

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

SUBMIT IN TRIPLICATE\*

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

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-80636

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
STIRRUP SOUTH # UTU-82151X

8. FARM OR LEASE NAME, WELL NO.  
SSU 14G-4-8-21

9. API WELL NO.  
43-047-38436

10. FIELD AND POOL, OR WILDCAT  
~~UNIT~~ Wmsits 710

11. SEC., T, R, M, OR BLK & SURVEY OR AREA  
SWSE, SECTION 4, T8S, R21E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UT

TYPE OF WORK  
DRILL  DEEPEN

TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
QEP Uinta Basin, Inc.

Contact: Jan Nelson  
E-Mail: jan.nelson@questar.com

3. ADDRESS  
11002 E. 17500 S. Vernal, Ut 84078

Telephone number  
Phone 435-781-4331 Fax 435-781-4323

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*)  
At Surface 686' FSL 2008' FWL, SWSE, SECTION 4, T8S, R21E  
At proposed production zone 1346' FNL 2090 FEL, SWNE, SECTION 4, T8S, R21E

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\*  
13 +/- miles west of Red Wash, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(also to nearest drig, unit line if any)  
686' +/-

16. NO. OF ACRES IN LEASE  
1922.36

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft

19. PROPOSED DEPTH  
5709' TVD'  
8849' MD

20. BLM/BIA Bond No. on file  
ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)  
4775.4' GR

22. DATE WORK WILL START  
ASAP

23. Estimated duration  
20 DAYS

24. Attachments

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

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

SIGNED Jan Nelson Name (Printed) Jan Nelson 3-Aug-06  
TITLE REGULATORY AFFAIRS

(This space for Federal or State office use)

PERMIT NO. 43-047-38436 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL IF ANY:  
APPROVED BY Bradley Hill TITLE BRADLEY G. HILL DATE 08-17-06  
ENVIRONMENTAL MANAGER  
\*See Instructions On Reverse Side

The 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 mater within its jurisdiction

622510X  
4445222  
40.147076  
-109.26013

BHU 622849 X  
4445222  
40.147076  
-109.26013

Federal Approval of this Action is Necessary

RECEIVED  
AUG 07 2006  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

August 16, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2006 Plan of Development Stirrup South Unit, Uintah  
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Stirrup South Unit, Uintah County, Utah

| API#         | WELL NAME   | LOCATION |
|--------------|---|----------|
|              | (Proposed PZ Green River)   |          |
| 43-047-38436 | SSU 14G-4-8-21 Sec 04 T08S R21E 0686 FSL 2008 FWL<br>Lateral 1 Sec 04 T08S R21E 1346 FNL 2090 FEL |          |
| 43-047-38415 | SSU 16G-4-8-21 Sec 04 T08S R21E 0664 FSL 0563 FEL<br>Lateral 1 Sec 03 T08S R21E 1501 FNL 2050 FWL |          |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Stirrup South Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:8-16-06

## **Additional Operator Remarks**

QEP Uinta Basin Inc. proposes to drill a Horizontal well to test the G1 Lime. 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 Drilling plans.

See attached Onshore No. 1

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

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

DRILLING PROGRAM

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

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

1. Formation Tops

The estimated tops of important geologic markers are as follows:

| <b>Formation</b> | <b>TVD Depth</b> | <b>MD Depth</b> |
|------------------|------------------|-----------------|
| Uinta            | Surface          | Surface         |
| Green River      | 2700'            | 2700'           |
| Kickoff Point    | 5117'            | 5117'           |
| G 1 Lime         | 5589'            | 5797'           |
| TD               | 5709'            | 8849'           |

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

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

| <b>Substance</b> | <b>Formation</b> | <b>TVD</b> | <b>MD</b> |
|------------------|------------------|------------|-----------|
| Oil/Gas          | G1 Lime          | 5709'      | 8849'     |

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

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

DRILLING PROGRAM

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

3. Operator's Specification for Pressure Control Equipment:

- A. 3000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, or 70% of the burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3 system and individual components shall be operable as designed.

4. Casing Program

|                      | <u>Depth</u> | <u>Hole Size</u> | <u>Csg Size</u> | <u>Type</u> | <u>Weight</u>       |
|----------------------|--------------|------------------|-----------------|-------------|---------------------|
| Surface              | 450'         | 12-1/4"          | 9-5/8"          | J-55        | 36 lb/ft (new) LT&C |
| Intermediate         | 5889'        | 8-3/4"           | 7"              | L-80        | 26 lb/ft (new) LT&C |
| Open Hole Completion |              |                  |                 |             |                     |

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 9.5 ppg.

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

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

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

DRILLING PROGRAM

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 4,500’ to TD  
 GR-SP-Induction  
 Neutron Density  
 MRI

C. Formation and Completion Interval: G1 Lime 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

| <u>Casing</u> | <u>Volume</u>                 | <u>Type &amp; Additives</u>  |
|---------------|-------------------------------|--|
| Surface       | 257 sx                        | Class “G” single slurry mixed to 15.6 ppg, yield = 1.19 ft <sup>3</sup> /sx, 100% excess. Fill to surface with 440 ft <sup>3</sup> (257sx) calculated. Tail plug used. Allow to set under pressure   |
| Intermediate  | Lead - 220 sx<br>Tail - 161sx | Lead/Tail oilfield type cement circulated in place. Tail slurry: Class “G” + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 ft <sup>3</sup> /sx, 20% excess. Fill to surface.<br><br>Cement Characteristics:<br>Lead slurry: Class “G” + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 ft <sup>3</sup> /sx, 20% excess in open hole. Fill to surface. Tail plug used. Allow to set under pressure. |

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S 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 2476.0 psi. Maximum anticipated bottom hole temperature is 140° F.

**EXHIBIT A**  
SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK

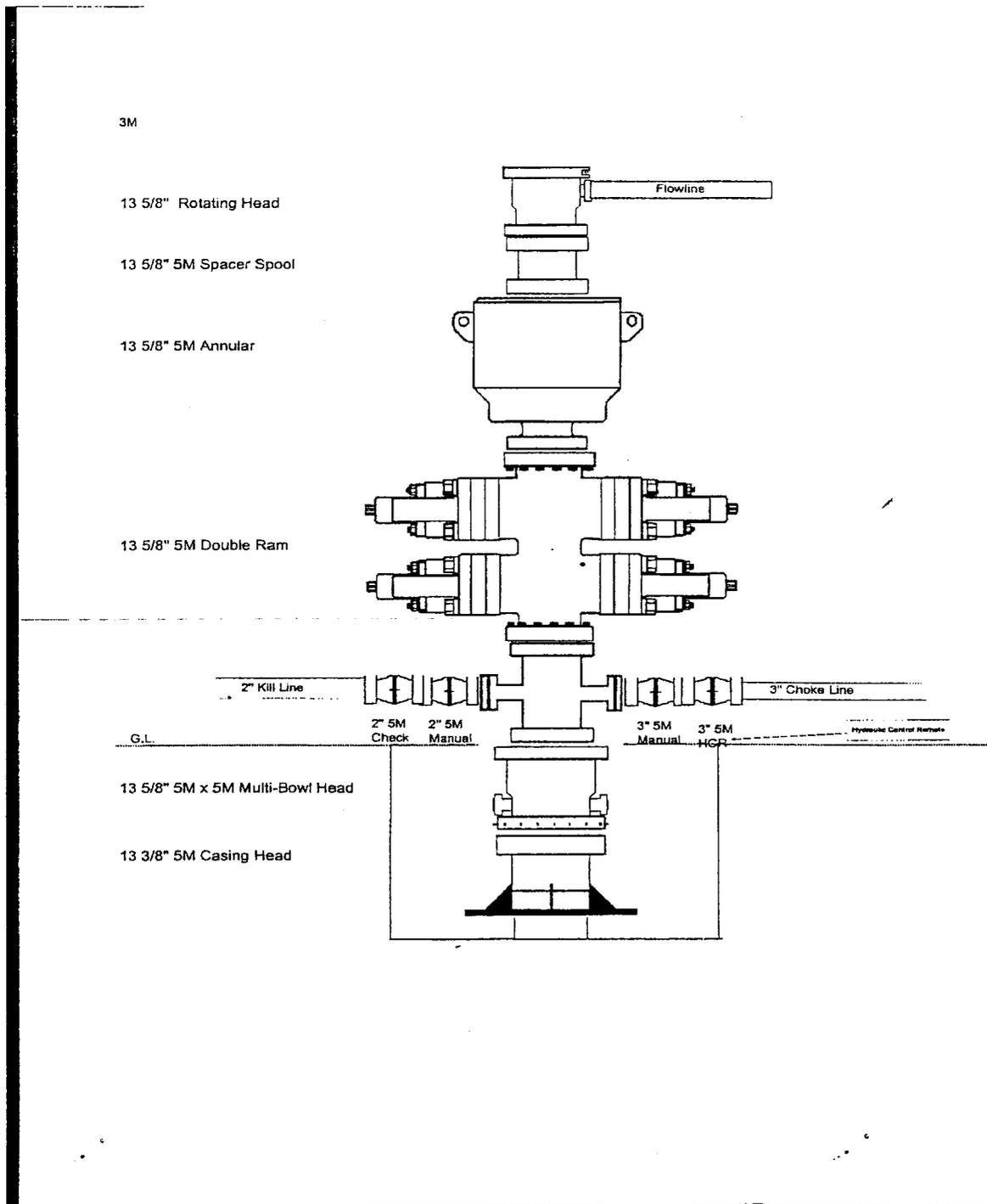
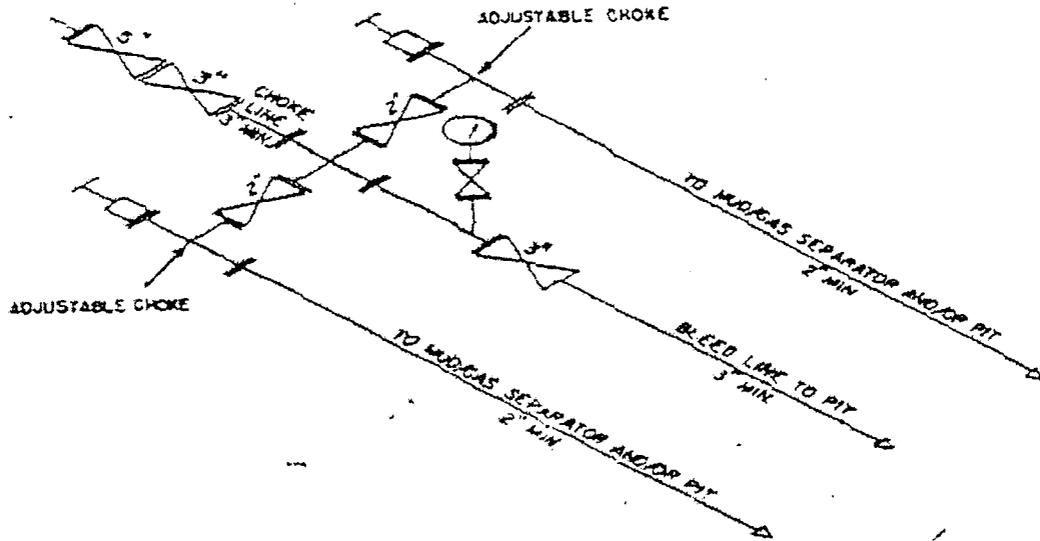


EXHIBIT A CONTINUED

46812 Federal Register / Vol. 53, No. 223 / Friday, November 18, 1988 / Rules and Regulations



① 3M CHOKING MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

WELL DETAILS: SSU #14G-4-8-21

|       |       |             |               |            |          |                  |           |
|-------|-------|-------------|---------------|------------|----------|------------------|-----------|
| +N/-S | +E/-W | Northing    | Ground Level: | 4772.0     |          |                  |           |
| 0.0   | 0.0   | 14583521.77 | Easting       | 2042155.57 | Latitude | 40° 8' 49.290 N  | Longitude |
|       |       |             |               |            |          | 09° 33' 44.701 W | Slot      |

ANNOTATIONS

| TVD    | MD     | Annotation                     |
|--------|--------|--------------------------------|
| 5117.3 | 5117.3 | Start Build 12.00              |
| 5594.4 | 5849.0 | Start 3000.0 hold at 5849.0 MD |
| 5709.6 | 8849.0 | TD at 8849.0                   |

CASING DETAILS

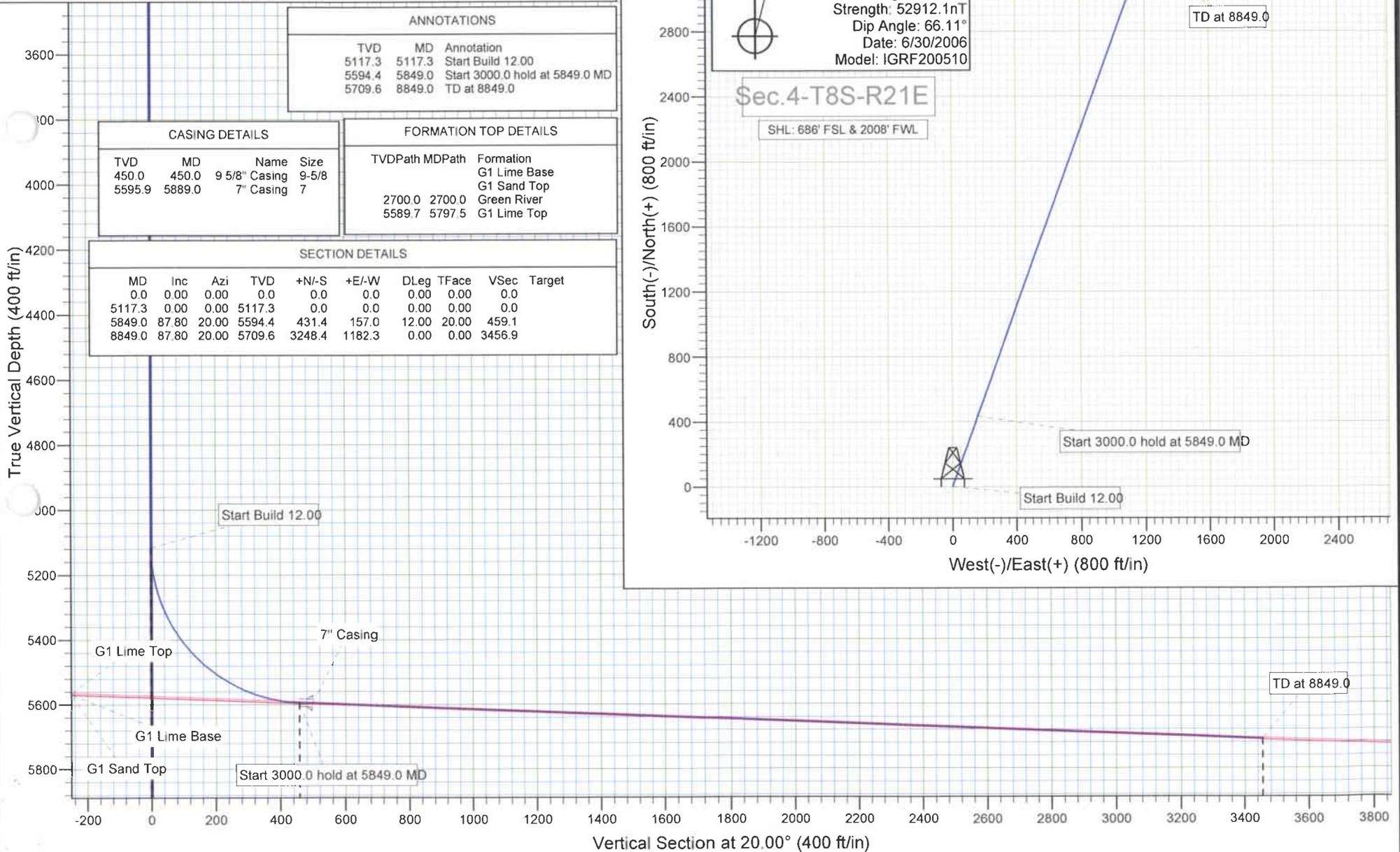
| TVD    | MD     | Name          | Size  |
|--------|--------|---------------|-------|
| 450.0  | 450.0  | 9 5/8" Casing | 9-5/8 |
| 5595.9 | 5889.0 | 7" Casing     | 7     |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation    |
|---------|--------|--------------|
| 2700.0  | 2700.0 | G1 Lime Base |
| 5589.7  | 5797.5 | G1 Sand Top  |
|         |        | Green River  |
|         |        | G1 Lime Top  |

SECTION DETAILS

| MD     | Inc   | Azi   | TVD    | +N/-S  | +E/-W  | DLeg  | TFace | VSec   | Target |
|--------|-------|-------|--------|--------|--------|-------|-------|--------|--------|
| 0.0    | 0.00  | 0.00  | 0.0    | 0.0    | 0.0    | 0.00  | 0.00  | 0.0    |        |
| 5117.3 | 0.00  | 0.00  | 5117.3 | 0.0    | 0.0    | 0.00  | 0.00  | 0.0    |        |
| 5849.0 | 87.80 | 20.00 | 5594.4 | 431.4  | 157.0  | 12.00 | 20.00 | 459.1  |        |
| 8849.0 | 87.80 | 20.00 | 5709.6 | 3248.4 | 1182.3 | 0.00  | 0.00  | 3456.9 |        |



# **Questar Exploration & Production**

**Stirrup South Unit\_1  
SESW Sec.4-T8S-R21E  
SSU #14G-4-8-21  
Wellbore #1**

**Plan: Plan #1**

## **Pathfinder Planning Report**

**30 June, 2006**

**Pathfinder Energy Services**  
**Planning Report**

|           |                                  |                              |                                      |
|-----------|----------------------------------|------------------------------|--------------------------------------|
| Database: | EDM 2003.14 Single User Db       | Local Co-ordinate Reference: | Site SESW Sec.4-T8S-R21E             |
| Company:  | Questar Exploration & Production | TVD Reference:               | WELL @ 4784.0ft (Original Well Elev) |
| Project:  | Stirrup South Unit_1             | MD Reference:                | WELL @ 4784.0ft (Original Well Elev) |
| Site:     | SESW Sec.4-T8S-R21E              | North Reference:             | True                                 |
| Well:     | SSU #14G-4-8-21                  | Survey Calculation Method:   | Minimum Curvature                    |
| Wellbore: | Wellbore #1                      |                              |                                      |
| Design:   | Plan #1                          |                              |                                      |

|             |  |               |                |
|-------------|--|---------------|----------------|
| Project     | Stirrup South Unit_1, NAD 83                   |               |                |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum:  | NAD83 Utah - HARN                              |               |                |
| Map Zone:   | Zone 12N (114 W to 108 W)                      |               |                |

|                       |                     |              |                  |                   |                   |
|-----------------------|---------------------|--------------|------------------|-------------------|-------------------|
| Site                  | SESW Sec.4-T8S-R21E |              |                  |                   |                   |
| Site Position:        |                     | Northing:    | 14,583,521.77 ft | Latitude:         | 40° 8' 49.290 N   |
| From:                 | Lat/Long            | Easting:     | 2,042,155.57 ft  | Longitude:        | 109° 33' 44.701 W |
| Position Uncertainty: | 0.0 ft              | Slot Radius: | "                | Grid Convergence: | 0.93 °            |

|                      |                 |        |                     |                  |               |                   |
|----------------------|-----------------|--------|---------------------|------------------|---------------|-------------------|
| Well                 | SSU #14G-4-8-21 |        |                     |                  |               |                   |
| Well Position        | +N/-S           | 0.0 ft | Northing:           | 14,583,521.77 ft | Latitude:     | 40° 8' 49.290 N   |
|                      | +E/-W           | 0.0 ft | Easting:            | 2,042,155.57 ft  | Longitude:    | 109° 33' 44.701 W |
| Position Uncertainty |                 | 0.0 ft | Wellhead Elevation: | ft               | Ground Level: | 4,772.0 ft        |

|           |             |             |                 |               |                     |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | Wellbore #1 |             |                 |               |                     |
| Magnetics | Model Name  | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | IGRF200510  | 6/30/2006   | 11.75           | 66.11         | 52,912              |

|                   |                       |            |               |               |  |
|-------------------|-----------------------|------------|---------------|---------------|--|
| Design            | Plan #1               |            |               |               |  |
| Audit Notes:      |                       |            |               |               |  |
| Version:          | Phase:                | PROTOTYPE  | Tie On Depth: | 0.0           |  |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft)    | Direction (°) |  |
|                   | 0.0                   | 0.0        | 0.0           | 20.00         |  |

| Plan Sections       |                 |             |                     |            |            |                       |                      |                     |         |        |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|--------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.0                 | 0.00            | 0.00        | 0.0                 | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |        |
| 5,117.3             | 0.00            | 0.00        | 5,117.3             | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |        |
| 5,849.0             | 87.80           | 20.00       | 5,594.4             | 431.4      | 157.0      | 12.00                 | 12.00                | 0.00                | 20.00   |        |
| 8,849.0             | 87.80           | 20.00       | 5,709.6             | 3,248.4    | 1,182.3    | 0.00                  | 0.00                 | 0.00                | 0.00    |        |

# Pathfinder Energy Services

## Planning Report

|                  |                                  |                                     |                                      |
|------------------|----------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 2003.14 Single User Db       | <b>Local Co-ordinate Reference:</b> | Site SESW Sec 4-T8S-R21E             |
| <b>Company:</b>  | Questar Exploration & Production | <b>TVD Reference:</b>               | WELL @ 4784.0ft (Original Well Elev) |
| <b>Project:</b>  | Stirrup South Unit_1             | <b>MD Reference:</b>                | WELL @ 4784.0ft (Original Well Elev) |
| <b>Site:</b>     | SESW Sec 4-T8S-R21E              | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | SSU #14G-4-8-21                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                      |                                     |                                      |
| <b>Design:</b>   | Plan #1                          |                                     |                                      |

