 01:30	0.50	DRL	1	DRILL F/ 2711' TO 2746', WOB 18K, RPM 150, PS 160, PP 1300
	01:30 - 02:00	0.50	CIRC	2	LOST CIRCULATION, PUMP 12 PPB LCM SWEEP, REGAIN CIRCULATION, LOST TOTAL 100 BBL
	02:00 - 04:00	2.00	DRL	1	DRILL F/ 2746' TO 2934', WOB 8-15K, RPM 140, PS 160, PP 1300
	04:00 - 06:00	2.00	OTH		SURVEYS & CONNECTIONS
	06:00 - 09:00	3.00	DRL	1	DRILL F/ 2934' TO 3120', WOB 20K, RPM 140-150, PS 160, PP 1280
	09:00 - 10:00	1.00	CIRC	2	LOST CIRCULATION, PUMPED 12-15 PPB LCM SWEEPS, REGAIN CIRCULATION, TOTAL LOST 100 BBL
	10:00 - 11:30	1.50	DRL	1	DRILL F/ 3120' TO 3215', WOB 20K, RPM 150, PS 160, PP 1300
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	12:30 - 03:30	15.00	DRL	1	DRILL F/ 3215' TO 4058', WOB 17-20K, RPM 150, PS 160, PP 1300
7/20/2007	03:30 - 06:00	2.50	DRL	1	CONNECTIONS & SURVEYS
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4058' TO 4245', WOB 17-20K, RPM 150, PS 160, PP 1350
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 13:30	3.00	DRL	1	DRILL F/ 4245' TO 4397', WOB 20-23K, RPM 160, PS 180, PP 1600
	13:30 - 14:30	1.00	OTH		SURVEY & CONNECTIONS
	14:30 - 15:30	1.00	CIRC	1	PUMP SWEEP, CIRCULATE BOTTOMS UP, DROP SURVEY, PUMP DRY SLUG
	15:30 - 16:30	1.00	TRP	10	TOOH W/ BIT # 2 TO 3357'

Operations Summary Report

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release:  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/20/2007	16:30 - 17:30	1.00	OTH		CHANGE OUT DP SLIP DIES
	17:30 - 20:30	3.00	TRP	10	TOOH ( EXTRA TIGHT CONNECTIONS HWDP)
	20:30 - 21:00	0.50	OTH		RETRIEVE SURVEY, CHANGE BITS
	21:00 - 00:30	3.50	TRP	10	TIH W/ BIT # 3, BREAK CIRC @ 1800', 3000', 3700' & 4337', SAFETY WASH & REAM LAST 60' TO 4397'
7/21/2007	00:30 - 05:30	5.00	DRL	1	DRILL F/ 4397' TO 4615', WOB 6-12K, RPM 150, PS 160, PP 1320
	05:30 - 06:00	0.50	OTH		CONNECTIONS
	06:00 - 12:00	6.00	DRL	1	DRILL F/ 4615' TO 4993', WOB 12-14K, RPM 150, PS 160, PP 1420
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
	12:30 - 19:30	7.00	DRL	1	DRILL F/ 4993' TO 5364', WOB 14-16K, RPM 170, PS 190, PP 1775
	19:30 - 20:30	1.00	SUR	1	CIRCULATE & SURVEY @ 5332' = 2.2 INC & 183.44 AZ
	20:30 - 23:00	2.50	DRL	1	DRILL F/ 5364' TO 5520', WOB 14-16K, RPM 170, PS 190, PP 1775
	23:00 - 00:30	1.50	OTH		CONNECTIONS
	00:30 - 01:30	1.00	CIRC	1	PUMP SWEEP, CIRCULATE, DROP SURVEY & PUMP PILL
	01:30 - 05:00	3.50	TRP	10	TOOH W/ BIT # 3
7/22/2007	05:00 - 06:00	1.00			RETRIEVE SURVEY, CHANGE MUD MOTORS & BIT
	06:00 - 06:30	0.50	TRP	1	FINISH CHANGE OUT MUD MOTOR & BIT
	06:30 - 10:00	3.50	TRP	10	TIH W/ BIT # 4, BREAK CIRCULATION @ 1810', 3876' & 5460'. SAFETY WASH & REAM LAST 60' TO 5520'
	10:00 - 16:00	6.00	DRL	1	DRILL F/ 5520' TO 5646', WOB 12-14K, RPM 160, PS 170, PP 1550
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 01:00	8.50	DRL	1	DRILL F/ 5646' TO 5772', WOB 12-16K, RPM 120-150, PS 120-160, PP 900-1300
	01:00 - 01:30	0.50	RIG	1	CHANGE SWAB # 1 PUMP
	01:30 - 03:30	2.00	DRL	1	DRILL F/ 5772' TO 5812', WOB 12-20K, RPM 140, PS 160, PP 1350
	03:30 - 04:00	0.50	OTH		CONNECTIONS
	04:00 - 05:00	1.00	CIRC	1	PUMP SWEEP, DROP SURVEY, PUMP PILL
7/23/2007	05:00 - 06:00	1.00	TRP	10	TOOH W/ BIT # 4
	06:00 - 09:00	3.00	TRP	10	TOOH W/ BIT # 4
	09:00 - 10:00	1.00	TRP	1	RETRIEVE SURVEY & CHANGE BITS
	10:00 - 13:30	3.50	TRP	10	TIH W/ BIT # 5, FILL PIPE @ 1874', 4024', 5718'
	13:30 - 14:00	0.50	REAM	1	SAFETY WASH & REAM F/ 5718' TO 5812'
	14:00 - 05:00	15.00	DRL	1	DRILL F/ 5812' TO 6207', WOB 12-23, RPM 110-120, PS 125, PP 1350
7/24/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 11:30	5.50	DRL	1	DRILL F/ 6207' TO 6394', WOB 24K, RPM 110, PS 124, PP 1350
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE
	12:00 - 00:00	12.00	DRL	1	DRILL F/ 6394' TO 6767', WOB 24K, RPM 110, PS 124, PP 1480
	00:00 - 01:00	1.00	SUR	1	CIRCULATE & SURVEY @ 6736' = 2.5 INC & 174.04 AZ
7/25/2007	01:00 - 05:00	4.00	DRL	1	DRILL F/ 6767' TO 7017', WOB 24K, RPM 110, PS 124, PP 1600
	05:00 - 06:00	1.00	OTH		TOTAL TIME F/ CONNECTIONS
	06:00 - 09:30	3.50	DRL	1	DRILL F/ 7017' TO 7142', WOB 24K, RPM 110, PS 124, PP 1500
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 02:30	16.50	DRL	1	DRILL F/ 7142' TO 7633', WOB 25K, RPM 120, PS 124, PP 1500 (LOST CIRCULATION @ 7620')
7/26/2007	02:30 - 03:00	0.50	CIRC	2	PUMP 12-15 PPB LCM SWEEPS, REGAIN CIRCULATION, TOTAL LOST 150 BBL
	03:00 - 05:00	2.00	DRL	1	DRILL F/ 7633' TO 7723', WOB 24K, RPM 120, PS 124, PP 1500
	05:00 - 06:00	1.00	OTH		TOTAL TIME F/ CONNECTIONS
	06:00 - 07:00	1.00	DRL	1	DRILL F/ 7723' TO 7768', WOB 25K, RPM 120, PS 124, PP 1600
	07:00 - 08:30	1.50	SUR	1	PUMP SWEEP, CIRCULATE & SURVEY @ 7735' = 4.2 INC & 195.14 AZ
	08:30 - 13:00	4.50	DRL	1	DRILL F/ 7768' TO 7863', WOB 24K, RPM 120, PS 124, PP 1630
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE
7/26/2007	14:00 - 23:30	9.50	DRL	1	DRILL F/ 7863' TO 8096', WOB 24K, RPM 120, PS 124, PP 1660
	23:30 - 00:00	0.50	OTH		CONNECTIONS
	00:00 - 01:00	1.00	CIRC	1	CIRCULATE, DROP SURVEY, PUMP DRY SLUG

Operations Summary Report

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release:  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/26/2007	01:00 - 05:30	4.50	TRP	10	TOOH W/ BIT # 5
	05:30 - 06:00	0.50	TRP	1	RETRIEVE SURVEY & CHANGE BITS
7/27/2007	06:00 - 06:30	0.50	OTH		ADJUST DRILL LINE GUIDE
	06:30 - 07:30	1.00	TRP	10	TIH W/ BIT # 6 to CASING SHOE (1100')
	07:30 - 09:00	1.50	RIG	6	SLIP & CUT DRILL LINE
	09:00 - 12:30	3.50	TRP	10	TIH TO 8051'
	12:30 - 13:00	0.50	REAM	1	SAFETY WASH & REAM F/ 8051' TO 8096'
	13:00 - 05:00	16.00	DRL	1	DRILL F/ 8096' TO 8519', WOB 25K, RPM 150, PS 160, PP 1850
	05:00 - 06:00	1.00	OTH		CONNECTIONS
7/28/2007	06:00 - 12:00	6.00	DRL	1	DRILL F/ 8519' TO 8612', WOB 25K, RPM 150, PS 160, PP 1850
	12:00 - 13:30	1.50	SUR	1	CIRCULATE & SURVEY @ 8572' = 2.8 INC & 165.54 AZ
	13:30 - 14:30	1.00	RIG	1	RIG SERVICE & CHANGE OUT SAVER SUB
	14:30 - 17:00	2.50	DRL	1	DRILL F/ 8572' TO 8639', WOB 20-26K, RPM 160, PS 160, PP 1850
	17:00 - 18:00	1.00	RIG	2	CHANGE SWABS # 2 PUMP
	18:00 - 19:30	1.50	DRL	1	DRILL F/ 8639' TO 8657', WOB 26K, RPM 110, PS 64, PP 1300
	19:30 - 21:00	1.50	CIRC	1	PUMP SWEEP, CIRCULATE, DROP SURVEY & PUMP DRY SLUG
	21:00 - 05:00	8.00	TRP	12	TOOH W/ BIT # 6
	05:00 - 06:00	1.00	TRP	1	RETRIEVE SURVEY, CHANGE OUT BITS & MUD MOTORS
7/29/2007	06:00 - 07:00	1.00	TRP	1	FINISH CHANGING OUT BHA
	07:00 - 14:30	7.50	TRP	2	TIH W/ BIT # 7 TO 8591' ( RESET CROWN-O-MATIC, LAY DOWN BENT DP)
	14:30 - 15:00	0.50	REAM	1	SAFETY WASH & REAM F/ 8591' TO 8657' (66 FT)
	15:00 - 22:00	7.00	DRL	1	DRILL F/ 8657' TO 8907', WOB 18K, RPM 105, PS 170, PP 1800
	22:00 - 00:00	2.00	RIG	2	CHANGE LINER & SWAB # 2 PUMP
	00:00 - 04:30	4.50	DRL	1	DRILL F/ 8907' TO 9183', WOB 18K, RPM 105, PS 170, PP 1825
	04:30 - 06:00	1.50	OTH		TOTAL TIME CONNECTIONS
7/30/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/ 9183' TO 9276', WOB 18K, RPM 105, PS 170, PP 1875
	08:30 - 09:00	0.50	RIG	1	RIG SERVICE
	09:00 - 19:00	10.00	DRL	1	DRILL F/ 9276' TO 9650', WOB 22-25K, RPM 105, PS 170, PP 1950
	19:00 - 20:30	1.50	SUR	1	CIRCULATE & SURVEY @ 9607' = 3.1 INC & 144.0 AZ
	20:30 - 04:30	8.00	DRL	1	DRILL F/ 9650' TO 9914', WOB 22-24K, RPM 110, PS 170, PP 1950
	04:30 - 06:00	1.50	OTH		TOTAL TIME F/ CONNECTIONS
7/31/2007	06:00 - 09:30	3.50	DRL	1	DRILL F/ 9914' TO 10073', WOB 22-24K, RPM 110, PS 170, PP 1975
	09:30 - 13:00	3.50	RIG	2	CHANGE OUT THREAD HALF HAMMER UNION, PUMPS TO MUD LINE
	13:00 - 14:30	1.50	DRL	1	DRILL F/ 10073' TO 10116', WOB 22-24K, RPM 110, PS 170, PP 1985
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 10116' TO 10159', WOB 22-24K, RPM 110, PS 170, PP 2000
	16:30 - 17:30	1.00	RIG	2	REPLACE SWAB # 1 PUMP
	17:30 - 19:30	2.00	DRL	1	DRILL F/ 10159' TO 10209', WOB 22-24K, RPM 110, PS 170, PP 2000
	19:30 - 20:00	0.50	RIG	2	CHANGE OUT DRUM WHEEL F/ AUTO DRILLER (WILDCAT SERVICES)
	20:00 - 05:00	9.00	DRL	1	DRILL F/ 10209' TO 10451', WOB 24K, RPM 110, PS 170, PP 2000
	05:00 - 06:00	1.00	OTH		TOTAL TIME CONNECTIONS
8/1/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/10451' TO 10478 WOB 24, ROT 35, PS 170, PP 2000
	07:30 - 08:30	1.00	CIRC	1	CIRCULATE, DROP SURVEY
	08:30 - 14:00	5.50	TRP	10	TRIP OUT BIT #7
	14:00 - 14:30	0.50	RIG	2	WORK ON CIRCULATING DRUM, SEALS OUT OF STUFFING BOX
	14:30 - 18:30	4.00	TRP	10	TRIP OUT BIT #7
	18:30 - 02:30	8.00	TRP	10	TRIP IN BIT #8
	02:30 - 03:00	0.50	REAM	1	WASH AND REAM LAST STAND TO BOTTTOM
	03:00 - 06:00	3.00	DRL	1	DRILL F/10478' TO 10552' WOB 22, ROT 30, PS 170, PP 2000 .17 MOTOR
8/2/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/10552' TO 10677' WOB 18, ROT 35, PS 170, PP 2000 .17 MOTOR
	08:30 - 09:00	0.50	RIG	1	RIG SERVICE
	09:00 - 11:00	2.00	DRL	1	DRILL F/10677' TO 10781' WOB 18, ROT 35, PS 170, PP 2000 LOST COMPLETE RETURNS

**Questar E & P**  
**Operations Summary Report**

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Well Name: WV 13AD-8-8-22R  
Location: 8- 8-S 22-E 26  
Rig Name: UNIT

Spud Date: 6/27/2007  
Rig Release:  
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/2/2007	11:00 - 17:00	6.00	CIRC	2	REDUCE PUMP STROKES, LOST 350 BBLs, BUILD VOLUME WITH 15% LCM REGAIN CIRCULATION, BYPASS SHAKERS AND MUD CLEANNING EQUIPMENT
	17:00 - 06:00	13.00	DRL	1	DRILL F/10781' TO 10980' WOB 24, ROT 45, PS 170, PP 1950 STARTED LOSING AGAIN AT 10967' 90 BBLs IN ONE HOUR
8/3/2007	06:00 - 07:30	1.50	DRL	1	DRLG FROM 10980' TO 10982' (WOB 24 SPM 170 1879 PP ) LOSSES 1 BBL PM
	07:30 - 08:30	1.00	CIRC	1	CIRC & COND MUD, PUMP LCM SWEEP
	08:30 - 13:30	5.00	TRP	10	DROP SURVEY TOOH
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
	14:00 - 14:30	0.50	OTH		WAIT ON INSPECTORS
	14:30 - 22:00	7.50	ISP	1	INSPECT BHA
	22:00 - 00:00	2.00	TRP	1	L/D MUD MOTOR, P/U NEW MOTOR MAKE UP BIT
	00:00 - 01:30	1.50	TRP	10	TRIP IN TO D/P
8/4/2007	01:30 - 03:00	1.50	RIG	6	SLIP & CUT DRLG LINE
	03:00 - 06:00	3.00	TRP	10	TRIP IN W/ BIT # 9
	06:00 - 09:00	3.00	TRP	10	TRIP IN WITH BIT # 9 SLOW DUE TO LOST CIRC @ 10781'
	09:00 - 14:00	5.00	DRL	1	DRLG F/ 10982' TO 11142' WOB 18 - 20 SPM 80, PP 1960
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 16:00	1.50	DRL	1	DRLG F/ 11142' TO 11204' WOB 18 75 SPM 1850 & LOST RETURNS @ 11170' 25 % RETURNS LCM 20 %
	16:00 - 23:00	7.00	CIRC	2	MIX UP LCM PILL IN PRE MIX 300 BBL , SPOT D/ HOLE F/ 4000' TO 9000' BUILD VOLUME
	23:00 - 06:00	7.00	DRL	1	DRLG F/ 11204' TO 11314' LOSING 70 BBLs AN HR
8/5/2007	06:00 - 11:00	5.00	DRL	1	DRLG F/ 11314' TO 11424'
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 21:00	9.50	DRL	1	DRLG F/ 11424' TO 11551' ( WOB 18 - 20 - 130 SPM, PP 1806) LOSS 1 BBL MIN
	21:00 - 22:00	1.00	CIRC	1	CIRCULATE DROP SURVEY PUMP DRY PIPE PILL
8/6/2007	22:00 - 06:00	8.00	TRP	10	TRIP OUT BIT #9, LOSING VOLUME FILLING HOLE
	06:00 - 06:30	0.50	TRP	10	TRIP OUT W BIT # 9 LAY DOWN MUD MOTOR, BIT, IBS FUNCTION BOP
	06:30 - 11:30	5.00	TRP	10	STRAP MOTOR P/U MOTOR, BIT, TRIP IN TO 7000' COULDN'T BREAK CIRC
	11:30 - 18:00	6.50	TRP	10	TRIP OUT & PLUGED @ CROES FOOT WITH LCM & UNPLUG
8/7/2007	18:00 - 03:00	9.00	TRP	10	TIRP IN WITH BIT # 10, BREAK CIRC EVERY 1500' TIGHT SPOT @ 2500', 7657'
	03:00 - 06:00	3.00	DRL	1	DRLG F/11551' TO 11610' ( WOB 18, 59 SPM, RPM 90 )
	06:00 - 06:30	0.50	DRL	1	DLRG F/ 11610' TO 11612'
	06:30 - 09:30	3.00	CIRC	2	LOST CIRC, PULL 2 STDS AND BUILD VOLUME 300 BBL WORK DRILLSTRING EVERY 10 MINUTES
8/8/2007	09:30 - 22:00	12.50	DRL	1	DLRG F/ 11612' TO 11763' ( WOB 25 - 30, RPM 56, PP 1460, FPH 12 )
	22:00 - 22:30	0.50	CIRC	1	PUMP DRY PILL
	22:30 - 06:00	7.50	TRP	10	TRIP OUT W/ BIT # 10
	06:00 - 07:00	1.00	TRP	10	TRIP OUT W/ BIT # 10
	07:00 - 07:30	0.50	TRP	1	CHANGE OUT BIT
	07:30 - 08:30	1.00	TRP	10	TRIP IN W/ BIT # 10
	08:30 - 09:00	0.50	RIG	1	RIG SERVICE
	09:00 - 14:00	5.00	TRP	10	TRIP IN W/ BIT # 11
	14:00 - 17:30	3.50	REAM	1	REAM 8 STANDS TO BOTTOM HAD MUD RING @ 2500', 25' FLARE
	17:30 - 00:30	7.00	DRL	1	DRLG F/ 11763' TO 11863' ( WOB 25 - 30 , SPM 68, PP 1357, FPH 14' )
8/9/2007	00:30 - 01:00	0.50	TRP	15	PULL 3 STDS
	01:00 - 03:00	2.00	CIRC	6	BULID VOLUME IN PRE MIIX & TRANSFER TO MUD TANKS
	03:00 - 03:30	0.50	TRP	2	TRIP IN 3 STDS
	03:30 - 06:00	2.50	DRL	1	DRLG F/ 11863' TO 11875'
	06:00 - 10:30	4.50	CIRC	1	CIRCULATE & CONDITION MUD, BALANCE MUD WT & SYSTEM TO 9.5 PPG LCM 18PPB
	10:30 - 17:00	6.50	TRP	14	SHORT TRIP TO SHOE (TIGHT SPOT @ 2500'

Operations Summary Report

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release:  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations	
8/9/2007	17:00 - 18:00	1.00	RIG	6	SLIP & CUT DRLG LINE	
	18:00 - 00:00	6.00	TRP	14	TRIP IN BREAKING CIRC EVERY 1500'	
	00:00 - 01:00	1.00	CIRC	2	CIRC & COND MUD FOR 7" CASING AND LOST 600 BBLs	
8/10/2007	01:00 - 06:00	5.00	CIRC	2	BUILD VOLUME TRANSFER TO MUD TANKS & BUILD VOLUME	
	06:00 - 07:00	1.00	CIRC	6	BUILD VOLUME	
	07:00 - 09:30	2.50	CIRC	1	CIRC & COND	
	09:30 - 20:00	10.50	TRP	3	LAY DOWN DRILLSTRING	
	20:00 - 23:30	3.50	CSG	1	PULL WEAR BUSHING & RIG UP CASING CREW	
	23:30 - 06:00	6.50	CSG	2	RUN 7" CASING SLOW & BRAK CIRC EVERY 1200' RUN 61 JTS OF #29 (2836') AND 196 JTS OF #26 CASING WITH 4' PUP JT LANDED @ 11853.36' KB	
8/11/2007	06:00 - 12:00	6.00	CSG	2	RUN 7" CASING TO LAND @ 11853' KB	
	12:00 - 13:00	1.00	CIRC	1	BREAK CIRC WORK TO BOTTOM W/ 7" CSG GOOD CIRCULATION ON BOTTOM AND RETURNS WHILE RUNNING CASING	
	13:00 - 14:30	1.50	CIRC	1	RIG D/ CASING CREW	
	14:30 - 02:00	11.50	CIRC	1	CIRC & CONDITION MUD HEAL HOLE & SHAKE OUT LCM, LOST CIRC AFTER 5 HRS OF CIRCULATION, REGAIN CIRC AND SHAKE OUT LCM WAIT ON HALLIBURTON CIRCULATING AT 50 STROKES	
	02:00 - 05:00	3.00	OTH	1	PACK OFF WELLHEAD	
8/12/2007	05:00 - 06:00	1.00	CMT	1	RIG UP HALLIBURTON HEAD ON CASING AND BREAK CIRCULATION WITH RIG PUMP HOLD SAFETY MEETING WITH HALLIBURTON	
	06:00 - 09:00	3.00	CMT	2	CEMENT 7" INTERMEDIATE WITH HALLIBURTON PUMPED 10 BBLs WATER, 14 BBLs SUPER FLUSH, 10 BBLs WATER, 191 BBLs OF 14.3 PPG 1.47 YIELD FOAMED TO 11 PPG LEAD CEMENT, 42 BBLs OF 14.3 PPG 1.47 TAIL CEMENT DISPLACED WITH 453 BBLs OF WATER BUMPED PLUG FLOATS HELD LOST 50% RETURNS DURING DISPLACEMENT NO CEMENT TO SURFACE PUMP 75 SACKS CAP CEMENT	
	09:00 - 10:00	1.00	CMT	1	R/D CEMENTERS	
	10:00 - 12:30	2.50	WOT	1	CHANGE OIL IN SWIVEL, OVER RUNNING CLUTCH, GREASE BLOCK SWIVEL	
	12:30 - 16:00	3.50	BOP	2	TEST WITH B,C, PIPE RAMS 250/ 10,000 PSI, PIPE RAMS 250,/ 10,000 PSI, BLIND 250/10,000 PSI, CSG 1500 PSI, HYDRIL, BOP, 250/ 10,000 PSI, CHOKE 250/10000 PSI, INSIDE BOP 250/10,000 PSI, CHOKE MANIFOLD 250/10,000 PSI UPPER KELLY COCK, 250/10000 PSI, LOWER KELLY COCK 250/ 10,000 PSI SAFTEY VALVE 250/10,000 PSI,	
	16:00 - 16:30	0.50	TRP	2	INSTALL WEAR BUSHING	
	16:30 - 18:00	1.50	OTH	1	R/U BALES, ELEVATORS	
	18:00 - 20:00	2.00	TRP	1	MIX MUD , LAY OUT BHA	
	20:00 - 21:30	1.50	CSG	1	R/U LAY D/ TRUCK SAFTEY MEETING	
	21:30 - 06:00	8.50	TRP	2	P/U AND RUN DRILLSTRING IN, FILL PIPE EVERY 3000'	
	8/13/2007	06:00 - 10:00	4.00	TRP	2	PICK UP 4" DRILL STRING
		10:00 - 10:30	0.50	OTH	1	RIG DOWN LAY DOWN MACHINE
10:30 - 13:30		3.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT TAG AT 10755'	
13:30 - 14:30		1.00	DRL	1	DRILL F/11875' TO 11890' WOB 12, ROT 35, PS 95, PP 1970 .26 MOTOR	
14:30 - 15:30		1.00	EQT	2	FIT TEST 9.5 MW + 1685 = 12 EQW	
15:30 - 06:00		14.50	DRL	1	DRILL F/11890' TO 12074' WOB 10-12, ROT 35, PS 95, PP 1950, .26 MOTOR	
06:00 - 12:00		6.00	DRL	1	DRILL F/12074' TO 12236' WOB 14, ROT 35, PS 95, PP 2300, MOTOR .26	
12:00 - 12:30		0.50	RIG	1	RIG SERVICE	
12:30 - 15:00		2.50	DRL	1	DRILL F/12236' TO 12272' WOB 14, ROT 35, PS 95, PP 2300 DIFFERENTIAL CLIMBED AND WOULD NOT COME DOWN UNABLE TO DRILL	
15:00 - 16:00		1.00	CIRC	1	CIRCULATE, UNABLE TO PUMP DRY PIPE FILL	
8/14/2007	16:00 - 16:30	0.50	SUR	1	DROP SURVEY	
	16:30 - 00:30	8.00	TRP	12	TRIP OUT BIT #12	
	00:30 - 01:30	1.00	TRP	1	LAY DOWN MOTOR AND PICK UP NEW ONE .46 MAKE UP BIT	
	01:30 - 06:00	4.50	TRP	12	TRIP IN BIT #13 BI-CENTER	

**Questar E & P**  
**Operations Summary Report**

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Well Name: WV 13AD-8-8-22R  
Location: 8- 8-S 22-E 26  
Rig Name: UNIT

Spud Date: 6/27/2007  
Rig Release:  
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/15/2007	06:00 - 07:30	1.50	TRP	12	FINISH TIH W/ BIT # 13
	07:30 - 13:00	5.50	DRL	1	DRILL F/ 12272' TO 12432', WOB 8-12K, RPM 114 , PS 85, PP 2050
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 05:00	15.50	DRL	1	DRILL F/ 12432' TO 12900', WOB 10-12K, RPM 118, PS 87, PP 2080
	05:00 - 06:00	1.00	OTH		TOTAL TIME CONNECTIONS
8/16/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/ 12900' TO 13113', WOB 10-12K, RPM 120, PS 87, PP 2150
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 05:00	14.00	DRL	1	DRILL F/ 13113' TO 13501', WOB 10-13K, RPM 125, PS 90, PP 2250
8/17/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 12:30	6.50	DRL	1	DRILL F/ 13501' TO 13696', WOB 12-14K, RPM 125, PS 90, PP 2250
	12:30 - 13:00	0.50	OTH		RIG SERVICE
	13:00 - 19:00	6.00	DRL	1	DRILL F/ 13696' TO 13844', WOB 12-14K, RPM 125, PS 90, PP 2250
	19:00 - 19:30	0.50	OTH		FLOW CHECK, GAINED 18 BBL W/ 6981 UNITS GAS
	19:30 - 04:00	8.50	DRL	1	DRILL F/ 13844' TO 14143', WOB 12-14K, RPM 125, PS 90, PP 2250 (20'-25' FLARE WHILE DRILLING, INCREASING MUD WEIGHT SLOWLY)
	04:00 - 04:30	0.50	OTH		CIRCULATE OUT GAS THROUGH CHOKE
8/18/2007	04:30 - 05:00	0.50	DRL	1	DRILL F/ 14143' TO 14166', WOB 12K, RPM 125, PS 90, PP 2250 (INCREASING MUD WEIGHT TO 10.4#)
	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 11:00	5.00	DRL	1	DRILL F/ 14166' TO 14280', WOB 12-14K, RPM 125, PS 90, PP 2330 (10'-25' DRILLING FLARE)
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 05:00	17.50	DRL	1	DRILL F/ 14280' TO 14810', WOB 12-14K, RPM 125, PS 90, PP 2400 (5'-20' DRILLING FLARE)
8/19/2007	05:00 - 06:00	1.00	OTH		FLOW CHECK & CONNECTIONS
	06:00 - 11:00	5.00	DRL	1	DRILL F/ 14810' TO 14960', WOB 12-14K, RPM 130, PS 90, PP 2400 (DRILLING FLARE 5'-15')
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE
8/20/2007	12:00 - 05:00	17.00	DRL	1	DRILL F/ 14960' TO 15511', WOB 12-14K, RPM 130, PS 90, PP 2530 (DRILLING FLARE 4'-7')
	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 15511' TO 15641', WOB 12-14K, RPM 140, PS 90, PP 2550 (3'-8' DRILLING FLARE)
	10:00 - 10:30	0.50	DRL	1	RIG SERVICE
	10:30 - 05:00	18.50	DRL	1	DRILL F/ 15641' TO 16152', WOB 13-15K, RPM 140, PS 90, PP 2600 (3'-8' DRILLING FLARE)
8/21/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 08:30	2.50	DRL	1	DRILL F/ 16152' TO 16225', WOB 15K, RPM 140, PS 90, PP 2600 (DRILLING FLARE 3'-7')
	08:30 - 09:00	0.50	DRL	1	RIG SERVICE
8/22/2007	09:00 - 01:00	16.00	DRL	1	DRILL F/ 16225' TO 16533', WOB 15K, RPM 140, PS 90, PP 2600 (DRILLING FLARE 3'-8')
	01:00 - 02:30	1.50	CIRC	1	CIRCULATE, MIX & PUMP DRY SLUG, DROP SURVEY
	02:30 - 06:00	3.50	TRP	10	TOOH W/ BIT # 13 (SLM), DEPTH CORRECTED TO 16501
	06:00 - 14:00	8.00	TRP	10	TOOH W/ BIT # 13 (SLM, 1 JT OFF HOLE DEPTH CHANGED TO 16501')
	14:00 - 18:00	4.00	RIG	2	TESCO TOP DRIVE ELECTRICAL SHORT AT POWER UNIT BREAKER BOX, PLUG & CABLE
	18:00 - 19:30	1.50	TRP	1	CHANGE OUT BIT & MUD MOTOR
	19:30 - 00:30	5.00	TRP	10	TIH W/ BIT # 14 TO SHOE
	00:30 - 02:00	1.50	RIG	6	SLIP & CUT DRILL LINE
	02:00 - 04:30	2.50	TRP	10	TIH TO 16427'
	04:30 - 05:00	0.50	REAM	1	SAFETY WASH & REAM TO 16470' ( PACKED OFF)
05:00 - 06:00	1.00	OTH		WORK TIGHT HOLE @ 16387'	