### Planned Survey

| Measured<br>Depth<br>(ft)             | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(ft) | +N/-S<br>(ft) | +E/-W<br>(ft) | Vertical<br>Section<br>(ft) | Dogleg<br>Rate<br>(°/100ft) | Build<br>Rate<br>(°/100ft) | Turn<br>Rate<br>(°/100ft) |
|---------------------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 4,900.0                               | 0.00               | 0.00           | 4,900.0                   | 0.0           | 0.0           | 0.0                         | 0.00                        | 0.00                       | 0.00                      |
| 5,000.0                               | 0.00               | 0.00           | 5,000.0                   | 0.0           | 0.0           | 0.0                         | 0.00                        | 0.00                       | 0.00                      |
| 5,100.0                               | 0.00               | 0.00           | 5,100.0                   | 0.0           | 0.0           | 0.0                         | 0.00                        | 0.00                       | 0.00                      |
| <b>Start Build 12.00</b>              |                    |                |                           |               |               |                             |                             |                            |                           |
| 5,117.3                               | 0.00               | 0.00           | 5,117.3                   | 0.0           | 0.0           | 0.0                         | 0.00                        | 0.00                       | 0.00                      |
| 5,125.0                               | 0.92               | 20.00          | 5,125.0                   | 0.1           | 0.0           | 0.1                         | 12.00                       | 12.00                      | 0.00                      |
| 5,150.0                               | 3.92               | 20.00          | 5,150.0                   | 1.1           | 0.4           | 1.1                         | 12.00                       | 12.00                      | 0.00                      |
| 5,175.0                               | 6.92               | 20.00          | 5,174.9                   | 3.3           | 1.2           | 3.5                         | 12.00                       | 12.00                      | 0.00                      |
| 5,200.0                               | 9.92               | 20.00          | 5,199.6                   | 6.7           | 2.4           | 7.1                         | 12.00                       | 12.00                      | 0.00                      |
| 5,225.0                               | 12.92              | 20.00          | 5,224.1                   | 11.4          | 4.1           | 12.1                        | 12.00                       | 12.00                      | 0.00                      |
| 5,250.0                               | 15.92              | 20.00          | 5,248.3                   | 17.2          | 6.3           | 18.3                        | 12.00                       | 12.00                      | 0.00                      |
| 5,275.0                               | 18.92              | 20.00          | 5,272.1                   | 24.3          | 8.8           | 25.8                        | 12.00                       | 12.00                      | 0.00                      |
| 5,300.0                               | 21.92              | 20.00          | 5,295.6                   | 32.4          | 11.8          | 34.5                        | 12.00                       | 12.00                      | 0.00                      |
| 5,325.0                               | 24.92              | 20.00          | 5,318.5                   | 41.8          | 15.2          | 44.5                        | 12.00                       | 12.00                      | 0.00                      |
| 5,350.0                               | 27.92              | 20.00          | 5,340.9                   | 52.2          | 19.0          | 55.6                        | 12.00                       | 12.00                      | 0.00                      |
| 5,375.0                               | 30.92              | 20.00          | 5,362.7                   | 63.8          | 23.2          | 67.9                        | 12.00                       | 12.00                      | 0.00                      |
| 5,400.0                               | 33.92              | 20.00          | 5,383.8                   | 76.4          | 27.8          | 81.3                        | 12.00                       | 12.00                      | 0.00                      |
| 5,425.0                               | 36.92              | 20.00          | 5,404.1                   | 90.0          | 32.8          | 95.8                        | 12.00                       | 12.00                      | 0.00                      |
| 5,450.0                               | 39.92              | 20.00          | 5,423.7                   | 104.6         | 38.1          | 111.3                       | 12.00                       | 12.00                      | 0.00                      |
| 5,475.0                               | 42.92              | 20.00          | 5,442.5                   | 120.1         | 43.7          | 127.8                       | 12.00                       | 12.00                      | 0.00                      |
| 5,500.0                               | 45.92              | 20.00          | 5,460.3                   | 136.6         | 49.7          | 145.3                       | 12.00                       | 12.00                      | 0.00                      |
| 5,525.0                               | 48.92              | 20.00          | 5,477.2                   | 153.9         | 56.0          | 163.7                       | 12.00                       | 12.00                      | 0.00                      |
| 5,550.0                               | 51.92              | 20.00          | 5,493.2                   | 172.0         | 62.6          | 183.0                       | 12.00                       | 12.00                      | 0.00                      |
| 5,575.0                               | 54.92              | 20.00          | 5,508.1                   | 190.8         | 69.5          | 203.1                       | 12.00                       | 12.00                      | 0.00                      |
| 5,600.0                               | 57.92              | 20.00          | 5,521.9                   | 210.4         | 76.6          | 223.9                       | 12.00                       | 12.00                      | 0.00                      |
| 5,625.0                               | 60.92              | 20.00          | 5,534.6                   | 230.6         | 83.9          | 245.4                       | 12.00                       | 12.00                      | 0.00                      |
| 5,650.0                               | 63.92              | 20.00          | 5,546.2                   | 251.5         | 91.5          | 267.6                       | 12.00                       | 12.00                      | 0.00                      |
| 5,675.0                               | 66.92              | 20.00          | 5,556.6                   | 272.8         | 99.3          | 290.3                       | 12.00                       | 12.00                      | 0.00                      |
| 5,700.0                               | 69.92              | 20.00          | 5,565.8                   | 294.7         | 107.2         | 313.6                       | 12.00                       | 12.00                      | 0.00                      |
| 5,725.0                               | 72.92              | 20.00          | 5,573.7                   | 316.9         | 115.4         | 337.3                       | 12.00                       | 12.00                      | 0.00                      |
| 5,750.0                               | 75.92              | 20.00          | 5,580.4                   | 339.5         | 123.6         | 361.3                       | 12.00                       | 12.00                      | 0.00                      |
| 5,775.0                               | 78.92              | 20.00          | 5,585.9                   | 362.5         | 131.9         | 385.7                       | 12.00                       | 12.00                      | 0.00                      |
| <b>G1 Lime Top</b>                    |                    |                |                           |               |               |                             |                             |                            |                           |
| 5,797.5                               | 81.62              | 20.00          | 5,589.7                   | 383.3         | 139.5         | 407.9                       | 12.00                       | 12.00                      | 0.00                      |
| 5,800.0                               | 81.92              | 20.00          | 5,590.0                   | 385.6         | 140.4         | 410.4                       | 12.00                       | 12.00                      | 0.00                      |
| 5,825.0                               | 84.92              | 20.00          | 5,592.9                   | 409.0         | 148.9         | 435.2                       | 12.00                       | 12.00                      | 0.00                      |
| <b>Start 3000.0 hold at 5849.0 MD</b> |                    |                |                           |               |               |                             |                             |                            |                           |
| 5,849.0                               | 87.80              | 20.00          | 5,594.4                   | 431.4         | 157.0         | 459.1                       | 12.00                       | 12.00                      | 0.00                      |
| <b>7" Casing</b>                      |                    |                |                           |               |               |                             |                             |                            |                           |
| 5,889.0                               | 87.80              | 20.00          | 5,595.9                   | 469.0         | 170.7         | 499.1                       | 0.00                        | 0.00                       | 0.00                      |
| 5,900.0                               | 87.80              | 20.00          | 5,596.4                   | 479.4         | 174.5         | 510.1                       | 0.00                        | 0.00                       | 0.00                      |
| 6,000.0                               | 87.80              | 20.00          | 5,600.2                   | 573.3         | 208.7         | 610.1                       | 0.00                        | 0.00                       | 0.00                      |
| 6,100.0                               | 87.80              | 20.00          | 5,604.0                   | 667.2         | 242.8         | 710.0                       | 0.00                        | 0.00                       | 0.00                      |
| 6,200.0                               | 87.80              | 20.00          | 5,607.9                   | 761.1         | 277.0         | 809.9                       | 0.00                        | 0.00                       | 0.00                      |
| 6,300.0                               | 87.80              | 20.00          | 5,611.7                   | 855.0         | 311.2         | 909.8                       | 0.00                        | 0.00                       | 0.00                      |
| 6,400.0                               | 87.80              | 20.00          | 5,615.6                   | 948.9         | 345.4         | 1,009.8                     | 0.00                        | 0.00                       | 0.00                      |
| 6,500.0                               | 87.80              | 20.00          | 5,619.4                   | 1,042.8       | 379.5         | 1,109.7                     | 0.00                        | 0.00                       | 0.00                      |
| 6,600.0                               | 87.80              | 20.00          | 5,623.2                   | 1,136.7       | 413.7         | 1,209.6                     | 0.00                        | 0.00                       | 0.00                      |
| 6,700.0                               | 87.80              | 20.00          | 5,627.1                   | 1,230.6       | 447.9         | 1,309.5                     | 0.00                        | 0.00                       | 0.00                      |
| 6,800.0                               | 87.80              | 20.00          | 5,630.9                   | 1,324.5       | 482.1         | 1,409.5                     | 0.00                        | 0.00                       | 0.00                      |
| 6,900.0                               | 87.80              | 20.00          | 5,634.8                   | 1,418.4       | 516.2         | 1,509.4                     | 0.00                        | 0.00                       | 0.00                      |
| 7,000.0                               | 87.80              | 20.00          | 5,638.6                   | 1,512.3       | 550.4         | 1,609.3                     | 0.00                        | 0.00                       | 0.00                      |
| 7,100.0                               | 87.80              | 20.00          | 5,642.4                   | 1,606.2       | 584.6         | 1,709.2                     | 0.00                        | 0.00                       | 0.00                      |

## Pathfinder Energy Services Planning Report

|   |   |
|---|---|
| Database: EDM 2003.14 Single User Db      | Local Co-ordinate Reference: Site SESW Sec.4-T8S-R21E |
| Company: Questar Exploration & Production | TVD Reference: WELL @ 4784.0ft (Original Well Elev)   |
| Project: Stirrup South Unit_1             | MD Reference: WELL @ 4784.0ft (Original Well Elev)    |
| Site: SESW Sec.4-T8S-R21E                 | North Reference: True                                 |
| Well: SSU #14G-4-8-21                     | Survey Calculation Method: Minimum Curvature          |
| Wellbore: Wellbore #1                     |   |
| Design: Plan #1                           |   |

### Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 7,200.0             | 87.80           | 20.00       | 5,646.3             | 1,700.1    | 618.8      | 1,809.2               | 0.00                  | 0.00                 | 0.00                |
| 7,300.0             | 87.80           | 20.00       | 5,650.1             | 1,794.0    | 653.0      | 1,909.1               | 0.00                  | 0.00                 | 0.00                |
| 7,400.0             | 87.80           | 20.00       | 5,654.0             | 1,887.9    | 687.1      | 2,009.0               | 0.00                  | 0.00                 | 0.00                |
| 7,500.0             | 87.80           | 20.00       | 5,657.8             | 1,981.8    | 721.3      | 2,109.0               | 0.00                  | 0.00                 | 0.00                |
| 7,600.0             | 87.80           | 20.00       | 5,661.6             | 2,075.7    | 755.5      | 2,208.9               | 0.00                  | 0.00                 | 0.00                |
| 7,700.0             | 87.80           | 20.00       | 5,665.5             | 2,169.6    | 789.7      | 2,308.8               | 0.00                  | 0.00                 | 0.00                |
| 7,800.0             | 87.80           | 20.00       | 5,669.3             | 2,263.5    | 823.8      | 2,408.7               | 0.00                  | 0.00                 | 0.00                |
| 7,900.0             | 87.80           | 20.00       | 5,673.1             | 2,357.4    | 858.0      | 2,508.7               | 0.00                  | 0.00                 | 0.00                |
| 8,000.0             | 87.80           | 20.00       | 5,677.0             | 2,451.3    | 892.2      | 2,608.6               | 0.00                  | 0.00                 | 0.00                |
| 8,100.0             | 87.80           | 20.00       | 5,680.8             | 2,545.2    | 926.4      | 2,708.5               | 0.00                  | 0.00                 | 0.00                |
| 8,200.0             | 87.80           | 20.00       | 5,684.7             | 2,639.1    | 960.5      | 2,808.4               | 0.00                  | 0.00                 | 0.00                |
| 8,300.0             | 87.80           | 20.00       | 5,688.5             | 2,733.0    | 994.7      | 2,908.4               | 0.00                  | 0.00                 | 0.00                |
| 8,400.0             | 87.80           | 20.00       | 5,692.3             | 2,826.9    | 1,028.9    | 3,008.3               | 0.00                  | 0.00                 | 0.00                |
| 8,500.0             | 87.80           | 20.00       | 5,696.2             | 2,920.8    | 1,063.1    | 3,108.2               | 0.00                  | 0.00                 | 0.00                |
| 8,600.0             | 87.80           | 20.00       | 5,700.0             | 3,014.7    | 1,097.2    | 3,208.1               | 0.00                  | 0.00                 | 0.00                |
| 8,700.0             | 87.80           | 20.00       | 5,703.9             | 3,108.6    | 1,131.4    | 3,308.1               | 0.00                  | 0.00                 | 0.00                |
| 8,800.0             | 87.80           | 20.00       | 5,707.7             | 3,202.5    | 1,165.6    | 3,408.0               | 0.00                  | 0.00                 | 0.00                |
| <b>TD at 8849.0</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 8,849.0             | 87.80           | 20.00       | 5,709.6             | 3,248.4    | 1,182.3    | 3,456.9               | 0.00                  | 0.00                 | 0.00                |

### Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name          | Casing Diameter (") | Hole Diameter (") |
|---------------------|---------------------|---------------|---------------------|-------------------|
| 450.0               | 450.0               | 9 5/8" Casing | 9-5/8               | 12-1/4            |
| 5,889.0             | 5,595.9             | 7" Casing     | 7                   | 8-3/4             |

### Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name         | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|--------------|-----------|---------|-------------------|
| 2,700.0             | 2,700.0             | Green River  |           | 2.20    | 20.00             |
| 5,797.5             | 5,574.0             | G1 Lime Top  |           | 2.20    | 20.00             |
|                     | 5,579.0             | G1 Lime Base |           | 2.20    | 20.00             |
|                     | 5,581.0             | G1 Sand Top  |           | 2.20    | 20.00             |

### Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            | Comment                        |
|---------------------|---------------------|-------------------|------------|--------------------------------|
|                     |                     | +N/-S (ft)        | +E/-W (ft) |                                |
| 5,117.3             | 5,117.3             | 0.0               | 0.0        | Start Build 12.00              |
| 5,849.0             | 5,594.4             | 431.4             | 157.0      | Start 3000.0 hold at 5849.0 MD |
| 8,849.0             | 5,709.6             | 3,248.4           | 1,182.3    | TD at 8849.0                   |

**QEP UINTA BASIN, INC.**  
**SSU 14G-4-8-21**  
**686' FSL 2008' FWL, SECTION 4, T8S, R21E (SURFACE LOCATION)**  
**1346' FNL 2090' FEL SWNE, SECTION 4, T8S, R21E (BOTTOM HOLE LOCATION)**

**UINTAH COUNTY, UTAH**  
**LEASE UTU-80636**

**ONSHORE ORDER NO. 1**

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the SSU 14G-4-8-21 on July 20, 2006. Weather conditions were hot at the time of the onsite. In attendance at the inspection were the following individuals:

|               |                           |
|---------------|---------------------------|
| Paul Buhler   | Bureau of Land Management |
| Dixie Sadlier | Bureau of Land Management |
| Jan Nelson    | QEP Uinta Basin Inc.      |

**1. Existing Roads:**

The proposed well site is approximately 13 miles west of Red Wash, Utah.

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

There will be no improvements made to existing access roads.

**2. Planned Access Roads:**

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

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

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

Please refer to Topo Map C.

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

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

*Product will be contained in tanks and transported from location.*

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

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

**6. Source of Construction Materials:**

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

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

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

8. **Ancillary Facilities:**

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

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

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

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

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 Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.  
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:  
9 lbs Hycrest Crested Wheatgrass  
3 lbs Forage Kochia

Final Reclamation:  
Seed Mix # 5 4 lbs. Shadscale, 4 lbs. Hycrest Crested Wheat Grass, 4 lbs. Gardner Saltbush

11. **Surface Ownership:**

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

Bureau of Land Management  
170 S. 500 E.  
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. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

There is a Burrowing Owl Stipulation from April 1st to August 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

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

Jan Nelson  
Red Wash Rep.  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4331

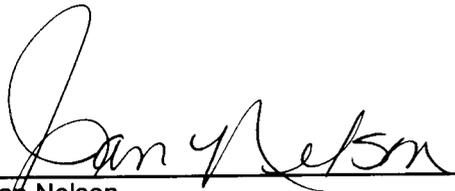
**Certification:**

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

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

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

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

  
\_\_\_\_\_  
Jan Nelson  
Red Wash Representative

3-Aug-06  
\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

## SSU #14G-4-8-21

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 4, T8S, R21E, S.L.B.&M.

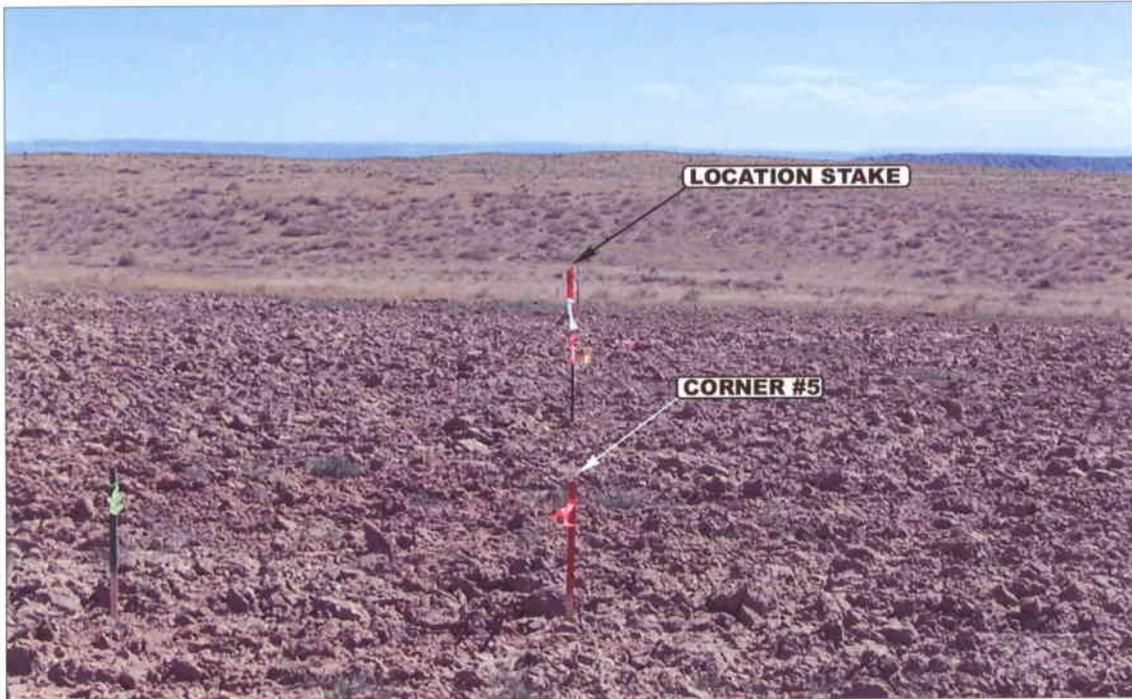


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

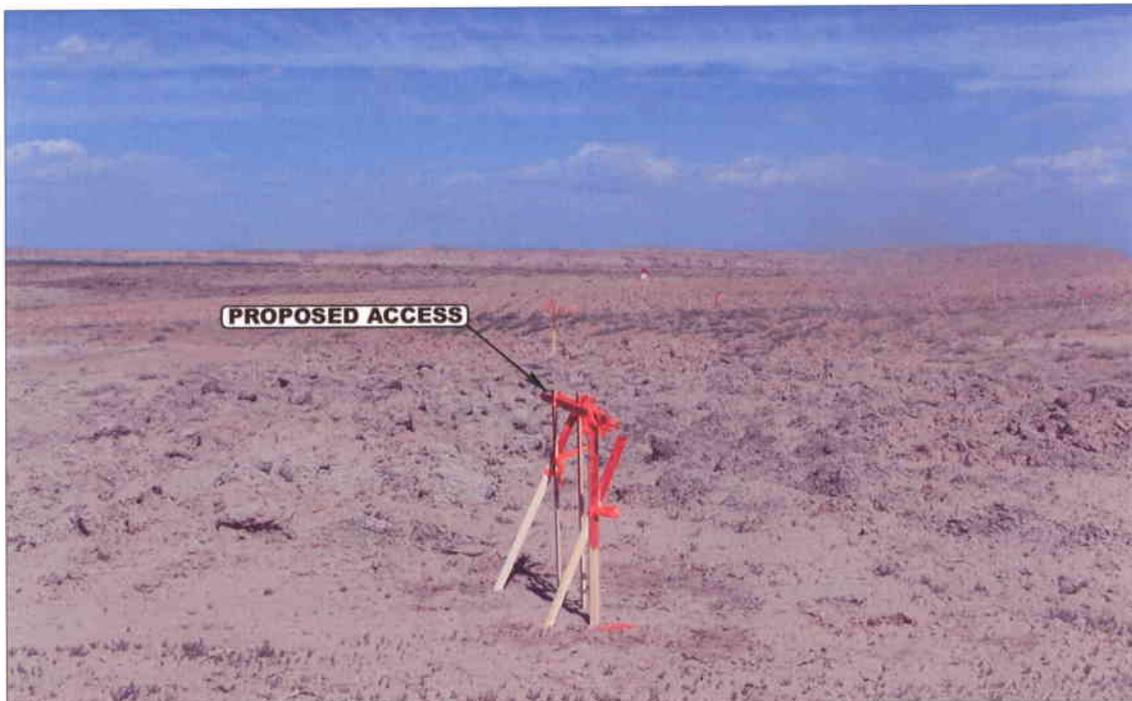


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

06 16 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: L.K.

REVISED: 00-00-00



QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

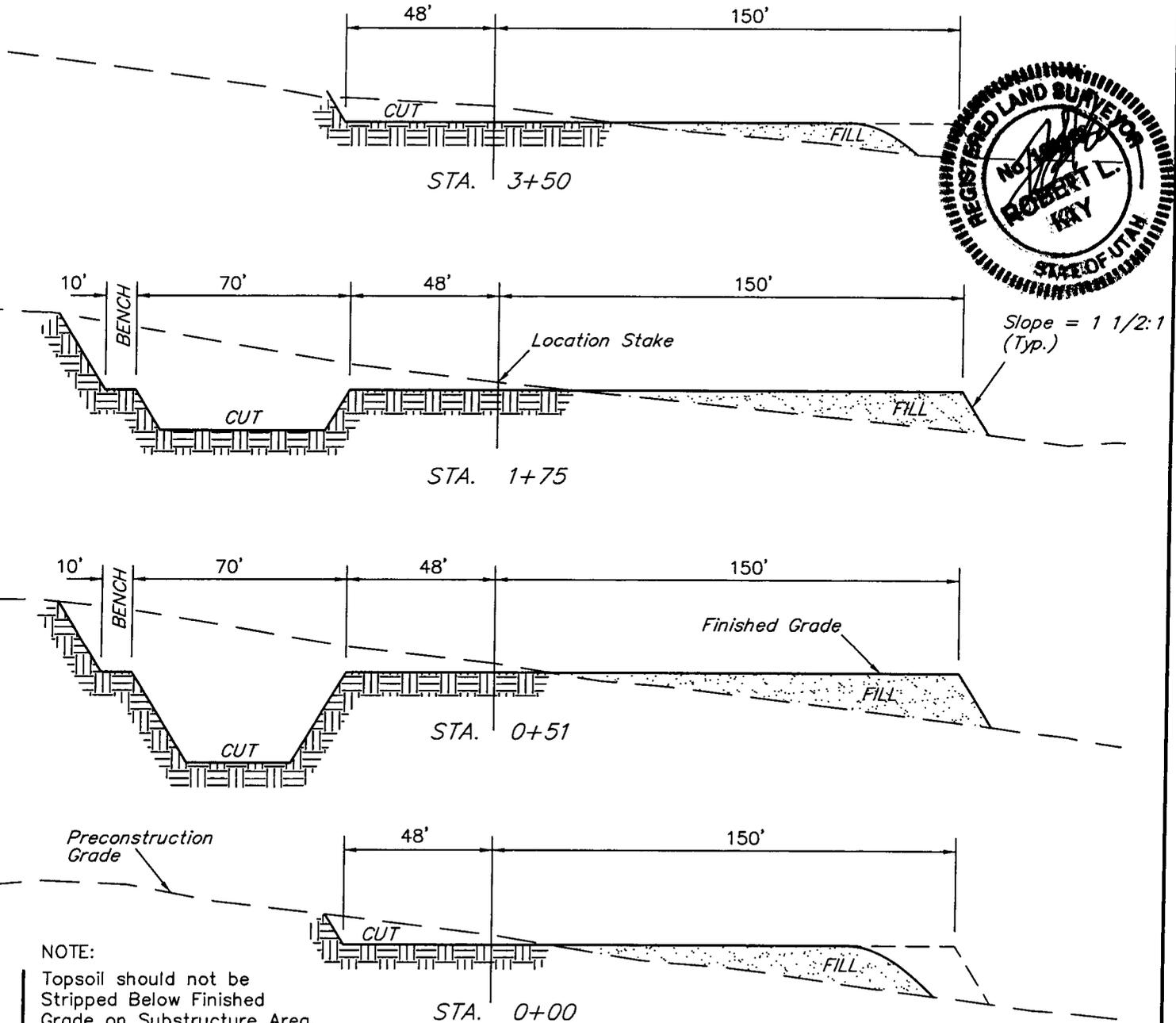
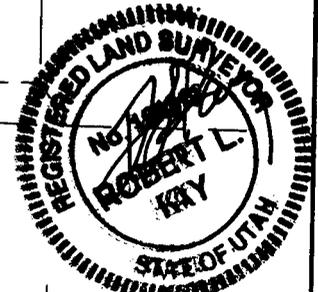
SSU #14G-4-8-21

SECTION 4, T8S, R21E, S.L.B.&M.

686' FSL 2008' FWL

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

DATE: 06-16-06  
Drawn By: C.H.



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

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

|                        |                        |
|------------------------|------------------------|
| CUT                    |                        |
| (6") Topsoil Stripping | = 1,780 Cu. Yds.       |
| Remaining Location     | = 7,640 Cu. Yds.       |
| <b>TOTAL CUT</b>       | <b>= 9,420 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 6,200 CU.YDS.</b> |

|  |                  |
|--|------------------|
| EXCESS MATERIAL                                    | = 3,220 Cu. Yds. |
| Topsoil & Pit Backfill<br>(1/2 Pit Vol.)           | = 3,220 Cu. Yds. |
| EXCESS UNBALANCE<br>(After Interim Rehabilitation) | = 0 Cu. Yds.     |

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

QUESTAR EXPLR. & PROD.

FIGURE #3

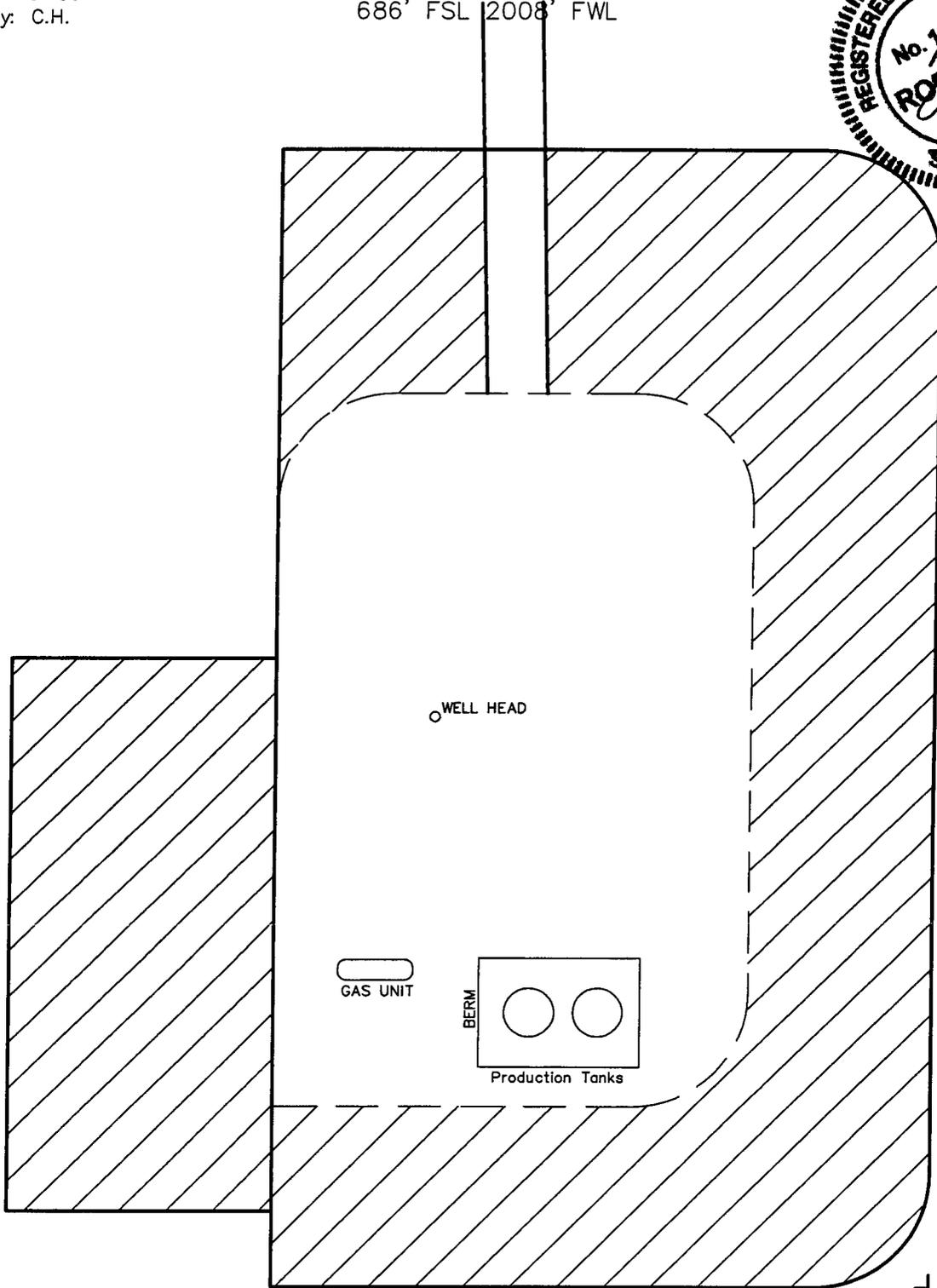
INTERIM RECLAMATION PLAN FOR

SSU #14G-4-8-21

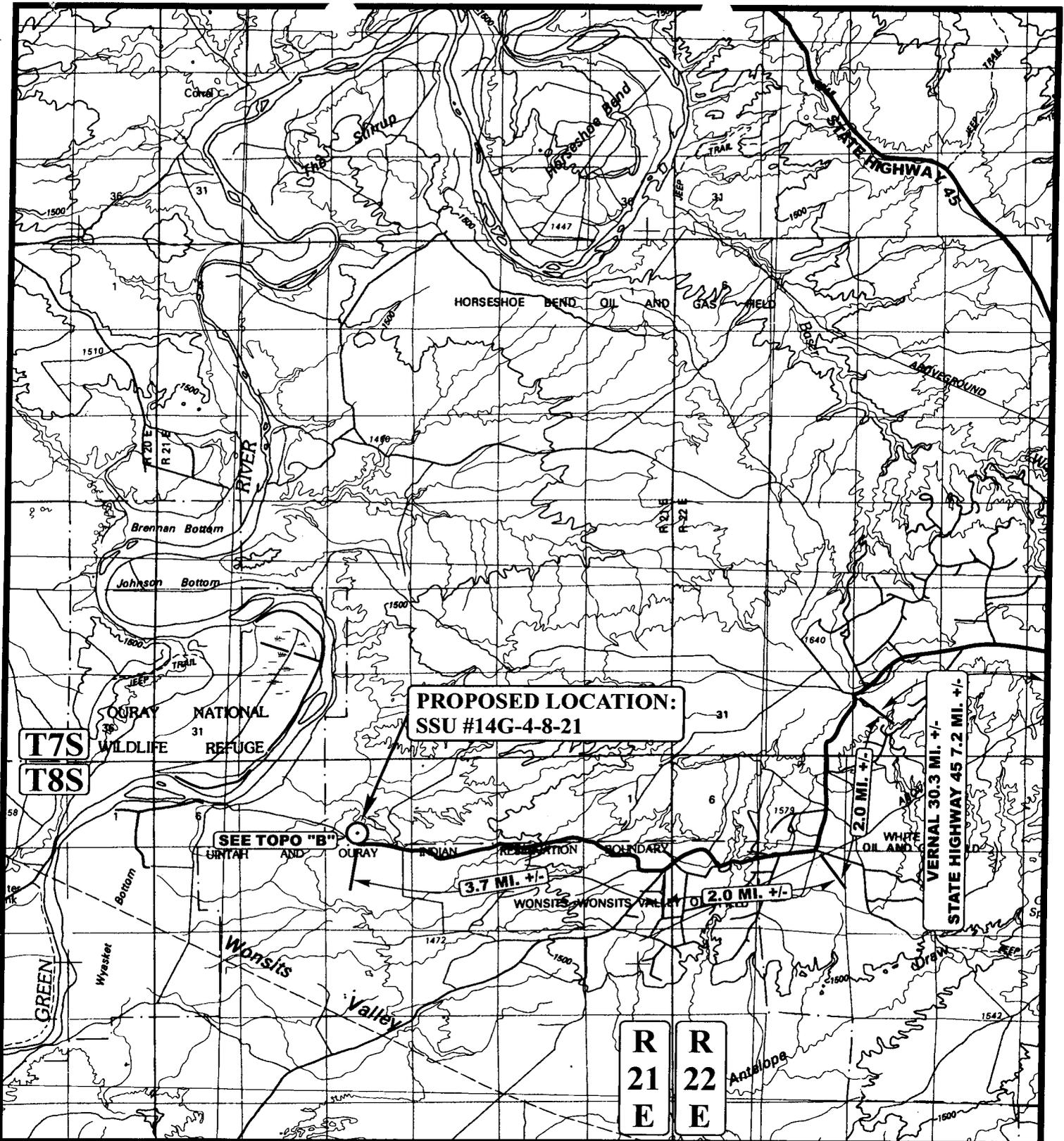
SECTION 4, T8S, R21E, S.L.B.&M.

686' FSL 2008' FWL

SCALE: 1" = 50'  
DATE: 06-16-06  
Drawn By: C.H.



 INTERIM RECLAMATION



**PROPOSED LOCATION:  
SSU #14G-4-8-21**

**SEE TOPO "B"**

**3.7 MI. +/-**

**2.0 MI. +/-**

**30.3 MI. +/-  
STATE HIGHWAY 45 7.2 MI. +/-**

**T7S  
T8S**

**R  
21  
E**

**R  
22  
E**

**LEGEND:**

⊙ PROPOSED LOCATION



**QUESTAR EXPLR. & PROD.**

**SSU #14G-4-8-21  
SECTION 4, T8S, R21E, S.L.B.&M.  
686' FSL 2008' FWL**



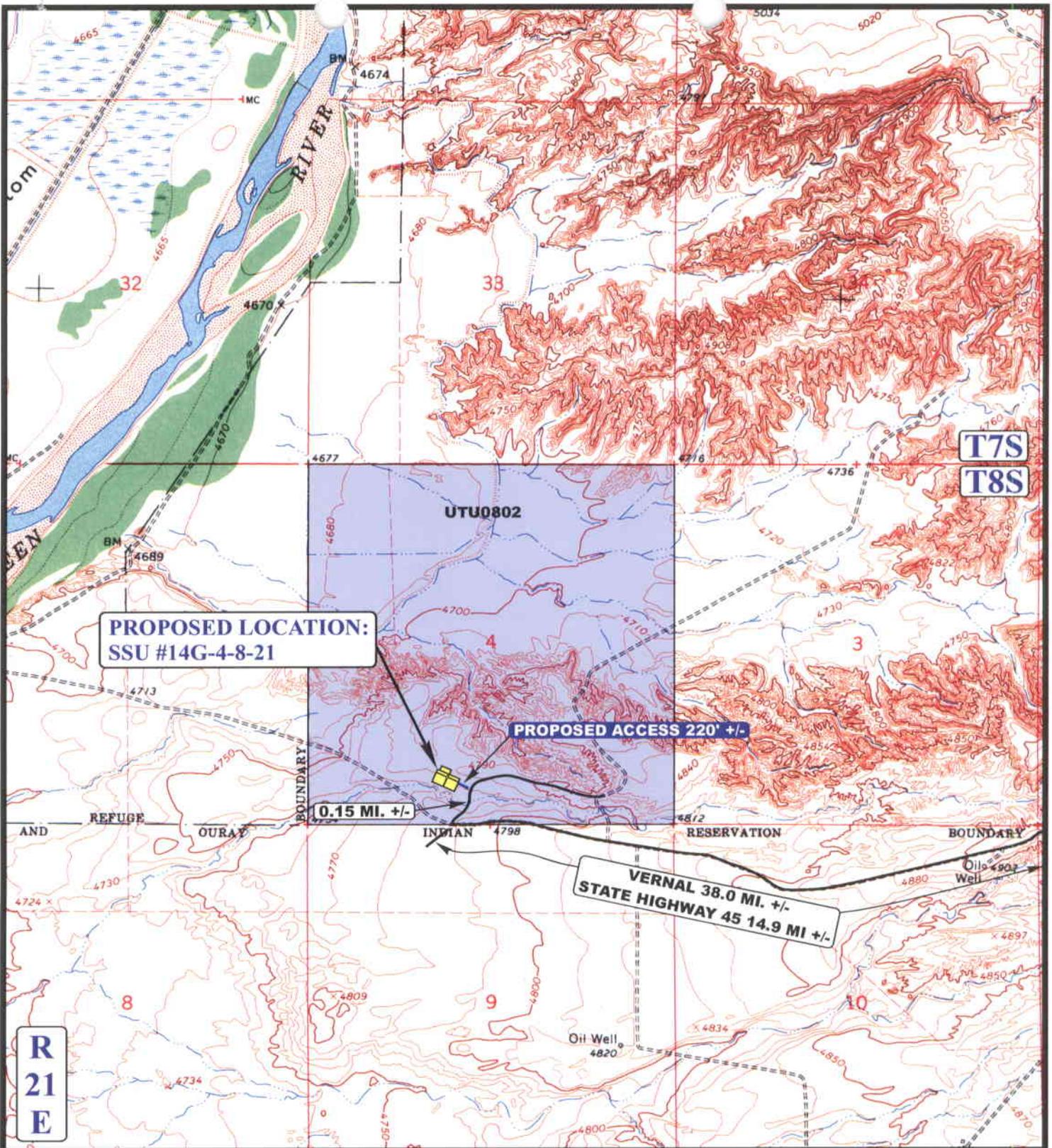
**Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813**

**TOPOGRAPHIC MAP**  

|           |           |           |
|-----------|-----------|-----------|
| <b>06</b> | <b>16</b> | <b>06</b> |
| MONTH     | DAY       | YEAR      |

**SCALE: 1:100,000** **DRAWN BY: L.K.** **REVISED: 00-00-00**





**PROPOSED LOCATION:  
SSU #14G-4-8-21**

**PROPOSED ACCESS 220' +/-**

**0.15 MI. +/-**

**VERNAL 38.0 MI. +/-  
STATE HIGHWAY 45 14.9 MI +/-**

**R  
21  
E**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**QUESTAR EXPLR. & PROD.**

**SSU #14G-4-8-21  
SECTION 4, T8S, R21E, S.L.B.&M.  
686' FSL 2008' FWL**



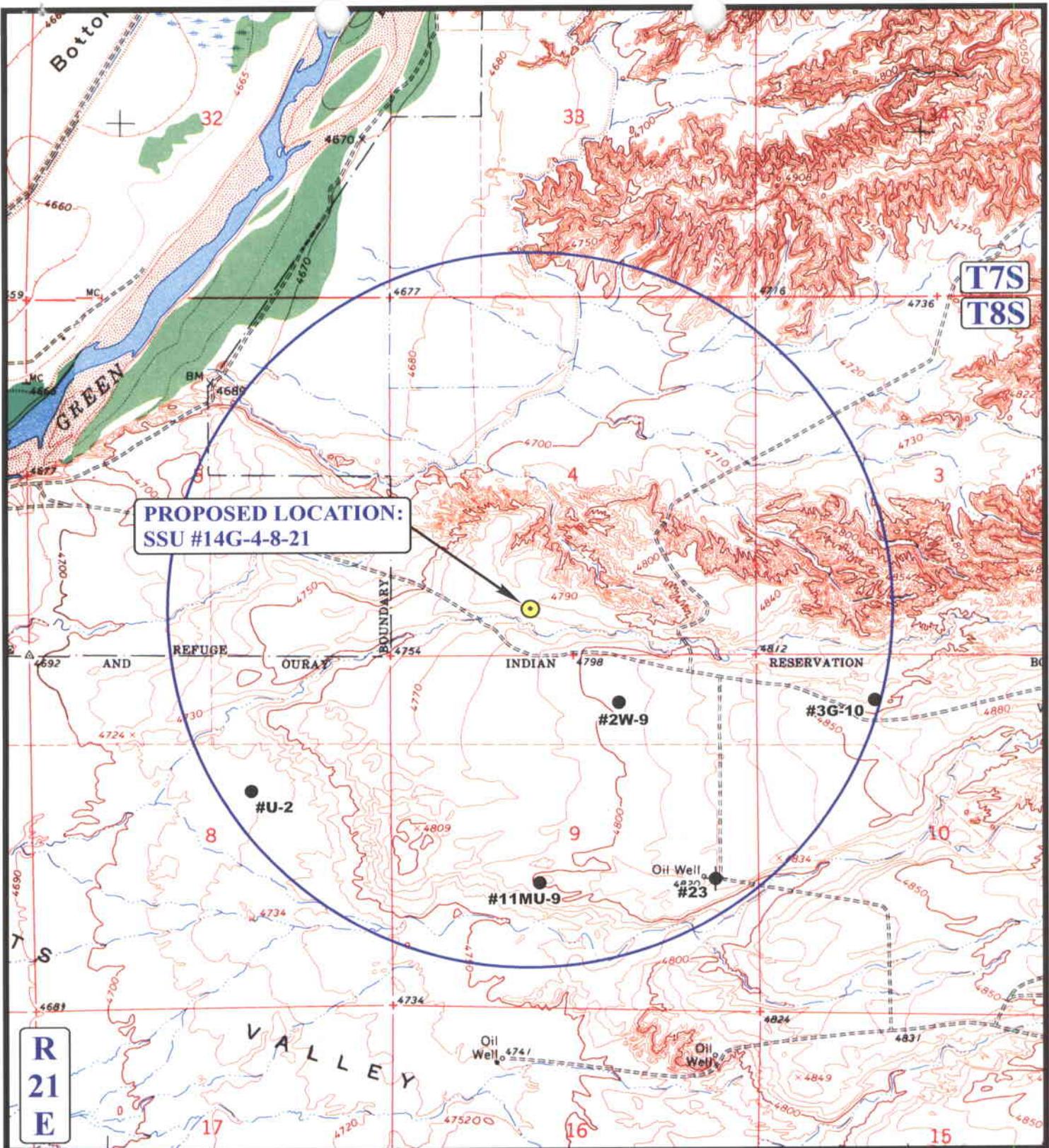
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**06 16 06**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