Operations Summary Report

Well Name: WV 13AD-8-8-22R  
 Location: 8-8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release:  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/23/2007	06:00 - 10:30	4.50	OTH		CONTINUE BACKREAM W/ PARTIAL RETURNS TO 15893', REGAIN FULL RETURNS, NO OVERPULL (STANDBACK 5 STANDS WORKING STAND # 6 F/ 15893' TO 15900') PUMP SWEEP
	10:30 - 19:30	9.00	REAM	1	WASH & REAM F/ 15893' TO 16157', INCREASING MW TO 11PPG (PUMP SWEEPS)
	19:30 - 20:30	1.00	OTH		CHANGE OUT SAVER SUB & 1 JT WASHED DP
	20:30 - 00:30	4.00	REAM	1	WASH & REAM F/ 16157' TO 16323' (PUMP SWEEPS)
	00:30 - 01:00	0.50	RIG	2	RIG REPAIR (PUMP UP ANCHOR F/ WEIGHT INDICATOR)
	01:00 - 02:30	1.50	REAM	1	WASH & REAM F/ 16323' TO 16391' (PUMP SWEEPS)
	02:30 - 03:30	1.00	RIG	2	REPAIR POP OFF # 1 PUMP, #2 PUMP MAX SPM 75
	03:30 - 05:00	1.50	REAM	1	WASH & REAM F/ 16391' TO 16501' (PUMP SWEEPS)
	05:00 - 06:00	1.00	DRL	1	DRILL F/ 16501' TO 16521', WOB 8K, RPM 100, PS 95, PP 2600, MW: 11.1# IN 11.0# OUT
	8/24/2007	06:00 - 07:00	1.00	DRL	1
07:00 - 07:30		0.50	REAM	1	WASH & REAM TIGHT SPOT F/ 16565' TO 16580' 3 TIMES ON CONNECTION
07:30 - 13:00		5.50	DRL	1	DRILL F/ 16549' TO 16623", WOB 9-10K, RPM 100, PS 95, PP 2450 (INCREASING MUD WEIGHT TO 11.2#)
13:00 - 14:00		1.00	OTH		DRILL F/ 16623' to 16625' W/ PRESSURE SPIKES & TORQUE (
14:00 - 00:30		10.50	DRL	1	DRILL F/ 16625' TO 16714', WOB 12-15K, RPM 100, PS 95, PP 2700 (3'-8' DRILLING FLARE)
8/25/2007	00:30 - 01:30	1.00	SUR	1	CIRCULATE, DROP SURVEY, PUMP DRY SLUG
	01:30 - 06:00	4.50	TRP	12	TOOH W/ BIT # 14
	06:00 - 13:00	7.00	TRP	2	FINISH TOOH W/ BIT # 14 (BIT WAS 1" UNDERGAUGE)
	13:00 - 14:30	1.50	TRP	1	RETRIEVE SURVEY, LAY DOWN BIT, MUD MOTOR & NMDC
	14:30 - 15:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION TEST BOP
	15:30 - 01:00	9.50	TRP	2	M/U BIT & NBS, TIH W/ BIT # 15 - TAG @ 16504'
8/26/2007	01:00 - 05:00	4.00	REAM	1	WASH & REAM F/ 16504' TO 16714' HARD REAMING F/ 16643' TO 16654', - 16696' TO 16704' - 16702' TO 16714' (LOOSING MUD @ 5 BBL HR)
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	06:00 - 08:30	2.50	TRP	2	TOOH, BACKREAM & PUMP FIRST 6 STANDS OFF BOTTOM - 16714' TO 16071'(EXCESS CUTTINGS OVER SHAKER)
	08:30 - 11:30	3.00	CIRC	1	PUMP HIGH VIS SWEEP WHILE WORKING STAND # 6 (NO SWEEP SEEN)
	11:30 - 14:00	2.50	TRP	2	PUMP & BACKREAM 7 MORE STANDS. STAND 14 PULLED FREE (15390')
	14:00 - 15:00	1.00	OTH		PULL 5 MORE STANDS, NO PUMP OR BACK REAMING
	15:00 - 18:30	3.50	TRP	2	PUMP DRY SLUG, PULL ROTATING HEAD RUBBER, ATTACH FLOW EXTENSION NIPPLE & ADJUST BRAKES
	18:30 - 20:00	1.50	RIG	2	TOOH F/ 14902' TO 8147'
	20:00 - 00:00	4.00	TRP	2	CHANGE OUT STUFFING BOX & WATER SPEAR IN DRAW WORKS
	00:00 - 01:30	1.50	TRP	1	TOOH W/ BIT # 15
8/27/2007	01:30 - 06:00	4.50	TRP	2	L/D BIT, NBS - FUNCTION BOP - P/U BIT, MUD MOTOR & NMDC
	06:00 - 09:00	3.00	TRP	2	TIH W/ BIT # 16
	09:00 - 18:00	9.00	REAM	1	TIH, FILLING PIPE EVERY 3000' TO SHOE THEN EVERY 2000', TAG @ 15452'
	18:00 - 18:30	0.50	RIG	2	WASH & REAM F/ 15437' TO 15897' (3'-20' FLARE) INCREASING MW TO 12#
	18:30 - 22:00	3.50	REAM	1	CHANGE SWAB # 1 PUMP REPLACE NAIL IN POP OFF VALVE # 2 PUMP
	22:00 - 23:00	1.00	RIG	2	WASH & REAM F/ 15897' TO 16104' (3'-5' FLARE)
8/28/2007	23:00 - 06:00	7.00	REAM	1	CHANGE OUT SAVER SUB
	06:00 - 08:00	2.00	REAM	1	WASH & REAM F/ 16104' TO 16614' (3'-5' FLARE) MUD WEIGHT 12# IN/OUT
	08:00 - 00:30	16.50	DRL	1	WASH & REAM F/ 16614' TO 16714'
	00:30 - 02:30	2.00	RIG	2	DRILL F/ 16714' TO 16808' WOB 3-6K, RPM 620, PS 97, PP 2800 (DRILLING FLARE 3'-5')
	02:30 - 06:00	3.50	DRL	1	TESCO TOP DRIVE - REPAIR STARTER MOTOR ON POWER UNIT
					DRILL F/ 16808' TO 16825', WOB 6-7K, RPM 620, PS 97, PP 2800 (DRILLING

Operations Summary Report

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release:  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/28/2007	02:30 - 06:00	3.50	DRL	1	FLARE 3'-5')
8/29/2007	06:00 - 18:30	12.50	DRL	1	DRILL F/16825' TO 16907' WOB 7-8, ROT 75, PS 95, PP 2850 MM 2.25
	18:30 - 19:30	1.00	OTH		BIT STUCK FROM POP OFF BLOWING, WORK PIPE AND REGAIN CIRCULATION
8/30/2007	19:30 - 06:00	10.50	DRL	1	DRILL F/16907' TO 16977' WOB 4-8, ROT 75, PS 95, PP 2900 MM 2.25
	06:00 - 10:00	4.00	DRL	1	DRILL F/16977' TO 17004' WOB 5-8, ROT 75, PS 95, PP 2850 MM 2.25
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 14:30	4.00	DRL	1	DRILL F/17004' TO 17025' WOB 5-8, ROT 75, PS 95, PP 2850 TD
	14:30 - 16:00	1.50	CIRC	1	CIRCULATE, MW 12.7
	16:00 - 22:00	6.00	TRP	14	WIPER TRIP 20 STDS, BACK REAM FIRST 8 STDS, WIPER TRIP IN REAM LAST STAND TO BOTTOM, NO FILL
	22:00 - 06:00	8.00	CIRC	1	CIRCULATE, 15' FLARE AS SOON AS PUMP WAS BROUGHT ON BOTTOMS UP 35' FLARE MUD GAS CUT
8/31/2007	06:00 - 10:00	4.00	CIRC	1	CIRCULATE, BRING MW TO 13.1 VIS 50
	10:00 - 10:30	0.50	SUR	1	DROP SURVEY
	10:30 - 11:00	0.50	CIRC	1	PUMP 178 BBLs OF 14 PPG MUD WITH 1 SACK ALL TEMP
	11:00 - 01:00	14.00	TRP	2	TRIP OUT FOR LOGS, HAD TO PUMP FIRST 2 STDS OUT
	01:00 - 01:30	0.50	TRP	1	RECOVER SURVEY AND LAY DOWN MONEL AND MUD MOTOR
	01:30 - 02:30	1.00	LOG	1	RIG UP SCHLUMBERGER
	02:30 - 06:00	3.50	LOG	1	FIRST RUN PLATFORM EXPRESS AND SONIC
9/1/2007	06:00 - 12:00	6.00	LOG	1	FIRST RUN PLATFORM EXPRESS AND SONIC WOULD NOT PASS 16660'
	12:00 - 04:00	16.00	LOG	2	SECOND RUN CASED HOLE LOG GAMMA, NEUTRON, SONIC
	04:00 - 06:00	2.00	TRP	2	TRIP IN WITH BIT #17 AND HUNTING 2.26 MOTOR
9/2/2007	06:00 - 08:00	2.00	TRP	2	TRIP IN BIT #17 AND 2.26 MUD MOTOR
	08:00 - 10:00	2.00	RIG	2	REPAIR CHAIN IN DRAWWORKS AND LUBRICATION LINE
	10:00 - 14:00	4.00	TRP	2	TRIP IN TO SHOE 11800'
	14:00 - 15:30	1.50	RIG	6	SLIP AND CUT DRILLING LINE
	15:30 - 18:00	2.50	TRP	2	TRIP IN TO 16500'
	18:00 - 22:30	4.50	REAM	1	WASH AND REAM LAST 5 STDS TO BOTTOM 16500' TO 17025'
9/3/2007	22:30 - 06:00	7.50	DRL	1	DRILL F/17025' TO 17069' WOB 5-8, ROT 75, PS 95, PP 2800 2.26 MM
	06:00 - 13:00	7.00	DRL	1	DRILL F/17069' TO 17104' WOB 5-8, ROT 75, PS 95, PP 2800 2.26 MM
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 17:00	3.50	DRL	1	DRILL F/17104' TO 17123' WOB 5-8, ROT 75, PS 95, PP 2800 2.26 MM LOST 75% RETURNS
	17:00 - 23:00	6.00	CIRC	2	PUMP TWO 50 BBL #25 PB LCM SWEEPS NO RETURNS, PULL 5 STDS AND PUMP 50 BBL #25 PER BBL LCM SWEEP NO RETURNS LOST 500 BBLs
	23:00 - 01:00	2.00	TRP	2	PULL 20 STDS TO 14698' ESTABLISH CIRCULATION
	01:00 - 06:00	5.00	CIRC	1	CIRCULATE OUT GAS AND GET MUD IN CONDITION BUILD VOLUME HEAVY GAS CUT CO2?
9/4/2007	06:00 - 14:00	8.00	CIRC	1	CIRCULATE AND CONDITION MUD, WAIT ON BARRITE TRUCK FROM 09:00 TO 13:30
	14:00 - 18:00	4.00	REAM	1	TRIP IN, BREAK CIRCULATION EVERY SECOND STAND AND CIRCULATE WASH LAST TWO STANDS TO BOTTOM
	18:00 - 23:00	5.00	CIRC	1	CIRCULATE AND TREAT MUD FOR CARBONATE PROBLEM
	23:00 - 00:00	1.00	CIRC	1	PUMP 180 BBLs OF 14.2 PPG MUD WITH 2 SACKS ALL TEMP LCM 70 VIS
	00:00 - 06:00	6.00	TRP	2	TRIP OUT TO LOG

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**Operations Summary Report**

Well Name: WV 13AD-8-8-22R Spud Date: 6/27/2007  
 Location: 8-8-S 22-E 26 Rig Release: 9/9/2007  
 Rig Name: UNIT Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 21:00	15.00	WOT	4	RIG # 1 BROKE DOWN WAIT ON RIG FROM COLORADO
	21:00 - 23:00	2.00	LOC	4	RIG ON LOCATION & R/U
	23:00 - 06:00	7.00	DRL	1	DRILL 26" HOLE F/ 0 TO 80' & SET 80' OF 20" CSG (NOTE: CALLED JAMIE SPARGER W/ BLM @ 0830 HRS OF NEW SPUD TIME)
6/29/2007	06:00 - 15:00	9.00	DRL	1	DRILL 75' MOUSEHOLE & SET 14" PIPE, CEMENT CONDUCTOR & MOUSEHOLE
7/4/2007	15:00 - 06:00				RIG DOWN & RELEASE RIG
	06:00 - 18:00	12.00	LOC	4	RIG DOWN TORQUE TUBE AND FLOOR LAY OVER DERRICK PREPARE FOR TRUCKS, MOVE TUBULARS
7/5/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	RIG DOWN MUD PUMPS, DOG HOUSE, CENTRIFUGE, MUD CLEANER, SHAKERS, GAS BUSTER, ELECTRIC AND WATER LINES, TRUCKS BE HERE IN MORNING.
7/6/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT.
	06:00 - 18:00	12.00	LOC	1	LAY OVER A LEGS, SET OFF DERRICK, PICK MOTOR PCK OFF, R/D SUB LOAD
7/7/2007	18:00 - 06:00	12.00	LOC	1	MATTING BOARDS AND STAGE OUT ON MILLER DYER LOC.
	06:00 - 18:00	12.00	LOC	1	WILL BRAKE DOWN DERRICK FRIDAY & MOVE MONDAY.
7/8/2007	18:00 - 06:00	12.00	OTH		B/D DERRICK & MOVE SET MATTING BOARDS BOTTOM SEC SUB BASE 60% 10% R/U
	06:00 - 18:00	12.00	LOC	1	WAIT ON DAYLIGHT
7/9/2007	18:00 - 06:00	12.00	OTH		MOVE LOADS TO NEW LOC 85% MOVED AND 10% RIGGED UP. MOVE CAMPS TOMORROW
	06:00 - 18:00	12.00	LOC	3	WAIT ON DAYLIGHT.
7/10/2007	18:00 - 06:00	12.00	OTH		RIG UP, SET IN SUB, SPREDDERS, MOTORS, DRAWWORKS, DERRICK, CHOKE HOUSE, TRIP TANKS, PITS AND MUD TANKS RIG MOVE 85% RIGGED UP 50% WILL MOVE CAMPS TODAY
	06:00 - 18:00	12.00	LOC	4	WAIT ON DAYLIGHT
7/11/2007	18:00 - 06:00	12.00	OTH		SET IN BACKSIDE BUILDINGS, UPPER DOGHOUSE, BARRITE RECOVERY AND CENTRIFUGE, SHAKERS AND MUD CLEANER, START TO SET IN CAMPS
	06:00 - 18:00	12.00	LOC	4	RIG MOVE 100% RIG UP 60%
7/12/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	SET IN PREMIX TANK, BAR TANKS, STRING BLOCKS PUT ON BOARD
7/13/2007	18:00 - 06:00	12.00	OTH		GENERAL RIG UP, RIG 75%
	06:00 - 18:00	12.00	LOC	4	WAIT ON DAYLIGHT
7/14/2007	18:00 - 06:00	12.00	OTH		HOOK UP FUEL, AIR AND WATER LINES, PREPARE TO RAISE DERRICK, SHIFTED DRAWWORKS FROM REVERSE TO FORWARD GEAR AND 2 CHAINS
	06:00 - 17:30	11.50	LOC	4	BROKE, RIG UP AT 80%
7/15/2007	18:00 - 21:00	3.00	LOC	4	STRESS TEST DERRICK, RAISE DERRICK AND BRIDLE DOWN, RIG UP FLOOR
	21:00 - 22:30	1.50	LOC	4	RIG UP TOP DRIVE TORQUE TUBE
7/14/2007	22:30 - 06:00	7.50	LOC	4	WELD ON CONDUCTOR PIPE
	06:00 - 17:30	11.50	LOC	4	RIG UP TOP DRIVE AND FLOW LINE
7/15/2007	17:30 - 20:30	3.00	TRP	1	RIG UP TOP DRIVE, REPLACE POWER CORD ON TOP DRIVE, SET TORQUE
	20:30 - 06:00	9.50	DRL	1	RIG UP KELLY HOSE, BAILS AND ELEVATORS, TIGHTEN BELTS TO MUD PUMPS PUT ON ROTARY CHAIN AND TONGS
7/15/2007	06:00 - 08:30	2.50	DRL	1	PICK UP BHA, TEST MUD LINE TO 1000 PSI
	08:30 - 09:30	1.00	SUR	1	DRILL F/80' TO 534' WOB 20, ROT 90, PS 200, PP 500 KEPT WEIGHT AND PS
7/15/2007	09:30 - 23:30	14.00	DRL	1	DOWN SO WE DID NOT DAMAGE CONDUCTOR PIPE FOR 100' BELOW CONDUCTOR
					DRILL F/534' TO 627' WOB 25, ROT 114, PS 200, PP 650
					CIRCULATE SURVEY @ 581' .3 INC 162.5 AZM
					DRILL F/627' TO 1120' WOB 30, ROT 114, PS 200, PP 750 CASING POINT

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**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/15/2007	23:30 - 00:00	0.50	CIRC	1	CIRCULATE PUMP SWEEPS
	00:00 - 03:00	3.00	TRP	14	WIPER TRIP TO DC
	03:00 - 04:00	1.00	CIRC	1	CIRCULATE AND DROP SURVEY
7/16/2007	04:00 - 06:00	2.00	TRP	2	TRIP OUT LAY DOWN IBS'S AND 8" DC
	06:00 - 06:30	0.50	TRP	2	TRIP OUT TO RUN CASING
	06:30 - 08:00	1.50	TRP	1	LAY DOWN 8" DC AND IBS'S
	08:00 - 10:00	2.00	CSG	1	HOLD SAFETY MEETING WITH CASING CREW, RIG UP CASING CREW
	10:00 - 14:00	4.00	CSG	2	RUN 26 JTS OF 10 3/4" J55, 40.5 LB CASING LANDED AT 1097' KB
	14:00 - 15:00	1.00	CIRC	1	CIRCULATE, HELD SAFETY MEETING WITH HALLIBURTON RIG UP HALLIBURTON
	15:00 - 16:00	1.00	CMT	2	CEMENT WITH HALLIBURTON, PUMPED 238 SKS OF 11.5 PPG 2.94 YIELD LEAD CEMENT, 230 SKS OF 13.5 PPG 1.8 YIELD TAIL CEMENT DISPLACED WITH 104 BBLs OF WATER BUMPED PLUG, FLOATS HELD GOOD RETURNS DURING JOB PLUG DOWN 16:22, 7/15/2007 25 BBLs OF CEMENT TO PITS
7/17/2007	16:00 - 22:00	6.00	WOT	1	WAIT ON CEMENT
	22:00 - 23:00	1.00	OTH		CUT CONDUCTOR AND CASING
	23:00 - 01:00	2.00	OTH		DIG OUT CELLAR, CELLAR NOT DEEP ENOUGH FOR WELLHEAD
	01:00 - 04:00	3.00	WHD	1	WELD ON MBS WELLHEAD LET COOL
	04:00 - 06:00	2.00	BOP	1	INSTALL B SECTION, NIPPLE UP BOP
	06:00 - 14:00	8.00	BOP	1	NIPPLE UP BOP
	14:00 - 18:00	4.00	BOP	2	TEST BOP, 250 LOW 5000 HIGH, UPPER AND LOW PIPE RAMS, BLIND RAMS, CHOKE AND KILL LINE, FLOOR VALVE AND TOP DRIVE, TEST MUD LINES AND BAG TO 250 LOW AND 3500 HIGH ALL TESTED GOOD
	18:00 - 21:30	3.50	OTH		WORK ON FLOW LINE TO GAS BUSTER, LAY FLARE LINE AND PANIC LINE
	21:30 - 01:00	3.50	DRL	4	DRILL FLOAT EQUIPMENT AND CEMENT 1058' TO 1120'
	01:00 - 01:30	0.50	DRL	1	DRILL F/1120' TO 1140' CIRCULATE
7/18/2007	01:30 - 02:00	0.50	EQT	2	FIT TO 10.8 EQW 8.7MW + 126 PSI HELD
	02:00 - 06:00	4.00	DRL	1	DRILL F/1140' TO 1386' WOB 6, PS 160, PP900, ROT 150
	06:00 - 16:00	10.00	DRL	1	DRILL F/ 1356' TO 2280', WOB 18K, RPM 150, PS 160, PP 1260
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 20:30	4.00	DRL	1	DRILL F/ 2280' TO 2563', WOB 18K, RPM 150, PS 160, PP 1300
	20:30 - 21:30	1.00	CIRC	2	LOST CIRCULATION, PUMP 12 PPB LCM SWEEPS REGAIN CIRCULATION, LOST TOTAL 150 BBL
	21:30 - 00:00	2.50	DRL	1	DRILL F/ 2563' TO 2711', WOB 18K, RPM 150, PS 160, PP 1300
	00:00 - 01:00	1.00	RIG	2	REPAIR TOP DRIVE (HYDRAULIC FITTING POWER UNIT)
	01:00 - 01:30	0.50	DRL	1	DRILL F/ 2711' TO 2746', WOB 18K, RPM 150, PS 160, PP 1300
	01:30 - 02:00	0.50	CIRC	2	LOST CIRCULATION, PUMP 12 PPB LCM SWEEP, REGAIN CIRCULATION, LOST TOTAL 100 BBL
7/19/2007	02:00 - 04:00	2.00	DRL	1	DRILL F/ 2746' TO 2934', WOB 8-15K, RPM 140, PS 160, PP 1300
	04:00 - 06:00	2.00	OTH		SURVEYS & CONNECTIONS
	06:00 - 09:00	3.00	DRL	1	DRILL F/ 2934' TO 3120', WOB 20K, RPM 140-150, PS 160, PP 1280
	09:00 - 10:00	1.00	CIRC	2	LOST CIRCULATION, PUMPED 12-15 PPB LCM SWEEPS, REGAIN CIRCULATION, TOTAL LOST 100 BBL
	10:00 - 11:30	1.50	DRL	1	DRILL F/ 3120' TO 3215', WOB 20K, RPM 150, PS 160, PP 1300
7/20/2007	11:30 - 12:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	12:30 - 03:30	15.00	DRL	1	DRILL F/ 3215' TO 4058', WOB 17-20K, RPM 150, PS 160, PP 1300
	03:30 - 06:00	2.50	DRL	1	CONNECTIONS & SURVEYS
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4058' TO 4245', WOB 17-20K, RPM 150, PS 160, PP 1350
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 13:30	3.00	DRL	1	DRILL F/ 4245' TO 4397', WOB 20-23K, RPM 160, PS 180, PP 1600
	13:30 - 14:30	1.00	OTH		SURVEY & CONNECTIONS
	14:30 - 15:30	1.00	CIRC	1	PUMP SWEEP, CIRCULATE BOTTOMS UP, DROP SURVEY, PUMP DRY SLUG
	15:30 - 16:30	1.00	TRP	10	TOOH W/ BIT # 2 TO 3357'

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/20/2007	16:30 - 17:30	1.00	OTH		CHANGE OUT DP SLIP DIES
	17:30 - 20:30	3.00	TRP	10	TOOH ( EXTRA TIGHT CONNECTIONS HWDP)
	20:30 - 21:00	0.50	OTH		RETRIEVE SURVEY, CHANGE BITS
	21:00 - 00:30	3.50	TRP	10	TIH W/ BIT #3, BREAK CIRC @ 1800', 3000', 3700' & 4337', SAFETY WASH & REAM LAST 60' TO 4397'
7/21/2007	00:30 - 05:30	5.00	DRL	1	DRILL F/ 4397' TO 4615', WOB 6-12K, RPM 150, PS 160, PP 1320
	05:30 - 06:00	0.50	OTH		CONNECTIONS
	06:00 - 12:00	6.00	DRL	1	DRILL F/ 4615' TO 4993', WOB 12-14K, RPM 150, PS 160, PP 1420
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
	12:30 - 19:30	7.00	DRL	1	DRILL F/ 4993' TO 5364', WOB 14-16K, RPM 170, PS 190, PP 1775
	19:30 - 20:30	1.00	SUR	1	CIRCULATE & SURVEY @ 5332' = 2.2 INC & 183.44 AZ
	20:30 - 23:00	2.50	DRL	1	DRILL F/ 5364' TO 5520', WOB 14-16K, RPM 170, PS 190, PP 1775
	23:00 - 00:30	1.50	OTH		CONNECTIONS
7/22/2007	00:30 - 01:30	1.00	CIRC	1	PUMP SWEEP, CIRCULATE, DROP SURVEY & PUMP PILL
	01:30 - 05:00	3.50	TRP	10	TOOH W/ BIT # 3
	05:00 - 06:00	1.00			RETRIEVE SURVEY, CHANGE MUD MOTORS & BIT
	06:00 - 06:30	0.50	TRP	1	FINISH CHANGE OUT MUD MOTOR & BIT
	06:30 - 10:00	3.50	TRP	10	TIH W/ BIT #4, BREAK CIRCULATION @ 1810', 3876' & 5460'. SAFETY WASH & REAM LAST 60' TO 5520'
	10:00 - 16:00	6.00	DRL	1	DRILL F/ 5520' TO 5646', WOB 12-14K, RPM 160, PS 170, PP 1550
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 01:00	8.50	DRL	1	DRILL F/ 5646' TO 5772', WOB 12-16K, RPM 120-150, PS 120-160, PP 900-1300
	01:00 - 01:30	0.50	RIG	1	CHANGE SWAB # 1 PUMP
	01:30 - 03:30	2.00	DRL	1	DRILL F/ 5772' TO 5812', WOB 12-20K, RPM 140, PS 160, PP 1350
7/23/2007	03:30 - 04:00	0.50	OTH		CONNECTIONS
	04:00 - 05:00	1.00	CIRC	1	PUMP SWEEP, DROP SURVEY, PUMP PILL
	05:00 - 06:00	1.00	TRP	10	TOOH W/ BIT # 4
	06:00 - 09:00	3.00	TRP	10	TOOH W/ BIT # 4
	09:00 - 10:00	1.00	TRP	1	RETRIEVE SURVEY & CHANGE BITS
	10:00 - 13:30	3.50	TRP	10	TIH W/ BIT # 5, FILL PIPE @ 1874', 4024', 5718'
	13:30 - 14:00	0.50	REAM	1	SAFETY WASH & REAM F/ 5718' TO 5812'
	14:00 - 05:00	15.00	DRL	1	DRILL F/ 5812' TO 6207', WOB 12-23, RPM 110-120, PS 125, PP 1350
	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 11:30	5.50	DRL	1	DRILL F/ 6207' TO 6394', WOB 24K, RPM 110, PS 124, PP 1350
7/24/2007	11:30 - 12:00	0.50	RIG	1	RIG SERVICE
	12:00 - 00:00	12.00	DRL	1	DRILL F/ 6394' TO 6767', WOB 24K, RPM 110, PS 124, PP 1480
	00:00 - 01:00	1.00	SUR	1	CIRCULATE & SURVEY @ 6736' = 2.5 INC & 174.04 AZ
	01:00 - 05:00	4.00	DRL	1	DRILL F/ 6767' TO 7017', WOB 24K, RPM 110, PS 124, PP 1600
7/25/2007	05:00 - 06:00	1.00	OTH		TOTAL TIME F/ CONNECTIONS
	06:00 - 09:30	3.50	DRL	1	DRILL F/ 7017' TO 7142', WOB 24K, RPM 110, PS 124, PP 1500
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 02:30	16.50	DRL	1	DRILL F/ 7142' TO 7633', WOB 25K, RPM 120, PS 124, PP 1500 (LOST CIRCULATION @ 7620')
7/26/2007	02:30 - 03:00	0.50	CIRC	2	PUMP 12-15 PPB LCM SWEEPS, REGAIN CIRCULATION, TOTAL LOST 150 BBL
	03:00 - 05:00	2.00	DRL	1	DRILL F/ 7633' TO 7723', WOB 24K, RPM 120, PS 124, PP 1500
	05:00 - 06:00	1.00	OTH		TOTAL TIME F/ CONNECTIONS
	06:00 - 07:00	1.00	DRL	1	DRILL F/ 7723' TO 7768', WOB 25K, RPM 120, PS 124, PP 1600
	07:00 - 08:30	1.50	SUR	1	PUMP SWEEP, CIRCULATE & SURVEY @ 7735' = 4.2 INC & 195.14 AZ
	08:30 - 13:00	4.50	DRL	1	DRILL F/ 7768' TO 7863', WOB 24K, RPM 120, PS 124, PP 1630
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE
	14:00 - 23:30	9.50	DRL	1	DRILL F/ 7863' TO 8096', WOB 24K, RPM 120, PS 124, PP 1660
	23:30 - 00:00	0.50	OTH		CONNECTIONS
	00:00 - 01:00	1.00	CIRC	1	CIRCULATE, DROP SURVEY, PUMP DRY SLUG