**PROPOSED LOCATION:  
SSU #14G-4-8-21**

**LEGEND:**

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

**QUESTAR EXPLR. & PROD.**

**SSU #14G-4-8-21  
SECTION 4, T8S, R21E, S.L.B.&M.  
686' FSL 2008' FWL**

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



**TOPOGRAPHIC MAP**

|           |           |           |
|-----------|-----------|-----------|
| <b>06</b> | <b>16</b> | <b>06</b> |
| MONTH     | DAY       | YEAR      |

SCALE: 1" = 2000'    DRAWN BY: L.K.    REVISED: 00-00-00    **TOPO**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/07/2006

API NO. ASSIGNED: 43-047-38436

WELL NAME: SSU 14G-4-8-21

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

SESW  
SWSE 04 080S 210E

SURFACE: 0686 FSL 2008 FWL

BOTTOM: 1346 FNL 2090 FEL

COUNTY: UINTAH

LATITUDE: 40.14708 LONGITUDE: -109.5618

UTM SURF EASTINGS: 622510 NORTHINGS: 4444863

FIELD NAME: WONSITS VALLEY ( 710 )

|                        |                 |             |
|------------------------|-----------------|-------------|
| INSPECT LOCATN BY: / / |                 |             |
| <b>Tech Review</b>     | <b>Initials</b> | <b>Date</b> |
| Engineering            |                 |             |
| Geology                |                 |             |
| Surface                |                 |             |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-80636

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

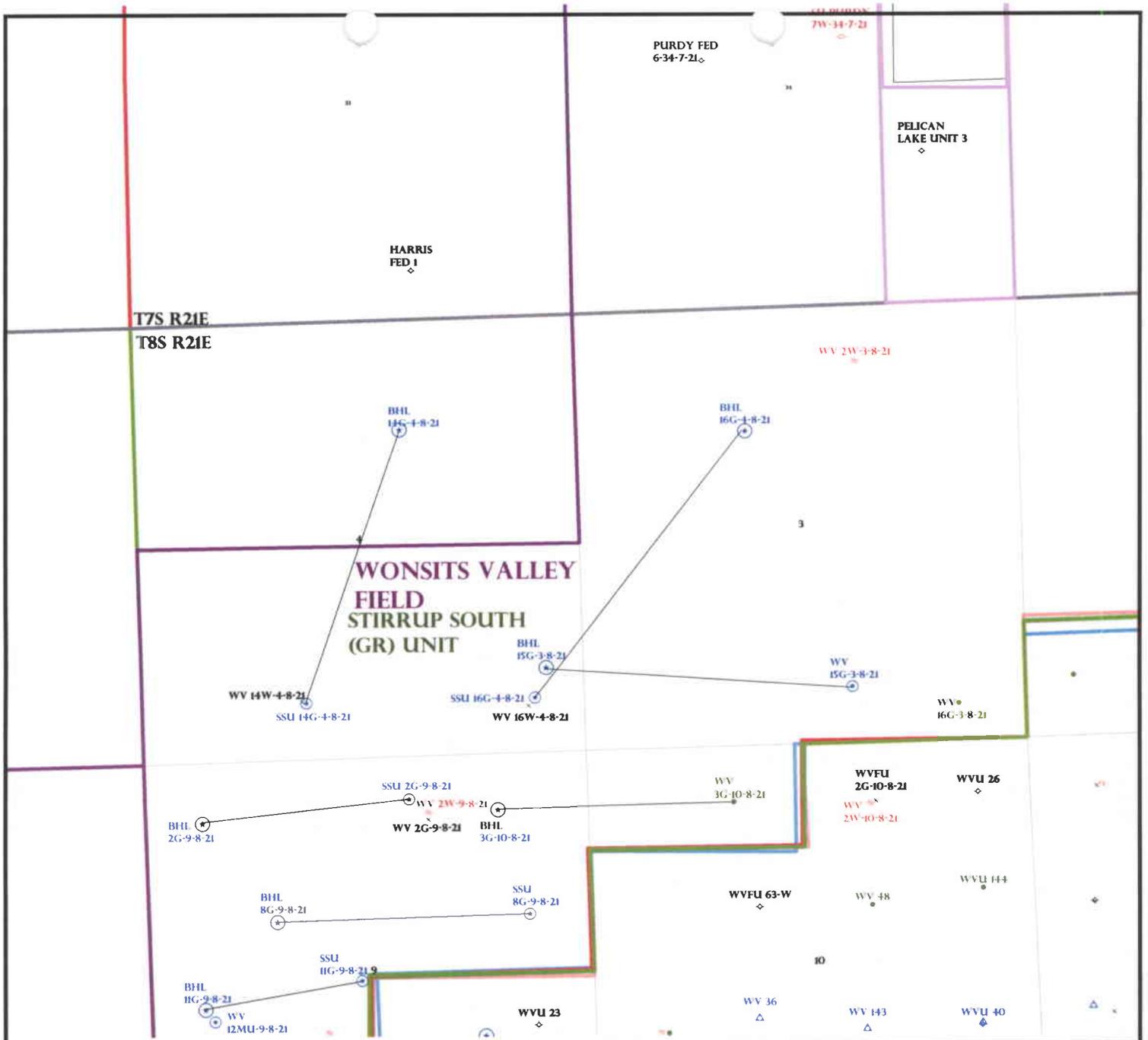
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-2153 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3. *Horizontal*
- Unit: STIRRUP SO (GRRV)
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: Sup, Separate file

STIPULATIONS: 1. Fed. Approval  
2. Spacing Slip



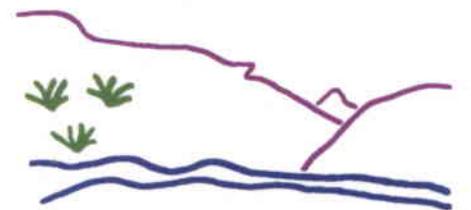
OPERATOR: QEP UINTA BASIN INC (N2460)

SEC: 4 T.8S R. 21E

FIELD: WONSITS VALLEY (710)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 16-AUGUST-2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 17, 2006

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

Re: Stirrup South Unit 14G-4-8-21 Well, Surface Location 686' FSL, 2008' FWL,  
SE SW, Sec. 4, T. 8 South, R. 21 East, Bottom Location 1346' FNL, 2090' FEL,  
SW NE, Sec. 4, T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38436.

Sincerely,

*for* Gil Hunt  
Associate Director

pab

Enclosures

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

**Operator:** QEP Uinta Basin, Inc.  
**Well Name & Number** Stirrup South Unit 14G-4-8-21  
**API Number:** 43-047-38436  
**Lease:** UTU-80636

**Surface Location:** SE SW      **Sec.** 4      **T.** 8 South      **R.** 21 East  
**Bottom Location:** SW NE      **Sec.** 4      **T.** 8 South      **R.** 21 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

5. A temporary 640 acre spacing unit is hereby established in Section \*, Township \*, Range \* for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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

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

**ROUTING**

|        |
|--------|
| 1. DJJ |
| 2. CDW |

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

**1/1/2007**

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

| CA No.             |     | Unit: |     | STIRRUP SOUTH UNIT |           |            |           |             |
|--------------------|-----|-------|-----|--------------------|-----------|------------|-----------|-------------|
| WELL NAME          | SEC | TWN   | RNG | API NO             | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
| SEE ATTACHED LISTS |     |       |     | *                  |           |            |           |             |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

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

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

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
STIRRUP SOUTH (GRRV) UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q  | SEC | TWP  | RNG  | API        | Entity | Lease   | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| WV 3G-10-8-21      | WV 3G-10-8-21   | NENW | 10  | 080S | 210E | 4304734106 | 13241  | Federal | OW        | P      |
| WV 15G-3-8-21      | WV 15G-3-8-21   | SWSE | 03  | 080S | 210E | 4304734109 | 13241  | Federal | OW        | P      |
| WV 16G-3-8-21      | WV 16G-3-8-21   | SESE | 03  | 080S | 210E | 4304734110 | 13241  | Federal | OW        | P      |
| SSU 8G-9-8-21      | SSU 8G-9-8-21   | SENE | 09  | 080S | 210E | 4304736736 | 14997  | Federal | OW        | P      |
| SSU 2G-9-8-21      | SSU 2G-9-8-21   | NWNE | 09  | 080S | 210E | 4304737990 | 13241  | Federal | OW        | DRL    |
| SSU 11G-9-8-21     | SSU 11G-9-8-21  | NESW | 09  | 080S | 210E | 4304737991 | 16007  | Federal | OW        | DRL    |
| SSU 16G-4-8-21     | SSU 16G-4-8-21  | SESE | 04  | 080S | 210E | 4304738415 |        | Federal | OW        | APD    |
| SSU 14G-4-8-21     | SSU 14G-4-8-21  | SWSE | 04  | 080S | 210E | 4304738436 |        | Federal | OW        | APD    |

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

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

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

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

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

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

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

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

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

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

(This space for State use only)

**RECEIVED**

**APR 19 2007**

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|   |  |  |
|---|--|--|
| <b>1. TYPE OF WELL</b><br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ |  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>see attached |
| <b>2. NAME OF OPERATOR:</b><br>QUESTAR EXPLORATION AND PRODUCTION COMPANY                                 |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br>see attached   |
| <b>3. ADDRESS OF OPERATOR</b><br>1050 17th Street Suite 500 Denver STATE CO ZIP 80265                     |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>see attached           |
| <b>4. LOCATION OF WELL</b><br>FOOTAGES AT SURFACE: attached   |  | <b>8. WELL NAME and NUMBER:</b><br>see attached                |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  |  | <b>9. API NUMBER:</b><br>attached                              |
| COUNTY: Uintah  |  | <b>10. FIELD AND POOL, OR WILDCAT:</b>                         |
| 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"/> <b>NOTICE OF INTENT</b><br>(Submit in Duplicate)<br>Approximate date work will start:<br><u>1/1/2007</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION              |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                   |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>(Submit Original Form Only)<br>Date of work completion: _____                           | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                        |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                              |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                              |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                             |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                             |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u> |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

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

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

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

(This space for State use only)

**RECEIVED**  
**APR 19 2007**  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

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

Re: Stirrup South - Green River Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Stirrup South - Green River Unit, Uintah County, Utah.

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

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Stirrup South - Green River Unit.

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form 3160-3  
(July 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT IN TRIPLICATE

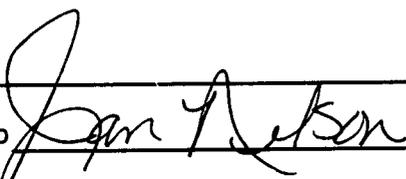
AUG - 4 2006

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

|  |  |   |
|--|--|---|
| <b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>UTU-80636                                  |
| TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>N/A                                       |
| TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>                                     |  | 7. UNIT AGREEMENT NAME<br>STIRRUP SOUTH # UTU-82151X                              |
| 2. NAME OF OPERATOR<br>QEP Uinta Basin, Inc.   |  | 8. FARM OR LEASE NAME, WELL NO.<br>SSU 14G-4-8-21                                 |
| 3. ADDRESS<br>11002 E. 17500 S. Vernal, Ut 84078   |  | 9. API WELL NO.<br>43-647-384310  |
| Contact: Jan Nelson<br>E-Mail: jan.nelson@questar.com  |  | 10. FIELD AND POOL, OR WILDCAT<br>UNDESIGNATED                                    |
| Telephone number<br>Phone 435-781-4331 Fax 435-781-4323  |  | 11. SEC., T, R, M, OR BLK & SURVEY OR AREA<br>-SWSE, SECTION 4, T8S, R21E<br>SESW |
| 4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)<br>At Surface 686' FSL 2008' FWL, <del>SWSE</del> SE SW, SECTION 4, T8S, R21E<br>At proposed production zone 1346' FNL 2090 FEL, SWNE, SECTION 4, T8S, R21E |  | 12. COUNTY OR PARISH<br>UINTAH  |
| 14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*<br>13 +/- miles west of Red Wash, Utah  |  | 13. STATE<br>UT   |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.<br>(also to nearest drig, unit line if any)<br>686' +/-   | 16. NO. OF ACRES IN LEASE<br><del>1922.36</del><br>1281.12 | 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>40                                      |
| 18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft   | 19. PROPOSED DEPTH<br>5709' TVD'<br>8849' MD               | 20. BLM/BIA Bond No. on file<br>ESB000024   |
| 21. ELEVATIONS (Show whether DF, RT, GR, ect.)<br>4775.4' GR   | 22. DATE WORK WILL START<br>ASAP                           | 23. Estimated duration<br>20 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 location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED  Name (Printed) Jan Nelson 3-Aug-06

TITLE REGULATORY AFFAIRS

(This space for Federal or State office use)

RECEIVED  
FEB 28 2007

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE Assistant Field Manager  
Lands & Mineral Resources DATE 2/26/2007

\*See Instructions On Reverse Side

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

COPIES OF APPROVAL ATTACHED

NOTICE OF APPROVAL

06BM1789A



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**

Company: QEP Uinta Basin Inc.

Location: SESW, Sec 4, T8S, R21E (Surface)  
SWNE, Sec 4, T8S, R21 E (Bottom)

Well No: SSU 14G-4-8-21

Lease No: UTU-80636

API No: 43-047-38436

Agreement: Stirrup South Unit

|                                   |                 |                      |                    |
|-----------------------------------|-----------------|----------------------|--------------------|
| Petroleum Engineer:               | Ryan Angus      | Office: 435-781-4430 | Cell: 435-828-7368 |
| Petroleum Engineer:               | James Ashley    | Office: 435-781-4470 | Cell: 435-828-7874 |
| Petroleum Engineer:               | Matt Baker      | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer:               | Michael Lee     | Office: 435-781-4432 |                    |
| Supervisory Petroleum Technician: | Jamie Sparger   | Office: 435-781-4502 | Cell: 435-828-3913 |
| NRS/Environmental Scientist:      | Scott Ackerman  | Office: 435-781-4437 |                    |
| NRS/Environmental Scientist:      | Paul Buhler     | Office: 435-781-4475 | Cell: 435-828-4029 |
| NRS/Environmental Scientist:      | Jannice Cutler  | Office: 435-781-3400 |                    |
| NRS/Environmental Scientist:      | Michael Cutler  | Office: 435-781-3401 |                    |
| NRS/Environmental Scientist:      | Anna Figueroa   | Office: 435-781-3407 |                    |
| NRS/Environmental Scientist:      | Melissa Hawk    | Office: 435-781-4476 |                    |
| NRS/Environmental Scientist:      | Chuck Macdonald | Office: 435-781-4441 |                    |
| NRS/Environmental Scientist:      | Nathan Packer   | Office: 435-781-3405 |                    |
| NRS/Environmental Scientist:      | Verlyn Pindell  | Office: 435-781-3402 |                    |
| NRS/Environmental Scientist:      | Holly Villa     | Office: 435-781-4404 |                    |
| NRS/Environmental Scientist:      | Darren Williams | Office: 435-781-4447 |                    |
| NRS/Environmental Scientist:      | Karl Wright     | Office: 435-781-4484 |                    |

After Hours Contact Number: 435-781-4513

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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- Location Construction (Notify NRS) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify NRS) - 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 Supervisory Petroleum Technician) - Twenty-Four (24) hours prior to running casing and cementing all casing
- BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician) - 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)***

**PALEONTOLOGY:**

1. If, during operations, any paleontological resources as described in BLM H-8270 are discovered, all operations affecting such sites shall be immediately suspended. The appropriate AO of the managing BLM office shall be notified within 48 hrs of the discovery and a decision as to the preferred alternative/course of action will be rendered.

### ***DOWNHOLE CONDITIONS OF APPROVAL***

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

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. Oil shall not be used in the water based mud system without prior approval. Written request for approval shall be required.
2. A casing shoe integrity test shall be run on the surface casing shoe.
3. Operator is to notify gilsonite lease holder prior to pad explosives blasting. Well is not close to gilsonite vein, but on trend to gilsonite vein deposits.
4. Production casing cement shall be brought up and into the surface.
5. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

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

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of 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.
8. 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.
9. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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.

10. 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.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe 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\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

11. 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.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
13. 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.
14. This APD is approved subject to the requirement that, 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:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).

- e. 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).
  - f. 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.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. 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
17. 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.
18. 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.

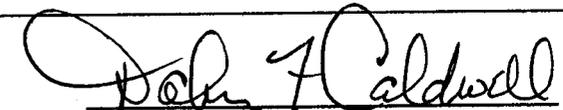
OPERATOR: **Questar Exploration & Production, Co.**  
ADDRESS: **1571 E. 1700 S.**  
**Vernal, Utah 84078 (435)781-4342**

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              | 16141          | 43-047-38436 | SSU 14G 4 8 21 | SESW | 4  | 8S | 21E | Uintah | 5/12/07   | 5/30/07  |
| WELL 1 COMMENTS: SURFACE LOCATION: 686' FSL, 2008' FWL, SESW, SEC 4-T8S-R21E<br>BOTTOM SURFACE: 1346' FNL, 2090' FEL, SWNE, SEC 4-T8S-R21E<br><i>GRU</i> |                    |                |              |                |      |    |    |     |        |           | CONFIDENTIAL   |
| WELL 2 COMMENTS:   |                    |                |              |                |      |    |    |     |        |           | RECEIVED<br>MAY 21 2007<br>DIV. OF OIL, GAS & MINING |
| 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      5/15/07  
Title      Date

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

Phone No. **(435)781-4342**

CONFIDENTIAL

**Questar E & P** Page 1 of 6

**Operations Summary Report**

Well Name: SSU 14G-4-8-21 Spud Date: 5/14/2007  
 Location: 4-8-S 21-E 26 Rig Release: 6/3/2007  
 Rig Name: TRUE Rig Number: 26

43-047-38436

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations   |
|-----------|---------------|-------|------|----------|---|
| 5/13/2007 | 09:00 - 16:00 | 7.00  |      |          | PETE MARTIN DRILLED 40' OF 20" HOLE. SET 40' OF 14" CONDUCTOR. CEMENT WITH READY MIX. DRILLED MOUSE AND RATHOLES.                               |
| 5/14/2007 | 06:00 - 11:00 | 5.00  | LOC  | 3        | MOVE RIG OFF GB 7SG -36-8-21  |
|           | 11:00 - 16:00 | 5.00  | LOC  | 4        | RIG UP WITH TRUCKS  |
|           | 16:00 - 20:00 | 4.00  | LOC  | 4        | RIG UP RIG  |
| 5/15/2007 | 06:00 - 10:00 | 4.00  | LOC  | 4        | RIG UP  |
|           | 10:00 - 12:00 | 2.00  | BOP  | 1        | NIPPLE UP CONDUCTOR, RIG ON DAYWORK AT 1000 HRS., 5/14/2007<br>WELDER DROPPED 2-1 1/2" ROUND PLATES THAT HE CUT OUT OF CONDUCTOR, DOWN THE HOLE |
| 5/16/2007 | 12:00 - 12:30 | 0.50  | RIG  | 1        | RIG SERVICE   |
|           | 12:30 - 13:00 | 0.50  | OTH  |          | WAIT ON MAGNET  |
|           | 13:00 - 13:30 | 0.50  | FISH | 5        | FISH IRON OUT OF HOLE   |
|           | 13:30 - 20:00 | 6.50  | DRL  | 8        | DRILL FROM 52' TO 283   |
|           | 20:00 - 20:30 | 0.50  | SUR  | 1        | SURVEY-1"   |
|           | 20:30 - 02:30 | 6.00  | DRL  | 14       | DRILL FROM 283 TO 479, START MUD UP AT 300'   |
|           | 02:30 - 03:30 | 1.00  | TRP  | 1        | SHORT TRIP TO SURFACE   |
|           | 03:30 - 04:00 | 0.50  | CIRC | 1        | CIRCULATE   |
|           | 04:00 - 04:30 | 0.50  | SUR  | 1        | DROP SURVEY   |
|           | 04:30 - 06:00 | 1.50  | TRP  | 2        | TRIP OUT, LAY DOWN 8" DRILL COLLARS   |
|           | 06:00 - 06:30 | 0.50  | CSG  | 2        | RIG UP CASERS   |
|           | 06:30 - 07:30 | 1.00  | CSG  | 1        | RAN 11 JOINTS, 9 5/8", J-55, 36# CASING. LAND SHOE AT 479', FLOAT AT 435'   |
|           | 07:30 - 08:30 | 1.00  | CIRC | 1        | CIRCULATE, RIG DOWN CASERS, RIG UP CEMENTERS  |
|           | 08:30 - 09:00 | 0.50  | CMT  | 2        | CEMENT CASING WITH 225 SACKS PREMIUM CEMENT. GOOD RETURNS THROUGHOUT JOB. 10 BBLs CEMENT TO RESERVE. PLUG DOWN AT 0910 HRS. FLOAT HELD.         |
| 5/17/2007 | 09:00 - 09:30 | 0.50  | CMT  | 1        | RIG DOWN CEMENTERS, HAULED 390 BBLs MUD TO STORAGE  |
|           | 09:30 - 13:30 | 4.00  | WOT  | 1        | WAIT ON CEMENT  |
|           | 13:30 - 17:00 | 3.50  | CSG  | 6        | CUT OFF CONDUCTOR AND CASING, WELD ON WELL HEAD, COOL AND TEST SAME   |
|           | 17:00 - 20:00 | 3.00  | BOP  | 1        | NIPPLE UP BOP   |
|           | 20:00 - 00:00 | 4.00  | BOP  | 2        | TEST BOP  |
|           | 00:00 - 01:00 | 1.00  | TRP  | 1        | MAKE UP BIT, MOTOR, IBS'S, TRIP IN, TAG CEMENT AT 395'  |
|           | 01:00 - 02:30 | 1.50  | DRL  | 4        | DRILL CEMENT  |
|           | 02:30 - 06:00 | 3.50  | DRL  | 1        | DRILL FROM 479 TO 786   |
|           | 06:00 - 07:30 | 1.50  | DRL  | 1        | DRILL FROM 786 TO 1070  |
|           | 07:30 - 08:00 | 0.50  | SUR  | 1        | SURVEY, .5"   |
|           | 08:00 - 09:30 | 1.50  | DRL  | 1        | DRILL FROM 1070 TO 1259   |
|           | 09:30 - 10:00 | 0.50  | RIG  | 1        | RIG SERVICE   |
|           | 10:00 - 15:00 | 5.00  | DRL  | 1        | DRILL FROM 1259 TO 1860   |
|           | 15:00 - 15:30 | 0.50  | SUR  | 1        | SURVEY, .5"   |
| 5/18/2007 | 15:30 - 21:30 | 6.00  | DRL  | 1        | DRILL FROM 1860 TO 2621   |
|           | 21:30 - 22:00 | 0.50  | SUR  | 1        | SURVEY, 1.75"   |
|           | 22:00 - 06:00 | 8.00  | DRL  | 1        | DRILL FROM 2621 TO 3055<br>1/2 FLOW ON CONNECTIONS DETECTED AT 2970'  |
|           | 06:00 - 07:30 | 1.50  | DRL  | 1        | DRILL FROM 3055 TO 3128   |
|           | 07:30 - 08:00 | 0.50  | SUR  | 1        | SURVEY, 2"  |
|           | 08:00 - 12:30 | 4.50  | DRL  | 1        | DRILL FROM 3128 TO 3413   |
|           | 12:30 - 13:00 | 0.50  | RIG  | 1        | RIG SERVICE   |
|           | 13:00 - 16:30 | 3.50  | DRL  | 1        | DRILL FROM 3413 TO 3635   |
| 5/18/2007 | 16:30 - 17:00 | 0.50  | SUR  | 1        | SURVEY, 2"  |
|           | 17:00 - 06:00 | 13.00 | DRL  | 1        | DRILL FROM 3635 TO 4249<br>NO FLOW, 6-8' VENTED FLARE WHILE DRILLING<br>DRILLING SLOW THIS MORNING, TRIP?                                       |