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/26/2007	01:00 - 05:30	4.50	TRP	10	TOOH W/ BIT # 5
	05:30 - 06:00	0.50	TRP	1	RETRIEVE SURVEY & CHANGE BITS
7/27/2007	06:00 - 06:30	0.50	OTH		ADJUST DRILL LINE GUIDE
	06:30 - 07:30	1.00	TRP	10	TIH W/ BIT # 6 to CASING SHOE (1100')
7/28/2007	07:30 - 09:00	1.50	RIG	6	SLIP & CUT DRILL LINE
	09:00 - 12:30	3.50	TRP	10	TIH TO 8051'
	12:30 - 13:00	0.50	REAM	1	SAFETY WASH & REAM F/ 8051' TO 8096'
	13:00 - 05:00	16.00	DRL	1	DRILL F/ 8096' TO 8519', WOB 25K, RPM 150, PS 160, PP 1850
	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 12:00	6.00	DRL	1	DRILL F/ 8519' TO 8612', WOB 25K, RPM 150, PS 160, PP 1850
	12:00 - 13:30	1.50	SUR	1	CIRCULATE & SURVEY @ 8572' = 2.8 INC & 165.54 AZ
	13:30 - 14:30	1.00	RIG	1	RIG SERVICE & CHANGE OUT SAVER SUB
	14:30 - 17:00	2.50	DRL	1	DRILL F/ 8572' TO 8639', WOB 20-26K, RPM 160, PS 160, PP 1850
	17:00 - 18:00	1.00	RIG	2	CHANGE SWABS # 2 PUMP
	18:00 - 19:30	1.50	DRL	1	DRILL F/ 8639' TO 8657', WOB 26K, RPM 110, PS 64, PP 1300
	19:30 - 21:00	1.50	CIRC	1	PUMP SWEEP, CIRCULATE, DROP SURVEY & PUMP DRY SLUG
7/29/2007	21:00 - 05:00	8.00	TRP	12	TOOH W/ BIT # 6
	05:00 - 06:00	1.00	TRP	1	RETRIEVE SURVEY, CHANGE OUT BITS & MUD MOTORS
	06:00 - 07:00	1.00	TRP	1	FINISH CHANGING OUT BHA
	07:00 - 14:30	7.50	TRP	2	TIH W/ BIT # 7 TO 8591' ( RESET CROWN-O-MATIC, LAY DOWN BENT DP)
	14:30 - 15:00	0.50	REAM	1	SAFETY WASH & REAM F/ 8591' TO 8657' (66 FT)
	15:00 - 22:00	7.00	DRL	1	DRILL F/ 8657' TO 8907', WOB 18K, RPM 105, PS 170, PP 1800
	22:00 - 00:00	2.00	RIG	2	CHANGE LINER & SWAB # 2 PUMP
	00:00 - 04:30	4.50	DRL	1	DRILL F/ 8907' TO 9183', WOB 18K, RPM 105, PS 170, PP 1825
	04:30 - 06:00	1.50	OTH		TOTAL TIME CONNECTIONS
	06:00 - 08:30	2.50	DRL	1	DRILL F/ 9183' TO 9276', WOB 18K, RPM 105, PS 170, PP 1875
7/30/2007	08:30 - 09:00	0.50	RIG	1	RIG SERVICE
	09:00 - 19:00	10.00	DRL	1	DRILL F/ 9276' TO 9650', WOB 22-25K, RPM 105, PS 170, PP 1950
	19:00 - 20:30	1.50	SUR	1	CIRCULATE & SURVEY @ 9607' = 3.1 INC & 144.0 AZ
	20:30 - 04:30	8.00	DRL	1	DRILL F/ 9650' TO 9914', WOB 22-24K, RPM 110, PS 170, PP 1950
	04:30 - 06:00	1.50	OTH		TOTAL TIME F/ CONNECTIONS
	06:00 - 09:30	3.50	DRL	1	DRILL F/ 9914' TO 10073', WOB 22-24K, RPM 110, PS 170, PP 1975
	09:30 - 13:00	3.50	RIG	2	CHANGE OUT THREAD HALF HAMMER UNION, PUMPS TO MUD LINE
	13:00 - 14:30	1.50	DRL	1	DRILL F/ 10073' TO 10116', WOB 22-24K, RPM 110, PS 170, PP 1985
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 10116' TO 10159', WOB 22-24K, RPM 110, PS 170, PP 2000
8/1/2007	16:30 - 17:30	1.00	RIG	2	REPLACE SWAB # 1 PUMP
	17:30 - 19:30	2.00	DRL	1	DRILL F/ 10159' TO 10209', WOB 22-24K, RPM 110, PS 170, PP 2000
	19:30 - 20:00	0.50	RIG	2	CHANGE OUT DRUM WHEEL F/ AUTO DRILLER (w/LDCAT SERVICES)
	20:00 - 05:00	9.00	DRL	1	DRILL F/ 10209' TO 10451', WOB 24K, RPM 110, PS 170, PP 2000
	05:00 - 06:00	1.00	OTH		TOTAL TIME CONNECTIONS
	06:00 - 07:30	1.50	DRL	1	DRILL F/10451' TO 10478 WOB 24, ROT 35, PS 170, PP 2000
	07:30 - 08:30	1.00	CIRC	1	CIRCULATE, DROP SURVEY
	08:30 - 14:00	5.50	TRP	10	TRIP OUT BIT #7
	14:00 - 14:30	0.50	RIG	2	WORK ON CIRCULATING DRUM, SEALS OUT OF STUFFING BOX
	14:30 - 18:30	4.00	TRP	10	TRIP OUT BIT #7
8/2/2007	18:30 - 02:30	8.00	TRP	10	TRIP IN BIT #8
	02:30 - 03:00	0.50	REAM	1	WASH AND REAM LAST STAND TO BOTTTOM
	03:00 - 06:00	3.00	DRL	1	DRILL F/10478' TO 10552' WOB 22, ROT 30, PS 170, PP 2000 .17 MOTOR
	06:00 - 08:30	2.50	DRL	1	DRILL F/10552' TO 10677' WOB 18, ROT 35, PS 170, PP 2000 .17 MOTOR
	08:30 - 09:00	0.50	RIG	1	RIG SERVICE
	09:00 - 11:00	2.00	DRL	1	DRILL F/10677' TO 10781' WOB 18, ROT 35, PS 170, PP 2000 LOST COMPLETE RETURNS

**Questar E & P**  
**Operations Summary Report**

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Well Name: WV 13AD-8-8-22R  
Location: 8-8-S 22-E 26  
Rig Name: UNIT

Spud Date: 6/27/2007  
Rig Release: 9/9/2007  
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/2/2007	11:00 - 17:00	6.00	CIRC	2	REDUCE PUMP STROKES, LOST 350 BBLs, BUILD VOLUME WITH 15% LCM REGAIN CIRCULATION, BYPASS SHAKERS AND MUD CLEANNING EQUIPMENT
	17:00 - 06:00	13.00	DRL	1	DRILL F/10781' TO 10980' WOB 24, ROT 45, PS 170, PP 1950 STARTED LOSING AGAIN AT 10967' 90 BBLs IN ONE HOUR
8/3/2007	06:00 - 07:30	1.50	DRL	1	DRLG FROM 10980' TO 10982' (WOB 24 SPM 170 1879 PP ) LOSSES 1 BBL PM
	07:30 - 08:30	1.00	CIRC	1	CIRC & COND MUD, PUMP LCM SWEEP
	08:30 - 13:30	5.00	TRP	10	DROP SURVEY TOOH
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
	14:00 - 14:30	0.50	OTH		WAIT ON INSPECTORS
	14:30 - 22:00	7.50	ISP	1	INSPECT BHA
	22:00 - 00:00	2.00	TRP	1	L/D MUD MOTOR, P/U NEW MOTOR MAKE UP BIT
	00:00 - 01:30	1.50	TRP	10	TRIP IN TO D/P
	01:30 - 03:00	1.50	RIG	6	SLIP & CUT DRLG LINE
	03:00 - 06:00	3.00	TRP	10	TRIP IN W/ BIT # 9
8/4/2007	06:00 - 09:00	3.00	TRP	10	TRIP IN WITH BIT # 9 SLOW DUE TO LOST CIRC @ 10781'
	09:00 - 14:00	5.00	DRL	1	DRLG F/ 10982' TO 11142' WOB 18 - 20 SPM 80, PP 1960
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 16:00	1.50	DRL	1	DRLG F/ 11142' TO 11204' WOB 18 75 SPM 1850 & LOST RETURNS @ 11170' 25 % RETURNS LCM 20 %
	16:00 - 23:00	7.00	CIRC	2	MIX UP LCM PILL IN PRE MIX 300 BBL , SPOT D/ HOLE F/ 4000' TO 9000' BUILD VOLUME
8/5/2007	23:00 - 06:00	7.00	DRL	1	DRLG F/ 11204' TO 11314' LOSING 70 BBLs AN HR
	06:00 - 11:00	5.00	DRL	1	DRLG F/ 11314' TO 11424'
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 21:00	9.50	DRL	1	DRLG F/ 11424' TO 11551' ( WOB 18 - 20 - 130 SPM, PP 1806) LOSS 1 BBL MIN
	21:00 - 22:00	1.00	CIRC	1	CIRCULATE DROP SURVEY PUMP DRY PIPE PILL
	22:00 - 06:00	8.00	TRP	10	TRIP OUT BIT #9, LOSING VOLUME FILLING HOLE
8/6/2007	06:00 - 06:30	0.50	TRP	10	TRIP OUT W BIT # 9 LAY DOWN MUD MOTOR, BIT, IBS FUNCTION BOP
	06:30 - 11:30	5.00	TRP	10	STRAP MOTOR P/U MOTOR, BIT, TRIP IN TO 7000' COULDN'T BREAK CIRC
	11:30 - 18:00	6.50	TRP	10	TRIP OUT & PLUGED @ CROES FOOT WITH LCM & UNPLUG
	18:00 - 03:00	9.00	TRP	10	TRIP IN WITH BIT # 10, BREAK CIRC EVERY 1500' TIGHT SPOT @ 2500', 7657'
	03:00 - 06:00	3.00	DRL	1	DRLG F/11551' TO 11610' ( WOB 18, 59 SPM, RPM 90 )
8/7/2007	06:00 - 06:30	0.50	DRL	1	DLRG F/ 11610' TO 11612'
	06:30 - 09:30	3.00	CIRC	2	LOST CIRC, PULL 2 STDS AND BUILD VOLUME 300 BBL WORK DRILLSTRING EVERY 10 MINUTES
	09:30 - 22:00	12.50	DRL	1	DLRG F/ 11612' TO 11763' ( WOB 25 - 30, RPM 56, PP 1460, FPH 12 )
	22:00 - 22:30	0.50	CIRC	1	PUMP DRY PILL
8/8/2007	22:30 - 06:00	7.50	TRP	10	TRIP OUT W/ BIT # 10
	06:00 - 07:00	1.00	TRP	10	TRIP OUT W/ BIT # 10
	07:00 - 07:30	0.50	TRP	1	CHANGE OUT BIT
	07:30 - 08:30	1.00	TRP	10	TRIP IN W/ BIT # 10
	08:30 - 09:00	0.50	RIG	1	RIG SERVICE
	09:00 - 14:00	5.00	TRP	10	TRIP IN W/ BIT # 11
	14:00 - 17:30	3.50	REAM	1	REAM 8 STANDS TO BOTTOM HAD MUD RING @ 2500', 25' FLARE
	17:30 - 00:30	7.00	DRL	1	DRLG F/ 11763' TO 11863' ( WOB 25 - 30 , SPM 68, PP 1357, FPH 14' )
	00:30 - 01:00	0.50	TRP	15	PULL 3 STDS
	01:00 - 03:00	2.00	CIRC	6	BULID VOLUME IN PRE MIIX & TRANSFER TO MUD TANKS
	03:00 - 03:30	0.50	TRP	2	TRIP IN 3 STDS
	03:30 - 06:00	2.50	DRL	1	DRLG F/ 11863' TO 11875'
8/9/2007	06:00 - 10:30	4.50	CIRC	1	CIRCULATE & CONDITION MUD, BALANCE MUD WT & SYSTEM TO 9.5 PPG LCM 18PPB
	10:30 - 17:00	6.50	TRP	14	SHORT TRIP TO SHOE (TIGHT SPOT @ 2500'

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/9/2007	17:00 - 18:00	1.00	RIG	6	SLIP & CUT DRLG LINE
	18:00 - 00:00	6.00	TRP	14	TRIP IN BREAKING CIRC EVERY 1500'
	00:00 - 01:00	1.00	CIRC	2	CIRC & COND MUD FOR 7" CASING AND LOST 600 BBLs
8/10/2007	01:00 - 06:00	5.00	CIRC	2	BUILD VOLUME TRANSFER TO MUD TANKS & BUILD VOLUME
	06:00 - 07:00	1.00	CIRC	6	BUILD VOLUME
	07:00 - 09:30	2.50	CIRC	1	CIRC & COND
8/11/2007	09:30 - 20:00	10.50	TRP	3	LAY DOWN DRILLSTRING
	20:00 - 23:30	3.50	CSG	1	PULL WEAR BUSHING & RIG UP CASING CREW
	23:30 - 06:00	6.50	CSG	2	RUN 7" CASING SLOW & BRAK CIRC EVERY 1200' RUN 61 JTS OF #29 (2836') AND 196 JTS OF #26 CASING WITH 4' PUP JT LANDED @ 11853.36' KB
	06:00 - 12:00	6.00	CSG	2	RUN 7" CASING TO LAND @ 11853' KB
	12:00 - 13:00	1.00	CIRC	1	BREAK CIRC WORK TO BOTTOM W/ 7" CSG GOOD CIRCULATION ON BOTTOM AND RETURNS WHILE RUNNING CASING
	13:00 - 14:30	1.50	CIRC	1	RIG D/ CASING CREW
8/12/2007	14:30 - 02:00	11.50	CIRC	1	CIRC & CONDITION MUD HEAL HOLE & SHAKE OUT LCM, LOST CIRC AFTER 5 HRS OF CIRCULATION, REGAIN CIRC AND SHAKE OUT LCM WAIT ON HALLIBURTON CIRCULATING AT 50 STROKES
	02:00 - 05:00	3.00	OTH		PACK OFF WELLHEAD
	05:00 - 06:00	1.00	CMT	1	RIG UP HALLIBURTON HEAD ON CASING AND BREAK CIRCULATION WITH RIG PUMP HOLD SAFETY MEETING WITH HALLIBURTON
	06:00 - 09:00	3.00	CMT	2	CEMENT 7" INTERMEDIATE WITH HALLIBURTON PUMPED 10 BBLs WATER, 14 BBLs SUPER FLUSH, 10 BBLs WATER, 191 BBLs OF 14.3 PPG 1.47 YIELD FOAMED TO 11 PPG LEAD CEMENT, 42 BBLs OF 14.3 PPG 1.47 TAIL CEMENT DISPLACED WITH 453 BBLs OF WATER BUMPED PLUG FLOATS HELD LOST 50% RETURNS DURING DISPLACEMENT NO CEMENT TO SURFACE PUMP 75 SACKS CAP CEMENT
	09:00 - 10:00	1.00	CMT	1	R/D CEMENTERS
	10:00 - 12:30	2.50	WOT	1	CHANGE OIL IN SWIVEL, OVER RUNNING CLUTCH, GREASE BLOCK SWIVEL
	12:30 - 16:00	3.50	BOP	2	TEST WITH B, C, PIPE RAMS 250/ 10,000 PSI, PIPE RAMS 250/ 10,000 PSI, BLIND 250/10,000 PSI, CSG 1500 PSI, HYDRIL, BOP, 250/ 10,000 PSI, CHOKE 250/10000 PSI, INSIDE BOP 250/10,000 PSI, CHOKE MANIFOLD 250/10,000 PSI UPPER KELLY COCK, 250/10000 PSI, LOWER KELLY COCK 250/ 10,000 PSI SAFTEY VALVE 250/10,000 PSI,
	16:00 - 16:30	0.50	TRP	2	INSTALL WEAR BUSHING
	16:30 - 18:00	1.50	OTH		R/U BALES, ELEVATORS
	18:00 - 20:00	2.00	TRP	1	MIX MUD , LAY OUT BHA
8/13/2007	20:00 - 21:30	1.50	CSG	1	R/U LAY D/ TRUCK SAFTEY MEETING
	21:30 - 06:00	8.50	TRP	2	P/U AND RUN DRILLSTRING IN, FILL PIPE EVERY 3000'
	06:00 - 10:00	4.00	TRP	2	PICK UP 4" DRILL STRING
	10:00 - 10:30	0.50	OTH		RIG DOWN LAY DOWN MACHINE
	10:30 - 13:30	3.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT TAG AT 10755'
	13:30 - 14:30	1.00	DRL	1	DRILL F/11875' TO 11890' WOB 12, ROT 35, PS 95, PP 1970 .26 MOTOR
	14:30 - 15:30	1.00	EQT	2	FIT TEST 9.5 MW + 1685 = 12 EQW
	15:30 - 06:00	14.50	DRL	1	DRILL F/11890' TO 12074' WOB 10-12, ROT 35, PS 95, PP 1950, .26 MOTOR
	06:00 - 12:00	6.00	DRL	1	DRILL F/12074' TO 12236' WOB 14, ROT 35, PS 95, PP 2300, MOTOR .26
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
8/14/2007	12:30 - 15:00	2.50	DRL	1	DRILL F/12236' TO 12272' WOB 14, ROT 35, PS 95, PP 2300 DIFFERENTIAL CLIMBED AND WOULD NOT COME DOWN UNABLE TO DRILL CIRCULATE, UNABLE TO PUMP DRY PIPE PILL
	15:00 - 16:00	1.00	CIRC	1	DROP SURVEY
	16:00 - 16:30	0.50	SUR	1	TRIP OUT BIT #12
	16:30 - 00:30	8.00	TRP	12	LAY DOWN MOTOR AND PICK UP NEW ONE .46 MAKE UP BIT
	00:30 - 01:30	1.00	TRP	1	TRIP IN BIT #13 BI-CENTER
	01:30 - 06:00	4.50	TRP	12	

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8-8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/15/2007	06:00 - 07:30	1.50	TRP	12	FINISH TIH W/ BIT # 13
	07:30 - 13:00	5.50	DRL	1	DRILL F/ 12272' TO 12432', WOB 8-12K, RPM 114 , PS 85, PP 2050
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 05:00	15.50	DRL	1	DRILL F/ 12432' TO 12900', WOB 10-12K, RPM 118, PS 87, PP 2080
8/16/2007	05:00 - 06:00	1.00	OTH		TOTAL TIME CONNECTIONS
	06:00 - 14:30	8.50	DRL	1	DRILL F/ 12900' TO 13113', WOB 10-12K, RPM 120, PS 87, PP 2150
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 05:00	14.00	DRL	1	DRILLF/ 13113' TO 13501', WOB 10-13K, RPM 125, PS 90, PP 2250
8/17/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 12:30	6.50	DRL	1	DRILL F/ 13501' TO 13696', WOB 12-14K, RPM 125, PS 90, PP 2250
	12:30 - 13:00	0.50	OTH		RIG SERVICE
	13:00 - 19:00	6.00	DRL	1	DRILL F/ 13696' TO 13844', WOB 12-14K, RPM 125, PS 90, PP 2250
8/18/2007	19:00 - 19:30	0.50	OTH		FLOW CHECK, GAINED 18 BBL W/ 6981 UNITS GAS
	19:30 - 04:00	8.50	DRL	1	DRILL F/ 13844' TO 14143', WOB 12-14K, RPM 125, PS 90, PP 2250 (20'-25' FLARE WHILE DRILLING, INCREASING MUD WEIGHT SLOWLY)
	04:00 - 04:30	0.50	OTH		CIRCULATE OUT GAS THROUGH CHOKE
	04:30 - 05:00	0.50	DRL	1	DRILL F/ 14143' TO 14166', WOB 12K, RPM 125, PS 90, PP 2250 (INCREASING MUD WEIGHT TO 10.4#)
8/19/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 11:00	5.00	DRL	1	DRILL F/ 14166' TO 14280', WOB 12-14K, RPM 125, PS 90, PP 2330 (10'-25' DRILLING FLARE)
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
8/20/2007	11:30 - 05:00	17.50	DRL	1	DRILL F/ 14280' TO 14810', WOB 12-14K, RPM 125, PS 90, PP 2400 (5'-20' DRILLING FLARE)
	05:00 - 06:00	1.00	OTH		FLOW CHECK & CONNECTIONS
	06:00 - 11:00	5.00	DRL	1	DRILL F/ 14810' TO 14960', WOB 12-14K, RPM 130, PS 90, PP 2400 (DRILLING FLARE 5'-15')
8/21/2007	11:00 - 12:00	1.00	RIG	1	RIG SERVICE
	12:00 - 05:00	17.00	DRL	1	DRILL F/ 14960' TO 15511', WOB 12-14K, RPM 130, PS 90, PP 2530 (DRILLING FLARE 4'-7')
	05:00 - 06:00	1.00	OTH		CONNECTIONS
8/22/2007	06:00 - 10:00	4.00	DRL	1	DRILL F/ 15511' TO 15641', WOB 12-14K, RPM 140, PS 90, PP 2550 (3'-8' DRILLING FLARE)
	10:00 - 10:30	0.50	DRL	1	RIG SERVICE
	10:30 - 05:00	18.50	DRL	1	DRILL F/ 15641' TO 16152', WOB 13-15K, RPM 140, PS 90, PP 2600 (3'-8' DRILLING FLARE)
8/21/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS
	06:00 - 08:30	2.50	DRL	1	DRILL F/ 16152' TO 16225', WOB 15K, RPM 140, PS 90, PP 2600 (DRILLING FLARE 3'-7')
	08:30 - 09:00	0.50	DRL	1	RIG SERVICE
8/22/2007	09:00 - 01:00	16.00	DRL	1	DRILL F/ 16225' TO 16533', WOB 15K, RPM 140, PS 90, PP 2600 (DRILLING FLARE 3'-8')
	01:00 - 02:30	1.50	CIRC	1	CIRCULATE, MIX & PUMP DRY SLUG, DROP SURVEY
	02:30 - 06:00	3.50	TRP	10	TOOH W/ BIT # 13 (SLM)
	06:00 - 14:00	8.00	TRP	10	TOOH W/ BIT # 13 (SLM, 1 JT OFF HOLE DEPTH CHANGED TO 16501')
	14:00 - 18:00	4.00	RIG	2	TESCO TOP DRIVE ELECTRICAL SHORT AT POWER UNIT BREAKER BOX, PLUG & CABLE
	18:00 - 19:30	1.50	TRP	1	CHANGE OUT BIT & MUD MOTOR
	19:30 - 00:30	5.00	TRP	10	TIH W/ BIT # 14 TO SHOE
	00:30 - 02:00	1.50	RIG	6	SLIP & CUT DRILL LINE
	02:00 - 04:30	2.50	TRP	10	TIH TO 16427'
	04:30 - 05:00	0.50	REAM	1	SAFETY WASH & REAM TO 16470' ( PACKED OFF)
05:00 - 06:00	1.00	OTH		WORK TIGHT HOLE @ 16387'	

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/23/2007	06:00 - 10:30	4.50	OTH		CONTINUE BACKREAM W/ PARTIAL RETURNS TO 15893', REGAIN FULL RETURNS, NO OVERPULL (STANDBACK 5 STANDS WORKING STAND # 6 F/ 15893' TO 15900') PUMP SWEEP
	10:30 - 19:30	9.00	REAM	1	WASH & REAM F/ 15893' TO 16157', INCREASING MW TO 11PPG (PUMP SWEEPS)
	19:30 - 20:30	1.00	OTH		CHANGE OUT SAVER SUB & 1 JT WASHED DP
	20:30 - 00:30	4.00	REAM	1	WASH & REAM F/ 16157' TO 16323' (PUMP SWEEPS)
	00:30 - 01:00	0.50	RIG	2	RIG REPAIR (PUMP UP ANCHOR F/ WEIGHT INDICATOR)
	01:00 - 02:30	1.50	REAM	1	WASH & REAM F/ 16323' TO 16391' (PUMP SWEEPS)
	02:30 - 03:30	1.00	RIG	2	REPAIR POP OFF # 1 PUMP, #2 PUMP MAX SPM 75
	03:30 - 05:00	1.50	REAM	1	WASH & REAM F/ 16391' TO 16501' (PUMP SWEEPS)
	05:00 - 06:00	1.00	DRL	1	DRILL F/ 16501' TO 16521', WOB 8K, RPM 100, PS 95, PP 2600, MW: 11.1# IN 11.0# OUT
	8/24/2007	06:00 - 07:00	1.00	DRL	1
07:00 - 07:30		0.50	REAM	1	WASH & REAM TIGHT SPOT F/ 16565' TO 16580' 3 TIMES ON CONNECTION
07:30 - 13:00		5.50	DRL	1	DRILL F/ 16549' TO 16623", WOB 9-10K, RPM 100, PS 95, PP 2450 (INCREASING MUD WEIGHT TO 11.2#)
13:00 - 14:00		1.00	OTH		DRILL F/ 16623' TO 16625' W/ PRESSURE SPIKES & TORQUE (
14:00 - 00:30		10.50	DRL	1	DRILL F/ 16625' TO 16714', WOB 12-15K, RPM 100, PS 95, PP 2700 (3'-8' DRILLING FLARE)
8/25/2007	00:30 - 01:30	1.00	SUR	1	CIRCULATE, DROP SURVEY, PUMP DRY SLUG
	01:30 - 06:00	4.50	TRP	12	TOOH W/ BIT # 14
	06:00 - 13:00	7.00	TRP	2	FINISH TOOH W/ BIT # 14 (BIT WAS 1" UNDERGAUGE)
	13:00 - 14:30	1.50	TRP	1	RETRIEVE SURVEY, LAY DOWN BIT, MUD MOTOR & NMDC
	14:30 - 15:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION TEST BOP
	15:30 - 01:00	9.50	TRP	2	M/U BIT & NBS, TIH W/ BIT # 15 - TAG @ 16504'
8/26/2007	01:00 - 05:00	4.00	REAM	1	WASH & REAM F/ 16504' TO 16714' HARD REAMING F/ 16643' TO 16654', - 16696' TO 16704' - 16702' TO 16714' (LOOSING MUD @ 5 BBL HR)
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	06:00 - 08:30	2.50	TRP	2	TOOH, BACKREAM & PUMP FIRST 6 STANDS OFF BOTTOM - 16714' TO 16071'(EXCESS CUTTINGS OVER SHAKER)
	08:30 - 11:30	3.00	CIRC	1	PUMP HIGH VIS SWEEP WHILE WORKING STAND # 6 (NO SWEEP SEEN)
	11:30 - 14:00	2.50	TRP	2	PUMP & BACKREAM 7 MORE STANDS. STAND 14 PULLED FREE (15390')
	14:00 - 15:00	1.00	OTH		PULL 5 MORE STANDS, NO PUMP OR BACK REAMING
	15:00 - 18:30	3.50	TRP	2	PUMP DRY SLUG, PULL ROTATING HEAD RUBBER, ATTACH FLOW EXTENSION NIPPLE & ADJUST BRAKES
	18:30 - 20:00	1.50	RIG	2	TOOH F/ 14902' TO 8147'
	20:00 - 00:00	4.00	TRP	2	CHANGE OUT STUFFING BOX & WATER SPEAR IN DRAW WORKS
	00:00 - 01:30	1.50	TRP	1	TOOH W/ BIT # 15
8/27/2007	01:30 - 06:00	4.50	TRP	2	L/D BIT, NBS - FUNCTION BOP - P/U BIT, MUD MOTOR & NMDC
	06:00 - 09:00	3.00	TRP	2	TIH W/ BIT # 16
	09:00 - 18:00	9.00	REAM	1	TIH, FILLING PIPE EVERY 3000' TO SHOE THEN EVERY 2000', TAG @ 15452'
	18:00 - 18:30	0.50	RIG	2	WASH & REAM F/ 15437' TO 15897' (3'-20' FLARE) INCREASING MW TO 12#
	18:30 - 22:00	3.50	REAM	1	CHANGE SWAB # 1 PUMP REPLACE NAIL IN POP OFF VALVE # 2 PUMP
	22:00 - 23:00	1.00	RIG	2	WASH & REAM F/ 15897' TO 16104' (3'-5' FLARE)
8/28/2007	23:00 - 06:00	7.00	REAM	1	CHANGE OUT SAVER SUB
	06:00 - 08:00	2.00	REAM	1	WASH & REAM F/ 16104' TO 16614' (3'-5' FLARE) MUD WEIGHT 12# IN/OUT
	08:00 - 00:30	16.50	DRL	1	WASH & REAM F/ 16614' TO 16714'
	00:30 - 02:30	2.00	RIG	2	DRILL F/ 16714' TO 16808' WOB 3-6K, RPM 620, PS 97, PP 2800 (DRILLING FLARE 3'-5')
	02:30 - 06:00	3.50	DRL	1	TESCO TOP DRIVE - REPAIR STARTER MOTOR ON POWER UNIT
					DRILL F/ 16808' TO 16825', WOB 6-7K, RPM 620, PS 97, PP 2800 (DRILLING

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/28/2007	02:30 - 06:00	3.50	DRL	1	FLARE 3'-5')
8/29/2007	06:00 - 18:30	12.50	DRL	1	DRILL F/16825' TO 16907' WOB 7-8, ROT 75, PS 95, PP 2850 MM 2.25
	18:30 - 19:30	1.00	OTH		BIT STUCK FROM POP OFF BLOWING, WORK PIPE AND REGAIN CIRCULATION
8/30/2007	19:30 - 06:00	10.50	DRL	1	DRILL F/16907' TO 16977' WOB 4-8, ROT 75, PS 95, PP 2900 MM 2.25
	06:00 - 10:00	4.00	DRL	1	DRILL F/16977' TO 17004' WOB 5-8, ROT 75, PS 95, PP 2850 MM 2.25
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 14:30	4.00	DRL	1	DRILL F/17004' TO 17025' WOB 5-8, ROT 75, PS 95, PP 2850 TD
	14:30 - 16:00	1.50	CIRC	1	CIRCULATE, MW 12.7
	16:00 - 22:00	6.00	TRP	14	WIPER TRIP 20 STDs, BACK REAM FIRST 8 STDs, WIPER TRIP IN REAM LAST STAND TO BOTTOM, NO FILL
8/31/2007	22:00 - 06:00	8.00	CIRC	1	CIRCULATE, 15' FLARE AS SOON AS PUMP WAS BROUGHT ON BOTTOMS UP 35' FLARE MUD GAS CUT
	06:00 - 10:00	4.00	CIRC	1	CIRCULATE, BRING MW TO 13.1 VIS 50
9/1/2007	10:00 - 10:30	0.50	SUR	1	DROP SURVEY
	10:30 - 11:00	0.50	CIRC	1	PUMP 178 BBLs OF 14 PPG MUD WITH 1 SACK ALL TEMP
	11:00 - 01:00	14.00	TRP	2	TRIP OUT FOR LOGS, HAD TO PUMP FIRST 2 STDs OUT
	01:00 - 01:30	0.50	TRP	1	RECOVER SURVEY AND LAY DOWN MONEL AND MUD MOTOR
	01:30 - 02:30	1.00	LOG	1	RIG UP SCHLUMBERGER
	02:30 - 06:00	3.50	LOG	1	FIRST RUN PLATFORM EXPRESS AND SONIC
9/2/2007	06:00 - 12:00	6.00	LOG	1	FIRST RUN PLATFORM EXPRESS AND SONIC WOULD NOT PASS 16660'
	12:00 - 04:00	16.00	LOG	2	SECOND RUN CASED HOLE LOG GAMMA, NEUTRON, SONIC
9/3/2007	04:00 - 06:00	2.00	TRP	2	TRIP IN WITH BIT #17 AND HUNTING 2.26 MOTOR
	06:00 - 08:00	2.00	TRP	2	TRIP IN BIT #17 AND 2.26 MUD MOTOR
	08:00 - 10:00	2.00	RIG	2	REPAIR CHAIN IN DRAWWORKS AND LUBRICATION LINE
	10:00 - 14:00	4.00	TRP	2	TRIP IN TO SHOE 11800'
	14:00 - 15:30	1.50	RIG	6	SLIP AND CUT DRILLING LINE
	15:30 - 18:00	2.50	TRP	2	TRIP IN TO 16500'
9/4/2007	18:00 - 22:30	4.50	REAM	1	WASH AND REAM LAST 5 STDs TO BOTTOM 16500' TO 17025'
	22:30 - 06:00	7.50	DRL	1	DRILL F/17025' TO 17069' WOB 5-8, ROT 75, PS 95, PP 2800 2.26 MM
	06:00 - 13:00	7.00	DRL	1	DRILL F/17069' TO 17104' WOB 5-8, ROT 75, PS 95, PP 2800 2.26 MM
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 17:00	3.50	DRL	1	DRILL F/17104' TO 17123' WOB 5-8, ROT 75, PS 95, PP 2800 2.26 MM LOST 75% RETURNS
	17:00 - 23:00	6.00	CIRC	2	PUMP TWO 50 BBL #25 PB LCM SWEEPS NO RETURNS, PULL 5 STDs AND PUMP 50 BBL #25 PER BBL LCM SWEEP NO RETURNS LOST 500 BBLs
9/5/2007	23:00 - 01:00	2.00	TRP	2	PULL 20 STDs TO 14698' ESTABLISH CIRCULATION
	01:00 - 06:00	5.00	CIRC	1	CIRCULATE OUT GAS AND GET MUD IN CONDITION BUILD VOLUME HEAVY GAS CUT CO2?
	06:00 - 14:00	8.00	CIRC	1	CIRCULATE AND CONDITION MUD, WAIT ON BARRITE TRUCK FROM 09:00 TO 13:30
	14:00 - 18:00	4.00	REAM	1	TRIP IN, BREAK CIRCULATION EVERY SECOND STAND AND CIRCULATE WASH LAST TWO STANDS TO BOTTTOM
	18:00 - 23:00	5.00	CIRC	1	CIRCULATE AND TREAT MUD FOR CARBINATE PROBLEM
	23:00 - 00:00	1.00	CIRC	1	PUMP 180 BBLs OF 14.2 PPG MUD WITH 2 SACKS ALL TEMP LCM 70 VIS
9/5/2007	00:00 - 06:00	6.00	TRP	2	TRIP OUT TO LOG
	06:00 - 08:30	2.50	TRP	2	TRIP OUT TO LOG
	08:30 - 09:00	0.50	TRP	1	LAY DOWN MONEL AND MUD MOTOR
	09:00 - 15:30	6.50	LOG	1	RIG UP SCHLUMBERGER AND RUN GAMMA, RESISTIVITY AND SONIC LOGGERS DEPTH 17108'
	15:30 - 06:00	14.50	LOG	1	RIG UP AND RUN SIDEWALL CORE LOG, RUN #1 CUT 24 SAMPLES AND RECOVERED 19, THE SAMPLES THAT WERE NOT CAUGHT WERE FULL OF DEHYDRATED MUD, HAD PROBLEM WITH FIRST TOOL CHANGE TOOLS OUT

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/6/2007	06:00 - 13:00	7.00	GEO	1	SIDE WALL CORES, THREE RUNS 52 ATTEMPTED CORES MISSED 11, COLLECTED 41
	13:00 - 14:00	1.00	OTH		RIG DOWN LOGGERS
	14:00 - 14:30	0.50	OTH		CLEAN UP FLOOR AND PREPARE TO TRIP IN
	14:30 - 01:00	10.50	TRP	2	TRIP IN BREAK CIRCULATION EVERY 1000' AFTER SHOE
	01:00 - 02:00	1.00	REAM	1	WASH AND REAM LAST STD TO BOTTOM
9/7/2007	02:00 - 06:00	4.00	CIRC	1	CIRCULATE, TREAT DEHYDRATED MUD
	06:00 - 08:30	2.50	CIRC	1	CIRCULATE AND CONDITION MUD, MIX 180 BBLs OF 14.2 PPG MUD WITH ALL TEMP
	08:30 - 09:00	0.50	CIRC	1	PUMP 180 BBLs OF 14.2 PPG MUD
	09:00 - 17:00	8.00	TRP	3	LAY DOWN DRILL STRING
	17:00 - 20:00	3.00	RIG	2	REPAIR TWO CHAINS IN DRAWWORKS
9/8/2007	20:00 - 05:00	9.00	TRP	3	LAY DOWN DRILL STRING
	05:00 - 06:00	1.00	OTH		PULL WEAR BUSHING
	06:00 - 08:30	2.50	CSG	1	RIG UP CASING CREW
	08:30 - 17:00	8.50	CSG	2	RUN 4 1/2" CASING 76 JTS OF Q-125 AND MARKER JTS AND 308 JTS OF P-110 WITH 5 MARKER JTS LANDING AT 17100' KB
	17:00 - 18:00	1.00	OTH		INSTALL ROTATING HEAD AND CHANGE ELEVATORS AND BAILS
9/9/2007	18:00 - 01:00	7.00	CSG	2	RUN 4 1/2" CASING 87' FROM BOTTOM PLUG SHOE, PULL ONE JT AND BREAK CIRCULATION
	01:00 - 04:00	3.00	CIRC	1	CIRCULATE CASING DOWN TO 17100'
	06:00 - 10:00	4.00	CMT	2	RIG UP HALLIBURTON AND CEMENT, CASING LANDE AT 17100' KB CEMENTED WITH 40 BBLs OF 15.5 TUNED SPACER AND 1180 SKS OF 13.5 PPG 1.81 YIELD POZ CEMENT DISPLACED WITH 243 BBLs OF CLAYFIX WATER, BUMPED PLUG FLOATS HELD GOOD RETURNS THROUGH OUT JOB PLUG DOWN 09:35, 9/8/ 2007
	10:00 - 10:30	0.50	CMT	1	RIG DOWN HALLIBURTON
	10:30 - 16:30	6.00	BOP	1	NIPPLE DOWN BOP, LIFT BOP AND SET SLIPS STRING WEIGHT 125000, CUT CASING, CLEAN MUD TANKS
	16:30 - 06:00	13.50	LOC	4	LAY DOWN TOP DRIVE AND SWIVEL, RIG DOWN FLOOR RIG RELEASED @ 06:00 9/9/2007

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Operations Summary Report						
Well Name: WV 13AD-8-8-22R			Spud Date: 6/27/2007			
Location: 8-8-S 22-E 26			Rig Release: 9/9/2007			
Rig Name: UNIT			Rig Number: 236			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/2/2007	06:00 - 16:00	10.00	LOC	3	TIGHT HOLE - Initial Completion Report. On 10/1/07 - Move Rocky Mtn Well Service #3 to location. Wait on construction to finish around well head to rig up.  24 Hour Forecast: Will rig up & run CBL.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'	
10/3/2007	06:00 - 16:00	10.00	LOG	4	TIGHT HOLE - On 10/ 2/07- RU Rocky Mtn Well Service #3. NU 4" 15K frac valve. MIRU Cutters WL & make a 3.625" gauge ring run to 17073'. Run CBL from 17073' to surface. TOC @ 252'. RDMO Cutters WL. SDFN.  24 Hour Forecast: Will perforate & flow back.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'	
10/4/2007	06:00 - 16:00	10.00	LOG	4	TIGHT HOLE - On 10/3/07 MIRU Cutters WL & Quick Test crew. Pressure test csg & frac valve to 7500#, valve started leaking. Bleed off well & attempt to repair valve. Had to wait on parts. SWIFN.  24 Hour Forecast: Will test & perforate.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'	
10/5/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - On 10/4/07 MIRU Cutters WL & Quick Test Crew. Pressure test csg & frac valve to 11,500#. OK. RIH w/ Cutters WL & perforate Dakota zone 16,921' - 16,930' w/ 3-1/8" csg gun at 3 spf with Power Pak charges. RDMO Cutters WL and Quick Test crew. Csg had a very slight blow for 30 minutes, then died. Watched until 3:00 PM, then shut well in. Didn't flow any gas or fluid.  24 Hour Forecast: Will breakdown zone w/ 2% KCL water.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'	
10/8/2007	06:00 - 16:00	10.00	PTST	2	Dakota 16921' - 16930' TIGHT HOLE - On 10/5/07 open well. Well died. MIRU Halliburton Crew. Pre-job safety meeting. Break down Dakota perms 16921' - 16930' @ 6900#. Pump 27 bbls 2% KCL water. Pump @ 3.5 BPM & 6400# average pressure. ISIP = 6280#. FG = .81. Flow back well to tank on 18/64" choke. Recovered 17 bbls in 2 hrs. Well died. Total load to recover is 268 bbls. (241 bbls csg volume & 27 bbls load pumped). SWIFWE.  24 Hour Forecast: Will RIH w/ tbg & swab.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'	

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Operations Summary Report						
Well Name: WV 13AD-8-8-22R			Spud Date: 6/27/2007			
Location: 8-8-S 22-E 26			Rig Release: 9/9/2007			
Rig Name: UNIT			Rig Number: 236			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/8/2007	06:00 - 16:00	10.00	PTST	2	16921' - 16930'	
10/9/2007	06:00 - 16:00	10.00	TRP	2	TIGHT HOLE - SICP = 3100#. On 10/8/07 Open csg to pit. Well died in 30 seconds. NU 7-1/16" 15K BOP & flow tee on 4" 15K frac valve. PU, tally & rabbit in hole w/ 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & 272 jts 2-3/8" P-110 tbg to 8900'. SWIFN. Lock Rams.  24 Hour Forecast: Will finish RIH w/ tbg & swab.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/10/2007	06:00 - 16:00	10.00	TRP	2	TIGHT HOLE - SICP = 1600#, SITP = 1600#. On 10/9/07 Bleed well off. Well died in 2 minutes. Finish PU, tally & rabbit in hole w/ 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & 2-3/8" P-110 tbg to tag @ 17065'. Perfs @ 16921' - 16930'. Pull up to 16865' w/ tbg tail. SWIFN & Lock Rams.  24 Hour Forecast: Will pump 1000 gals HCL & 72 Bio-balls.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/11/2007	06:00 - 16:00	10.00	STIM	1	TIGHT HOLE - SICP = 750#, SITP = 600#. On 10/10/07 Bleed well off. Well died. With EOT @ 16865'. MIRU Halliburton Acid Crew. Pre-job safety meeting. Pump 1000 gals HCL job w/ 72 Bio-Balls. Open csg. Load hole. Close csg, break down perfs @ 8442#. Open csg, spot acid & bio-balls to bottom of tbg. Close csg, pump acid & bio-balls to perfs. Got some ball action. Over flush w/ 2% KCL by 20 bbls. ISIP = 6350#, 5 min = 5688#, 10 min = 5500#, 15 min = 5394#. FG = .81. Avg rate = 4.6 BPM, Avg Pressure = 5000#. Max rate = 6.0 BPM, max pressure = 8442#. Total load = 126 bbls. RDMO Halliburton Acid Crew.  Flow back to tank on 18/64" choke. Recovered 32 bbls & well died. Swab tbg. Made 9 runs & recovered 45 bbls fluid. IFL = 500'. FFL = 3550'. Final csg = 60#. Total recovered = 77 bbls. 262 BLLTR. SWIFN & lock rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/12/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 300#, SITP = 50#. On 10/11/07 - Open tbg. Tbg died. BLLTR = 262. Swab tbg. Made 20 runs & recovered 98 bbls fluid. IFL @ 2500'. FFL @ 8300'. Final csg = 150#. No flow on tbg. 164 BLLTR. SWIFN & Lock Rams.  24 Hour Forecast: Will flow test well.	

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<b>Operations Summary Report</b>						
Well Name: WV 13AD-8-8-22R			Spud Date: 6/27/2007			
Location: 8-8-S 22-E 26			Rig Release: 9/9/2007			
Rig Name: UNIT			Rig Number: 236			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/12/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/15/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 350#. SITP = 120#. On 10/12/07 Open tbg. Tbg Died. BLLTR = 164. Swab tbg. Made 12 runs & recovered 55 bbls fluid. IFL @ 7700'. FFL @ 11000'. Final csg = 320#. No flow on tbg. 109 BLLTR. SWIFN & Lock rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/16/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 960#. SITP = 500#. On 10/15/07 - Open tbg. Tbg died in 5 minutes. BLLTR = 109. Swab tbg. Made 12 runs & recovered 48 bbls fluid. IFL = 8500'. FFL = 11100'. Final csg = 800#. No flow on tbg. 61 BLLTR. SWIFN & Lock Rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/17/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 1020#. SITP = 130#. On 10/16/07 - Open tbg. Tbg died in 5 minutes. BLLTR = 61. Swab tbg. Made 12 runs & recovered 38 bbls fluid. IFL @ 9800'. FFL @ 11500'. Final csg = 1020#. No flow on tbg. 23 BLLTR. SWIFN & Lock Rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/18/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 1150#. SITP = 140#. On 10/17/07 Open tbg. Tbg died in 5 minutes. BLLTR = 23. Swab tbg. Made 11 runs & recovered 28 bbls fluid. IFL @ 10700'. FFL @ 12600'. Final csg = 1120#. No flow on tbg. 5 bbls overload. Pulled water sample. SWIFN & Lock Rams.  24 Hour Forecast: LD tbg.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota	

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Operations Summary Report						
Well Name: WV 13AD-8-8-22R			Spud Date: 6/27/2007			
Location: 8-8-S 22-E 26			Rig Release: 9/9/2007			
Rig Name: UNIT			Rig Number: 236			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/18/2007	06:00 - 16:00	10.00	SWAB	1	16921' - 16930'	
10/19/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE - SICP = 1150#. SITP = 140#. On 10-18-07 Bleed off tbg. Pump 100 bbis 2% KCL wtr to control well. POOH, layind down 270 jts 2 3/8" P-110 tbg to 8100'. SWFN & Lock rams.  24 Hour Forecast: will LD tbg.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/22/2007	06:00 - 16:00	10.00	TRP	5	LLTR: -5 TIGHT HOLE - SICP = 240#. SITP=240#. 24 Hour Forecast: will RDMO  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
10/23/2007	06:00 - 16:00	10.00	BOP	1	LLTR: -5 TIGHT HOLE - SICP=760#. On 10-22-07 ND 7" 15K BOP Stack. RDMO Rocky Mtn Well Service.  Leave well shut in w/4" 15K frac valve on.  Discontinue report till further activity.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'	
					LLTR: -5	

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Operations Summary Report					
Well Name: WV 13AD-8-8-22R			Spud Date: 6/27/2007		
Location: 8-8-S 22-E 26			Rig Release: 9/9/2007		
Rig Name: UNIT			Rig Number: 236		
Date	From - To	Hours	Code	Sub Code	Description of Operations
10/2/2007	06:00 - 16:00	10.00	LOG	3	<p>TIGHT HOLE - Initial Completion Report. On 10/1/07 - Move Rocky Mtn Well Service #3 to location. Wait on construction to finish around well head to rig up.</p> <p>24 Hour Forecast: Will rig up &amp; run CBL.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125 Csg Depth: 17,100'</p>
10/3/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 10/2/07- RU Rocky Mtn Well Service #3. NU 4" 15K frac valve. MIRU Cutters WL &amp; make a 3.625" gauge ring run to 17073'. Run CBL from 17073' to surface. TOC @ 252'. RDMO Cutters WL. SDFN.</p> <p>24 Hour Forecast: Will perforate &amp; flow back.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125 Csg Depth: 17,100'</p>
10/4/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 10/3/07 MIRU Cutters WL &amp; Quick Test crew. Pressure test csg &amp; frac valve to 7500#, valve started leaking. Bleed off well &amp; attempt to repair valve. Had to wait on parts. SWIFN.</p> <p>24 Hour Forecast: Will test &amp; perforate.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125 Csg Depth: 17,100'</p>
10/5/2007	06:00 - 16:00	10.00	PERF	2	<p>TIGHT HOLE - On 10/4/07 MIRU Cutters WL &amp; Quick Test Crew. Pressure test csg &amp; frac valve to 11,500#. OK. RIH w/ Cutters WL &amp; perforate Dakota zone 16,921' - 16,930' w/ 3-1/8" csg gun at 3 spf with Power Pak charges. RDMO Cutters WL and Quick Test crew. Csg had a very slight blow for 30 minutes, then died. Watched until 3:00 PM, then shut well in. Didn't flow any gas or fluid.</p> <p>24 Hour Forecast: Will breakdwon zone w/ 2% KCL water.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125 Csg Depth: 17,100'</p>
10/8/2007	06:00 - 16:00	10.00	PTST	2	<p>Dakota 16921' - 16930'</p> <p>TIGHT HOLE - On 10/5/07 open well. Well died. MIRU Halliburton Crew. Pre-job safety meeting. Break down Dakota perms 16921' - 16930' @ 6900#. Pump 27 bbbls 2% KCL water. Pump @ 3.5 BPM &amp; 6400# average pressure. ISIP = 6280#. FG = .81. Flow back well to tank on 18/64" choke. Recovered 17 bbbls in 2 hrs. Well died. Total load to recover is 268 bbbls. (241 bbbls csg volume &amp; 27 bbbls load pumped). SWIFWE.</p> <p>24 Hour Forecast: Will RIH w/ tbg &amp; swab.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125 Csg Depth: 17,100'</p> <p>Dakota</p>

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DIV. OF OIL, GAS & MINING

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/8/2007	06:00 - 16:00	10.00	PTST	2	16921' - 16930'
10/9/2007	06:00 - 16:00	10.00	TRP	2	<p>TIGHT HOLE - SICP = 3100#. On 10/8/07 Open csg to pit. Well died in 30 seconds. NU 7-1/16" 15K BOP &amp; flow tee on 4" 15K frac valve. PU, tally &amp; rabbit in hole w/ 1 jt 2-3/8" P-110 tbg, 1.81" "F" Nipple &amp; 272 jts 2-3/8" P-110 tbg to 8900'. SWIFN. Lock Rams.</p> <p>24 Hour Forecast: Will finish RIH w/ tbg &amp; swab.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/10/2007	06:00 - 16:00	10.00	TRP	2	<p>TIGHT HOLE - SICP = 1600#, SITP = 1600#.</p> <p>On 10/9/07 Bleed well off. Well died in 2 minutes. Finish PU, tally &amp; rabbit in hole w/ 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple &amp; 2-3/8" P-110 tbg to tag @ 17065'. Perfs @ 16921' - 16930'. Pull up to 16865' w/ tbg tail. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will pump 1000 gals HCL &amp; 72 Bio-balls.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/11/2007	06:00 - 16:00	10.00	STIM	1	<p>TIGHT HOLE - SICP = 750#, SITP = 600#.</p> <p>On 10/10/07 Bleed well off. Well died. With EOT @ 16865'. MIRU Halliburton Acid Crew. Pre-job safety meeting. Pump 1000 gals HCL job w/ 72 Bio-Balls. Open csg. Load hole. Close csg, break down perfs @ 8442#. Open csg, spot acid &amp; bio-balls to bottom of tbg. Close csg, pump acid &amp; bio-balls to perfs. Got some ball action. Over flush w/ 2% KCL by 20 bbls. ISIP = 6350#, 5 min = 5688#, 10 min = 5500#, 15 min = 5394#. FG = .81. Avg rate = 4.6 BPM, Avg Pressure = 5000#. Max rate = 6.0 BPM, max pressure = 8442#. Total load = 126 bbls. RDMO Halliburton Acid Crew.</p> <p>Flow back to tank on 1 1/2" choke. Recovered 32 bbls &amp; well died. Swab tbg. Made 9 runs &amp; recovered 45 bbls fluid. IFL = 500'. FFL = 3550'. Final csg = 60#. Total recovered = 77 bbls. 262 BLLTR. SWIFN &amp; lock rams.</p> <p>24 Hour Forecast: Will flow test well.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/12/2007	06:00 - 16:00	10.00	SWAB	1	<p>TIGHT HOLE - SICP = 300#, SITP = 50#.</p> <p>On 10/11/07 - Open tbg. Tbg died. BLLTR = 262.</p> <p>Swab tbg. Made 20 runs &amp; recovered 98 bbls fluid. IFL @ 2500'. FFL @ 8300'. Final csg = 150#. No flow on tbg. 164 BLLTR. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will flow test well.</p>

**Questar E & P**  
**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
Location: 8- 8-S 22-E 26  
Rig Name: UNIT

Spud Date: 6/27/2007  
Rig Release: 9/9/2007  
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/12/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/15/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 350#. SITP = 120#. On 10/12/07 Open tbg. Tbg Died. BLLTR = 164. Swab tbg. Made 12 runs & recovered 55 bbls fluid. IFL @ 7700'. FFL @ 11000'. Final csg = 320#. No flow pm tbg. 109 BLLTR. SWIFN & Lock rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/16/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 960#. SITP = 500#. On 10/15/07 - Open tbg. Tbg died in 5 minutes. BLLTR = 109. Swab tbg. Made 12 runs & recovered 48 bbls fluid. IFL = 8500'. FFL = 11100'. Final csg = 900#. No flow on tbg. 61 BLLTR. SWIFN & Lock Rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/17/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 1020#. SITP = 130#. On 10/16/07 - Open tbg. Tbg died in 5 minutes. BLLTR = 61. Swab tbg. Made 12 runs & recovered 38 bbls fluid. IFL @ 9800'. FFL @ 11500'. Final csg = 1020#. No flow on tbg. 23 BLLTR. SWIFN & Lock Rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/18/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE - SICP = 1150#. SITP = 140#. On 10/17/07 Open tbg. Tbg died in 5 minutes. BLLTR = 23. Swab tbg. Made 11 runs & recovered 28 bbls fluid. IFL @ 10700'. FFL @ 12600'. Final csg = 1120#. No flow on tbg. 5 bbls overload. Pulled water sample. SWIFN & Lock Rams.  24 Hour Forecast: LD tbg.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/18/2007 10/19/2007	06:00 - 16:00 06:00 - 16:00	10.00 10.00	SWAB TRP	1 5	16921' - 16930' TIGHT HOLE - SICP = 1150#. SITP = 140#. On 10-18-07 Bleed off tbg. Pump 100 bbls 2% KCL wtr to control well. POOH, layind down 270 jts 2 3/8" P-110 tbg to 8100'. SWIFN & Lock rams.  24 Hour Forecast: will LD tbg.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'  LLTR: -5
10/22/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE - SICP = 240#. SITP=240#.  24 Hour Forecast: will RDMO  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'  LLTR: -5
10/23/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE - SICP=760#. On 10-22-07 ND 7" 15K BOP Stack. RDMO Rocky Mtn Well Service.  Leave well shut in w/4" 15K frac valve on.  Discontinue report till further activity.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'  LLTR: -5
11/13/2007	06:00 - 16:00	10.00	STIM	3	Tight Hole - Completion Report - On 11/12/07, MIRU Halliburton Frac Crew & OWP. Zone 1A - Dakota - (16921' - 16930') - Frac gross perforated Dakota interval 16921' - 16930' down csg using a 35# x-linked gel system as follows: Pump 800 gals of 15% HCL followed by a 346 bbls pad and stage 0.5 to 4.0 ppg 30/60 Sinterlite sand & total sand in 499 bbls, fluid w/ flush of 238 bbls of slick water. Total of 28,400# sand (5000# mesh) & a total load of 1115 bbl. Max rate = 36 BPM; avg rate = 29 BPM; max psi = 11064#; avg psi = 10292#; ISIP = 8995#; (.97). Lubricate in comp frac plug @ 16900'. Zone 1B - (16728' - 16881') - Perforate per the CBL log the following intervals at 3 JPF (120" phasing) using a 2-1/2" csg gun - Dakota 16877' - 16881'; 16856' - 16858'; 16728' - 16732' (30 holes). Frac gross perforated Dakota interval 16728' - 16881' down csg using a 35# x-linked gel system as follows: Pump 800 gals of 15% HCL followed by a 222 bbl pad and stage 1.0 to 4.0 ppg 30/60 Sinterlite sand in 501 bbls of fluid and flush with 238 bbl of slick water. Total of 53,700# of sand & a total