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DIV. OF OIL, GAS & MINING

Operations Summary Report

Well Name: SSU 14G-4-8-21  
 Location: 4-8-S 21-E 26  
 Rig Name: TRUE

Spud Date: 5/14/2007  
 Rig Release: 6/3/2007  
 Rig Number: 26

| Date          | From - To     | Hours | Code | Sub Code  | Description of Operations   |
|---------------|---------------|-------|------|---|---|
| 5/19/2007     | 06:00 - 11:30 | 5.50  | DRL  | 1   | DRILL FROM 4249 TO 4425   |
|               | 11:30 - 12:00 | 0.50  | RIG  | 1   | RIG SERVICE   |
|               | 12:00 - 06:00 | 18.00 | DRL  | 1   | DRILL FROM 4425 TO 4939<br>NO FLOW, FLARE OR LOSSES<br>KOP AROUND 5100'<br>STARTED MUD UP AT 4480' DUE TO ABUNDANT CUTTINGS COMING BACK ON BACK TO BACK SWEEPS. |
| 5/20/2007     | 06:00 - 10:30 | 4.50  | DRL  | 1   | DRILL FROM 4939 TO 5058<br>OK'D SHALLOWER KOP WITH STEVE HALL   |
|               | 10:30 - 11:00 | 0.50  | CIRC | 1   | MIX AND PUMP PILL   |
|               | 11:00 - 15:00 | 4.00  | TRP  | 2   | TRIP OUT, LAID DOWN 14 JOINTS DRILL PIPE AND DRILL COLLARS  |
|               | 15:00 - 17:30 | 2.50  | TRP  | 1   | PICK UP AND ORIENT DIRECTIONAL TOOLS  |
|               | 17:30 - 01:00 | 7.50  | TRP  | 2   | TRIP IN, PICK UP 24 JOINTS HEVI WATE, SURVEYED EVERY 3 STANDS FROM SHOE TO BOTTOM   |
|               | 01:00 - 02:00 | 1.00  | OTH  |   | ORIENT MWD  |
|               | 02:00 - 06:00 | 4.00  | DRL  | 2   | SLIDE FROM 5058 TO 5102<br>TRIP WENT WELL<br>SLIDING AT 14'/HR  |
| 5/21/2007     | 06:00 - 09:00 | 3.00  | DRL  | 2   | SLIDE FROM 5102 TO 5141   |
|               | 09:00 - 09:30 | 0.50  | RIG  | 2   | WORK ON #1 PUMP, CIRCULATE WITH #2  |
|               | 09:30 - 10:30 | 1.00  | DRL  | 2   | SLIDE FROM 5141 TO 5164   |
|               | 10:30 - 11:00 | 0.50  | RIG  | 1   | RIG SERVICE   |
|               | 11:00 - 14:30 | 3.50  | DRL  | 2   | SLIDE FROM 5164 TO 5211, GETTING 8'S, NEED 12'S, SHOULD OF GOT 12-14'S  |
|               | 14:30 - 15:00 | 0.50  | SUR  | 1   | SURVEYS   |
|               | 15:00 - 15:30 | 0.50  | CIRC | 1   | MIX AND PUMP PILL   |
|               | 15:30 - 17:30 | 2.00  | TRP  | 12  | TRIP OUT  |
|               | 17:30 - 18:30 | 1.00  | OTH  |   | LAY DOWN 2.0 FIXED BEND MOTOR, PICK UP ADJUSTABLE MOTOR,(.28 RPG) AND DIAL TO 2.38,SHOULD GET 18'S BY SPECS   |
|               | 18:30 - 21:00 | 2.50  | TRP  | 2   | TRIP IN   |
| 21:00 - 06:00 | 9.00          | DRL   | 2    | SLIDE FROM 5211 TO 5319<br>PRESENTLY SLIDING AT 20'/HR<br>GOT 12.3 BUILD LAST SURVEY, WE'RE RIGHT ON TRACK WITH WELL PLAN TO THIS POINT |   |
| 5/22/2007     | 06:00 - 13:30 | 7.50  | DRL  | 2   | SLIDE F/ 5319 T/ 5419   |
|               | 13:30 - 14:30 | 1.00  | CIRC | 1   | MIX, PUMP SWEEP FOR SHORT TRIP  |
|               | 14:30 - 15:00 | 0.50  | CIRC | 1   | MIX ,PUMP PILL FOR SHORT TRIP   |
|               | 15:00 - 16:00 | 1.00  | TRP  | 14  | SHORT TRIP TO 4508  |
|               | 16:00 - 16:30 | 0.50  | CIRC | 1   | CIRC ,COND HOLE FOR TRIP FOR LOGS   |
|               | 16:30 - 19:00 | 2.50  | TRP  | 12  | TRIP OOH FOR LOGS AND DIAL MOTOR TO INCREASE BUILD RATE   |
|               | 19:00 - 20:00 | 1.00  | LOG  | 1   | HOLD SAFETY MEETING ,RIG UP HALLIBURTON LOGGERS   |
|               | 20:00 - 20:30 | 0.50  | LOG  | 1   | MAKE UP LOGGING TOOLS RIH , TAG BRIDGE AT 723 ,CANNOT WORK THROUGH BRIDGE ,POOH WITH LOGGING TOOLS.   |
|               | 20:30 - 21:00 | 0.50  | LOG  | 1   | REMOVE BOW SPRING ,RIH ,CANNOT WORK THROUGH BRIDGE AT 723'  |
|               | 21:00 - 21:30 | 0.50  | LOG  | 1   | POOH LAY DOWN LOGGING TOOLS ,RIG DOWN HLS.  |
|               | 21:30 - 22:30 | 1.00  | TRP  | 2   | TRIP IN HOLE WITH DRLG PIPE ,KNOCK OUT BRIDGE AT 723 WITH 3K ,TRIP IN HOLE TO 1000' KBM ,HOLE CLEAN TRIP OOH FOR LOGS.  |
| 22:30 - 03:30 | 5.00          | LOG   | 1    | RIG UP HJLS ,PICK UP LOGGING TOOLS RIH ,LOGGER DEPTH 5404 ,DRILLER DEPTH 5419,RUN LOGS.   |   |
| 03:30 - 04:00 | 0.50          | LOG   | 1    | RIG DOWN HLS.   |   |
| 04:00 - 06:00 | 2.00          | TRP   | 12   | SET MUD MOTOR AT 3.0 DEG TO OBTAIN BUILD RATE,TRIP IN HOLE SLOW TO PREVENT DAMAGE TO BIT.   |   |
| 5/23/2007     | 06:00 - 07:00 | 1.00  | RIG  | 6   | CUT DRLG LINE   |

Operations Summary Report

Well Name: SSU 14G-4-8-21  
 Location: 4-8-S 21-E 26  
 Rig Name: TRUE

Spud Date: 5/14/2007  
 Rig Release: 6/3/2007  
 Rig Number: 26

| Date          | From - To     | Hours         | Code | Sub Code | Description of Operations   |   |
|---------------|---------------|---------------|------|----------|---|---|
| 5/23/2007     | 07:00 - 09:00 | 2.00          | TRP  | 12       | TRIP IN HOLE,WASH/REAM F/ 5397 T/ 5419  |   |
|               | 09:00 - 11:30 | 2.50          | DRL  | 2        | SLIDE F/ 5419 T/ 5450 ,RIG SERVICE ,SURVEY AT 5406 INC-32.10 AZ- 8.39                 |   |
|               | 11:30 - 14:00 | 2.50          | DRL  | 2        | SLIDE F/ 5450 T/ 5484 ,SURVEY AT 5438 ,INC-36.93 AZ- 5.58                             |   |
|               | 14:00 - 16:00 | 2.00          | DRL  | 2        | SLIDE F/ 5484 T/ 5514 ,SURVEY AT 5470 INC-43.35 AZ-6.98                               |   |
|               | 16:00 - 18:30 | 2.50          | DRL  | 2        | SLIDE F/ 5514 T/ 5544 ,SURVEY AT 5500 INC-49.33 AZ-7.77                               |   |
|               | 18:30 - 21:30 | 3.00          | DRL  | 2        | SLIDE F/ 5544 T/ 5577 ,SURVEY AT 5532 INC-56.10 AZ-8.91 ,PUMP SWEEP                   |   |
|               | 21:30 - 22:00 | 0.50          | CIRC | 1        | MIX- PUMP PILL FOR TRIP TO DIAL DOWN MOTOR  |   |
|               | 22:00 - 01:30 | 3.50          | TRP  | 12       | CHAIN OOH FOR MOTOR ADJUSTMENT  |   |
|               | 01:30 - 02:00 | 0.50          | TRP  | 1        | DIAL MOTOR DOWN TO 2.12 DEG   |   |
|               | 02:00 - 04:30 | 2.50          | TRP  | 12       | TRIP IN HOLE TO 5517  |   |
|               | 04:30 - 06:00 | 1.50          | REAM | 1        | WASH REAM F/ 5517 T/ 5577   |   |
|               | 5/24/2007     | 06:00 - 08:30 | 2.50 | DRL      | 2   | SLIDE F/ 5577 T/ 5609 , SURVEY AT 5564 INC-62.61 AZ- 10.76              |
|               |               | 08:30 - 10:00 | 1.50 | DRL      | 2   | SLIDE / ROTATE F/ 5607 T/ 5622 ,SURVEY AT 5577 INC-64.19 AZ-11.02       |
|               |               | 10:00 - 12:30 | 2.50 | DRL      | 2   | SLIDE F/ 5622 T/ 5641 , RIG SERVICE ,SURVEY AT 5595 INC-65.51 AZ- 12.34 |
| 12:30 - 16:00 |               | 3.50          | DRL  | 2        | SLIDE F/ 5641 T/ 5671 ,SURVEY AT 5627 ,INC-67.97 AZ- 14.80                            |   |
| 16:00 - 19:30 |               | 3.50          | DRL  | 2        | SLIDE F/ 5671 T/ 5704 ,SURVEY AT 5659 INC- 71.05 AZ- 16.21                            |   |
| 19:30 - 00:00 |               | 4.50          | DRL  | 2        | SLIDE F/ 5704 T/ 5734 ,SURVEY AT 5690 INC-73.60 AZ-17.70                              |   |
| 00:00 - 05:00 |               | 5.00          | DRL  | 2        | SLIDE / ROTATE F/ 5734 T/ 5767 ,SURVEY AT 5722 INC-75.45 AZ- 18.67                    |   |
| 05:00 - 06:00 |               | 1.00          | DRL  | 2        | SLIDE F/ 5767 T/ 5777   |   |
| 5/25/2007     | 06:00 - 09:00 | 3.00          | DRL  | 2        | SLIDE F/ 5777 T/ 5797   |   |
|               | 09:00 - 09:30 | 0.50          | SUR  | 1        | SURVEY AT 5754 INC-77.65 AZ- 19.90  |   |
|               | 09:30 - 14:00 | 4.50          | DRL  | 2        | SLIDE / ROTATE F/ 5797 T/ 5829  |   |
|               | 14:00 - 14:30 | 0.50          | SUR  | 1        | SURVEY AT 5785 INC-78.61 AZ- 20.96  |   |
|               | 14:30 - 17:30 | 3.00          | DRL  | 2        | SLIDE / ROTATE F/ 5829 T/ 5860  |   |
|               | 17:30 - 18:00 | 0.50          | SUR  | 1        | SURVEY AT 5817 INC-80.99 AZ- 21.66  |   |
|               | 18:00 - 01:00 | 7.00          | DRL  | 2        | SLIDE / ROTATE F/ 5860 T/ 5910 ,DRILLED TO CASING POINT AT 0100 HRS 5/25/2007.        |   |
|               | 01:00 - 02:00 | 1.00          | CIRC | 1        | CIRC/ CONDITION, PUMP SWEEP   |   |
| 5/26/2007     | 02:00 - 03:00 | 1.00          | TRP  | 14       | SHORT TRIP 10 STANDS  |   |
|               | 03:00 - 04:00 | 1.00          | CIRC | 1        | CIRC / CONDITION HOLE ,   |   |
|               | 04:00 - 05:30 | 1.50          | CIRC | 1        | CIRC/COND ,RIG UP WESTATES TO LAY DOWN D.P.   |   |
|               | 05:30 - 06:00 | 0.50          | TRP  | 3        | LAY DOWN DRILL PIPE   |   |
|               | 06:00 - 11:00 | 5.00          | TRP  | 1        | L/D DRILL STRING & DIR TOOLS  |   |
|               | 11:00 - 12:30 | 1.50          | CSG  | 1        | R/U CSG CREW. ( SAFTY MEETING )   |   |
|               | 12:30 - 17:00 | 4.50          | CSG  | 2        | RUN 133 JTS 7" 26# J-55 CSG   |   |
|               | 17:00 - 17:30 | 0.50          | CSG  | 1        | R/D CSG CREW.   |   |
|               | 17:30 - 18:30 | 1.00          | CIRC | 1        | CIRC BTM. ( SAFTY MEETING W/ HALLIBURTON)   |   |
|               | 18:30 - 19:00 | 0.50          | CMT  | 1        | R/U CEMENTERS   |   |
|               | 19:00 - 21:00 | 2.00          | CMT  | 1        | CMT W/ 380 SKS LEAD. 155 SKS TAIL.DISP W/ 224 BBL MUD                                 |   |
|               | 21:00 - 21:30 | 0.50          | CMT  | 1        | R/D CEMENTERS   |   |
|               | 21:30 - 23:30 | 2.00          | BOP  | 1        | N/D BOP. SET SLIPS W/ 94,000 WT   |   |
|               | 23:30 - 02:00 | 2.50          | BOP  | 1        | N/U/ B.O.P.   |   |
| 5/27/2007     | 02:00 - 03:00 | 1.00          | OTH  | 1        | UNLOAD 3 1/2" PIPE  |   |
|               | 03:00 - 04:00 | 1.00          | TRP  | 1        | L/D 4 1/2" KELLY. P/U 3 1/2" KELLY.   |   |
|               | 04:00 - 04:30 | 0.50          | BOP  | 1        | CHANGE 3 1/2" PIPE RAMS. ( WRONG RAMS)  |   |
|               | 04:30 - 06:00 | 1.50          | OTH  | 1        | WAIT ON PIPE RAMS.  |   |
|               | 06:00 - 10:00 | 4.00          | BOP  | 2        | TEST BOP. 3000# CSG 1500# PIPE 3000#. CHOKE LINE & MANIFOLD 3000# KELL & VALVES 3000# |   |
|               | 10:00 - 11:00 | 1.00          | TRP  | 1        | P/U DIR TOOLS ( MOTOR .53)  |   |
|               | 11:00 - 19:00 | 8.00          | TRP  | 1        | P/U DRILL STRING. ( COULD NOT GET A L/D TRUCK)  |   |
|               | 19:00 - 21:00 | 2.00          | DRL  | 4        | DRILL CMT. FLT & SHOE   |   |
| 5/28/2007     | 21:00 - 06:00 | 9.00          | DRL  | 2        | DRILL & SLIDE F/5909' T/ 6010'  |   |
|               | 06:00 - 08:00 | 2.00          | DRL  | 2        | DRILL & SLIDE F/ 6010' T/ 6042'   |   |

**Operations Summary Report**

Well Name: SSU 14G-4-8-21  
 Location: 4- 8-S 21-E 26  
 Rig Name: TRUE

Spud Date: 5/14/2007  
 Rig Release: 6/3/2007  
 Rig Number: 26

| Date          | From - To     | Hours         | Code | Sub Code | Description of Operations  |  |
|---------------|---------------|---------------|------|----------|--|--|
| 5/28/2007     | 08:00 - 08:30 | 0.50          | RIG  | 1        | RIG SERVICE.   |  |
|               | 08:30 - 14:00 | 5.50          | DRL  | 2        | DRILL & SLIDE F/ 6042' T/ 6177'                                    |  |
|               | 14:00 - 14:30 | 0.50          | RIG  | 2        | CHANGE SWAB #2 PUMP  |  |
|               | 14:30 - 16:30 | 2.00          | DRL  | 2        | DRILL & SLIDE F/ 6177' T/ 6209'                                    |  |
|               | 16:30 - 17:00 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 17:00 - 19:00 | 2.00          | DRL  | 2        | DRILL & SLIDE F/ 6209' T/ 6272'                                    |  |
|               | 19:00 - 19:30 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 19:30 - 22:30 | 3.00          | DRL  | 2        | DRILL & SLIDE F/ 6272' T/6336'                                     |  |
|               | 22:30 - 23:00 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 23:00 - 03:30 | 4.50          | DRL  | 2        | DRILL & SLIDE F/ 6336' T/ 6463'                                    |  |
|               | 03:30 - 04:30 | 1.00          | SUR  | 1        | SURVEY   |  |
|               | 04:30 - 06:00 | 1.50          | DRL  | 2        | DRILL & SLIDE F/ 6463' T6475'                                      |  |
|               | 5/29/2007     | 06:00 - 06:30 | 0.50 | DRL      | 2  | DRILL & SLIDE F/ 6475' T/ 6495'        |
| 06:30 - 07:00 |               | 0.50          | SUR  | 1        | SURVEY.  |  |
| 07:00 - 09:00 |               | 2.00          | DRL  | 2        | DRILL & SLIDE. F/ 6495' T/ 6559'                                   |  |
| 09:00 - 09:30 |               | 0.50          | SUR  | 1        | SURVEY   |  |
| 09:30 - 10:30 |               | 1.00          | DRL  | 2        | SLIDE F/ 6559' T/ 6563'  |  |
| 10:30 - 11:00 |               | 0.50          | OTH  |          | TROUBLE SHOOT MWD.   |  |
| 11:00 - 12:00 |               | 1.00          | CIRC | 1        | CIRC HIGH WT SWEEP   |  |
| 12:00 - 16:00 |               | 4.00          | TRP  | 13       | TRIP F/ MWD. ( IRON CUTING FROM CUTING NEW THREADS ON DP TOP MWD.) |  |
| 16:00 - 17:00 |               | 1.00          | DRL  | 3        | CHANGE MWD TOOL. & BIT   |  |
| 17:00 - 20:00 |               | 3.00          | TRP  | 2        | TRIP IN HOLE. ( BRIDGE @ 6336')                                    |  |
| 20:00 - 00:00 |               | 4.00          | DRL  | 2        | DRILL & SLIDE F/ 6563' T/ 6654'                                    |  |
| 00:00 - 00:30 |               | 0.50          | SUR  | 1        | SURVEY   |  |
| 5/30/2007     |               | 00:30 - 03:00 | 2.50 | DRL      | 2  | DRILL & SLIDE F/ 6654' T/ 6750' ( ROT) |
|               | 03:00 - 03:30 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 03:30 - 06:00 | 2.50          | DRL  | 2        | DRILL & SLIDE F/ 6750' T/6820' ( ROT)                              |  |
|               | 06:00 - 06:30 | 0.50          | DRL  | 2        | DRILL F/ 6820' T/ 6884' ( ROT)                                     |  |
|               | 06:30 - 07:00 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 07:00 - 07:30 | 0.50          | DRL  | 2        | DRILL F/ 6884' T/ 6876' ( PUMP WT SWEEP )                          |  |
|               | 07:30 - 08:00 | 0.50          | RIG  | 1        | RIG SERVICE.   |  |
|               | 08:00 - 15:00 | 7.00          | DRL  | 2        | DRILL F/ 6876' T/ 7066' ( SLIDE 10' )                              |  |
|               | 15:00 - 15:30 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 15:30 - 19:00 | 3.50          | DRL  | 2        | DRILL F/ 7066' T/ 7194'  |  |
|               | 19:00 - 19:30 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 19:30 - 00:00 | 4.50          | DRL  | 2        | DRILL F/ 7194' T/ 7385'  |  |
|               | 00:00 - 00:30 | 0.50          | SUR  | 1        | SURVEY.  |  |
| 5/31/2007     | 00:30 - 05:30 | 5.00          | DRL  | 2        | DRILL F/ 7385' T / 7481' ( SLIDE 9' ) PUMP WT SWEEP                |  |
|               | 05:30 - 06:00 | 0.50          | TRP  | 14       | TRIP OUT TO CHANGE DP RUBBERS & PUSH PIPE                          |  |
|               | 06:00 - 12:30 | 6.50          | TRP  | 15       | TRIP OUT TO PUSH PIPE. CHANGE PUSH PIPE & RUBBERS.                 |  |
|               | 12:30 - 13:00 | 0.50          | REAM | 1        | WASH 60' BTM.  |  |
|               | 13:00 - 15:30 | 2.50          | DRL  | 2        | DRILL F/ 7481' T/ 7545. ( SLIDE 10' )                              |  |
|               | 15:30 - 16:00 | 0.50          | RIG  | 1        | RIG SERVICE.   |  |
|               | 16:00 - 18:30 | 2.50          | DRL  | 2        | DRILL F/ 7545' T/ 7640'  |  |
|               | 18:30 - 19:00 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 19:00 - 00:30 | 5.50          | DRL  | 2        | DRILL F/ 7640' T/ 7831' ( SLIDE 10' SLOW)                          |  |
|               | 00:30 - 01:00 | 0.50          | SUR  | 1        | SURVEY   |  |
|               | 01:00 - 06:00 | 5.00          | DRL  | 2        | DRILL F/ 7831' T/ 8000' ( SLIDE 4' SLOW 4'FPH)                     |  |
|               | 6/1/2007      | 06:00 - 07:30 | 1.50 | DRL      | 2  | DRILL F/ 8000' T/ 8085'                |
|               |               | 07:30 - 08:00 | 0.50 | RIG      | 1  | RIG SERVICE                            |
| 08:00 - 08:30 |               | 0.50          | SUR  | 1        | SURVEY   |  |
| 08:30 - 13:30 |               | 5.00          | DRL  | 2        | DRILL F/ 8085' T/ 8308'  |  |

**Operations Summary Report**

Well Name: SSU 14G-4-8-21  
 Location: 4- 8-S 21-E 26  
 Rig Name: TRUE

Spud Date: 5/14/2007  
 Rig Release: 6/3/2007  
 Rig Number: 26

| Date          | From - To     | Hours         | Code | Sub Code   | Description of Operations  |                        |
|---------------|---------------|---------------|------|--|--|------------------------|
| 6/1/2007      | 13:30 - 14:30 | 1.00          | CIRC | 1  | CIRC SWEEP OUT.  |                        |
|               | 14:30 - 19:30 | 5.00          | TRP  | 15   | TRIP TO CHANGE DP. RUBBERS & PUSH PIPE   |                        |
|               | 19:30 - 20:00 | 0.50          | REAM | 1  | WASH 70' BTM.  |                        |
|               | 20:00 - 23:30 | 3.50          | DRL  | 2  | DRILL F/ 8308' T/ 8403' ( SLIDE 6')  |                        |
|               | 23:30 - 00:00 | 0.50          | SUR  | 1  | SURVEY   |                        |
|               | 00:00 - 03:00 | 3.00          | DRL  | 2  | DRILL 8403' T/ 8466' ( SLIDE 6' )  |                        |
|               | 03:00 - 03:30 | 0.50          | SUR  | 1  | SURVEY   |                        |
|               | 03:30 - 06:00 | 2.50          | DRL  | 2  | DRILL F/ 8466' T/ 8660'  |                        |
|               | 6/2/2007      | 06:00 - 06:30 | 0.50 | DRL  | 2  | ROTATE F/ 8660 T/ 8684 |
|               |               | 06:30 - 07:00 | 0.50 | SUR  | 1  | SURVEY                 |
| 07:00 - 07:30 |               | 0.50          | DRL  | 2  | ROTATE F/ 8684 T/ 8720   |                        |
| 07:30 - 08:00 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 08:00 - 08:30 |               | 0.50          | DRL  | 2  | ROTATE F/ 8720 T/ 8770   |                        |
| 08:30 - 09:00 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 09:00 - 09:30 |               | 0.50          | DRL  | 2  | ROTATE F/ 8770 T/ 8790   |                        |
| 09:30 - 10:00 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 10:00 - 12:00 |               | 2.00          | DRL  | 2  | ROTATE / SLIDE F/ 8790 T/ 8843   |                        |
| 12:00 - 12:30 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 12:30 - 13:30 |               | 1.00          | DRL  | 2  | ROTATE / SLIDE F/ 8843 T/ 8880   |                        |
| 13:30 - 14:00 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 14:00 - 15:00 |               | 1.00          | DRL  | 2  | ROTATE F/ 8880 T/ 8912   |                        |
| 15:00 - 15:30 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 15:30 - 16:00 |               | 0.50          | DRL  | 2  | ROTATE F/ 8912 T/ 8920   |                        |
| 16:00 - 16:30 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 16:30 - 17:00 |               | 0.50          | DRL  | 2  | ROTATE F/ 8920 T/ 8960   |                        |
| 17:00 - 17:30 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 17:30 - 18:00 |               | 0.50          | DRL  | 2  | ROTATE F/ 8960 T/ 9000   |                        |
| 18:00 - 18:30 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 18:30 - 19:00 |               | 0.50          | DRL  | 2  | ROTATE F/ 9000 T/ 9030   |                        |
| 19:00 - 19:30 |               | 0.50          | SUR  | 1  | SURVEY   |                        |
| 19:30 - 20:00 |               | 0.50          | DRL  | 2  | ROTATE / SLIDE F/ 9030 T/ 9102 ,DISCONTINUE DRILLING AT 20.00 HRS WE ARE STARTING TO SEE HOLE PROBLEMS.  |                        |
| 20:00 - 20:30 |               | 0.50          | SUR  | 1  | SURVEY AT 9050 INC- 89.87 AZ- 18.62 T.D.9102   |                        |
| 20:30 - 21:30 |               | 1.00          | CIRC | 1  | MIX PUMP SWEEP FOR SHORT TRIP TO SHOE ,MIX / PUMP PILL FOR SHORT TRIP.   |                        |
| 21:30 - 01:30 |               | 4.00          | TRP  | 14   | SHORT TRIP TO CSG SHOE AT 5916 KBM   |                        |
| 01:30 - 03:30 |               | 2.00          | CIRC | 1  | CIRC / COND HOLE TO LAY DOWN DRLG PIPE   |                        |
| 03:30 - 05:00 |               | 1.50          | TRP  | 3  | TRIP OOH WITH 35 STANDS TO SHOE  |                        |
| 05:00 - 06:00 | 1.00          | CSG           | 1    | RIG UP LAY DOWN EQUIPMENT ,HOLD SAFETY MEETING T.D.WELL AT 2000-HRS 6/1/2007 |  |                        |
| 6/3/2007      | 06:00 - 14:00 | 8.00          | TRP  | 3  | LAY DOWN DRLG PIPE   |                        |
|               | 14:00 - 16:00 | 2.00          | TRP  | 1  | LAY DOWN DIRECTIONAL TOOLS AND BHA   |                        |
|               | 16:00 - 17:00 | 1.00          | CSG  | 1  | RIG DOWN WESTATES CASING LAY DOWN MACHINE  |                        |
|               | 17:00 - 18:00 | 1.00          | DEQ  | 1  | RIG UP CASED HOLE SOLUTIONS WIRELINE ,MAKE UP BAKER MODEL 47B2-WG BRIDGE PLUG.   |                        |
|               | 18:00 - 20:00 | 2.00          | FISH | 4  | BRIDGE PLUG STUCK AT 64' KBM ,WORK STUCK BRIDGE PLUG, CANNOT FREE PLUG AND SETTING TOOL.   |                        |
|               | 20:00 - 22:00 | 2.00          | WOT  | 4  | WAIT ON FISHING TOOLS.   |                        |
|               | 22:00 - 23:30 | 1.50          | FISH | 5  | FISHING TOOLS ON LOCATION ,MAKE UP SIDE DOOR OVERSHOT ,BUMPER SUB ETC.   |                        |
|               | 23:30 - 00:30 | 1.00          | FISH | 5  | TRIP IN HOLE WITH FISHING TOOLS GET A BITE ON FISH CANNOT PULL FISH FREE ,SHEAR THE SHEAR STUD AT 54000 WHILE WORKING TO FREE PLUG.TRIP OOH WITH CCL, SETTING TOOL AND FISHING TOOLS,LEAVING |                        |

**Operations Summary Report**

Well Name: SSU 14G-4-8-21  
 Location: 4- 8-S 21-E 26  
 Rig Name: TRUE

Spud Date: 5/14/2007  
 Rig Release: 6/3/2007  
 Rig Number: 26

| Date     | From - To     | Hours | Code | Sub Code | Description of Operations   |
|----------|---------------|-------|------|----------|---|
| 6/3/2007 | 23:30 - 00:30 | 1.00  | FISH | 5        | THE PLUG IN HOLE.   |
|          | 00:30 - 02:00 | 1.50  | WOT  | 4        | WAIT ON BAKER RETRIEVING TOOL TO RELEASE PLUG.                              |
|          | 02:00 - 03:00 | 1.00  | FISH | 5        | MAKE UP BAKER RETRIEVING TOOL AND BUMPER SUB.                               |
|          | 03:00 - 04:00 | 1.00  | FISH | 5        | TRIP IN HOLE GET ON PLUG ,RELEASE PLUG ,PULL PLUG FREE ,TRIP OOH WITH PLUG. |
|          | 04:00 - 05:30 | 1.50  | FISH | 5        | LAY DOWN PLUG AND FISHING TOOLS.  |
| 6/4/2007 | 05:30 - 06:00 | 0.50  | BOP  | 1        | NIPPLE DOWN BOP TO NIPPLE UP TUBING HEAD.                                   |
|          | 06:00 - 08:00 | 2.00  | BOP  | 1        | NIPPLE DOWN BOP STACK.  |
|          | 08:00 - 10:00 | 2.00  | WHD  | 1        | NIPPLE UP 6"X5000 PSI TUBING HEAD WITH FULL OPEN 6" FRACK VALVE             |
|          | 10:00 - 12:00 | 2.00  | LOC  | 4        | RIG DOWN TRUE-26, WAIT ON TRUCKS RIG RELEASE AT 1200 HRS ,6/4/2007          |
|          |               |       |      |          |   |

CONFIDENTIAL

**Questar E & P** Page 1 of 4  
**Operations Summary Report**

Well Name: SSU 14G-4-8-21 Spud Date: 5/14/2007  
 Location: 4-8-S 21-E 26 Rig Release:  
 Rig Name: **43-049-38436** Rig Number:

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations  |
|-----------|---------------|-------|------|----------|--|
| 6/11/2007 | 06:00 - 16:00 | 10.00 | BOP  | 1        | <p>Completion-Horizontal - Initial report of completion. On 6/8/07, MIRU Gudac Brothers Well Service. SICP = 0#. ND frac valve &amp; NU BOP's. MU &amp; RIH w/ 6-1/8" bit, 7" scraper, 1 jt 2-7/8" &amp; XN Nipple. Tally &amp; rabbit in hole w/ 152 jts new 2-7/8" 6.5# J-55 tbg. Circulated @ 600'. Recovered drilling mud &amp; 2 bbls oil PU pipe to 5053'. SWI for weekend.</p> <p>24 Hour Forecast: POOH, run CBL.</p> <p>Csg Size: 7" 26# J-55<br/>Csg Depth: 5910' MD</p>   |
| 6/12/2007 | 06:00 - 16:00 | 10.00 | TRP  | 2        | <p>Completion-Horizontal - On 6/11/07, SITP = 0#, SICP = 0#. EOT @ 5053'. Circ well w/ 180 bbls 160% 2% KCL. Circulate out drilling mud, gas and oil. Continued flowing full 2" stream up csg &amp; tbg. Roll hole w/ 10# brine and SI for 10 mins. Well died. POOH w/ tbg, bit &amp; scraper. LD bit &amp; scraper. MIRU Cutters Wireline. RIH w/ 7" HE WS-RBP. Set @ 5115'. Pressure test to 1000#. Held. MU &amp; RIH w/ bond tool. FL @ 60'. Run CBL from 5100'. Lost signal @ 1000' due to gas bubble. Wait 1 hour. Flowing 1/2" stream from csg intermittently. Attempt to log from 2000' up. Bond tool showed no fluid @ 1500'. 57 bbls from surface. RU pump to fill wellbore. Fill w/ 4 bbls &amp; pressure up to 500#. Bleed off &amp; RIH w/ bond tool to 2000'. No signal above 1900'. POOH w/ tools &amp; SWIFN.</p> <p>24 Hour Forecast: Bleed off psi, check FL, attempt to run CBL.</p> <p>Csg Size: 7" 26# J-55<br/>Csg Depth: 5910' MD</p> <p>Perfs<br/>G-1 Lime<br/>Open Hole - 5910' - 9012' (3102')</p> |
| 6/13/2007 | 06:00 - 16:00 | 10.00 | TRP  | 2        | <p>Completion-Horizontal - On 6/12/07, SITP = N/A, SICP = 110#. Bled off csg psi. RIH w/ bond tool. FL per bond tool @ 700'. Fill w/ 10 bbls water. RIH &amp; begin CBL/VDL/GR @ 5110'. Log to 1900' &amp; lost signal. Wait 30 mins. No improvement. POOH w/ bond tool. RI w/ 30 stds tbg to 1985'. Circulate 45 bbls oil into flat tank. POOH w/ tbg. Reran CBL from 2000' to 690'. TOC estimated @ 980'. TOC estimated @ 980'. RDMO wireline. MU &amp; RIH w/ ret head, 1 jt 2-7/8", XN Nipple &amp; tbg to 5083'. SWIFN.</p> <p>24 Hour Forecast: Retrieve BP, tag PBTD.</p> <p>Csg Size: 7" 26# J-55<br/>Csg Depth: 5910' MD</p> <p>Perfs<br/>G-1 Lime<br/>Open Hole - 5910' - 9012' (3102')</p>  |
| 6/14/2007 | 06:00 - 16:00 | 10.00 | TRP  | 2        | <p>Completion-Horizontal - On 6/13/07, SITP = 0#, SICP = 0#. EOT @ 5083'. Circ out oil &amp; gas above RBP @ 5115'. Latch onto plug &amp; release. POOH &amp; LD plug. MU &amp; RIH w/ 4-3/4" drag bit, 1 jt 2-7/8", SN Nipple &amp; 274 jts 2-7/8" tbg. Tag PBTD @ 9000' MD. POOH w/ 3 stds, pulling wet. Flush tbg w/ 45 bbls brine. Pull bit to 5858' &amp; SWIFN.</p> <p>24 Hour Forecast: Acidize.</p>  |

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DIV. OF OIL, GAS & MINING

**Operations Summary Report**

Well Name: SSU 14G-4-8-21  
 Location: 4-8-S 21-E 26  
 Rig Name:

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

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations   |
|-----------|---------------|-------|------|----------|---|
| 6/14/2007 | 06:00 - 16:00 | 10.00 | TRP  | 2        | Csg Size: 7" 26# J-55<br>Csg Depth: 5910' MD<br><br>Perfs<br>G-1 Lime<br>Open Hole - 5910' - 9012' (3102')  |
| 6/15/2007 | 06:00 - 16:00 | 10.00 | STIM | 1        | Completion-Horizontal -On 6/14/07, SITP = 50#, SICP = 50#. Bit @ 5858'. Bled well down. Pump 10 bbls brine down tbq. RIH to 8968'. MIRU Halliburton to acidize as follows:<br>Stage 1 - EOT @ 8968' MD. Circulate 51.9 bbls 15% HCL down tbq. SI csg. Break @ 2636#. Pump 10.5 bbls 15% HCL down tbq. Flush w/ 51.9 bbls 2% KCL & 30 bbls 10# brine. Total load = 153 bbls, total acid - 3000 gals 15% HCL. Avg rate = 6.9 BPM, max rate = 7.0 BPM, avg psi = 2500#, max psi = 2700#, ISIP = 440#. FG = .52 psi/ft. Open up csg. Tbg psi dropped to 80# & held. Pump 20 bbls brine down tbq in 2 stages. Tbg psi increased 25# w/ each stage. Opened tbq up to pit. Began flushing acid. Discovered acid valve open on pump truck, lost 1000 gals (23.8 bbls). Bled off tbq until pH-5. Pump 20 bbls brine down tbq. Tbg psi continued to rise. Test brine @ storage tank w/ hydrometer - 9.8 ppg @ 60". Csg left open but not flowing when tbq open. Circulate 260 bbls 2% KCL down tbq @ 5 BPM followed by 50 bbls 10# brine. Circulate out +/- 50 bbls heavy drilling mud, remainder dirty water & trace oil. Tbg died at end of circulating.<br>Stage 2 - EOT @ 8361' MD. Circulate 48.4 bbls 15% HCL down tbq. SI csg. Break @ 1900#. Pump 46.8 bbls 15% HCL down tbq. Flush w/ 48.3 bbls 2% KCL & 30 bbls 10# brine. Total load = 174 bbls, total acid = 4000 gals 15% HCL. Avg rate = 3 bpm, max rate = 6.5 BPM. Avg psi = 1200#, max psi = 2000#. ISIP = 200#. FG = .48 psi/ft. Open up csg. Tbg dropped to 0#. Note: Valve problems on pump trucks caused fluctuations in rate & loss of suction.<br>Stage 3 - EOT @ 7868' MD. Circulate 45.6 bbls 15% HCL down tbq. SI csg. Break @ 2170#. Pump 49.6 bbls 15% HCL down tbq. Flush w/ 45.6 bbls 2% HCL & 30 bbls 10# brine. Total load = 171 bbls, total acid = 4000 gals 15% HCL. Avg rate = 7.0 BPM, max rate = 7.0 BPM, avg psi = 1900#, max psi = 2100#. ISIP = 250#. FG = .48 psi/ft. Open up csg. Tbg dropped to 0#.<br>State 4 - EOT @ 7570' MD. Circulate 43.8 bbls 15% HCL down tbq. SI csg. Break @ 2100#. Pump 51.4 bbls 15% HCL down tbq. Flush w/ 43.8 bbls 2% KCL & 30 bbls 10# brine. Total load = 169 bbls, total acid = 4000 gals 15% HCL. Avg rate = 7.0 BPM, max rate = 7.1 BPM, avg psi = 2000#, max psi = 2150#, ISIP + 250#. FG = .48 psi/ft. Open up csg. Tbg dropped to 0#.<br>State 5 - EOT @ 6715' MD. Circulate 43.8 bbls 15% HCL down tbq. SI csg. Break @ 2050#. Pump 68.2 bbls 15% HCL down tbq. Flush w/ 38.9 bbls 2% KCL & 30 bbls 10# brine. Total load = 176 bbls, total acid = 4500 gals 15% HCL. Avg rate = 6.9 BPM, max rate = 7.1 BPM, avg psi = 1900#, max psi = 2000#. ISIP = 280#, FG = .49 psi/ft. Open up csg. Tbg dropped to 0#.<br>Stage 6 - EOT @ 6219' MD. Circulate 36.0 bbls 15% HCL down tbq. SI csg. Break @ 2000#. Pump 71.1 bbls 15% HCL down tbq. Flush w/ 36 bbls 2% KCL & 30 bbls 10# brine. Total load = 173 bbls, total acid = 4500 gals 15% HCL. Avg rate = 6.9 BPM, max rate = 7.0 BPM, avg psi = 1800#, max psi = 1950#, ISIP = 250#, FG = .48 PSI/ft. Open up csg. Tbg dropped to 0#. RDMO Halliburton. LD tbq to EOT @ 5139'. SWIFN.<br><br>24 Hour Forecast: Flow back, estimate production.<br><br>LLTR: 916 bbls |

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

Well Name: SSU 14G-4-8-21  
Location: 4-8-S 21-E 26  
Rig Name:

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

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations  |
|-----------|---------------|-------|------|----------|--|
| 6/15/2007 | 06:00 - 16:00 | 10.00 | STIM | 1        | Csg Size: 7" 26# J-55<br>Csg Depth: 5910' MD<br><br>Perfs<br>G-1 Lime<br>Open Hole - 5910' - 9012' (3102')   |
| 6/18/2007 | 06:00 - 16:00 | 10.00 | PTST | 2        | On 6/15/07, SITP = 300#, SICP = 300#. Bit @ 5139'. Open tbg. Flowed 10 bbls water & gas. Began flowing mostly oil.<br>9:00 AM, FTP = 150# on 48/64" choke @ 80 BPH, 70% oil. pH=3.<br>12:00 noon, FTP = 200# on 48/64" choke @ 90 BPH, 95% oil. pH = 4.<br>3:00 PM, FTP = 60# on 48/64" choke (surging) @ 80 BPH, 95% oil. pH = 5.<br>SWI for weekend.<br><br>Total recovery today 665 bbls: 565 bbls oil, 100 bbls acid/water. Hauled 390 bbls oil to Battery 5. Estimated load left to recover = 816 bbls.<br><br>24 Hour Forecast: Run production string.<br><br>LLTR: 816 bbls<br><br>Csg Size: 7" 26# J-55<br>Csg Depth: 5910' MD<br><br>Perfs<br>G-1 Lime<br>Open Hole - 5910' - 9012' (3102') |
| 6/19/2007 | 06:00 - 16:00 | 10.00 | TRP  | 2        | On 6/18/07 - SITP = 600#, SICP = 700#. Bit @ 5139'. Bled well down. Flowing 100% oil. Roll hole w/ 190 bbls 160" 10# brine. Recovered 170 bbls oil. POOH w/ 4-3/4" bit & LD. MU & RIH w/ pinned NC, 1 jt, SN, 12 jts boronized tbg, 7" TAC & 184 jts 2-7/8" tbg. ND WH & set anchor @ 5086' w/ 14M tension. Land tbg on B-1 adapter. NU WH. Spot 8 bbls Xysol to end of tbg. Prepare rods for running. SWIFN.<br><br>Hauled 120 bbls oil to Battery 5. Estimated load left to recover = 816 bbls.<br><br>24 Hour Forecast: Run pump & rods.<br><br>Csg Size: 7" 26# J-55<br>Csg Depth: 5910' MD<br><br>Perfs<br>G-1 Lime<br>Open Hole - 5910' - 9012' (3102')  |
|           |               |       |      |          | <b>Tbg Detail</b><br>KB 12.0<br>Stretch 1.5<br>154 jts new 6.5# J-55 tbg 5070.89<br>7" TAC 2.33<br>12 jts 2-7/8" 6.5# boronized tbg 379.32<br>PSN 1.10<br>1 Jt 2-7/8" tbg 32.64<br>Pinned NC 0.45  |

**Operations Summary Report**

Well Name: SSU 14G-4-8-21  
 Location: 4- 8-S 21-E 26  
 Rig Name:

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

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations   |
|-----------|---------------|-------|------|----------|---|
| 6/19/2007 | 06:00 - 16:00 | 10.00 | TRP  | 2        | Tbg Tail @ 5500.23<br>Completion- Horizontal - On 6/19/07 SITP = 450#, SICP = 300#. RU Hot Oiler & flush tbg w/ 45 bbls 160° brine. Bucket test pump. RIH w/ pump & rods. Space out as detailed below. Csg flowed oil while running rods. Fill tbg w/3 bbls 2%. Long stroke to 850#. Held. Hang rods onto unit. RDMO Gudac Brothers Well Service. Well turned to production. FINAL REPORT OF COMPLETION.<br><br>Hauled 180 bbls heated oil to Battery 5. Total oil hauled to sales in last three days = 690 bbls.,<br><br>Csg Size: 7" 26# J-55<br>Csg Depth: 5910' MD<br><br>Perfs<br>G-1 Lime<br>Open Hole - 5910' - 9012' (3102')<br><br>Tbg Detail<br>KB 12.0<br>Stretch 1.5<br>154 jts new 6.5# J-55 tbg 5070.89<br>7" TAC 2.33<br>12 jts 2-7/8" 6.5# boronized tbg 379.32<br>PSN 1.10<br>1 Jt 2-7/8" tbg 32.64<br>Pinned NC 0.45<br>Tbg Tail @ 5500.23<br><br>Rod & Pump Detail:<br>1-1/2" x 26' Polish Rod<br>1 - 7/8" x 6' Pony<br>1 - 7/8" x 8' Pony<br>88 - 7/8" plain<br>110 - 3/4" plain<br>16 - 3/4" Guided<br>Pump: 2-1/2 x 1-3/4 x 20 x 20-1/2 x 21 RHAC<br>Weatherford #2086, 174" Stroke |
| 6/20/2007 | 06:00 - 16:00 | 10.00 | LOC  | 4        |   |

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

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

2. NAME OF OPERATOR **QUESTAR EXPLORATION & PRODUCTION CO.**

3. ADDRESS OF OPERATOR **11002 EAST 17500 SOUTH - VERNAL, UT 84078** Contact: **Dahn Caldwell 435-781-4342** Fax # **435.781.4357**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface **686' FSL, 2008' FWL, SESW, SEC 4-T8S-R21E**  
 At top rod. interval reported below  
 At total depth **1028 fml 2091 fel**  
**1346' FNL, 2090' FEL, SWNE, SEC 4-T8S-R21E**

14. PERMIT NO. **43-047-38436** DATE ISSUED \_\_\_\_\_  
 12. COUNTY OR PARISH **UINTAH** 13. STATE **UT**

15. DATE SPUNDED **5/12/07** 16. DATE TD REACHED **6/1/07** 17. DATE COMPL. (Ready to prod.) **6/19/07** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **5682' VERT - 9022' HORIZ** 21. PLUG BACK TD, MD & TVD **HORIZ - 9000' MD** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*  
**OPEN HOLE - 5910' - 9012'**

25. WAS DIRECTIONAL SURVEY MADE **YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN **GR/CBL, SPECTRAL DENSITY DSN, ARRAY COM. TRUE RESISTIVITY** 27. WAS WELL CORED **NO**

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 9-5/8"      | 36#             | 479'           | 12-1/4"   | 225 SXS          |               |
| 7"          | 26#             | 5910'          | 8-3/4"    | 535 SXS          |               |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 5440'          |                 |

31. PERFORATION RECORD (Interval, size and number)  
**OPEN HOLE - 6-1/8" - 5910' - 9012' (3102')** **GRPV**  
**KICK-OFF POINT - 5100'**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) **5910' - 9012'** AMOUNT AND KIND OF MATERIAL USED **ACIDIZED W/ 24,000 GALS 15% HCL**

33.\* PRODUCTION  
 DATE FIRST PRODUCTION **6/20/07** PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **PRODUCING**

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL-BBL. | GAS-MCF. | WATER-BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|------------------------|----------|----------|------------|---------------|
| 6/23/07      | 24           |            |                        | 325      | 0        | 50         |               |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL-BBL. | GAS-MCF | WATER-BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|---------|------------|-------------------------|
| 240#                | 140#            |                         |          |         |            |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **SOLD** TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS **WELLBORE SCHEMATIC & DEVIATION SUMMARY**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED **JIM SIMONTON** *Jim Simonton* COMPLETION SUPERVISOR DATE **8/31/07**

(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 submit 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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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):

38. GEOLOGIC MARKERS  
SSU 14G 4 8 21

| FORMATION      | TOP     | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|----------------|---------|--------|-----------------------------|
| UINTA          | SURFACE |        |                             |
| GREEN RIVER    | 2700'   |        |                             |
| KICK-OFF POINT | 5117'   |        |                             |
| G1-LIME        | 5589'   |        |                             |
| TD             | 5682'   |        |                             |

| NAME           | TOP         |                  |
|----------------|-------------|------------------|
|                | MEAS. DEPTH | TRUE VERT. DEPTH |
| UINTA          | SURFACE     |                  |
| GREEN RIVER    | 2700'       |                  |
| KICK-OFF POINT | 5117'       |                  |
| G1-LIME        | 5589'       |                  |
| TD             | 5682'       |                  |

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| <b>FIELD:</b> Stirrup South Unit  | <b>GL:</b> 4775 ' <b>KBE:</b> 4787 '                | <b>Spud date:</b> 4-14-07   | <b>Completion Date:</b> 6-19-07 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
|---|---|---|---------------------------------|-------------|------|---------|--------------|----|------------|-----------|-------|---------|-----------|------|-------|----------------------|--------|---------|---------|-----|-------|------|---------|--------------------------|--------|--------|---------|-----|--------|------|---------|---------------|--------|-------|---------|-----------|--------|------|---------|--|--|--|---------|------------|--|
| <b>Well:</b> SSU 14G-4-8-21   | <b>TD-Hor</b> 9012 ' MD <b>'BTD-Horiz</b> 9000 ' MD | <b>Current Well Status:</b> Pumping Oil Well  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| Location at surface 686' FSL, 2008', FWL, SESW Sec 4, T8S, R21E<br>API # 43-047-38436<br>Uintah County, Utah  |   | Reason for Pull/Workover:<br>Initial Completion   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <b>Wellbore Schematic</b>   |   | <b>Deviation: 87° @ 5910'</b>   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>Surface casing</b><br/>Size: 9-5/8"<br/>Weight: 36#<br/>Grade J-55<br/>Set @ 479'<br/>Cemented w/225 skt</p> </div> <div style="width: 45%;"> <p>TOC - 980'</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p><u>EXCLUDED PERFS</u></p> </div> <div style="width: 45%;"> <p><u>OPEN PERFS</u></p> </div> </div>                        |   | <b>Tubing Landing Detail:</b>   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
|   |   | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Description</th> <th>Size</th> <th>Footage</th> <th>Depth</th> </tr> </thead> <tbody> <tr><td>KB</td><td></td><td>12.00</td><td>12.00</td></tr> <tr><td>Tension</td><td></td><td>1.50</td><td>13.50</td></tr> <tr><td>154' Jts J-55 tubing</td><td>2-7/8"</td><td>5010.37</td><td>5023.87</td></tr> <tr><td>TAC</td><td>7"</td><td>2.33</td><td>5026.20</td></tr> <tr><td>12' Jts boronized tubing</td><td>2-7/8"</td><td>379.32</td><td>5405.52</td></tr> <tr><td>PSN</td><td>2-7/8"</td><td>1.10</td><td>5406.62</td></tr> <tr><td>1' Jts tubing</td><td>2-7/8"</td><td>32.64</td><td>5439.26</td></tr> <tr><td>Pinned NC</td><td>2-7/8"</td><td>0.45</td><td>5439.71</td></tr> <tr><td></td><td></td><td></td><td>5439.71</td></tr> <tr><td><b>EOT</b></td><td></td><td></td><td><b>5439.71</b></td></tr> </tbody> </table> |                                 | Description | Size | Footage | Depth        | KB |            | 12.00     | 12.00 | Tension |           | 1.50 | 13.50 | 154' Jts J-55 tubing | 2-7/8" | 5010.37 | 5023.87 | TAC | 7"    | 2.33 | 5026.20 | 12' Jts boronized tubing | 2-7/8" | 379.32 | 5405.52 | PSN | 2-7/8" | 1.10 | 5406.62 | 1' Jts tubing | 2-7/8" | 32.64 | 5439.26 | Pinned NC | 2-7/8" | 0.45 | 5439.71 |  |  |  | 5439.71 | <b>EOT</b> |  |
| Description   | Size  | Footage   | Depth                           |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| KB  |   | 12.00   | 12.00                           |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| Tension   |   | 1.50  | 13.50                           |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 154' Jts J-55 tubing  | 2-7/8"  | 5010.37   | 5023.87                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| TAC   | 7"  | 2.33  | 5026.20                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 12' Jts boronized tubing  | 2-7/8"  | 379.32  | 5405.52                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| PSN   | 2-7/8"  | 1.10  | 5406.62                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 1' Jts tubing   | 2-7/8"  | 32.64   | 5439.26                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| Pinned NC   | 2-7/8"  | 0.45  | 5439.71                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
|   |   |   | 5439.71                         |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <b>EOT</b>  |   |   | <b>5439.71</b>                  |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p><b>Production casing</b><br/>Size: 7"<br/>Weight: 26#<br/>Grade: J-55<br/>Set @ 5910'<br/>Cemented w/535 skt</p> </div> <div style="width: 45%;"> <p>TAC @ 5028 '<br/><br/>PSN @ 5407 '<br/>EOT @ 5440 '</p> </div> </div> <div style="margin-top: 20px;"> <p>Hole size 8-3/4"</p> </div> <div style="margin-top: 20px;"> <p><b>Open Hole</b><br/>Size: 6-1/8"<br/>5910' - 9012' (3102')</p> </div> |   | <p><b>Tubing Information</b><br/>Condition: _____<br/>New: <input checked="" type="checkbox"/> Used: _____ Rerun: _____<br/>Grade: J-55<br/>Weight (#/ft): 8.50</p>   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
|   |   | <p><b>Sucker Rod Detail:</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Size</th> <th>Rods</th> <th>Type</th> </tr> </thead> <tbody> <tr><td>1-1/2" x 26'</td><td>1</td><td>Polish rod</td></tr> <tr><td>7/8" x 6'</td><td>1</td><td>Pony</td></tr> <tr><td>7/8" x 8'</td><td>1</td><td>Pony</td></tr> <tr><td>7/8"</td><td>88</td><td>Plain</td></tr> <tr><td>3/4"</td><td>###</td><td>Plain</td></tr> <tr><td>3/4"</td><td>16</td><td>Guided</td></tr> </tbody> </table>  |                                 | Size        | Rods | Type    | 1-1/2" x 26' | 1  | Polish rod | 7/8" x 6' | 1     | Pony    | 7/8" x 8' | 1    | Pony  | 7/8"                 | 88     | Plain   | 3/4"    | ### | Plain | 3/4" | 16      | Guided                   |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| Size  | Rods  | Type  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 1-1/2" x 26'  | 1   | Polish rod  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 7/8" x 6'   | 1   | Pony  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 7/8" x 8'   | 1   | Pony  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 7/8"  | 88  | Plain   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 3/4"  | ###   | Plain   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| 3/4"  | 16  | Guided  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <p><b>Open Hole completion.</b></p>   |   | <p><b>Rod Information</b><br/>Condition: _____<br/>New: _____ Reconditioned <input checked="" type="checkbox"/> Rerun: _____<br/>Grade: D<br/>Manufacture: _____</p>  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
|   |   | <p><b>Pump Information:</b><br/>Pump size: 2-1/2 x 1-3/4 x 20 x 20-1/2 x 21 RHAC<br/>Make &amp; SN Weatherford #2086<br/>Max Stroke 174"    Run Date: 6-19-07<br/>Rerun: _____ New Run: _____ Rebuild: <input checked="" type="checkbox"/></p>  |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <p><b>Kick off point - 5100'</b><br/><b>Horizontal @ 5910'.</b><br/><b>87 degree angle.</b></p>   |   | <p><b>Summary</b><br/>Acidized open hole w/24,000 gals 15% HCl.</p>   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
|   |   | <p><b>Other:</b><br/>Hanger: Yes _____ No <input checked="" type="checkbox"/></p>   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |
| <p><b>Wellhead Detail:</b> Example: 7-1/16" 3000#<br/>7-1/16" 5000#</p>   |   | <p><b>Prepared By:</b> Jane Pennell    <b>Date:</b> 8-15-07</p>   |                                 |             |      |         |              |    |            |           |       |         |           |      |       |                      |        |         |         |     |       |      |         |                          |        |        |         |     |        |      |         |               |        |       |         |           |        |      |         |  |  |  |         |            |  |

CONFIDENTIAL

Deviation Summary

| Well Name: SSU 14G-4-8-21      |          |           |             |     |                              |          |                         |                    |               | S/T #                                 | V.S. AZI (°) |
|--------------------------------|----------|-----------|-------------|-----|------------------------------|----------|-------------------------|--------------------|---------------|---------------------------------------|--------------|
| TMD: 9,102.0 (ft)              |          |           |             |     | TVD: 5,681.83 (ft)           |          | Location: 4-8-S 21-E 26 |                    |               | OH                                    | 20.00        |
| Closure Distance: 3,803.8 (ft) |          |           |             |     | Closure Direction: 18.65 (°) |          | Spud Date: 5/14/2007    |                    |               | Calculation Method: Minimum Curvature |              |
| S/T #                          | TMD (ft) | Angle (°) | Azimuth (°) | CTM | TVD (ft)                     | N-S (ft) | E-W (ft)                | Vert. Section (ft) | DLS (°/100ft) | BUR (°/100ft)                         | Type         |
| OH                             | 0.0      | 0.00      | 0.00        | NYN | 0.00                         | 0.00     | 0.00                    | 0.00               | 0.00          | 0.00                                  | TOT          |
| OH                             | 241.0    | 1.00      | 0.00        | YNN | 240.99                       | 2.10     | 0.00                    | 1.98               | 0.41          | 0.41                                  | TOT          |
| OH                             | 437.0    | 1.00      | 0.00        | YNN | 436.96                       | 5.52     | 0.00                    | 5.19               | 0.00          | 0.00                                  | TOT          |
| OH                             | 993.0    | 0.50      | 0.00        | YNN | 992.91                       | 12.80    | 0.00                    | 12.03              | 0.09          | -0.09                                 | TOT          |
| OH                             | 1,785.0  | 0.50      | 0.00        | YNN | 1,784.88                     | 19.71    | 0.00                    | 18.52              | 0.00          | 0.00                                  | TOT          |
| OH                             | 2,546.0  | 1.75      | 0.00        | YNN | 2,545.72                     | 34.65    | 0.00                    | 32.56              | 0.16          | 0.16                                  | TOT          |
| OH                             | 3,051.0  | 2.00      | 0.00        | YNN | 3,050.45                     | 51.18    | 0.00                    | 48.09              | 0.05          | 0.05                                  | TOT          |
| OH                             | 3,560.0  | 2.00      | 0.00        | YNN | 3,559.14                     | 68.94    | 0.00                    | 64.78              | 0.00          | 0.00                                  | TOT          |
| OH                             | 3,652.0  | 2.29      | 167.73      | YNN | 3,651.11                     | 68.75    | 0.39                    | 64.74              | 4.64          | 0.32                                  | MWD          |
| OH                             | 3,938.0  | 2.11      | 175.73      | YNN | 3,936.90                     | 57.92    | 2.00                    | 55.11              | 0.12          | -0.06                                 | MWD          |
| OH                             | 4,223.0  | 1.85      | 156.13      | YNN | 4,221.74                     | 48.48    | 4.25                    | 47.01              | 0.25          | -0.09                                 | MWD          |
| OH                             | 4,507.0  | 2.11      | 167.21      | YNN | 4,505.57                     | 39.19    | 7.26                    | 39.31              | 0.16          | 0.09                                  | MWD          |
| OH                             | 4,791.0  | 1.93      | 167.56      | YNN | 4,789.39                     | 29.42    | 9.45                    | 30.88              | 0.06          | -0.06                                 | MWD          |
| OH                             | 5,023.0  | 2.02      | 162.81      | YNN | 5,021.25                     | 21.70    | 11.50                   | 24.32              | 0.08          | 0.04                                  | MWD          |
| OH                             | 5,055.0  | 1.32      | 149.10      | NYN | 5,053.00                     | 93.03    | 14.75                   | -82.38             | 2.50          | -2.19                                 | MWD          |
| OH                             | 5,087.0  | 1.93      | 46.18       | YNN | 5,084.99                     | 93.09    | 15.33                   | 92.72              | 8.03          | 1.91                                  | MWD          |
| OH                             | 5,119.0  | 4.48      | 25.53       | YNN | 5,116.94                     | 94.59    | 16.26                   | 94.44              | 8.62          | 7.97                                  | MWD          |
| OH                             | 5,151.0  | 7.12      | 20.69       | YNN | 5,148.77                     | 97.57    | 17.50                   | 97.67              | 8.38          | 8.25                                  | MWD          |
| OH                             | 5,184.0  | 9.32      | 20.87       | YNN | 5,181.43                     | 101.98   | 19.17                   | 102.39             | 6.67          | 6.67                                  | MWD          |
| OH                             | 5,216.0  | 12.31     | 18.76       | YNN | 5,212.86                     | 107.63   | 21.19                   | 108.39             | 9.42          | 9.34                                  | MWD          |
| OH                             | 5,247.0  | 16.27     | 19.73       | YNN | 5,242.90                     | 114.85   | 23.72                   | 116.04             | 12.80         | 12.77                                 | MWD          |
| OH                             | 5,279.0  | 19.60     | 19.11       | YNN | 5,273.34                     | 124.15   | 26.99                   | 125.89             | 10.42         | 10.41                                 | MWD          |
| OH                             | 5,311.0  | 23.13     | 19.11       | YNN | 5,303.13                     | 135.16   | 30.81                   | 137.55             | 11.03         | 11.03                                 | MWD          |
| OH                             | 5,343.0  | 26.47     | 16.83       | YNN | 5,332.18                     | 147.93   | 34.93                   | 150.96             | 10.86         | 10.44                                 | MWD          |
| OH                             | 5,374.0  | 29.28     | 12.26       | YNN | 5,359.58                     | 161.96   | 38.54                   | 165.37             | 11.38         | 9.06                                  | MWD          |
| OH                             | 5,406.0  | 32.10     | 8.39        | YNN | 5,387.10                     | 178.02   | 41.45                   | 181.46             | 10.76         | 8.81                                  | MWD          |
| OH                             | 5,438.0  | 36.93     | 5.58        | YNN | 5,413.46                     | 196.01   | 43.62                   | 199.11             | 15.89         | 15.09                                 | MWD          |
| OH                             | 5,470.0  | 43.35     | 6.98        | YNN | 5,437.91                     | 216.50   | 45.89                   | 219.14             | 20.26         | 20.06                                 | MWD          |
| OH                             | 5,500.0  | 49.33     | 7.77        | YNN | 5,458.61                     | 238.01   | 48.69                   | 240.31             | 20.02         | 19.93                                 | MWD          |
| OH                             | 5,532.0  | 56.10     | 8.91        | YNN | 5,477.99                     | 263.19   | 52.39                   | 265.23             | 21.34         | 21.16                                 | MWD          |
| OH                             | 5,564.0  | 62.61     | 10.76       | YNN | 5,494.29                     | 290.30   | 57.10                   | 292.32             | 20.94         | 20.34                                 | MWD          |
| OH                             | 5,577.0  | 64.19     | 11.02       | YNN | 5,500.11                     | 301.71   | 59.30                   | 303.80             | 12.28         | 12.15                                 | MWD          |
| OH                             | 5,595.0  | 65.51     | 12.34       | YNN | 5,507.76                     | 317.66   | 62.60                   | 319.92             | 9.89          | 7.33                                  | MWD          |

Deviation Summary

Well Name: SSU 14G-4-8-21  
 TMD: 9,102.0 (ft)  
 Closure Distance: 3,803.8 (ft)