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/13/2007	06:00 - 16:00	10.00	STIM	3	<p>load of 940 bbls. Max rate = 42 BPM; avg rate = 31 BPM; max psi = 11163#; avg psi = 9978#; ISIP = 7496#; (.89). Lubricate in a comp frac plug and set at 16652'. Zone 2 - Frontier/Dakota Silt (16169' - 16605') - Perforate per the CBL log the following intervals @ 3 JPF (120° phasing) using a 2-1/2" csg gun. Dakota - 16603' - 16605'; 16526' - 16528'; Frontier: 16452' - 16454'; 16413' - 16415'; 16314' - 16316'; 16223' - 16225'; 16169' - 16171' (42 holes). SDFN.</p> <p>24 Hour Forecast: Will continue w/frac.</p> <p>LLTR: 2055 bbls</p> <p>Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'                      16877' - 16881'                      16856' - 16858'                      16728' - 16732'                      16603' - 16605'                      16413' - 16415'                      16314' - 16316'                      16223' - 16225'                      16169' - 16171'</p>
11/14/2007	06:00 - 16:00	10.00	STIM	3	<p>Tight Hole -On 11/13/07 Halliburton Frac Crew &amp; OWP still rigged up . Zone #2 - Frontier/Dakota Silt (16169' - 16605'): Frac gross perforated Frontier/Dakota Silt interval 16169' - 16605' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 540 bbls pad and stage 0.25 to 0.75 pps 30/60 Sinterlite sand in 1971 bbls of fluid with 3 water spacers of 239 bbls and flush with 240 bbls of slick water. Total of 40,500# of sand &amp; total load of 3479 bbls. Max rate = 45 BPM; avg rate = 45 BPM; max psi = 11075#; avg psi = 10400#; ISIP = 8150# (.94). Lubricate in a comp frac plug and set at 16092'.</p> <p>Zone #3 - Frontier/Mancos (15539' - 16059'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Frontier: 16057' - 16059'; 15966' - 15968'; 15903' - 15905'; 15794' - 15796'; 15681' - 15683'; 15630' - 15632'; Mancos: 15539' - 15541' (42 holes). Frac gross perforated Mancos/Frontier interval 15539' - 16059' down csg using slickwater system as follows: Pump 800 gals of 15% HCL followed by a 539 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1965 bbls of fluid w/ 3 water spacers of 239 bbls and flush w/ 231 bbls of slick water. Total of 40,000# of sand &amp; a total load of 3448 bbls. Max rate = 47 BPM; avg rate = 42 BPM; max psi = 10974#; avg psi = 10431#; ISIP = 8070# (.95). Lubricate in comp frac plug &amp; set @ 15470'.</p> <p>Zone #4 - (14981' - 15447') - Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 15445' - 15447'; 15349' - 15351'; 15260' - 15262'; 15206' - 15208'; 15140' - 15142'; 15054' - 15056'; 14981' - 14983' (42 holes). Frac gross perforated Mancos interval 14981' - 15447' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 540 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1512 bbl of fluid w/ 2 water spacers of 239 bbl and flush with 245 bbls of slick water. Total of 27,400#</p>

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8-8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/14/2007	06:00 - 16:00	10.00	STIM	3	<p>of sand &amp; a total load of 2776 bbls. Max rate = 43 BPM; avg rate = 37 BPM; max psi = 11197#; avg psi = 10052#; ISIP = 7945# (.96). Lubricate in comp frac plug &amp; set @ 13550'.</p> <p>Zone #5 - Mancos (14367' - 14875'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 14873' - 14875'; 14798' - 14800'; 14708' - 14710'; 14648' - 14650'; 14512' - 14514'; 14431' - 14433'; 14367' - 14369' (42 holes). SDFN.</p> <p>24 Hour Forecast: Will continue w/frac.</p> <p>LLTR: 11758 bbls</p> <p>Used Haliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'; 16877' - 16881'; 16856' - 16858'                      16728' - 16732'; 16603' - 16605'; 16413' - 16415'                      16314' - 16316'; 16223' - 16225'; 16169' - 16171'                      16057' - 16059'; 15966' - 15968'; 15903' - 15905'                      15794' - 15796'; 15681' - 15683' 15630' - 15632'                      Mancos                      15539' - 15541'; 15445' - 15447'; 15349' - 15351'                      15260' - 15262'; 15140' - 15142'; 15054' - 15056'                      14981' - 14983'; 14873' - 14875'; 14798' - 14800'                      14708' - 14710'; 14648' - 14650'; 14512' - 14514'                      14431' - 14433'; 14367' - 14369'</p>
11/15/2007	06:00 - 16:00	10.00	STIM	3	<p>Tight Hole - On 11/14/07 - Halliburton Frac Crew &amp; OWP still rigged up.</p> <p>Zone #5 - Mancos (14,367' - 14,875'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 14873' - 14875'; 14798' - 14800'; 14708' - 14710'; 14648' - 14650'; 14512' - 14514'; 14431' - 14433'; 14367' - 14369' (42 holes). Frac gross perforated Mancos interval 14,367' - 14,875' down csg using slick water system as follows: Pump 800 gals of 15% HCL followed by a 539 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1511 bbls of fluid w/ 2 water spacers of 238 bbls and flush w/ 250 bbls of slick water. Total of 27,000# of sand &amp; a total load of 2772 bbls. Max rate = 42 BPM; avg rate = 31 BPM; max psi = 11184#; avg psi = 10378#; ISIP = 7630# (.96). Lubricate in comp frac plug &amp; set @ 14260'.</p> <p>Zone # 6 - Mancos (13,773' - 14,213'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 14211' - 14213'; 14129' - 14131'; 14082' - 14084'; 14016' - 14018'; 13971' - 13973'; 13892' - 13894'; 13773' - 13775' (42 holes). Frac gross perforated Mancos intervals 13773' - 14213' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 539 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1936 bbls of fluid w/ 3 water spacers of 239 bbls and flush w/ 206 bbls of slick water. Total of 40,400# of sand &amp; a total of 3408 bbls. Max rate = 41 BPM; avg rate = 33 BPM; max psi = 11159#; avg psi = 9987#; ISIP = 7320# (.96). Lubricate in comp frac plug &amp; set @ 13708'.</p>

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/15/2007	06:00 - 16:00	10.00	STIM	3	<p>Zone #7 - Mancos (13,122' - 13,653') - Perforate per the CBL log the following intervals at 3 JPF (120° phasing using a 2-1/2" csg gun. Mancos 13651' - 13653'; 13568' - 13570'; 13484' - 13486'; 13396' - 13398'; 13353' - 13355'; 13284' - 13286'; 13122' - 13124' (42 holes). Frac gross perforated Mancos interval 13122' - 13653' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 540 bbl pad and stage 0.25 to 0.75 30/60 Sinterite sand in 1927 bbls of fluid w/ 3 water spacers of 239 bbls and flush with 196 bbls of slick water. Total of 39,500# of sand &amp; a total of 3369 bbls. Max rate = 47 BPM; avg rate = 43 BPM; max psi = 10841#; avg psi = 9882#; ISIP = 6860# (.95). Lubricate in comp frac plug &amp; set @ 13056'.</p> <p>Zone #8 - Mancos/Mancos B (12493' - 13007'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using 2-1/2" csg gun: Mancos 13005' - 13007'; 12975' - 12977'; 12962' - 12964'; 12948' - 12950'; Mancos 12870' - 12872'; 12749' - 12751'; 12656' - 12658'; 12567' - 12569'; 12493' - 12495'. SDFN.</p> <p>24 Hour Forecast: Will continue w/frac.</p> <p>LLTR: 21307 bbls</p> <p>Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'; 16877' - 16881'; 16856' - 16858'                      16728' - 16732'; 16603' - 16605'; 16413' - 16415'                      16314' - 16316'; 16223' - 16225'; 16169' - 16171'                      16057' - 16059'; 15966' - 15968'; 15903' - 15905'                      15794' - 15796'; 15681' - 15683' 15630' - 15632'</p> <p>Mancos                      15539' - 15541'; 15445' - 15447'; 15349' - 15351'                      15260' - 15262'; 15140' - 15142'; 15054' - 15056'                      14981' - 14983'; 14873' - 14875'; 14798' - 14800'                      14708' - 14710'; 14648' - 14650'; 14512' - 14514'                      14431' - 14433'; 14367' - 14369'; 14211' - 14213'                      14129' - 14131'; 14082' - 14084'; 14016' - 14018'                      13971' - 13973'; 13892' - 13894'; 13773' - 13775'                      13651' - 13653'; 13568' - 13570'; 13484' - 13486'                      13396' - 13398'; 13353' - 13355'; 13284' - 13286'                      13122' - 13124'; 13005' - 13007'; 12975' - 12977'                      12962' - 12964'; 12948' - 12950'</p> <p>Mancos 'B'                      12870' - 12872'; 12749' - 12751'; 12656' - 12658'</p>
11/19/2007	06:00 - 16:00	10.00	STIM	3	<p>Tight Hole - Completion Report. 11-16-07 Halliburton Frac crew &amp; OWP still rigged up.</p> <p>ZONE#11: L.Mesa: (10491'-10903'): Frac gross perforated L.Mesa: interval (10491' -10903') down csg.using 10# linear gel system as follows: Pump 800 gal of 15% Hcl followed by a 614 bbl pad and stage 0.5 to 2.0 ppg 20/40 CRC sand in 1527 bbl.of fluid &amp; flush w/160 bbl.of linear gel wtr. Total of 75,300# of sand &amp; a total load of</p>

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/19/2007	06:00 - 16:00	10.00	STIM	3	<p>2251 bbl. Max.rate=53; Ave=49 BPM; Max.psi=10414#, Ave=8045#; ISIP=2914# (.71). Lube in comp.frac plug &amp; set @ 10340'.                      ZONE#12: L.Mesa (9948' -10283'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: L.Mesa 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50' (54 holes). Frac gross perforated L.Mesa (9948'-10283') down csg.using 10# linear gell system as follows: Pump 800 gal of 15% Hcl followed by a 614 bbl pad and stage 0.5 to 2.0 ppg 20/40 CRC sand in 1530 bbl.of fluid &amp; flush w/153 bbl of linear gel water. Total of 75,500# of sand &amp; a total load of 2250 bbl. Max.rate=55; Ave=50 BPM; Max.psi=9137#; Ave=7509#; ISIP=2795# (.71). Lube in comp.frac plug &amp; set @ 11650'.                      ZONE#13: L.Mesa/Wasatch: (8964'-9302'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: L.Mesa 9300-02'; 9289-91'; 9255-57'; 9227'-29'; 9163-65'; 9131-33'; Wasatch 8964-66' (42 holes). Frac gross perforated L.Mesa/Wasatch interval 8964'-9302' down csg. using 10# linear gell system as Pump 800 gal of 15% Hcl followed by a 615 bbl pad and stage 0.5 to 2.0 ppg 20/40 CRC sand in 1556 bbl. of fluid &amp; flush w/138 bbl of linear gel water. Total of 77,400# of sand &amp; a total load of 2252 bbl Max.rate=55; Ave=50 BPM; Max.psi=10913#; Ave=7240#; ISIP=2350# (.69). Lube in comp. frac plug &amp; set @ 7730'.                      ZONE#14: Wasatch: (7492'-7666'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: Wasatch 7662-66'; 7492-00' (36 holes). Frac gross perforated Wasatch interval 7492'-7666' down csg.using 18# x-link gel system as Pump 800 gal of 15% Hcl followed by a 115 bbl pad and stage 1.0 to 6.0 ppg 20/40 CRC sand in 592 bbl.of fluid &amp; flush w/107 bbl of gel water. Total of 89,300# of sand &amp; a total load of 838 bbl. Max.rate=38; Ave=34 BPM; Max.psi=9179#; Ave=4918#; ISIP=1060# (.58). Shut well in for 2 hours. RDMO Halliburton &amp; OWP Wireline. Turn well over to flow watch.. Flow watch sending in flow back report.</p> <p>Load from yesterday: 29247                      Plus water today: 7591                      LLTR: 36838</p> <p>Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07.                      Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'; 16877' - 16881'; 16856' - 16858'                      16728' - 16732'; 16603' - 16605'; 16413' - 16415'                      16314' - 16316'; 16223' - 16225'; 16169' - 16171'                      16057' - 16059'; 15966' - 15968'; 15903' - 15905'                      15794' - 15796'; 15681' - 15683' 15630' - 15632'                      Mancos                      15539' - 15541'; 15445' - 15447'; 15349' - 15351'                      15260' - 15262'; 15140' - 15142'; 15054' - 15056'                      14981' - 14983'; 14873' - 14875'; 14798' - 14800'                      14708' - 14710'; 14648' - 14650'; 14512' - 14514'                      14431' - 14433'; 14367' - 14369'; 14211' - 14213'</p>

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/19/2007	06:00 - 16:00	10.00	STIM	3	14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773 - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658' 12567-69'; 12493-95'; Blackhawk: 12402-04'; 12315-17'; 12245-47'; 12193-97'; Sege 11604-06'; L.Mesa 11567-69'; 11540-42'; 11513-15'; 11481-83'; 11438-40' 11390-92'; 11356-58'; 11338-40' 11306-08'; 11259-61'; 11222-24' 11169-71'; 11121-23'; 11077-79'; 11013-15'; 10901-03'; 10884-86' 10813-15'; 109775-77'; 10726-28' 10639-41'; 10596-98'; 10530-32'; 10491-93'; 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50'; 9300-02'; 9289-91'; 9255-57'; 9227-29'; 9163-65'; 9131-33'; Wasatch 8964-66'; 7662-66'; 7492-00' On 11-19-07 MIRU IPS Coil tbg unit, Baker Tools & Spirit Completion fluids Pressure test frac valves & flow manifold to 8000#. Function test BOP's. Pull test to 25,000# & pressure tested to 2500# Baker tools. RIH w/ 3-5/8" Bo mill, mud motor & coil tbg pumping 1/4 bpm to tag @ 7371'. Pumping 2.0 bpm w/ little returns Hooked up nitrogen truck. Pump nitrogen to help w/returns. Got returns..Procede on with drilling on frac plugs Drill up frac plugs at 7730'; 9360'; 10340'; 10950'; 11650'; 12450'; 13056'; 13708'; 14260'; 14550'; 15470'; 16092'; 16652'; 16900' Clean out sand to 17,000'. Bottom perfs @ 16930'. Circulate well w/gel sweep. POOH w/coil tbg, mud motor & bit RDMO IPS, Spirit Completion fluids & Baker Tools. fluids. Open csg up and turn well over to flow watch. Parchman Flow watch sending in flow report.  NOTE: pump gel sweep every 2 plugs. Load from yesterday: 29247 Plus water today: 7591 LLTR: 36838  Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'
11/20/2007	06:00 - 16:00	10.00	EQT	1	On 11-19-07 MIRU IPS Coil tbg unit, Baker Tools & Spirit Completion fluids Pressure test frac valves & flow manifold to 8000#. Function test BOP's. Pull test to 25,000# & pressure tested to 2500# Baker tools. RIH w/ 3-5/8" Bo mill, mud motor & coil tbg pumping 1/4 bpm to tag @ 7371'. Pumping 2.0 bpm w/ little returns Hooked up nitrogen truck. Pump nitrogen to help w/returns. Got returns..Procede on with drilling on frac plugs Drill up frac plugs at 7730'; 9360'; 10340'; 10950'; 11650'; 12450'; 13056'; 13708'; 14260'; 14550'; 15470'; 16092'; 16652'; 16900' Clean out sand to 17,000'. Bottom perfs @ 16930'. Circulate well w/gel sweep. POOH w/coil tbg, mud motor & bit RDMO IPS, Spirit Completion fluids & Baker Tools. fluids. Open csg up and turn well over to flow watch. Parchman Flow watch sending in flow report.  NOTE: pump gel sweep every 2 plugs. Load from yesterday: 29247 Plus water today: 7591 LLTR: 36838  Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8-8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/20/2007	06:00 - 16:00	10.00	EQT	1	Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858' 16728' - 16732'; 16603' - 16605'; 16413' - 16415' 16314' - 16316'; 16223' - 16225'; 16169' - 16171' 16057' - 16059'; 15966' - 15968'; 15903' - 15905' 15794' - 15796'; 15681' - 15683'; 15630' - 15632' Mancos 15539' - 15541'; 15445' - 15447'; 15349' - 15351' 15260' - 15262'; 15140' - 15142'; 15054' - 15056' 14981' - 14983'; 14873' - 14875'; 14798' - 14800' 14708' - 14710'; 14648' - 14650'; 14512' - 14514' 14431' - 14433'; 14367' - 14369'; 14211' - 14213' 14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773' - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658' 12567-69'; 12493-95'; Blackhawk: 12402-04'; 12315-17'; 12245-47'; 12193-97'; Sego 11604-06'; L.Mesa 11567-69'; 11540-42'; 11513-15'; 11481-83'; 11438-40' 11390-92'; 11356-58'; 11338-40' 11306-08'; 11259-61'; 11222-24' 11169-71'; 11121-23'; 11077-79'; 11013-15'; 10901-03'; 10884-86' 10813-15'; 109775-77'; 10726-28' 10639-41'; 10596-98'; 10530-32'; 10491-93'; 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50'; 9300-02'; 9289-91'; 9255-57'; 9227'-29'; 9163-65'; 9131-33'; Wasatch 8964-66'; 7662-66'; 7492-00' On 11/24/07 - RDMO Parchman flowback crew. Turn well over to production.  Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'  Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858'
11/26/2007	06:00 - 16:00	10.00	PTST	2	On 11/24/07 - RDMO Parchman flowback crew. Turn well over to production.  Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'  Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858'

**Operations Summary Report**

Well Name: WV 13AD-8-8-22R  
 Location: 8- 8-S 22-E 26  
 Rig Name: UNIT

Spud Date: 6/27/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/26/2007	06:00 - 16:00	10.00	PTST	2	16728' - 16732'; 16603' - 16605'; 16413' - 16415' 16314' - 16316'; 16223' - 16225'; 16169' - 16171' 16057' - 16059'; 15966' - 15968'; 15903' - 15905' 15794' - 15796'; 15681' - 15683' 15630' - 15632' Mancos 15539' - 15541'; 15445' - 15447'; 15349' - 15351' 15260' - 15262'; 15140' - 15142'; 15054' - 15056' 14981' - 14983'; 14873' - 14875'; 14798' - 14800' 14708' - 14710'; 14648' - 14650'; 14512' - 14514' 14431' - 14433'; 14367' - 14369'; 14211' - 14213' 14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773' - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658' 12567-69'; 12493-95'; Blackhawk: 12402-04'; 12315-17'; 12245-47'; 12193-97'; Sego 11604-06'; L.Mesa 11567-69'; 11540-42'; 11513-15'; 11481-83'; 11438-40' 11390-92'; 11356-58'; 11338-40' 11306-08'; 11259-61'; 11222-24' 11169-71'; 11121-23'; 11077-79'; 11013-15'; 10901-03'; 10884-86' 10813-15'; 109775-77'; 10726-28' 10639-41'; 10596-98'; 10530-32'; 10491-93'; 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50'; 9300-02'; 9289-91'; 9255-57'; 9227'-29'; 9163-65'; 9131-33'; Wasatch 8964-66'; 7662-66'; 7492-00'

## NOTICE

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

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

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

---

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

Operator: Questar Exploration & Production Co Today's Date: 02/14/2008

Well: API Number: Drilling Commenced:

See Attachment

43 047 39321  
WV 13AD-8-8-22R (Rigskid)  
8S 22E 8

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

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

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

cc: Well File  
Compliance File

Well:		API Number:	Commenced:
WV 5W-36-7-21	drlg rpts/wcr	4304734099	05/29/2003
WV 4D-12-8-12	drlg rpts/wcr	4304734268	09/26/2003
WVX 11D-22-8-21	drlg rpts/wcr	4304734902	03/15/2005
WV 3DML-13-8-21	drlg rpts/wcr	4304737923	09/27/2006
FR 7P-36-14-19	drlg rpts/wcr	4304738992	02/05/2007
SU 8M-12-7-21	drlg rpts/wcr	4304736096	03/18/2007
WV 12AD-8-8-22R	drlg rpts/wcr	4304739321	05/10/2007
WRU EIH 7AD-35-8-22	drlg rpts/wcr	4304738641	06/08/2007
RWS 14D-6-9-24	drlg rpts/wcr	4304737414	07/20/2007
RW 34-27ADR	drlg rpts/wcr	4304739445	08/07/2007
NBZ 8D-31-8-24	drlg rpts/wcr	4304737238	08/27/2007
WRU EIH 6D-5-8-23	drlg rpts/wcr	4304738994	09/04/2007
WRU EIH 9CD-26-8-22	drlg rpts/wcr	4304738649	10/03/2007

**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 \***

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-022158</b>	
b. TYPE OF COMPLETION 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 _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>QUESTAR EXPLORATION &amp; PRODUCTION CO.</b>										7. UNIT AGREEMENT NAME <b>WONSITS VALLEY UNIT</b>	
3. ADDRESS OF OPERATOR <b>11002 EAST 17500 SOUTH - VERNAL, UT 84078</b> Contact: <b>Dahn Caldwell 435-781-4342</b> Fax # <b>435.781.4357</b>										8. FARM OR LEASE NAME <b>N/A</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface <b>1280' FSL, 1252' FWL, SWSW, SEC 8-T8S-R22E</b>  At top rod. interval reported below <b>1280' FSL, 1252' FWL, SWSW, SEC 8-T8S-R22E</b>  At total depth <b>1280' FSL, 1252' FWL, SWSW, SEC 8-T8S-R22E</b>										9. WELL NO. <b>WV 13AD 8 8 22R</b>	
14. PERMIT NO. <b>43-047-39321</b>										12. COUNTY OR PARISH <b>UINTAH</b>	13. STATE <b>UT</b>
15. DATE SPUDED <b>6/27/2007</b>		16. DATE T.D. REACHED <b>8/29/2007</b>		17. DATE COMPL. (Ready to prod.) <b>11/17/2007</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>KB</b>		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD <b>17,123'</b>		21. PLUG BACK T.D., MD & TVD <b>17,098'</b>		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS <b>YES</b>		CABLE TOOLS <b>NO</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>SEE ATTACHMENT PG 1</b>										25. WAS DIRECTIONAL SURVEY MADE <b>NO</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>GR/CBL, SLB PLATFORM EXPRESS, SLB CNL - SONIC SCANNER</b>										27. WAS WELL CORED <b>NO</b>	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
10-3/4"		40.5#		1,095'		14-3/4"		468 SXS			
7"		26 & 29#		11,852'		8-3/4"		1920 SXS			
4-1/2#		15.1#		17,100'		6-1/8"		1,180 SXS			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD	
										SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
										N/A	
										N/A	
31. PERFORMANCE RECORD (Interval, size and number) <b>SEE ATTACHMENT PG 1</b>										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 PG 1</b>	
33.* PRODUCTION											
DATE FIRST PRODUCTION <b>11/17/2007</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>11/19/07</b>		HOURS TESTED <b>24</b>		CHOKE SIZE <b>30</b>		PROD'N FOR TEST PERIOD →		OIL--BBL. <b>0</b>		GAS--MCF. <b>3,112</b>	
WATER--BBL. <b>2,326</b>		GAS-OIL RATIO		OIL--BBL.		GAS--MCF		WATER--BBL		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS. <b>N/A</b>		CASING PRESSURE <b>1,950</b>		CALCULATED 24-HOUR RATE →		OIL--BBL.		GAS--MCF		WATER--BBL	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>SOLD</b>										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS <b>WELLBORE SCHEMATIC &amp; PERFORATION DETAIL ATTACHMENT PAGE ONE</b>											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <b>JIM SIMONTON</b>			TITLE <b>COMPLETION SUPERVISOR</b>			DATE <b>3/14/2008</b>					

(See Instructions and Spaces for Additional Data 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.

**RECEIVED**  
**MAR 18 2008**

**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.	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
UINTA	SURFACE					
GREEN RIVER	2970'			SURFACE		
WASATCH	6290'			2970'		
MESA VERDE	9185'			6290'		
SEGO	11395'			9185'		
CASTLEGATE	11615'			11395'		
BLACKHAWK	11946'			11615'		
MANCOS SHALE	12385'			11946'		
MANCOS 'B'	12836'			12385'		
FRONTIER	15510'			12836'		
DAKOTA SILT	16383'			15510'		
DAKOTA	16372'			16383'		
MORRISON	16615'			16372'		
TD	17123'			16615'		
				17123'		

38. GEOLOGIC MARKERS  
WV 13AD 8 8 22R

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**WV 13AD 8 8 22R – ATTACHMENT PAGE 1**  
**PERFORATION DETAIL:**

Open Perfs	Stimulation					Perf Status
7492' – 7500'	Frac w/	89,300	Lbs in	35,196	Gals	Open - Wasatch
7662' – 7666'						Open - Wasatch
8964' – 8966'	Frac w/	77,400	Lbs in	94,584	Gals	Open - Wasatch
9131' – 9133'						Open - LMV
9163' – 9165'						Open - LMV
9227' – 9229'						Open - LMV
9255' – 9257'						Open - LMV
9289' – 9291'						Open - LMV
9300' – 9302'						Open - LMV
9948' – 9950'	Frac w/	75,500	Lbs in	94,500	Gals	Open - LMV
9974' – 9976'						Open - LMV
10013' – 10015'						Open - LMV
10032' – 10034'						Open - LMV
10067' – 10069'						Open - LMV
10154' – 10156'						Open - LMV
10174' – 10176'						Open - LMV
10240' – 10242'						Open - LMV
10281' – 10283'	Open - LMV					
10491' – 10493'	Frac w/	75,300	Lbs in	94,542	Gals	Open - LMV
10530' – 10532'						Open - LMV
10596' – 10598'						Open - LMV
10639' – 10641'						Open - LMV
10726' – 10728'						Open - LMV
10775' – 10777'						Open - LMV
10813' – 10815'						Open - LMV
10884' – 10886'						Open - LMV
10901' – 10903'						Open - LMV

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11013' - 11015'						Open - LMV
11077' - 11079'						Open - LMV
11121' - 11123'						Open - LMV
11169' - 11171'						Open - LMV
11222' - 11224'						Open - LMV
11259' - 11261'						Open - LMV
11306' - 11308'						Open - LMV
11338' - 11340'						Open - LMV
11356' - 11358'	Frac w/	100,100	Lbs in	123,564	Gals	Open - LMV
11390' - 11392'						Open - LMV
11438' - 11440'						Open - LMV
11481' - 11483'						Open - LMV
11513' - 11515'						Open - LMV
11540' - 11542'						Open - LMV
11567' - 11569'						Open - LMV
11604' - 11606'						Open - Sego
12193' - 12197'						Open - Blackhawk
12245' - 12247'						Open - Blackhawk
12315' - 12317'	Frac w/	80,800	Lbs in	114,534	Gals	Open - Blackhawk
12402' - 12404'						Open - Blackhawk
12493' - 12495'						Open - Mancos 'B'
12567' - 12569'						Open - Mancos 'B'
12656' - 12658'						Open - Mancos 'B'
12749' - 12751'						Open - Mancos 'B'
12870' - 12872'	Frac w/	74,600	Lbs in	95,382	Gals	Open - Mancos 'B'
12948' - 12950'						Open - Mancos
12962' - 12964'						Open - Mancos
12975' - 12977'						Open - Mancos
13005' - 13007'						Open - Mancos
13122' - 13124'						Open - Mancos
13284' - 13286'						Open - Mancos
13353' - 13355'						Open - Mancos
13396' - 13398'	Frac w/	39,500	Lbs in	141,498	Gals	Open - Mancos
13484' - 13486'						Open - Mancos
13568' - 13570'						Open - Mancos
13651' - 13653'						Open - Mancos
13773' - 13775'						Open - Mancos
13892' - 13894'						Open - Mancos
13971' - 13973'						Open - Mancos
14016' - 14018'	Frac w/	40,400	Lbs in	143,136	Gals	Open - Mancos
14082' - 14084'						Open - Mancos
14129' - 14131'						Open - Mancos
14211' - 14213'						Open - Mancos

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14367' – 14369'	}	Frac w/	27,000	Lbs in	116,424	Gals	Open - Mancos
14431' – 14433'							Open - Mancos
14512' – 14514'							Open - Mancos
14648' – 14650'							Open - Mancos
14708' – 14710'							Open - Mancos
14798' – 14800'							Open - Mancos
14873' – 14875'							Open - Mancos
14981' – 14983'	}	Frac w/	27,400	Lbs in	116,592	Gals	Open - Mancos
15054' – 15056'							Open - Mancos
15140' – 15142'							Open - Mancos
15206' – 15208'							Open - Mancos
15260' – 15262'							Open - Mancos
15349' – 15351'							Open - Mancos
15445' – 15447'							Open - Mancos
15539' – 15541'	}	Frac w/	40,000	Lbs in	144,816	Gals	Open - Mancos
15630' – 15632'							Open Frontier
15681' – 15683'							Open Frontier
15794' – 15796'							Open Frontier
15903' – 15905'							Open Frontier
15966' – 15968'							Open Frontier
16057' – 16059'							Open Frontier
16169' – 16171'	}	Frac w/	40,500	Lbs in	146,118	Gals	Open - Frontier
16223' – 16225'							Open - Frontier
16314' – 16316'							Open - Frontier
16413' – 16415'							Open - Frontier
16452' – 16454'							Open - Frontier
16526' – 16528'							Open - Dakota
16603' – 16605'							Open - Dakota
16728' – 16732'	}	Frac w/	58,700	Lbs in	39,480	Gals	Open - Dakota
16856' – 16858'							Open - Dakota
16877' – 16881'							Open - Dakota
16921' – 16930'		Frac w/	28,400	Lbs in	46,830	Gals	Open - Dakota

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UT08817P25

FIELD: Wonsits Valley

GL: 5,053' KBE: 5,075'

Spud Date: 6/27/07 Completion date: 11-24-07

Well: WV 13AD-8-8-22R

TD: 17,123' PBTD: 17,098'

Current Well Status: Producing Gas

Location - surface: SW/SW Sec. 8, T8S, R22E 1285' FSL, 1252' FWL  
Location - bottom hole: Same  
API#: 43-047- 39321  
Uintah County, Utah

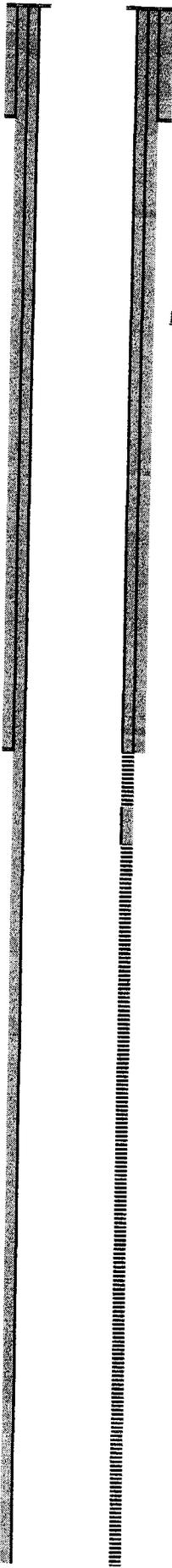
Reason for Pull/Workover: Initial Completion

Deviation:

Wellbore Schematic

Surface casing

Size: 10.75"  
Weight: 40.5#  
Grade: J-55  
Set @ 1095' KB  
Cmtd w/ 468 sk  
Hole size: 14-3/4"



TOC @ 252'

PROPOSED PERFS

Intermediate Casing

Size: 7"  
Weight: 26 & 29#  
Grade: HCP-110  
Set @ 11,852'  
Cmtd w/ 1920 sk  
Hole size: 8-3/4"

Production Casing

Size: 4.5"  
Weight: 15.1#  
Grade: HCP-110 & Q-125  
Set @ 17,100'  
Cmtd w/ 1180 sk  
Hole size: 6-1/8"

Wasatch

7492-00' w/ 3 spf  
7662-66' w/ 3 spf  
8964-66' w/ 3 spf

L. Mesaverde

9131-33' w/ 3 spf  
9163-65' w/ 3 spf  
9227-29' w/ 3 spf  
9255-57' w/ 3 spf  
9289-91' w/ 3 spf  
9300-02' w/ 3 spf  
9948-50' w/ 3 spf  
9974-76' w/ 3 spf  
10013-15' w/ 3 spf  
10032-34' w/ 3 spf  
10067-69' w/ 3 spf  
10154-56' w/ 3 spf  
10174-76' w/ 3 spf  
10240-42' w/ 3 spf  
10281-83' w/ 3 spf  
10491-93' w/ 3 spf  
10530-32' w/ 3 spf  
10596-98' w/ 3 spf  
10639-41' w/ 3 spf  
10726-28' w/ 3 spf  
10775-77' w/ 3 spf  
10813-15' w/ 3 spf  
10884-86' w/ 3 spf  
10901-03' w/ 3 spf  
11013-15' w/ 3 spf  
11077-79' w/ 3 spf  
11121-23' w/ 3 spf  
11169-71' w/ 3 spf  
11222-24' w/ 3 spf  
11259-61' w/ 3 spf  
11306-08' w/ 3 spf  
11338-40' w/ 3 spf  
11356-58' w/ 3 spf  
11390-92' w/ 3 spf  
11438-40' w/ 3 spf  
11481-83' w/ 3 spf  
11513-15' w/ 3 spf  
11540-42' w/ 3 spf  
11567-69' w/ 3 spf

Sego

11604-06' w/ 3 spf  
Blackhawk  
12193-97' w/ 3 spf  
12245-47' w/ 3 spf  
12315-17' w/ 3 spf  
12402-04' w/ 3 spf  
Mancos B

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		22.00	22.00
			22.00
			22.00
			22.00
			22.00
			22.00
EOT @			22.00

Tubing Information:

Condition:  
New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun: \_\_\_\_\_  
Grade: \_\_\_\_\_  
Weight (#/ft): \_\_\_\_\_

Wellhead Detail: Example: 7-1/16" 3000#  
4-1/16" 15,000#

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

SUMMARY

10-1-07 to 11-20-07: Run CBL, Perforate zone 1a, break down, pump 1000 gal Hcl job. Flow test til frac. Frac well as follows:

- Zone 1A. Dakota (16921-30'): Total of 26,400# 30/60 Sinterlite sand (5000# mesh)
- ZONE#1B: Dakota (16728'-16881'): Total of 58,700# of 30/60 Sinterlite sand
- ZONE#2: Frontier/Dakota Silt (16169'-16605'): Total of 40,000# of 30/60 Sinterlite sand
- ZONE#3: Frontier/Mancos (15539'-16059'): Total of 40,000# of 30/60 Sinterlite sand
- ZONE#4: Mancos (14,981'-15,447'): Total of 27,400# of 30/60 Sinterlite sand
- ZONE#5: Mancos (14,367'-14,875'): Total of 27,000# of 30/60 Sinterlite sand
- ZONE#6: Mancos (13773'-14213'): Total of 40,400# of 30/60 Sinterlite sand
- ZONE#7: Mancos (13122'-13653'): Total of 39,500# of 30/60 Sinterlite sand
- ZONE#8: Mancos/Mancos B (12493'-13007'): Total of 80,800# of 30/60 Sinterlite sand
- ZONE#9: Blackhawk: (12193'-12404'): Total of 84,200# of 30/60 Sinterlite sand
- ZONE#10: L.Mesa/Sego: (11013'-11652'): Total of 100,100# of 30/60 Sinterlite sand
- ZONE#11: L.Mesa: (10491'-10903'): Total of 75,300# of 20/40 CRC sand
- ZONE#12: L.Mesa (9948'-10283'): Total of 75,500# of 20/40 CRC sand
- ZONE#13: L.Mesa/Wasatch: (8964'-9302'): Total of 89,300# of 20/40 CRC sand
- ZONE#14: Wasatch: (7492'-7666'): Total of 89,300# of 20/40 CRC sand

11-19-07 MIRU CTU. Drill up plugs & turn well to production. RDMO CTU

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12493-95' w/ 3 spf  
12567-69' w/ 3 spf  
12656-58' w/ 3 spf  
12749-51' w/ 3 spf  
12870-72' w/ 3 spf

**Mancos**

12948-50' w/ 3 spf  
12962-64' w/ 3 spf  
12975-77' w/ 3 spf  
13005-07' w/ 3 spf  
13122-24' w/ 3 spf  
13284-86' w/ 3 spf  
13353-55' w/ 3 spf  
13396-98' w/ 3 spf  
13484-86' w/ 3 spf  
13568-70' w/ 3 spf  
13651-53' w/ 3 spf

**Mancos**

13773-75' w/ 3 spf  
13892-94' w/ 3 spf  
13971-73' w/ 3 spf  
14016-18' w/ 3 spf  
14082-84' w/ 3 spf  
14129-31' w/ 3 spf  
14211-13' w/ 3 spf

**Mancos**

14367-69 w/ 3 spf  
14431-33' w/ 3 spf  
14512-14' w/ 3 spf  
14648-50' w/ 3 spf  
14708-10' w/ 3 spf  
14798-00' w/ 3 spf  
14873-75' w/ 3 spf

**Mancos**

14,981-83' w/ 3 spf  
15,054-56' w/ 3 spf  
15,140-42' w/ 3 spf  
15,206-08' w/ 3 spf  
15,260-62' w/ 3 spf  
15,349-51' w/ 3 spf  
15,445-47' w/ 3 spf

**Mancos**

15,539-41' w/ 3 spf

**Frontier**

15,630-32' w/ 3 spf  
15,681-83' w/ 3 spf  
15,794-96' w/ 3 spf  
15,903-05' w/ 3 spf  
15,966-68' w/ 3 spf  
16,057-59' w/ 3 spf

**Frontier**

16,169-71' w/ 3 spf  
16,223-25' w/ 3 spf  
16,314-16' w/ 3 spf  
16,413-15' w/ 3 spf  
16,452-54' w/ 3 spf

**Dakota Silt**

16,526-28' w/ 3 spf  
16,603-05' w/ 3 spf

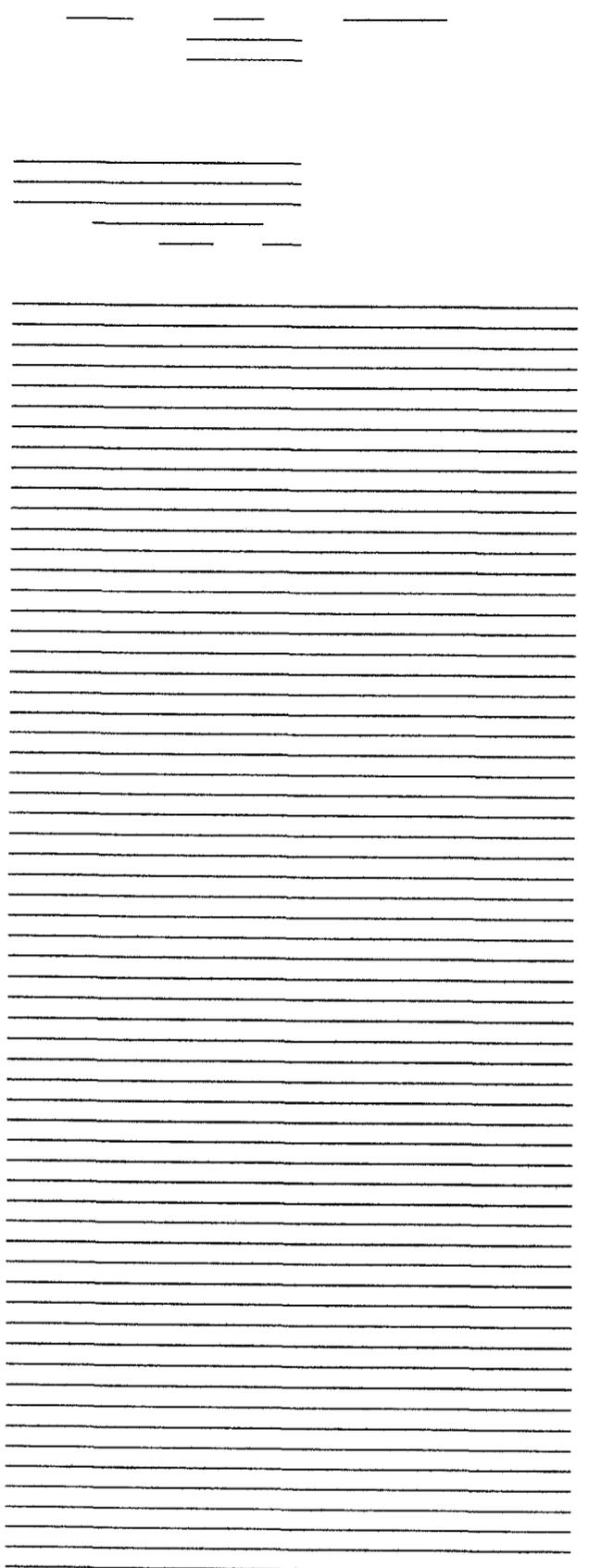
**Dakota**

16,728-32' w/ 3 spf  
16,856-58' w/ 3 spf  
16,877-81' w/ 3 spf

**Dakota**

16,921-30' w/ 3 spf

PBTD @ 17098 '  
TD @ 17123 '



43-047-39321  
8 8s 22e.

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**Operations Summary Report**

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/2/2007	06:00 - 16:00	10.00	LOC	3		<p>TIGHT HOLE - Initial Completion Report.            On 10/1/07 - Move Rocky Mtn Well Service #3 to location. Wait on construction to finish around well head to rig up.</p> <p>24 Hour Forecast: Will rig up &amp; run CBL.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125            Csg Depth: 17,100'</p>
10/3/2007	06:00 - 16:00	10.00	LOG	4		<p>TIGHT HOLE - On 10/ 2/07- RU Rocky Mtn Well Service #3. NU 4" 15K frac valve. MIRU Cutters WL &amp; make a 3.625" gauge ring run to 17073'. Run CBL from 17073' to surface. TOC @ 252'. RDMO Cutters WL. SDFN.</p> <p>24 Hour Forecast: Will perforate &amp; flow back.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125            Csg Depth: 17,100'</p>
10/4/2007	06:00 - 16:00	10.00	LOG	4		<p>TIGHT HOLE - On 10/3/07 MIRU Cutters WL &amp; Quick Test crew. Pressure test csg &amp; frac valve to 7500#, valve started leaking. Bleed off well &amp; attempt to repair valve. Had to wait on parts. SWIFN.</p> <p>24 Hour Forecast: Will test &amp; perforate.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125            Csg Depth: 17,100'</p>
10/5/2007	06:00 - 16:00	10.00	PERF	2		<p>TIGHT HOLE - On 10/4/07 MIRU Cutters WL &amp; Quick Test Crew. Pressure test csg &amp; frac valve to 11,500#. OK. RIH w/ Cutters WL &amp; perforate Dakota zone 16,921' - 16,930' w/ 3-1/8" csg gun at 3 spf with Power Pak charges. RDMO Cutters WL and Quick Test crew. Csg had a very slight blow for 30 minutes, then died. Watched until 3:00 PM, then shut well in. Didn't flow any gas or fluid.</p> <p>24 Hour Forecast: Will breakdwn zone w/ 2% KCL water.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125            Csg Depth: 17,100'</p>
10/8/2007	06:00 - 16:00	10.00	PTST	2		<p>Dakota            16921' - 16930'</p> <p>TIGHT HOLE - On 10/5/07 open well. Well died. MIRU Halliburton Crew. Pre-job safety meeting. Break down Dakota perms 16921' - 16930' @ 6900#. Pump 27 bbls 2% KCL water. Pump @ 3.5 BPM &amp; 6400# average pressure. ISIP = 6280#. FG = .81. Flow back well to tank on 18/64" choke. Recovered 17 bbls in 2 hrs. Well died. Total load to recover is 268 bbls. (241 bbls csg volume &amp; 27 bbls load pumped). SWIFWE.</p> <p>24 Hour Forecast: Will RIH w/ tbg &amp; swab.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125</p>

**Operations Summary Report**

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/8/2007	06:00 - 16:00	10.00	PTST	2		Csg Depth: 17,100'
10/9/2007	06:00 - 16:00	10.00	TRP	2		Dakota 16921' - 16930' TIGHT HOLE - SICP = 3100#. On 10/8/07 Open csg to pit. Well died in 30 seconds. NU 7-1/16" 15K BOP & flow tee on 4" 15K frac valve. PU, tally & rabbit in hole w/ 1 jt 2-3/8" P-110 tbg, 1.81" "F" Nipple & 272 jts 2-3/8" P-110 tbg to 8900'. SWIFN. Lock Rams.  24 Hour Forecast: Will finish RIH w/ tbg & swab.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930' TIGHT HOLE - SICP = 1600#, SITP = 1600#. On 10/9/07 Bleed well off. Well died in 2 minutes. Finish PU, tally & rabbit in hole w/ 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & 2-3/8" P-110 tbg to tag @ 17065'. Perfs @ 16921' - 16930'. Pull up to 16865' w/ tbg tail. SWIFN & Lock Rams.  24 Hour Forecast: Will pump 1000 gals HCL & 72 Bio-balls.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930' TIGHT HOLE - SICP = 750#, SITP = 600#. On 10/10/07 Bleed well off. Well died. With EOT @ 16865'. MIRU Halliburton Acid Crew. Pre-job safety meeting. Pump 1000 gals HCL job w/ 72 Bio-Balls. Open csg. Load hole. Close csg, break down perfs @ 8442#. Open csg, spot acid & bio-balls to bottom of tbg. Close csg, pump acid & bio-balls to perfs. Got some ball action. Over flush w/ 2% KCL by 20 bbls. ISIP = 6350#, 5 min = 5688#, 10 min = 5500#, 15 min = 5394#. FG = .81. Avg rate = 4.6 BPM, Avg Pressure = 5000#. Max rate = 6.0 BPM, max pressure = 8442#. Total load = 126 bbls. RDMO Halliburton Acid Crew.  Flow back to tank on 18/64" choke. Recovered 32 bbls & well died. Swab tbg. Made 9 runs & recovered 45 bbls fluid. IFL = 500'. FFL = 3550'. Final csg = 60#. Total recovered = 77 bbls. 262 BLLTR. SWIFN & lock rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930' TIGHT HOLE - SICP = 300#, SITP = 50#.
10/10/2007	06:00 - 16:00	10.00	TRP	2		
10/11/2007	06:00 - 16:00	10.00	STIM	1		
10/12/2007	06:00 - 16:00	10.00	SWAB	1		

### Operations Summary Report

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/12/2007	06:00 - 16:00	10.00	SWAB	1		<p>On 10/11/07 - Open tbg. Tbg died. BLLTR = 262.                      Swab tbg. Made 20 runs &amp; recovered 98 bbls fluid. IFL @ 2500'. FFL @ 8300'. Final csg = 150#. No flow on tbg. 164 BLLTR. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will flow test well.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/15/2007	06:00 - 16:00	10.00	SWAB	1		<p>TIGHT HOLE - SICP = 350#, SITP = 120#.                      On 10/12/07 Open tbg. Tbg Died. BLLTR = 164. Swab tbg. Made 12 runs &amp; recovered 55 bbls fluid. IFL @ 7700'. FFL @ 11000'. Final csg = 320#. No flow pm tbg. 109 BLLTR. SWIFN &amp; Lock rams.</p> <p>24 Hour Forecast: Will flow test well.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/16/2007	06:00 - 16:00	10.00	SWAB	1		<p>TIGHT HOLE - SICP = 960#. SITP = 500#.                      On 10/15/07 - Open tbg. Tbg died in 5 minutes. BLLTR = 109.                      Swab tbg. Made 12 runs &amp; recovered 48 bbls fluid. IFL = 8500'. FFL = 11100'. Final csg = 900#. No flow on tbg. 61 BLLTR. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will flow test well.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/17/2007	06:00 - 16:00	10.00	SWAB	1		<p>TIGHT HOLE - SICP = 1020#. SITP = 130#.                      On 10/16/07 - Open tbg. Tbg died in 5 minutes. BLLTR = 61.                      Swab tbg. Made 12 runs &amp; recovered 38 bbls fluid. IFL @ 9800'. FFL @ 11500'. Final csg = 1020#. No flow on tbg. 23 BLLTR. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will flow test well.</p> <p>Csg Size: 4-1/2" 15.1# HCP-110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Dakota                      16921' - 16930'</p>
10/18/2007	06:00 - 16:00	10.00	SWAB	1		<p>TIGHT HOLE - SICP = 1150#. SITP = 140#.                      On 10/17/07 Open tbg. Tbg died in 5 minutes. BLLTR = 23.                      Swab tbg. Made 11 runs &amp; recovered 28 bbls fluid. IFL @ 10700'. FFL</p>

**Operations Summary Report**

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/18/2007	06:00 - 16:00	10.00	SWAB	1		@ 12600'. Final csg = 1120#. No flow on tbq. 5 bbbs overload. Pulled water sample. SWIFN & Lock Rams.  24 Hour Forecast: LD tbq.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/19/2007	06:00 - 16:00	10.00	TRP	5		TIGHT HOLE - SICP = 1150#. SITP = 140#. On 10-18-07 Bleed off tbq. Pump 100 bbbs 2% KCL wtr to control well. POOH, layind down 270 jts 2 3/8" P-110 tbq to 8100'. SWIFN & Lock rams.  24 Hour Forecast: will LD tbq.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/22/2007	06:00 - 16:00	10.00	TRP	5		LLTR: -5 TIGHT HOLE - SICP = 240#. SITP=240#.  24 Hour Forecast: will RDMO  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
10/23/2007	06:00 - 16:00	10.00	BOP	1		LLTR: -5 TIGHT HOLE - SICP=760#. On 10-22-07 ND 7" 15K BOP Stack. RDMO Rocky Mtn Well Service.  Leave well shut in w/4" 15K frac valve on.  Discontinue report till further activity.  Csg Size: 4-1/2" 15.1# HCP-110 & Q-125 Csg Depth: 17,100'  Dakota 16921' - 16930'
11/13/2007	06:00 - 16:00	10.00	STIM	3		LLTR: -5 Tight Hole - Completion Report - On 11/12/07, MIRU Halliburton Frac Crew & OWP. Zone 1A - Dakota - (16921' - 16930') - Frac gross perforated Dakota interval 16921' - 16930' down csg using a 35# x-linked gel system as

### Operations Summary Report

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
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 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2007	06:00 - 16:00	10.00	STIM	3		<p>follows: Pump 800 gals of 15% HCL followed by a 346 bbls pad and stage 0.5 to 4.0 ppg 30/60 Sinterlite sand &amp; total sand in 499 bbls, fluid w/ flush of 238 bbls of slick water. Total of 28,400# sand (5000# mesh) &amp; a total load of 1115 bbl. Max rate = 36 BPM; avg rate = 29 BPM; max psi = 11064#; avg psi = 10292#; ISIP = 8995#; (.97). Lubricate in comp frac plug @ 16900'.</p> <p>Zone 1B - (16728' - 16881') - Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun - Dakota 16877' - 16881'; 16856' - 16858'; 16728' - 16732' (30 holes). Frac gross perforated Dakota interval 16728' - 16881' down csg using a 35# x-linked gel system as follows: Pump 800 gals of 15% HCL followed by a 222 bbl pad and stage 1.0 to 4.0 ppg 30/60 Sinterlite sand in 501 bbls of fluid and flush with 238 bbl of slick water. Total of 53,700# of sand &amp; a total load of 940 bbls. Max rate = 42 BPM; avg rate = 31 BPM; max psi = 11163#; avg psi = 9978#; ISIP = 7496#; (.89). Lubricate in a comp frac plug and set at 16652'.</p> <p>Zone 2 - Frontier/Dakota Silt (16169' - 16605') - Perforate per the CBL log the following intervals @ 3 JPF (120* phasing) using a 2-1/2" csg gun. Dakota - 16603' - 16605'; 16526' - 16528'; Frontier: 16452' - 16454'; 16413' - 16415'; 16314' - 16316'; 16223' - 16225'; 16169' - 16171' (42 holes). SDFN.</p> <p>24 Hour Forecast: Will continue w/frac.</p> <p>LLTR: 2055 bbls</p> <p>Used Haliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'                      16877' - 16881'                      16856' - 16858'                      16728' - 16732'                      16603' - 16605'                      16413' - 16415'                      16314' - 16316'                      16223' - 16225'                      16169' - 16171'</p>
11/14/2007	06:00 - 16:00	10.00	STIM	3		<p>Tight Hole -On 11/13/07 Halliburton Frac Crew &amp; OWP still rigged up .</p> <p>Zone #2 - Frontier/Dakota Silt (16169' - 16605'): Frac gross perforated Frontier/Dakota Silt interval 16169' - 16605' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 540 bbls pad and stage 0.25 to 0.75 pps 30/60 Sinterlite sand in 1971 bbls of fluid with 3 water spacers of 239 bbls and flush with 240 bbls of slick water. Total of 40,500# of sand &amp; total load of 3479 bbls. Max rate = 45 BPM; avg rate = 45 BPM; max psi = 11075#; avg psi = 10400#; ISIP = 8150# (.94). Lubricate in a comp frac plug and set at 16092'.</p> <p>Zone #3 - Frontier/Mancos (15539' - 16059'): Perforate per the CBL log</p>

### Operations Summary Report

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/14/2007	06:00 - 16:00	10.00	STIM	3		<p>the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun. Frontier: 16057' - 16059'; 15966' - 15968'; 15903' - 15905'; 15794' - 15796'; 15681' - 15683'; 15630' - 15632'; Mancos: 15539' - 15541' (42 holes). Frac gross perforated Mancos/Frontier interval 15539' - 16059' down csg using slickwater system as follows: Pump 800 gals of 15% HCL followed by a 539 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1965 bbls of fluid w/ 3 water spacers of 239 bbls and flush w/ 231 bbls of slick water. Total of 40,000# of sand &amp; a total load of 3448 bbls. Max rate = 47 BPM; avg rate = 42 BPM; max psi = 10974#; avg psi = 10431#; ISIP = 8070# (.95). Lubricate in comp frac plug &amp; set @ 15470'.</p> <p>Zone #4 - (14981' - 15447') - Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun. Mancos 15445' - 15447'; 15349' - 15351'; 15260' - 15262'; 15206' - 15208'; 15140' - 15142'; 15054' - 15056'; 14981' - 14983' (42 holes). Frac gross perforated Mancos interval 14981' - 15447' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 540 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1512 bbl of fluid w/ 2 water spacers of 239 bbl and flush with 245 bbls of slick water. Total of 27,400# of sand &amp; a total load of 2776 bbls. Max rate = 43 BPM; avg rate = 37 BPM; max psi = 11197#; avg psi = 10052#; ISIP = 7945# (.96). Lubricate in comp frac plug &amp; set @ 13550'.</p> <p>Zone #5 - Mancos (14367' - 14875'): Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun. Mancos 14873' - 14875'; 14798' - 14800'; 14708' - 14710'; 14648' - 14650'; 14512' - 14514'; 14431' - 14433'; 14367' - 14369' (42 holes). SDFN.</p> <p>24 Hour Forecast: Will continue w/frac.</p> <p>LLTR: 11758 bbls</p> <p>Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'; 16877' - 16881'; 16856' - 16858'                      16728' - 16732'; 16603' - 16605'; 16413' - 16415'                      16314' - 16316'; 16223' - 16225'; 16169' - 16171'                      16057' - 16059'; 15966' - 15968'; 15903' - 15905'                      15794' - 15796'; 15681' - 15683'; 15630' - 15632'                      Mancos                      15539' - 15541'; 15445' - 15447'; 15349' - 15351'                      15260' - 15262'; 15140' - 15142'; 15054' - 15056'                      14981' - 14983'; 14873' - 14875'; 14798' - 14800'                      14708' - 14710'; 14648' - 14650'; 14512' - 14514'                      14431' - 14433'; 14367' - 14369'</p>
11/15/2007	06:00 - 16:00	10.00	STIM	3		Tight Hole - On 11/14/07 - Halliburton Frac Crew & OWP still rigged up.

### Operations Summary Report

Legal Well Name:	WV 13AD-8-8-22R	
Common Well Name:	WV 13AD-8-8-22R	Spud Date: 6/27/2007
Event Name:	COMPLETION	Start: 10/2/2007
Contractor Name:	Unit Drilling Co.	End:
Rig Name:	UNIT	Group:
		Rig Release: 9/9/2007
		Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/15/2007	06:00 - 16:00	10.00	STIM	3		<p>Zone #5 - Mancos (14,367' - 14,875'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 14873' - 14875'; 14798' - 14800'; 14708' - 14710'; 14648' - 14650'; 14512' - 14514'; 14431' - 14433'; 14367' - 14369' (42 holes). Frac gross perforated Mancos interval 14,367' - 14,875' down csg using slick water system as follows: Pump 800 gals of 15% HCL followed by a 539 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1511 bbls of fluid w/ 2 water spacers of 238 bbls and flush w/ 250 bbls of slick water. Total of 27,000# of sand &amp; a total load of 2772 bbls. Max rate = 42 BPM; avg rate = 31 BPM; max psi = 11184#; avg psi = 10378#; ISIP = 7630# (.96). Lubricate in comp frac plug &amp; set @ 14260'.</p> <p>Zone # 6 - Mancos (13,773' - 14,213'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mancos 14211' - 14213'; 14129' - 14131'; 14082' - 14084'; 14016' - 14018'; 13971' - 13973'; 13892' - 13894'; 13773' - 13775' (42 holes). Frac gross perforated Mancos intervals 13773' - 14213' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 539 bbl pad and stage 0.25 to 0.75 ppg 30/60 Sinterlite sand in 1936 bbls of fluid w/ 3 water spacers of 239 bbls and flush w/ 206 bbls of slick water. Total of 40,400# of sand &amp; a total of 3408 bbls. Max rate = 41 BPM; avg rate = 33 BPM; max psi = 11159#; avg psi = 9987#; ISIP = 7320# (.96). Lubricate in comp frac plug &amp; set @ 13708'.</p> <p>Zone #7 - Mancos (13,122' - 13,653') - Perforate per the CBL log the following intervals at 3 JPF (120° phasing using a 2-1/2" csg gun. Mancos 13651' - 13653'; 13568' - 13570'; 13484' - 13486'; 13396' - 13398'; 13353' - 13355'; 13284' - 13286'; 13122' - 13124' (42 holes). Frac gross perforated Mancos interval 13122' - 13653' down csg using a slick water system as follows: Pump 800 gals of 15% HCL followed by a 540 bbl pad and stage 0.25 to 0.75 30/60 Sinterlite sand in 1927 bbls of fluid w/ 3 water spacers of 239 bbls and flush with 196 bbls of slick water. Total of 39,500# of sand &amp; a total of 3369 bbls. Max rate = 47 BPM; avg rate = 43 BPM; max psi = 10841#; avg psi = 9882#; ISIP = 6860# (.95). Lubricate in comp frac plug &amp; set @ 13056'.</p> <p>Zone #8 - Mancos/Mancos B (12493' - 13007'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using 2-1/2" csg gun: Mancos 13005' - 13007'; 12975' - 12977'; 12962' - 12964'; 12948' - 12950'; Mancos 12870' - 12872'; 12749' - 12751'; 12656' - 12658'; 12567' - 12569'; 12493' - 12495'. SDFN.</p> <p>24 Hour Forecast: Will continue w/frac.</p> <p>LLTR: 21307 bbls</p> <p>Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125 Csg Depth: 17,100'</p> <p>Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858'</p>

**Operations Summary Report**

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/15/2007	06:00 - 16:00	10.00	STIM	3		16728' - 16732'; 16603' - 16605'; 16413' - 16415' 16314' - 16316'; 16223' - 16225'; 16169' - 16171' 16057' - 16059'; 15966' - 15968'; 15903' - 15905' 15794' - 15796'; 15681' - 15683' 15630' - 15632' Mancos 15539' - 15541'; 15445' - 15447'; 15349' - 15351' 15260' - 15262'; 15140' - 15142'; 15054' - 15056' 14981' - 14983'; 14873' - 14875'; 14798' - 14800' 14708' - 14710'; 14648' - 14650'; 14512' - 14514' 14431' - 14433'; 14367' - 14369'; 14211' - 14213' 14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773 - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658'
11/19/2007	06:00 - 16:00	10.00	STIM	3		Tight Hole - Completion Report. 11-16-07 Halliburton Frac crew & OWP still rigged up. ZONE#11: L.Mesa: (10491'-10903'): Frac gross perforated L.Mesa: interval (10491' -10903') down csg.using 10# linear gel system as follows: Pump 800 gal of 15% Hcl followed by a 614 bbl pad and stage 0.5 to 2.0 ppg 20/40 CRC sand in 1527 bbl.of fluid & flush w/160 bbl.of linear gel wtr. Total of 75,300# of sand & a total load of 2251 bbl. Max.rate=53; Ave=49 BPM; Max.psi=10414#, Ave=8045#; ISIP=2914# (.71). Lube in comp.frac plug & set @ 10340'. ZONE#12: L.Mesa (9948' -10283'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: L.Mesa 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50' (54 holes). Frac gross perforated L.Mesa (9948'-10283') down csg.using 10# linear gell system as follows: Pump 800 gal of 15% Hcl followed by a 614 bbl pad and stage 0.5 to 2.0 ppg 20/40 CRC sand in 1530 bbl.of fluid & flush w/153 bbl of linear gel water. Total of 75,500# of sand & a total load of 2250 bbl. Max.rate=55; Ave=50 BPM; Max.psi=9137#; Ave=7509#; ISIP=2795# (.71). Lube in comp.frac plug & set @ 11650'. ZONE#13: L.Mesa/Wasatch: (8964'-9302'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: L.Mesa 9300-02'; 9289-91'; 9255-57'; 9227-29; 9163-65'; 9131-33'; Wasatch 8964-66' (42 holes). Frac gross perforated L.Mesa/Wasatch interval 8964'-9302' down csg. using 10# linear gell system as Pump 800 gal of 15% Hcl followed by a 615 bbl pad and stage 0.5 to 2.0 ppg 20/40 CRC sand in 1556 bbl. of fluid & flush w/138 bbl of linear gel water. Total of 77,400# of sand & a total load of 2252 bbl Max.rate=55; Ave=50 BPM; Max.psi=10913#; Ave=7240#; ISIP=2350# (.69). Lube in comp. frac plug & set @ 7730'. ZONE#14: Wasatch: (7492'-7666'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: Wasatch 7662-66'; 7492-00' (36 holes). Frac gross perforated Wasatch interval 7492'-7666' down csg.using 18# x-link gel system as Pump 800 gal of 15% Hcl followed by a 115 bbl pad and stage 1.0 to 6.0 ppg 20/40

### Operations Summary Report

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 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/19/2007	06:00 - 16:00	10.00	STIM	3		<p>CRC sand in 592 bbl.of fluid &amp; flush w/107 bbl of gel water. Total of 89,300# of sand &amp; a total load of 838 bbl. Max.rate=38; Ave=34 BPM; Max.psi=9179#; Ave=4918#; ISIP=1060# (.58). Shut well in for 2 hours. RDMO Halliburton &amp; OWP Wireline. Turn well over to flow watch.. Flow watch sending in flow back report.</p> <p>Load from yesterday: 29247                      Plus water today: 7591                      LLTR: 36838</p> <p>Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.</p> <p>Csg Size: 4-1/2" 15.1# HCP = 110 &amp; Q-125                      Csg Depth: 17,100'</p> <p>Perfs                      Dakota                      16921' - 16930'; 16877' - 16881'; 16856' - 16858'                      16728' - 16732'; 16603' - 16605'; 16413' - 16415'                      16314' - 16316'; 16223' - 16225'; 16169' - 16171'                      16057' - 16059'; 15966' - 15968'; 15903' - 15905'                      15794' - 15796'; 15681' - 15683' 15630' - 15632'</p> <p>Mancos                      15539' - 15541'; 15445' - 15447'; 15349' - 15351'                      15260' - 15262'; 15140' - 15142'; 15054' - 15056'                      14981' - 14983'; 14873' - 14875'; 14798' - 14800'                      14708' - 14710'; 14648' - 14650'; 14512' - 14514'                      14431' - 14433'; 14367' - 14369'; 14211' - 14213'                      14129' - 14131'; 14082' - 14084'; 14016' - 14018'                      13971' - 13973'; 13892' - 13894'; 13773 - 13775'                      13651' - 13653'; 13568' - 13570'; 13484' - 13486'                      13396' - 13398'; 13353' - 13355'; 13284' - 13286'                      13122' - 13124'; 13005' - 13007'; 12975' - 12977'                      12962' - 12964'; 12948' - 12950'</p> <p>Mancos 'B'                      12870' - 12872'; 12749' - 12751'; 12656' - 12658'                      12567-69'; 12493-95';</p> <p>Blackhawk:                      12402-04'; 12315-17'; 12245-47'; 12193-97';</p> <p>Sego                      11604-06';</p> <p>L.Mesa                      11567-69'; 11540-42';                      11513-15'; 11481-83'; 11438-40'                      11390-92'; 11356-58'; 11338-40'                      11306-08'; 11259-61'; 11222-24'                      11169-71'; 11121-23'; 11077-79';                      11013-15'; 10901-03'; 10884-86'                      10813-15'; 109775-77'; 10726-28'                      10639-41'; 10596-98'; 10530-32';                      10491-93'; 10281-83'; 10240-42';                      10174-76'; 10154-56'; 10067-69';</p>

### Operations Summary Report

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/19/2007	06:00 - 16:00	10.00	STIM	3		10032-34'; 10013-15'; 9974-76'; 9948-50'; 9300-02'; 9289-91'; 9255-57'; 9227'-29'; 9163-65'; 9131-33'; Wasatch 8964-66'; 7662-66'; 7492-00'
11/20/2007	06:00 - 16:00	10.00	EQT	1		On 11-19-07 MIRU IPS Coil tbg unit, Baker Tools & Spirit Completion fluids Pressure test frac valves & flow manifold to 8000#. Function test BOP's. Pull test to 25,000# & pressure tested to 2500# Baker tools. RIH w/ 3-5/8" Bo mill, mud motor & coil tbg pumping 1/4 bpm to tag @ 7371'. Pumping 2.0 bpm w/ little returns Hooked up nitrogen truck. Pump nitrogen to help w/returns. Got returns..Procede on with drilling on frac plugs Drill up frac plugs at 7730'; 9360'; 10340'; 10950'; 11650'; 12450'; 13056'; 13708'; 14260'; 14550'; 15470'; 16092'; 16652'; 16900' Clean out sand to 17,000'. Bottom perms @ 16930'. Circulate well w/gel sweep. POOH w/coil tbg, mud motor & bit RDMO IPS, Spirit Completion fluids & Baker Tools. fluids. Open csg up and turn well over to flow watch. Parchman Flow watch sending in flow report.  NOTE: pump gel sweep every 2 plugs. Load from yesterday: 29247 Plus water today: 7591 LLTR: 36838  Used Halliburton 10K plugs. Correlated to SLB Platform Express dated 9/4/07. Run #3 SLB CNL - Sonic Scanner, 8/31/07.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'  Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858' 16728' - 16732'; 16603' - 16605'; 16413' - 16415' 16314' - 16316'; 16223' - 16225'; 16169' - 16171' 16057' - 16059'; 15966' - 15968'; 15903' - 15905' 15794' - 15796'; 15681' - 15683' 15630' - 15632' Mancos 15539' - 15541'; 15445' - 15447'; 15349' - 15351' 15260' - 15262'; 15140' - 15142'; 15054' - 15056' 14981' - 14983'; 14873' - 14875'; 14798' - 14800' 14708' - 14710'; 14648' - 14650'; 14512' - 14514' 14431' - 14433'; 14367' - 14369'; 14211' - 14213' 14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773 - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658' 12567-69'; 12493-95';

### Operations Summary Report

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/20/2007	06:00 - 16:00	10.00	EQT	1		Blackhawk: 12402-04'; 12315-17'; 12245-47'; 12193-97'; Sego 11604-06'; L.Mesa 11567-69'; 11540-42'; 11513-15'; 11481-83'; 11438-40' 11390-92'; 11356-58'; 11338-40' 11306-08'; 11259-61'; 11222-24' 11169-71'; 11121-23'; 11077-79'; 11013-15'; 10901-03'; 10884-86' 10813-15'; 109775-77'; 10726-28' 10639-41'; 10596-98'; 10530-32'; 10491-93'; 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50'; 9300-02'; 9289-91'; 9255-57'; 9227'-29'; 9163-65'; 9131-33'; Wasatch 8964-66'; 7662-66'; 7492-00' On 11/24/07 - RDMO Parchman flowback crew. Turn well over to production.  Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'  Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858' 16728' - 16732'; 16603' - 16605'; 16413' - 16415' 16314' - 16316'; 16223' - 16225'; 16169' - 16171' 16057' - 16059'; 15966' - 15968'; 15903' - 15905' 15794' - 15796'; 15681' - 15683' 15630' - 15632' Mancos 15539' - 15541'; 15445' - 15447'; 15349' - 15351' 15260' - 15262'; 15140' - 15142'; 15054' - 15056' 14981' - 14983'; 14873' - 14875'; 14798' - 14800' 14708' - 14710'; 14648' - 14650'; 14512' - 14514' 14431' - 14433'; 14367' - 14369'; 14211' - 14213' 14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773 - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658' 12567-69'; 12493-95'; Blackhawk: 12402-04'; 12315-17'; 12245-47'; 12193-97';
11/26/2007	06:00 - 16:00	10.00	PTST	2		On 11/24/07 - RDMO Parchman flowback crew. Turn well over to production.  Discontinue report until further activity.  Csg Size: 4-1/2" 15.1# HCP = 110 & Q-125 Csg Depth: 17,100'  Perfs Dakota 16921' - 16930'; 16877' - 16881'; 16856' - 16858' 16728' - 16732'; 16603' - 16605'; 16413' - 16415' 16314' - 16316'; 16223' - 16225'; 16169' - 16171' 16057' - 16059'; 15966' - 15968'; 15903' - 15905' 15794' - 15796'; 15681' - 15683' 15630' - 15632' Mancos 15539' - 15541'; 15445' - 15447'; 15349' - 15351' 15260' - 15262'; 15140' - 15142'; 15054' - 15056' 14981' - 14983'; 14873' - 14875'; 14798' - 14800' 14708' - 14710'; 14648' - 14650'; 14512' - 14514' 14431' - 14433'; 14367' - 14369'; 14211' - 14213' 14129' - 14131'; 14082' - 14084'; 14016' - 14018' 13971' - 13973'; 13892' - 13894'; 13773 - 13775' 13651' - 13653'; 13568' - 13570'; 13484' - 13486' 13396' - 13398'; 13353' - 13355'; 13284' - 13286' 13122' - 13124'; 13005' - 13007'; 12975' - 12977' 12962' - 12964'; 12948' - 12950' Mancos 'B' 12870' - 12872'; 12749' - 12751'; 12656' - 12658' 12567-69'; 12493-95'; Blackhawk: 12402-04'; 12315-17'; 12245-47'; 12193-97';

### Operations Summary Report

Legal Well Name: WV 13AD-8-8-22R  
 Common Well Name: WV 13AD-8-8-22R  
 Event Name: COMPLETION  
 Contractor Name: Unit Drilling Co.  
 Rig Name: UNIT

Start: 10/2/2007  
 Rig Release: 9/9/2007  
 Rig Number: 236

Spud Date: 6/27/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/26/2007	06:00 - 16:00	10.00	PTST	2		Sego 11604-06'; L.Mesa 11567-69'; 11540-42'; 11513-15'; 11481-83'; 11438-40' 11390-92'; 11356-58'; 11338-40' 11306-08'; 11259-61'; 11222-24' 11169-71'; 11121-23'; 11077-79'; 11013-15'; 10901-03'; 10884-86' 10813-15'; 109775-77'; 10726-28' 10639-41'; 10596-98'; 10530-32'; 10491-93'; 10281-83'; 10240-42'; 10174-76'; 10154-56'; 10067-69'; 10032-34'; 10013-15'; 9974-76'; 9948-50'; 9300-02'; 9289-91'; 9255-57'; 9227'-29'; 9163-65'; 9131-33'; Wasatch 8964-66'; 7662-66'; 7492-00'
3/26/2008	12:00 - 14:00	2.00	LOG	4	C-LOG	MIRU E&E SLU. MU AND RIH WITH OIL/SPANG JARS AND 3.500" GR. TAG PBSD AT 17,025'. POOH RDMO E&E SLU.

OPERATOR: **Questar Exploration & Production, Co.**  
ADDRESS: **1571 East 1700 South**  
**Vernal, Utah 84078-8526 (435)781-4342**

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
C	99999	16216	<del>43-047-39321</del>	WV 13AD 8 8 22R	SWSW	8	8S	22E	Uintah	5/10/2007	4/3/08

WELL 1 COMMENTS: Frontier-Dakota

MRSN = FR-DK

CONFIDENTIAL

C	99999	14864	43-047-39321	WV 13AD 8 8 22R	SWSW	8	8S	22E	Uintah	5/10/2007	4/3/08
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WELL 2 COMMENTS: Wasatch-Mesa Verde-Mancos

MRSN = WSMVM

CONFIDENTIAL

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)

  
Signature

Office Administrator II      3/31/08  
Title      Date

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

Phone No. (435)781-4342

(3/89)  
**RECEIVED**  
**APR 02 2008**  
DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

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-022158
6. If Indian, Allottee or Tribe Name NA
7. If Unit or CA, Agreement Designation Wonsits Valley Unit
8. Well Name and No. WV 13AD-8-8-22 R
9. API Well No. 43-047-39321
10. Field and Pool, or Exploratory Area Wonsits Valley
11. County or Parish, State UINTAH, UT

SUBMIT IN TRIPLICATE

1. Type of Well Oil Gas Well X Well Other
2. Name of Operator QEP Uinta Basin, Inc.
3. Address and Telephone No. 11002 E. 17500 S. Vernal, UT 84078, (435) 781-4331
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1285 FSL 1252 FWL, SECTION 8, T8S, R22E

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other (checked), Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water.

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)

Questar requests that the wildcat tax credit be applied to the WV 13AD-8-8-22 well. This is the first well in the Mancos / Dakota pool within a one mile radius (see attached map). Offset wells include:

Table with 4 columns: Well Name, API, TD, Formation at TD. Rows include OU GB 7W-20-8-22, GB 16ML-20-8-22, etc.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: 6/25/08 BY: [Signature]

\* CC: Tax Commission (emailed)

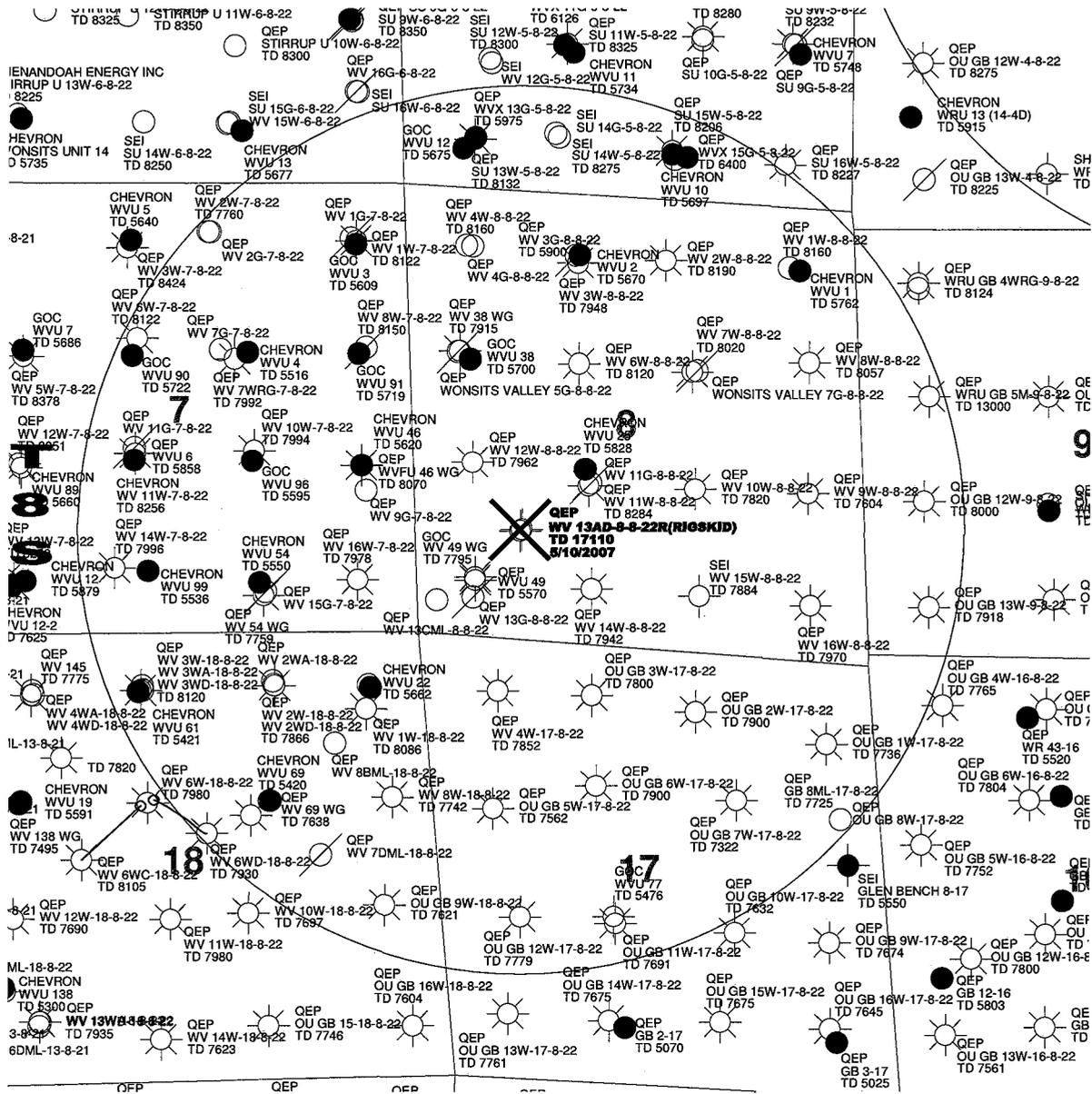
RECEIVED JUN 02 2008 DIV. OF OIL, GAS & MINING

\* for Frontier, Dakota formations only \*\* See attached statement of basis

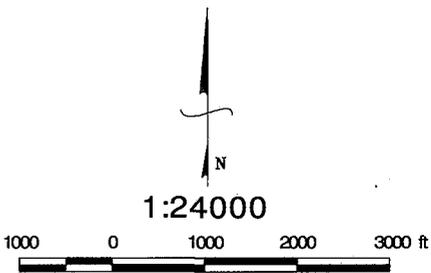
14. I hereby certify that the foregoing is true and correct. Signed [Signature] Title Sr Geologist Date 29 May 08

(This space for Federal or State office use) Approved by: Title Date

# R 22 E



Well Status	
	D&A
	GAS
	LOC
	OIL
	SI



1050 17th, Suite 500 Denver, Colorado 80265 303 672-6900	 <b>Exploration &amp; Production</b>
<h2>WV 13AD-8-8-22R</h2>	
Date: May 12, 2008	Geologist:
Landman:	Geophysicist:
Engineer:	File:...\Uinta\CJO_RAGTaxCr\WV 13AD-8-8-22

# Fluid Entry Results

Company: Questar  
 Well: WV 13AD-8-8-22  
 Date: 6-Dec-07  
 Field:

Metered Rates Gas: 1.7-2.0 mmcf/d\*  
 Water: 700-750 B/D

NOTE: Only perms that are contributing towards production are listed. Please see "Data Cover" for a list of all perms.

Reservoir Zone	Perforations Depth (ft)	Gas		Water	
		Surface mmcf/d	%	Surface B/D	%
Wasatch	7492-7500			51.0	6.10%
Wasatch	8964-8966			80.0	9.57%
Mesa Verde	9131-9133	0.051	2.67%	236.0	28.23%
Mesa Verde	9227-9229	0.142	7.44%		
Mesa Verde	9347-9374*	0.013	0.68%		
Mesa Verde	10154-10156	0.018	0.94%	70.0	8.37%
Mesa Verde	10726-10728	0.025	1.31%		
Mesa Verde	10813-10815	0.026	1.36%		
Mesa Verde	11077-11079	0.034	1.78%		
Mesa Verde	11513-11515	0.098	5.13%		
Blackhawk	12193-12197	0.137	7.18%	38.0	4.55%
Blackhawk	12245-12249	0.013	0.68%		
Blackhawk	12315-12317	0.050	2.62%		
Mancos 'B'	12567-12569	0.052	2.72%		
Mancos 'B'	12749-12751	0.106	5.55%		
Mancos	12962-12964	0.054	2.83%		
Mancos	13971-13973	0.069	3.61%		
Mancos	14082-14084	0.016	0.84%		
Mancos	14367-14369	0.137	7.18%	Possible	---
Mancos	15054-15056	0.195	10.21%		
Mancos	15445-15447	0.138	7.23%		

Dakota	15630-15632	0.060	3.14%		
Dakota	16057-16059	0.015	0.79%		
Dakota	16169-16171	0.030	1.57%		
Dakota	16526-16528	0.118	6.18%	161.00	** 19.26%
Dakota	16728-16732	0.224	11.73%		
Dakota	16856-16858	0.088	4.61%	200.00	** 23.92%

**Total:            1.909 mmcf/d            100%            836 B/D            100%**

\* This perf not listed on completion detail. See PLATO "Conclusion".

\*\*These water production rates may be too high or non-existent.

DIVISION OF OIL, GAS AND MINING  
**Wildcat Well Determination**  
**STATEMENT OF BASIS**

**Applicant:** QEP Uinta Basin, Inc.

**Location:** SWSW Sec. 8 T8S, R22E, Uintah County, Utah

**WELL NAME:** WV 13AD-8-8-22 **API #:** 43-047-39321

**FINDINGS**

1. This well was completed on November 17, 2007 in the Wasatch, Mesa Verde, Mancos, Frontier and Dakota formations.
2. This well was > 1 mile from any known production in the Frontier and Dakota formations at the time of the completion and the start of commercial production. The Dakota formation is the deepest producing formation in this well.
3. This well is approximately 4940' from the WRU GB 5M-9-8-22 that also produces from the Wasatch, Mesa Verde and Mancos formations.
4. A production log was run on 06 December 2007 that attributed production in the following amounts for each formation: Wasatch 0%, Mesa Verde 21%, Blackhawk 11%, Mancos 40%, Frontier 0%, and Dakota 28%.
5. The Wildcat Tax Credit application was received 7 months after completion of the WV 13AD-8-8-22 well (see submittal requirements in R649-3-35-1).

**CONCLUSIONS**

Future requests for wildcat well determination should be submitted in accordance with R649-3-35-1. Based on the findings above the Division has determined the WV 13AD-8-8-22 well was drilled into an unknown area for the Frontier and Dakota formations. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells for the **Frontier and Dakota** formations only. The Division recommends the percent of production attributed to the above formations (28%) from the production log run on 06 December 2007 be used as the amount of production that qualifies for the wildcat tax credit. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet



Date: 09/25/2008

Joshua J. Payne

Date: 19 August 2008

CC: Utah State Tax Commission  
ATTN: Ken Petersen

## ATTACHMENT A

### 1 Mile Area Of Review

API	Well Name	Well Status	qtr_qtr	SecId	Towns	Range	cum_oil	cum_gas	field_type	Dx from Well (ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4304715009	WVU 49	PA	SWSW	8	080S	220E	0	0		929		1/1/1966	8/19/1966	Green River
4304715430	WVU 10	PA	SWSW	5	080S	220E	331492	188217		4922		10/23/1962	11/9/1962	Green River
4304715432	WVU 12	PA	SWSW	5	080S	220E	0	0		4577		2/6/1963	2/19/1963	Green River
4304715434	WVU 3	PA	NENE	7	080S	220E	265066	216830		3944		12/28/1962	1/17/1963	Green River
4304715435	WVU 4	PA	SWNE	7	080S	220E	1185447	438665		3931		1/31/1963	2/14/1963	Green River
4304715437	WVU 6	PA	NESW	7	080S	220E	1019195	448622		4739		5/1/1963	5/14/1963	Green River
4304715453	WVU 22	PA	NENE	18	080S	220E	10072	458		2493		11/16/1963	12/18/1963	Green River
4304715455	WVU 25	PA	NESW	8	080S	220E	0	0		1000		1/28/1964	2/20/1964	Green River
4304715466	WVU 38	PA	SWNW	8	080S	220E	455149	177501		2086		8/27/1965	9/20/1965	Green River
4304715474	WVU 46	PA	NESE	7	080S	220E	321160	101226		2148		12/18/1965	1/25/1966	Green River
4304716509	WVU 1	PA	NENE	8	080S	220E	0	0		4682		10/7/1962	10/27/1962	Green River
4304716510	WVU 2	PA	NENW	8	080S	220E	158607	192294		3424		11/26/1962	12/18/1962	Green River
4304720004	WVU 54	PA	SWSE	7	080S	220E	148146	83608		3330		2/15/1966	3/13/1966	Green River
4304720023	WVU 61	PA	NENW	18	080S	220E	203742	123404		4848		3/1/1966	3/21/1966	Green River
4304720049	WVU 69	PA	SWNE	18	080S	220E	19543	50716		4365		4/8/1966	5/8/1966	Green River
4304720102	WVU 77	PA	NESW	17	080S	220E	0	0		4708		8/4/1966	NA	Wasatch
4304730005	WVU 90	PA	SENE	7	080S	220E	248312	61257		5099		3/5/1968	3/16/1968	Green River
4304730006	WVU 91	PA	SENE	7	080S	220E	210215	102601		2905		1/16/1968	3/23/1968	Green River
4304730013	WVU 96	PA	NWSE	7	080S	220E	207606	87496		3420		3/26/1968	4/10/1968	Green River
4304730017	WVU 99	PA	SESW	7	080S	220E	413343	85573		4540		7/13/1968	7/23/1968	Green River
4304730685	WVU 119	LA	SENE	18	080S	220E	0	0		3410		NA	NA	Mesa Verde
4304732821	WV 54 WG	PGW	SWSE	7	080S	220E	2535	850520		3330		8/2/1998	8/25/1998	Wasatch
4304732829	WV 69 WG	PGW	SWNE	18	080S	220E	4040	1634348		4623		11/19/1998	12/10/1998	Wasatch
4304732831	WV 38 WG	PGW	SWNW	8	080S	220E	1119	539822	D	2237		1/21/1999	2/17/1999	Wasatch
4304732832	WV 49 WG	PGW	SWSW	8	080S	220E	1501	772238		1156		11/2/1998	11/18/1998	Wasatch
4304733241	WV 46 WG	PGW	NESE	7	080S	220E	5468	557947	D	2042		2/9/1999	3/3/1999	Wasatch
4304733294	WV 1W-18-8-22	PGW	NENE	18	080S	220E	1535	499114	D	2720		2/14/2000	3/1/2000	Wasatch
4304733295	WV 11W-8-8-22	PGW	NESW	8	080S	220E	859	380464	D	861		3/7/2000	3/17/2000	Wasatch
4304733493	WV 3W-8-8-22	SGW	NENW	8	080S	220E	1113	378395	D	3279		3/23/2000	5/5/2000	Wasatch
4304733495	WV 11W-7-8-22	PGW	NESW	7	080S	220E	1380	520078	D	4739		3/23/2000	5/23/2000	Wasatch
4304733501	WV 1W-7-8-22	PGW	NENE	7	080S	220E	910	321246	D	3944	4/3/2000	5/30/2000	7/8/2000	Wasatch
4304733503	WV 7WRG-7-8-22	POW	SWNE	7	080S	220E	39007	98262	D	4199		6/13/2000	7/17/2000	Wasatch
4304733513	OU GB 3W-17-8-22	PGW	NENW	17	080S	220E	2274	576830	D	2215		9/5/2000	9/28/2000	Wasatch
4304733514	OU GB 5W-17-8-22	PGW	SWNW	17	080S	220E	1631	568791	D	3341		9/20/2000	10/6/2000	Wasatch
4304733515	WV 9W-8-8-22	PGW	NESE	8	080S	220E	1593	693223	D	3375		8/12/2000	9/5/2000	Wasatch
4304733516	OU GB 9W-18-8-22	PGW	NESE	18	080S	220E	1460	756303	D	4844		9/23/2000	10/27/2000	Wasatch
4304733517	WV 15W-8-8-22	PA	SWSE	8	080S	220E	0	0		2104		8/24/2000	NA	Wasatch
4304733533	WV 3W-18-8-22	PGW	NENW	18	080S	220E	2177	1000941	D	4848		9/27/2000	10/16/2000	Wasatch
4304733811	WV 6W-8-8-22	PGW	SENE	8	080S	220E	804	325387	D	2062	5/17/2001	6/19/2001	7/2/2001	Wasatch
4304733812	WV 7W-8-8-22	PGW	SWNE	8	080S	220E	1035	381818	D	2793	3/28/2001	4/20/2001	5/7/2001	Wasatch
4304733813	WV 10W-7-8-22	PGW	NWSE	7	080S	220E	909	409644	D	3420	6/28/2001	7/23/2001	8/6/2001	Wasatch
4304733814	WV 10W-8-8-22	PGW	NWSE	8	080S	220E	984	333647	D	2037	4/13/2001	5/10/2001	5/26/2001	Wasatch
4304733815	WV 12W-8-8-22	PGW	NWSW	8	080S	220E	1054	207515	D	960	4/26/2001	6/5/2001	6/21/2001	Wasatch
4304733816	WV 14W-7-8-22	PGW	SESW	7	080S	220E	752	309317	D	4939	8/21/2001	9/21/2001	10/8/2001	Wasatch
4304733817	WV 16W-7-8-22	PGW	SESE	7	080S	220E	544	192203	D	2189	4/25/2001	6/11/2001	6/26/2001	Wasatch
4304733828	WV 6W-7-8-22	PGW	SENE	7	080S	220E	909	300208	D	5165	5/14/2001	6/12/2001	7/10/2001	Wasatch
4304733986	WV 2W-18-8-22	PGW	NWNE	18	080S	220E	976	371646	D	3315	6/2/2001	6/25/2001	7/16/2001	Wasatch
4304733989	WV 8W-18-8-22	PGW	SENE	18	080S	220E	756	340501	D	3525	6/13/2001	7/2/2001	7/17/2001	Wasatch
4304733994	SU 13W-5-8-22	SGW	SWSW	5	080S	220E	695	68715	D	4640	7/16/2001	8/7/2001	8/29/2001	Wasatch
4304733996	SU 15W-5-8-22	PGW	SWSE	5	080S	220E	1382	376361	D	4839	7/13/2001	7/30/2001	8/13/2001	Wasatch
4304734005	WV 8W-8-8-22	PGW	SENE	8	080S	220E	1125	265739	D	3992	7/29/2001	8/17/2001	8/31/2001	Wasatch
4304734007	WV 14W-8-8-22	PGW	SESW	8	080S	220E	1788	517906	D	972	7/31/2001	8/27/2001	9/12/2001	Wasatch
4304734038	WV 4W-17-8-22	PGW	NWNW	17	080S	220E	957	419225	D	1925		9/9/2001	9/24/2001	Wasatch
4304734355	WV 2G-7-8-22	LA	NWNE	7	080S	220E	NA	NA	D	5092	NA	NA	NA	Wasatch
4304734356	WV 2W-7-8-22	LA	NWNE	7	080S	220E	NA	NA	D	5092	NA	NA	NA	Wasatch
4304734357	WV 4G-8-8-22	LA	NWNW	8	080S	220E	NA	NA	D	3340	NA	NA	NA	Wasatch
4304734389	WVX 13G-5-8-22	POW	SWSW	5	080S	220E	84497	6179	D	4640	5/5/2002	6/20/2002	7/22/2002	Green River
4304734390	WVX 15G-5-8-22	SOW	SWSE	5	080S	220E	3965	17507	D	4653	4/13/2002	4/30/2002	6/26/2002	Green River
4304734400	STIRRUP U 14G-5-8-22	LA	SESW	5	080S	220E	NA	NA	D	4663	NA	NA	NA	Green River
4304734401	STIRRUP U 14W-5-8-22	LA	SESW	5	080S	220E	NA	NA	D	4663	NA	NA	NA	Wasatch

API	Well Name	Well Status	qtr_qtr	Sect	Towns	Range	cum_oil	cum_gas	field_type	Dx from Well (ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4304734426	WV 2W A-18-8-22	LA	NWNE	18	080S	220E	NA	NA	D	3315	NA	NA	NA	Wasatch
4304734427	WV 2WD-18-8-22	LA	NWNE	18	080S	220E	NA	NA	D	3315	NA	NA	NA	Wasatch
4304734428	WV 3WA-18-8-22	LA	NENW	18	080S	220E	NA	NA	D	4848	NA	NA	NA	Wasatch
4304734429	WV 3WD-18-8-22	LA	NENW	18	080S	220E	NA	NA	D	4848	NA	NA	NA	Wasatch
4304734457	WV 4W-8-8-22	LA	NWNW	8	080S	220E	NA	NA	D	3340	NA	NA	NA	Wasatch
4304734467	WV 1W-8-8-22	LA	NENE	8	080S	220E	NA	NA	D	4543	NA	NA	NA	Wasatch
4304734468	WV 2W-8-8-22	PGW	NWNE	8	080S	220E	401	261782	D	3675	7/3/2002	8/21/2002	9/16/2002	Wasatch
4304734469	WV 8W-7-8-22	SGW	SENE	7	080S	220E			D	2853	6/25/2003	7/22/2003	8/29/2003	Wasatch
4304734470	WV 16W-8-8-22	PGW	SESE	8	080S	220E	959	414975	D	3359	6/8/2002	6/19/2002	7/22/2002	Wasatch
4304734542	OU GB 12W-17-8-22	PGW	NWSW	17	080S	220E	1629	726284	D	4541	7/10/2002	7/20/2002	8/13/2002	Wasatch
4304734543	OU GB 6W-17-8-22	PGW	SENE	17	080S	220E	1008	486496	D	2930	7/4/2002	7/12/2002	8/6/2002	Wasatch
4304734553	OU GB 11W-17-8-22	PGW	NESW	17	080S	220E	499	270546	D	4733	11/17/2002	11/25/2002	12/19/2002	Wasatch
4304734559	OU GB 2W-17-8-22	PGW	NWNE	14	080S	220E	974	434535	D	2968	7/9/2002	7/27/2002	8/16/2002	Wasatch
4304734560	OU GB 7W-17-8-22	PGW	SWNE	17	080S	220E	767	328993	D	4025	8/12/2002	8/30/2002	10/3/2002	Wasatch
4304734596	WV 3G-8-8-22	WIW	NENW	8	080S	220E	0	1071	D	3424	9/29/2002	11/2/2002	11/25/2002	Green River
4304734597	WONSITS VALLEY 1G-7-8-22	LA	NENE	7	080S	220E	NA	NA	D	4078	NA	NA	NA	Green River
4304734612	WONSITS VALLEY 5G-8-8-22	LA	SWNW	8	080S	220E	NA	NA	D	2361	NA	NA	NA	Green River
4304734613	WONSITS VALLEY 7G-8-8-22	LA	SWNE	8	080S	220E	NA	NA	D	2643	NA	NA	NA	Green River
4304734614	WV 11G-8-8-22	LA	NESW	8	080S	220E	NA	NA	D	1091	NA	NA	NA	Green River
4304734615	WV 13G-8-8-22	LA	SWSW	8	080S	220E	NA	NA	D	942	NA	NA	NA	Green River
4304734623	OU GB 1W-17-8-22	PGW	NENE	17	080S	220E	1030	595732	D	4296	11/27/2002	1/5/2003	1/28/2003	Wasatch
4304734626	WV 15G-7-8-22	LA	SWSE	7	080S	220E	NA	NA	D	3138	NA	NA	NA	Green River
4304734627	WV 11G-7-8-22	LA	NESW	7	080S	220E	NA	NA	D	4739	NA	NA	NA	Green River
4304734628	WONSITS VALLEY 7G-7-8-22	LA	SWNE	7	080S	220E	NA	NA	D	4325	NA	NA	NA	Green River
4304734629	WONSITS VALLEY 9G-7-8-22	LA	NESE	7	080S	220E	NA	NA	D	1902	NA	NA	NA	Green River
4304734647	OU GB 8W-17-8-22	LA	SENE	17	080S	220E	NA	NA	D	4931	NA	NA	NA	Wasatch
4304734652	OU GB 12W-9-8-22	SGW	NWSW	9	080S	220E			D	4850	1/9/2003	1/30/2003	3/21/2004	Wasatch
4304734654	OU GB 13W-9-8-22	PGW	SWSW	9	080S	220E	973	529184	D	4929	1/7/2003	1/20/2003	2/6/2003	Wasatch
4304734753	WRU GB 5M-9-8-22	PGW	SWNW	9	080S	220E	4341	64713	D	4940		5/4/2005	8/8/2005	Wasatch-Mesa Verde-Mancos
4304737663	WV 7DML-18-8-22	LA	NESE	18	080S	220E	NA	NA	D	4496	NA	NA	NA	Mesa Verde
4304737945	WV 13AD-8-8-22	PA	SWSW	8	080S	220E			D			5/13/2007		Morrison
4304737995	GB 8ML-17-8-22	APD	SENE	17	080S	220E			D	5079				Mesa Verde
4304738431	WV 13CML-8-8-22	APD	SWSW	8	080S	220E			D	1333				Mesa Verde
4304738433	WV 8BML-18-8-22	APD	ENE	18	080S	220E			D	3349				Mesa Verde
4304739155	WV 2CML-7-8-22	APD	NWNE	7	080S	220E			D	4852				Mesa Verde
4304739227	GB AML-17-8-22	APD	SWSW	17	080S	220E			D	5280				Mancos
4304739321	WV 13AD-8-8-22R(RIGSKID)	PGW	SWSW	8	080S	220E	2264	157973	D		6/27/2007	8/29/2007	11/17/2007	Wasatch-Mesa Verde-Mancos-Frontier-Dakota

ENTITY ACTION FORM

Operator: Questar Exploration and Production Co. Operator Account Number: N 5085  
 Address: 11002 E. 17500 S.  
 City: Vernal  
 State: UT Zip: 84078 Phone Number: (435) 781-4300-4342

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738049	WV 11AD-14-8-21	NWSE	14	080S	210E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	17122	17123			11/1/2007	
Comments:	WMMFD --- 1/29/2009					

FTR

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738049	WV 11AD-14-8-21	NWSE	14	080S	210E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	17122	17123			11/1/2007	
Comments:	WMMFD --- 1/29/2009					

DK

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304739321	WV 13AD-8-8-22R(RIGSKID)	SWSW	08	080S	220E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	14864	17123			11/1/2007	
Comments:	WMMFD RECEIVED --- 1/29/2009					

WMMFD

JAN 26 2009

ACTION CODES:

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

DIV. OF OIL, GAS & MINING

Dawn Caldwell  
 Signature  
Office Admin Title  
1/20/09 Date

CONFIDENTIAL

ENTITY ACTION FORM

Operator Questar Exploration and Production Co. Operator Account Number: N 5085  
 Address: 11002 E. 17500 S.  
City Vernal  
State UT Zip 84078 Phone Number: (435) 781-~~4300~~ 4342

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304739321	WV 13AD-8-8-22R(RIGSKID)	SWSW	08	080S	220E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	16216	17123			11/1/2007	
Comments:	WMMFD					1/29/2009

Well 2

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

Well 3

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

JAN 26 2009

ACTION CODES:

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

DAWN CALDWELL  
 Name (Please Print)  
Dawn Caldwell  
 Signature  
Office Admin 1/20/09  
 Title Date

**CONFIDENTIAL**

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

CA No.

Unit:

WONSITS VALLEY

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
See attached

**SUNDRY NOTICES AND REPORTS ON WELLS**

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  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
See attached

2. NAME OF OPERATOR:  
Questar Exploration and Production Company *N5085*

9. API NUMBER:  
Attached

3. ADDRESS OF OPERATOR:  
1050 17th Street, Suite 500 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~~  
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) Morgan Anderson  
SIGNATURE *Morgan Anderson*

TITLE Regulatory Affairs Analyst  
DATE 6/23/2010

(This space for State use only)

**RECEIVED**  
**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/13/2010*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)

WONSITS VALLEY

effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WV 43	11	080S	210E	4304715471	5265	Federal	OW	P	
WV 48	10	080S	210E	4304715476	5265	Federal	OW	P	
WV 53	10	080S	210E	4304720003	5265	Federal	OW	P	
WV 55	14	080S	210E	4304720005	5265	Federal	OW	P	
WV 62	10	080S	210E	4304720024	5265	Federal	OW	P	
WV 65	15	080S	210E	4304720041	5265	Federal	OW	P	
WV 83 WG	23	080S	210E	4304720205	17123	Federal	GW	P	
WV 103	14	080S	210E	4304730021	5265	Federal	OW	P	
WV 104	15	080S	210E	4304730022	5265	Federal	OW	P	
WV 105	10	080S	210E	4304730023	5265	Federal	OW	P	
WV 109	15	080S	210E	4304730045	5265	Federal	OW	P	
WV 110	14	080S	210E	4304730046	5265	Federal	OW	P	
WV 112	15	080S	210E	4304730048	5265	Federal	OW	P	
WV 124	15	080S	210E	4304730745	5265	Federal	OW	P	
WV 128	10	080S	210E	4304730798	5265	Federal	OW	P	
WV 132	15	080S	210E	4304730822	5265	Federal	OW	P	
WV 136	21	080S	210E	4304731047	5265	Federal	OW	S	
WV 137	11	080S	210E	4304731523	5265	Federal	OW	P	
WV 133	15	080S	210E	4304731706	5265	Federal	OW	P	
WV 144	10	080S	210E	4304731807	5265	Federal	OW	P	
WV 145	18	080S	220E	4304731820	17123	Federal	GW	P	
WV 121	14	080S	210E	4304731873	5265	Federal	OW	TA	
WV 135-2	21	080S	210E	4304732016	5265	Federal	OW	P	
WV 130	22	080S	210E	4304732307	5265	Federal	OW	P	
WV 119	21	080S	210E	4304732461	5265	Federal	OW	P	
WV 54 WG	07	080S	220E	4304732821	17123	Federal	GW	P	
WV 69 WG	18	080S	220E	4304732829	17123	Federal	GW	P	
WV 38 WG	08	080S	220E	4304732831	17123	Federal	GW	P	
WV 49 WG	08	080S	220E	4304732832	17123	Federal	GW	P	
WV 138 WG	18	080S	220E	4304733054	17123	Federal	GW	P	
WV 14 WG	12	080S	210E	4304733070	17123	Federal	GW	P	
WV 11 WG	12	080S	210E	4304733085	17123	Federal	GW	P	
WV 81 WG	24	080S	210E	4304733086	17123	Federal	GW	S	
WV 146 WG	19	080S	220E	4304733128	17123	Federal	GW	P	
WV 1W-14-8- 21	14	080S	210E	4304733220	17123	Federal	GW	P	
WV 5W-13- 8-21	13	080S	210E	4304733221	17123	Federal	GW	P	
WV 46 WG	07	080S	220E	4304733241	17123	Federal	GW	P	
WV 9W-14-8-21	14	080S	210E	4304733269	17123	Federal	GW	P	
WV 7W-13-8-21	13	080S	210E	4304733270	17123	Federal	GW	P	
WV 1W-18-8-22	18	080S	220E	4304733294	17123	Federal	GW	P	
WV 11W-8-8-22	08	080S	220E	4304733295	17123	Federal	GW	P	
WV 3W-8-8-22	08	080S	220E	4304733493	17123	Federal	GW	S	
WV 5W-7-8-22	07	080S	220E	4304733494	17123	Federal	GW	S	
WV 11W-7-8-22	07	080S	220E	4304733495	17123	Federal	GW	P	
WV 13W-7-8-22	07	080S	220E	4304733496	17123	Federal	GW	P	
WV 1W-7-8-22	07	080S	220E	4304733501	17123	Federal	GW	P	
WV 3W-7-8-22	07	080S	220E	4304733502	17123	Federal	GW	P	
WV 7WRG-7-8-22	07	080S	220E	4304733503	5265	Federal	OW	P	
WV 16W-9-8-21	09	080S	210E	4304733529	17123	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
**WONSITS VALLEY**  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WV 1W-12-8-21	12	080S	210E	4304733531	17123	Federal	GW	S	
WV 1W-13-8-21	13	080S	210E	4304733532	17123	Federal	GW	S	
WV 3W-18-8-22	18	080S	220E	4304733533	17123	Federal	GW	P	
WV 9W-12-8-21	12	080S	210E	4304733534	17123	Federal	GW	P	
WV 11W-12-8-21	12	080S	210E	4304733535	17123	Federal	GW	P	
WV 11W-13-8-21	13	080S	210E	4304733536	17123	Federal	GW	P	
WV 13W-12-8-21	12	080S	210E	4304733537	17123	Federal	GW	S	
WV 13W-18-8-22	18	080S	220E	4304733538	17123	Federal	GW	P	
WV 16G-9-8-21	09	080S	210E	4304733565	5265	Federal	OW	P	
WV 1W-21-8-21	21	080S	210E	4304733602	17123	Federal	GW	P	
WV 3W-13-8-21	13	080S	210E	4304733603	17123	Federal	GW	S	
WV 3W-22-8-21	22	080S	210E	4304733604	17123	Federal	GW	P	
WV 3W-24-8-21	24	080S	210E	4304733605	17123	Federal	GW	P	
WV 13W-14-8-21	14	080S	210E	4304733607	17123	Federal	GW	P	
WV 1W-24-8-21	24	080S	210E	4304733613	17123	Federal	GW	P	
WV 11W-18-8-22	18	080S	220E	4304733626	17123	Federal	GW	P	
WV 2W-10-8-21	10	080S	210E	4304733655	17123	Federal	GW	P	
WV 4W-11-8-21	11	080S	210E	4304733657	17123	Federal	GW	P	
WV 12W-10-8-21	10	080S	210E	4304733659	17123	Federal	GW	S	
WV 12G-10-8-21	10	080S	210E	4304733660	5265	Federal	OW	P	
WV 15W-9-8-21	09	080S	210E	4304733661	17123	Federal	GW	P	
WV 15G-9-8-21	09	080S	210E	4304733662	5265	Federal	OW	P	
WV 2W-13-8-21	13	080S	210E	4304733791	17123	Federal	GW	P	
WV 6W-13-8-21	13	080S	210E	4304733792	17123	Federal	GW	P	
WV 8W-13-8-21	13	080S	210E	4304733793	17123	Federal	GW	P	
WV 10W-1-8-21	01	080S	210E	4304733794	17123	Federal	GW	TA	
WV 10W-13-8-21	13	080S	210E	4304733795	17123	Federal	GW	P	
WV 12W-7-8-22	07	080S	220E	4304733808	17123	Federal	GW	P	
WV 6W-8-8-22	08	080S	220E	4304733811	17123	Federal	GW	P	
WV 7W-8-8-22	08	080S	220E	4304733812	17123	Federal	GW	P	
WV 10W-7-8-22	07	080S	220E	4304733813	17123	Federal	GW	P	
WV 12W-8-8-22	08	080S	220E	4304733815	17123	Federal	GW	P	
WV 14W-7-8-22	07	080S	220E	4304733816	17123	Federal	GW	P	
WV 16W-7-8-22	07	080S	220E	4304733817	17123	Federal	GW	P	
WV 6W-7-8-22	07	080S	220E	4304733828	17123	Federal	GW	P	
WV 6W-18-8-22	18	080S	220E	4304733842	17123	Federal	GW	P	
WV 6WC-18-8-22	18	080S	220E	4304733843	17123	Federal	GW	P	
WV 6WD-18-8-22	18	080S	220E	4304733844	17123	Federal	GW	P	
WV 5W-23-8-21	23	080S	210E	4304733860	17123	Federal	GW	P	
WV 7W-23-8-21	23	080S	210E	4304733861	17123	Federal	GW	P	
WV 8W-12-8-21	12	080S	210E	4304733862	17123	Federal	GW	P	
WV 10W-12-8-21	12	080S	210E	4304733863	17123	Federal	GW	P	
WV 14W-12-8-21	12	080S	210E	4304733864	17123	Federal	GW	P	
WV 16W-12-8-21	12	080S	210E	4304733865	17123	Federal	GW	P	
WV 1W-15-8-21	15	080S	210E	4304733902	17123	Federal	GW	S	
WV 1W-22-8-21	22	080S	210E	4304733903	17123	Federal	GW	S	
WV 1W-23-8-21	23	080S	210E	4304733904	17123	Federal	GW	P	
WV 6W-11-8-21	11	080S	210E	4304733906	17123	Federal	GW	P	
WV 7W-24-8-21	24	080S	210E	4304733908	17123	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
WONSITS VALLEY  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WV 10W-11-8-21	11	080S	210E	4304733910	17123	Federal	GW	P	
WV 11W-15-8-21	15	080S	210E	4304733911	17123	Federal	GW	P	
WV 13W-11-8-21	11	080S	210E	4304733913	17123	Federal	GW	S	
WV 13W-15-8-21	15	080S	210E	4304733914	17123	Federal	GW	P	
WV 15W-10-8-21	10	080S	210E	4304733916	17123	Federal	GW	P	
WV 15W-15-8-21	15	080S	210E	4304733917	17123	Federal	GW	P	
WV 5W-14-8-21	14	080S	210E	4304733953	17123	Federal	GW	P	
WV 7W-14-8-21	14	080S	210E	4304733955	17123	Federal	GW	P	
WV 8W-11-8-21	11	080S	210E	4304733957	17123	Federal	GW	S	
WV 8W-14-8-21	14	080S	210E	4304733958	17123	Federal	GW	P	
WV 9W-15-8-21	15	080S	210E	4304733959	17123	Federal	GW	P	
WV 12W-13-8-21	13	080S	210E	4304733961	17123	Federal	GW	P	
WV 14W-13-8-21	13	080S	210E	4304733962	17123	Federal	GW	P	
WV 15W-14-8-21	14	080S	210E	4304733963	17123	Federal	GW	P	
WV 2W-18-8-22	18	080S	220E	4304733986	17123	Federal	GW	P	
WV 8W-18-8-22	18	080S	220E	4304733989	17123	Federal	GW	P	
WV 10W-18-8-22	18	080S	220E	4304733991	17123	Federal	GW	P	
WV 12W-18-8-22	18	080S	220E	4304733993	17123	Federal	GW	S	
WV 14W-18-8-22	18	080S	220E	4304733995	17123	Federal	GW	P	
WV 8W-1-8-21	01	080S	210E	4304734009	17123	Federal	GW	OPS	C
WV 4W-17-8-22	17	080S	220E	4304734038	17123	Federal	GW	P	
WV 12G-1-8-21	01	080S	210E	4304734108	5265	Federal	OW	TA	
WV 2W-14-8-21	14	080S	210E	4304734140	17123	Federal	GW	P	
GH 2W-21-8-21	21	080S	210E	4304734141	17123	Federal	GW	P	
WV 2W-23-8-21	23	080S	210E	4304734142	17123	Federal	GW	P	
WV 3W-21-8-21	21	080S	210E	4304734143	17123	Federal	GW	P	
WV 4W-13-8-21	13	080S	210E	4304734144	17123	Federal	GW	P	
WV 4W-21-8-21	21	080S	210E	4304734145	17123	Federal	GW	P	
WV 4W-22-8-21	22	080S	210E	4304734146	17123	Federal	GW	P	
WV 16W-11-8-21	11	080S	210E	4304734155	5265	Federal	GW	P	
WV 3W-19-8-22	19	080S	220E	4304734187	17123	Federal	GW	P	
WV 4W-23-8-21	23	080S	210E	4304734188	17123	Federal	GW	P	
WV 6W-23-8-21	23	080S	210E	4304734189	17123	Federal	GW	S	
WV 2W-15-8-21	15	080S	210E	4304734242	17123	Federal	GW	P	
WV 2W-22-8-21	22	080S	210E	4304734243	17123	Federal	GW	P	
WV 4W-14-8-21	14	080S	210E	4304734244	17123	Federal	GW	S	
WV 6W-12-8-21	12	080S	210E	4304734245	5265	Federal	GW	TA	
WV 7W-15-8-21	15	080S	210E	4304734246	17123	Federal	GW	P	
WV 8W-15-8-21	15	080S	210E	4304734247	17123	Federal	GW	P	
WV 12W-12-8-21	12	080S	210E	4304734248	17123	Federal	GW	TA	
WV 14W-15-8-21	15	080S	210E	4304734249	17123	Federal	GW	P	
WV 16W-10-8-21	10	080S	210E	4304734250	17123	Federal	GW	P	
WV 16W-15-8-21	15	080S	210E	4304734251	17123	Federal	GW	P	
WV 3W-12-8-21	12	080S	210E	4304734267	17123	Federal	GW	OPS	C
WV 4D-12-8-21	12	080S	210E	4304734268	17123	Federal	GW	OPS	C
WV 6W-14-8-21	14	080S	210E	4304734271	17123	Federal	GW	S	
WV 9W-11-8-21	11	080S	210E	4304734274	17123	Federal	GW	OPS	C
WV 10W-14-8-21	14	080S	210E	4304734275	17123	Federal	GW	P	
WV 11W-14-8-21	14	080S	210E	4304734277	17123	Federal	GW	P	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
WONSITS VALLEY  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WV 12W-14-8-21	14	080S	210E	4304734279	17123	Federal	GW	TA	
WV 14M-11-8-21	11	080S	210E	4304734280	17123	Federal	GW	P	
WV 14W-14-8-21	14	080S	210E	4304734281	17123	Federal	GW	S	
WV 16G-14-8-21	14	080S	210E	4304734283	5265	Federal	OW	P	
WV 3MU-15-8-21	15	080S	210E	4304734289	17123	Federal	GW	P	
WV 4MU-15-8-21	15	080S	210E	4304734291	17123	Federal	GW	P	
WV 5MU-15-8-21	15	080S	210E	4304734293	17123	Federal	GW	P	
WV 6W-15-8-21	15	080S	210E	4304734294	17123	Federal	GW	P	
WV 10W-15-8-21	15	080S	210E	4304734295	17123	Federal	GW	P	
WV 4W-24-8-21	24	080S	210E	4304734330	17123	Federal	GW	P	
WV 8M-23-8-21	23	080S	210E	4304734339	17123	Federal	GW	P	
WV 8W-24-8-21	24	080S	210E	4304734340	17123	Federal	GW	P	
WV 2W-8-8-22	08	080S	220E	4304734468	17123	Federal	GW	P	
WV 8W-7-8-22	07	080S	220E	4304734469	17123	Federal	GW	S	
WV 8W-22-8-21	22	080S	210E	4304734564	17123	Federal	GW	P	
WV 14MU-10-8-21	10	080S	210E	4304735879	17123	Federal	GW	P	
WV 13MU-10-8-21	10	080S	210E	4304736305	17123	Federal	GW	P	
WV 3D-13-8-21	13	080S	210E	4304737923	17123	Federal	GW	OPS	C
WV 14DML-12-8-21	12	080S	210E	4304737924	17123	Federal	GW	P	
WV 15AML-12-8-21	12	080S	210E	4304737925	17123	Federal	GW	OPS	C
WV 13DML-10-8-21	10	080S	210E	4304737926	17123	Federal	GW	P	
WV 4DML-15-8-21	15	080S	210E	4304737927	17123	Federal	GW	P	
WV 11AD-14-8-21	14	080S	210E	4304738049	17123	Federal	GW	P	
WV 6-24-8-21	24	080S	210E	4304738663	17123	Federal	GW	P	
WV 2ML-24-8-21	24	080S	210E	4304738664		Federal	GW	APD	C
WV 16C-14-8-21	14	080S	210E	4304738737	17123	Federal	GW	P	
WV 7BML-24-8-21	24	080S	210E	4304738970		Federal	GW	APD	C
WV 7AML-12-8-21	12	080S	210E	4304739035		Federal	GW	APD	C
WV 14BML-12-8-21	12	080S	210E	4304739036		Federal	GW	APD	C
WV 14B-13-8-21	13	080S	210E	4304739037		Federal	GW	APD	C
WV 4B-14-8-21	14	080S	210E	4304739038		Federal	GW	APD	C
WV 13A-15-8-21	15	080S	210E	4304739039	17123	Federal	GW	P	
WV 8D-15-8-21	15	080S	210E	4304739040	17123	Federal	GW	P	
WV 4BD-23-8-21	23	080S	210E	4304739041	17123	Federal	GW	P	
WV 7CML-11-8-21	11	080S	210E	4304739042		Federal	GW	APD	C
WV 7BD-23-8-21	23	080S	210E	4304739044	17123	Federal	GW	P	
WV 2CML-7-8-22	07	080S	220E	4304739155		Federal	GW	APD	C
WV 13AD-8-8-22R(RIGSKID)	08	080S	220E	4304739321	17123	Federal	GW	P	
WV 2B-22-8-21	22	080S	210E	4304740262		Federal	GW	APD	C
WV 8D-22-8-21	22	080S	210E	4304740263		Federal	GW	APD	C
WV 7A-24-8-21	24	080S	210E	4304740331		Federal	GW	APD	C



# 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 Bankert*

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 & MINERAL