TVD: 5,681.83 (ft)  
 Closure Direction: 18.65 (°)

Location: 4-8-S 21-E 26  
 Spud Date: 5/14/2007  
 Calculation Method: Minimum Curvature

|       |              |
|-------|--------------|
| S/T # | V.S. AZI (°) |
| OH    | 20.00        |

| S/T # | TMD (ft) | Angle (°) | Azimuth (°) | CTM | TVD (ft) | N-S (ft) | E-W (ft) | Vert. Section (ft) | DLS (°/100ft) | BUR (°/100ft) | Type |
|-------|----------|-----------|-------------|-----|----------|----------|----------|--------------------|---------------|---------------|------|
| OH    | 5,627.0  | 67.97     | 14.80       | YNN | 5,520.40 | 346.24   | 69.50    | 349.13             | 10.44         | 7.69          |      |
| OH    | 5,659.0  | 71.05     | 16.21       | YNN | 5,531.60 | 375.12   | 77.52    | 379.01             | 10.47         | 9.63          |      |
| OH    | 5,690.0  | 73.60     | 17.70       | YNN | 5,541.01 | 403.36   | 86.13    | 408.50             | 9.41          | 8.23          |      |
| OH    | 5,722.0  | 75.45     | 18.67       | YNN | 5,549.55 | 432.66   | 95.76    | 439.32             | 6.48          | 5.78          |      |
| OH    | 5,754.0  | 77.65     | 19.90       | YNN | 5,556.99 | 462.04   | 106.04   | 470.44             | 7.83          | 6.88          |      |
| OH    | 5,785.0  | 78.61     | 20.96       | YNN | 5,563.37 | 490.46   | 116.63   | 500.77             | 4.56          | 3.10          |      |
| OH    | 5,817.0  | 80.99     | 21.66       | YNN | 5,569.04 | 519.80   | 128.07   | 532.26             | 7.74          | 7.44          |      |
| OH    | 5,848.0  | 82.04     | 21.92       | YNN | 5,573.61 | 548.27   | 139.45   | 562.90             | 3.49          | 3.39          |      |
| OH    | 5,871.0  | 83.89     | 48.73       | YNN | 5,576.48 | 566.71   | 152.54   | 584.71             | 115.95        | 8.04          |      |
| OH    | 5,902.0  | 86.88     | 61.12       | YNN | 5,578.98 | 584.43   | 177.78   | 609.98             | 40.98         | 9.65          |      |
| OH    | 5,934.0  | 88.55     | 22.27       | YNN | 5,580.31 | 607.85   | 198.63   | 639.13             | 121.41        | 5.22          |      |
| OH    | 6,316.0  | 86.53     | 18.93       | YNN | 5,596.71 | 985.02   | 332.89   | 1,020.68           | 1.02          | -0.53         |      |
| OH    | 6,348.0  | 86.79     | 19.81       | YNN | 5,598.57 | 995.16   | 343.49   | 1,052.62           | 2.86          | 0.81          |      |
| OH    | 6,380.0  | 87.14     | 19.81       | YNN | 5,600.27 | 1,025.22 | 354.32   | 1,084.58           | 1.09          | 1.09          |      |
| OH    | 6,412.0  | 87.14     | 19.99       | YNN | 5,601.86 | 1,055.28 | 365.20   | 1,116.54           | 0.56          | 0.00          |      |
| OH    | 6,443.0  | 87.58     | 20.08       | YNN | 5,603.29 | 1,084.37 | 375.81   | 1,147.51           | 1.45          | 1.42          |      |
| OH    | 6,475.0  | 89.16     | 20.43       | YNN | 5,604.20 | 1,114.38 | 386.88   | 1,179.49           | 5.06          | 4.94          |      |
| OH    | 6,507.0  | 89.69     | 20.87       | YNN | 5,604.52 | 1,144.32 | 398.16   | 1,211.49           | 2.15          | 1.66          |      |
| OH    | 6,539.0  | 90.22     | 21.04       | YNN | 5,604.55 | 1,174.20 | 409.61   | 1,243.48           | 1.74          | 1.66          |      |
| OH    | 6,570.0  | 88.20     | 20.78       | YNN | 5,604.98 | 1,203.16 | 420.67   | 1,274.47           | 6.57          | -6.52         |      |
| OH    | 6,602.0  | 87.67     | 19.99       | YNN | 5,606.13 | 1,233.13 | 431.81   | 1,306.45           | 2.97          | -1.66         |      |
| OH    | 6,634.0  | 88.11     | 19.99       | YNN | 5,607.31 | 1,263.18 | 442.74   | 1,338.43           | 1.38          | 1.38          |      |
| OH    | 6,666.0  | 88.55     | 20.52       | YNN | 5,608.24 | 1,293.19 | 453.81   | 1,370.42           | 2.15          | 1.38          |      |
| OH    | 6,698.0  | 88.02     | 20.43       | YNN | 5,609.20 | 1,323.16 | 465.00   | 1,402.40           | 1.68          | -1.66         |      |
| OH    | 6,729.0  | 88.02     | 19.46       | YNN | 5,610.27 | 1,352.28 | 475.57   | 1,433.38           | 3.13          | 0.00          |      |
| OH    | 6,792.0  | 88.20     | 19.37       | YNN | 5,612.35 | 1,411.66 | 496.50   | 1,496.34           | 0.32          | 0.29          |      |
| OH    | 6,824.0  | 88.29     | 19.37       | YNN | 5,613.33 | 1,441.84 | 507.11   | 1,528.33           | 0.28          | 0.28          |      |
| OH    | 6,856.0  | 88.20     | 19.64       | YNN | 5,614.31 | 1,471.99 | 517.79   | 1,560.31           | 0.89          | -0.28         |      |
| OH    | 6,888.0  | 88.11     | 19.73       | YNN | 5,615.34 | 1,502.10 | 528.56   | 1,592.29           | 0.40          | -0.28         |      |
| OH    | 6,919.0  | 88.37     | 19.99       | YNN | 5,616.29 | 1,531.25 | 539.09   | 1,623.28           | 1.19          | 0.84          |      |
| OH    | 6,951.0  | 88.81     | 20.87       | YNN | 5,617.08 | 1,561.22 | 550.26   | 1,655.27           | 3.07          | 1.38          |      |
| OH    | 6,983.0  | 89.08     | 21.04       | YNN | 5,617.67 | 1,591.10 | 561.70   | 1,687.26           | 1.00          | 0.84          |      |
| OH    | 7,014.0  | 88.46     | 20.08       | YNN | 5,618.33 | 1,620.12 | 572.58   | 1,718.25           | 3.69          | -2.00         |      |

Deviation Summary

|                                |                              |                                       |              |
|--------------------------------|------------------------------|---------------------------------------|--------------|
| Well Name: SSU 14G-4-8-21      | Location: 4-8-S 21-E 26      | S/T #                                 | V.S. AZI (°) |
| TMD: 9,102.0 (ft)              | TVD: 5,681.83 (ft)           | OH                                    | 20.00        |
| Closure Distance: 3,803.8 (ft) | Closure Direction: 18.65 (°) | Calculation Method: Minimum Curvature |              |

| S/T # | TMD (ft) | Angle (°) | Azimuth (°) | CTM | TVD (ft) | N-S (ft) | E-W (ft) | Vert. Section (ft) | DLS (°/100ft) | BUR (°/100ft) | Type |
|-------|----------|-----------|-------------|-----|----------|----------|----------|--------------------|---------------|---------------|------|
| OH    | 7,046.0  | 88.64     | 20.08       | YNN | 5,619.14 | 1,650.17 | 583.57   | 1,750.24           | 0.56          | 0.56          |      |
| OH    | 7,078.0  | 88.72     | 20.34       | YNN | 5,619.88 | 1,680.19 | 594.62   | 1,782.23           | 0.85          | 0.25          |      |
| OH    | 7,110.0  | 88.72     | 20.52       | YNN | 5,620.59 | 1,710.17 | 605.78   | 1,814.22           | 0.56          | 0.00          |      |
| OH    | 7,142.0  | 88.72     | 20.43       | YNN | 5,621.31 | 1,740.14 | 616.98   | 1,846.21           | 0.28          | 0.00          |      |
| OH    | 7,174.0  | 88.72     | 20.43       | YNN | 5,622.02 | 1,770.12 | 628.14   | 1,878.20           | 0.00          | 0.00          |      |
| OH    | 7,206.0  | 88.81     | 20.17       | YNN | 5,622.71 | 1,800.12 | 639.24   | 1,910.20           | 0.86          | 0.28          |      |
| OH    | 7,238.0  | 88.99     | 20.34       | YNN | 5,623.33 | 1,830.14 | 650.32   | 1,942.19           | 0.77          | 0.56          |      |
| OH    | 7,270.0  | 88.99     | 20.43       | YNN | 5,623.89 | 1,860.13 | 661.46   | 1,974.18           | 0.28          | 0.00          |      |
| OH    | 7,302.0  | 88.81     | 19.55       | YNN | 5,624.50 | 1,890.20 | 672.40   | 2,006.18           | 2.81          | -0.56         |      |
| OH    | 7,333.0  | 88.99     | 19.65       | YNN | 5,625.10 | 1,919.39 | 682.80   | 2,037.17           | 0.66          | 0.58          |      |
| OH    | 7,365.0  | 88.81     | 19.64       | YNN | 5,625.71 | 1,949.53 | 693.55   | 2,069.16           | 0.56          | -0.56         |      |
| OH    | 7,397.0  | 88.99     | 19.90       | YNN | 5,626.33 | 1,979.63 | 704.38   | 2,101.16           | 0.99          | 0.56          |      |
| OH    | 7,429.0  | 88.99     | 20.43       | YNN | 5,626.89 | 2,009.67 | 715.40   | 2,133.15           | 1.66          | 0.00          |      |
| OH    | 7,461.0  | 87.14     | 20.08       | YNN | 5,627.97 | 2,039.67 | 726.48   | 2,165.13           | 5.88          | -5.78         |      |
| OH    | 7,493.0  | 87.23     | 19.99       | YNN | 5,629.54 | 2,069.70 | 737.43   | 2,197.09           | 0.40          | 0.28          |      |
| OH    | 7,525.0  | 87.41     | 19.46       | YNN | 5,631.04 | 2,099.79 | 748.21   | 2,229.06           | 1.75          | 0.56          |      |
| OH    | 7,556.0  | 87.76     | 18.41       | YNN | 5,632.35 | 2,129.08 | 758.26   | 2,260.03           | 3.57          | 1.13          |      |
| OH    | 7,588.0  | 88.02     | 18.85       | YNN | 5,633.53 | 2,159.39 | 768.48   | 2,291.99           | 1.60          | 0.81          |      |
| OH    | 7,620.0  | 88.37     | 18.97       | YNN | 5,634.53 | 2,189.64 | 778.85   | 2,323.97           | 1.16          | 1.09          |      |
| OH    | 7,651.0  | 88.55     | 19.46       | YNN | 5,635.37 | 2,218.91 | 789.04   | 2,354.96           | 1.68          | 0.58          |      |
| OH    | 7,683.0  | 88.90     | 19.81       | YNN | 5,636.08 | 2,249.04 | 799.79   | 2,386.95           | 1.55          | 1.09          |      |
| OH    | 7,715.0  | 88.72     | 19.81       | YNN | 5,636.74 | 2,279.14 | 810.64   | 2,418.94           | 0.56          | -0.56         |      |
| OH    | 7,747.0  | 89.08     | 19.56       | YNN | 5,637.36 | 2,309.26 | 821.41   | 2,450.94           | 1.37          | 1.13          |      |
| OH    | 7,779.0  | 88.46     | 19.02       | YNN | 5,638.04 | 2,339.46 | 831.98   | 2,482.93           | 2.57          | -1.94         |      |
| OH    | 7,810.0  | 87.85     | 18.50       | YNN | 5,639.04 | 2,368.80 | 841.95   | 2,513.90           | 2.59          | -1.97         |      |
| OH    | 7,842.0  | 86.26     | 18.06       | YNN | 5,640.69 | 2,399.14 | 851.97   | 2,545.85           | 5.15          | -4.97         |      |
| OH    | 7,874.0  | 86.35     | 17.97       | YNN | 5,642.75 | 2,429.51 | 861.85   | 2,577.76           | 0.40          | 0.28          |      |
| OH    | 7,906.0  | 86.44     | 17.26       | YNN | 5,644.76 | 2,459.95 | 871.51   | 2,609.67           | 2.23          | 0.28          |      |
| OH    | 7,938.0  | 86.97     | 17.53       | YNN | 5,646.60 | 2,490.43 | 881.06   | 2,641.58           | 1.86          | 1.66          |      |
| OH    | 7,969.0  | 87.23     | 17.70       | YNN | 5,648.17 | 2,519.94 | 890.43   | 2,672.52           | 1.00          | 0.84          |      |
| OH    | 8,001.0  | 87.32     | 17.44       | YNN | 5,649.69 | 2,550.41 | 900.08   | 2,704.45           | 0.86          | 0.28          |      |
| OH    | 8,033.0  | 87.49     | 17.00       | YNN | 5,651.14 | 2,580.95 | 909.54   | 2,736.38           | 1.47          | 0.53          |      |
| OH    | 8,065.0  | 87.32     | 16.74       | YNN | 5,652.59 | 2,611.54 | 918.82   | 2,768.30           | 0.97          | -0.53         |      |

Deviation Summary

| Well Name: SSU 14G-4-8-21             |          |           |             |     |          |          |          |                    |               | Location: 4-8-S 21-E 26 |      |
|---------------------------------------|----------|-----------|-------------|-----|----------|----------|----------|--------------------|---------------|-------------------------|------|
| TMD: 9,102.0 (ft)                     |          |           |             |     |          |          |          |                    |               | Spud Date: 5/14/2007    |      |
| TVD: 5,681.83 (ft)                    |          |           |             |     |          |          |          |                    |               | S/T #                   |      |
| Closure Distance: 3,803.8 (ft)        |          |           |             |     |          |          |          |                    |               | OH                      |      |
| Closure Direction: 18.65 (°)          |          |           |             |     |          |          |          |                    |               | V.S. AZI (°)            |      |
| Calculation Method: Minimum Curvature |          |           |             |     |          |          |          |                    |               | 20.00                   |      |
| S/T #                                 | TMD (ft) | Angle (°) | Azimuth (°) | CTM | TVD (ft) | N-S (ft) | E-W (ft) | Vert. Section (ft) | DLS (°/100ft) | BUR (°/100ft)           | Type |
| OH                                    | 8,097.0  | 87.76     | 16.65       | YNN | 5,653.96 | 2,642.16 | 928.01   | 2,800.22           | 1.40          | 1.38                    |      |
| OH                                    | 8,129.0  | 87.76     | 14.63       | YNN | 5,655.21 | 2,672.95 | 936.63   | 2,832.10           | 6.31          | 0.00                    |      |
| OH                                    | 8,161.0  | 87.67     | 14.01       | YNN | 5,656.49 | 2,703.93 | 944.53   | 2,863.92           | 1.96          | -0.28                   |      |
| OH                                    | 8,193.0  | 88.02     | 14.36       | YNN | 5,657.69 | 2,734.94 | 952.37   | 2,895.73           | 1.55          | 1.09                    |      |
| OH                                    | 8,224.0  | 88.99     | 14.96       | YNN | 5,658.50 | 2,764.91 | 960.22   | 2,926.58           | 3.71          | 3.13                    |      |
| OH                                    | 8,256.0  | 89.25     | 15.33       | YNN | 5,658.99 | 2,795.80 | 968.58   | 2,958.47           | 1.36          | 0.81                    |      |
| OH                                    | 8,288.0  | 89.52     | 15.24       | YNN | 5,659.33 | 2,826.66 | 977.02   | 2,990.36           | 0.89          | 0.84                    |      |
| OH                                    | 8,320.0  | 89.60     | 15.77       | YNN | 5,659.58 | 2,857.50 | 985.57   | 3,022.26           | 1.67          | 0.25                    |      |
| OH                                    | 8,351.0  | 88.76     | 15.66       | YNN | 5,660.02 | 2,887.32 | 994.02   | 3,053.17           | 2.73          | -2.71                   |      |
| OH                                    | 8,383.0  | 88.64     | 15.66       | YNN | 5,660.75 | 2,918.10 | 1,002.76 | 3,085.08           | 0.38          | -0.38                   |      |
| OH                                    | 8,414.0  | 88.72     | 15.77       | YNN | 5,661.46 | 2,947.91 | 1,011.21 | 3,115.99           | 0.39          | 0.26                    |      |
| OH                                    | 8,446.0  | 88.46     | 15.60       | YNN | 5,662.25 | 2,978.71 | 1,019.86 | 3,147.89           | 0.97          | -0.81                   |      |
| OH                                    | 8,478.0  | 87.60     | 16.12       | YNN | 5,663.30 | 3,009.48 | 1,028.60 | 3,179.79           | 2.63          | -2.06                   |      |
| OH                                    | 8,510.0  | 87.41     | 15.77       | YNN | 5,664.63 | 3,040.22 | 1,037.38 | 3,211.68           | 1.64          | -1.22                   |      |
| OH                                    | 8,542.0  | 87.23     | 15.95       | YNN | 5,666.13 | 3,070.97 | 1,046.12 | 3,243.56           | 0.80          | -0.56                   |      |
| OH                                    | 8,574.0  | 87.76     | 16.03       | YNN | 5,667.53 | 3,101.70 | 1,054.92 | 3,275.45           | 1.67          | 1.66                    |      |
| OH                                    | 8,605.0  | 87.85     | 16.74       | YNN | 5,668.71 | 3,131.42 | 1,063.66 | 3,306.37           | 2.31          | 0.29                    |      |
| OH                                    | 8,637.0  | 87.93     | 16.91       | YNN | 5,669.89 | 3,162.03 | 1,072.92 | 3,338.29           | 0.59          | 0.25                    |      |
| OH                                    | 8,669.0  | 88.20     | 17.35       | YNN | 5,670.97 | 3,192.59 | 1,082.34 | 3,370.24           | 1.61          | 0.84                    |      |
| OH                                    | 8,701.0  | 88.37     | 16.83       | YNN | 5,671.93 | 3,223.17 | 1,091.74 | 3,402.18           | 1.71          | 0.53                    |      |
| OH                                    | 8,733.0  | 88.37     | 16.56       | YNN | 5,672.84 | 3,253.80 | 1,100.93 | 3,434.11           | 0.84          | 0.00                    |      |
| OH                                    | 8,764.0  | 88.72     | 17.00       | YNN | 5,673.63 | 3,283.47 | 1,109.87 | 3,465.06           | 1.81          | 1.13                    |      |
| OH                                    | 8,796.0  | 89.16     | 17.88       | YNN | 5,674.22 | 3,314.00 | 1,119.46 | 3,497.02           | 3.07          | 1.38                    |      |
| OH                                    | 8,828.0  | 89.67     | 18.58       | YNN | 5,674.49 | 3,344.39 | 1,129.47 | 3,529.00           | 3.12          | 2.22                    |      |
| OH                                    | 8,860.0  | 87.93     | 18.93       | YNN | 5,675.11 | 3,374.68 | 1,139.76 | 3,560.99           | 6.16          | -6.06                   |      |
| OH                                    | 8,891.0  | 87.67     | 18.41       | YNN | 5,676.30 | 3,404.03 | 1,149.68 | 3,591.95           | 1.87          | -0.84                   |      |
| OH                                    | 8,923.0  | 87.76     | 17.88       | YNN | 5,677.57 | 3,434.41 | 1,159.63 | 3,623.91           | 1.68          | 0.28                    |      |
| OH                                    | 8,955.0  | 87.76     | 18.23       | YNN | 5,678.82 | 3,464.82 | 1,169.54 | 3,655.87           | 1.09          | 0.00                    |      |
| OH                                    | 8,986.0  | 87.93     | 18.95       | YNN | 5,679.99 | 3,494.18 | 1,179.42 | 3,686.84           | 2.38          | 0.55                    |      |
| OH                                    | 9,018.0  | 88.02     | 18.50       | YNN | 5,681.12 | 3,524.46 | 1,189.68 | 3,718.81           | 1.43          | 0.28                    |      |
| OH                                    | 9,050.0  | 89.67     | 18.67       | YNN | 5,681.71 | 3,554.79 | 1,199.88 | 3,750.79           | 5.81          | 5.78                    |      |
| OH                                    | 9,102.0  | 89.67     | 18.67       | YNN | 5,681.83 | 3,604.05 | 1,216.53 | 3,802.78           | 0.00          | 0.00                    |      |

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

ENTITY ACTION FORM - FORM 6

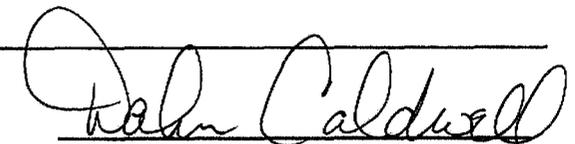
| Action Code   | Current Entity No. | New Entity No. | API Number   | Well Name      | QQ   | SC | TP | RG  | County | Spud Date | Effective Date        |
|---|--------------------|----------------|--------------|----------------|------|----|----|-----|--------|-----------|-----------------------|
| C   | 16141              | 13241          | 43-047-38436 | SSU 14G 4 8 21 | SESW | 4  | 8S | 21E | Uintah | 5/12/07   | -5/30/07<br>6/17/2007 |
| WELL 1 COMMENTS: EXPANDED UNIT PARTICIPATING AREA. GRRV<br>BHL = SWNE |                    |                |              |                |      |    |    |     |        | —         | 6/22/2010             |
| 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 Title      6/11/10 Date

Phone No. **(435)781-4342**

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JUN 14 2010

DIV. OF OIL, GAS & MINING

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

| WELL NAME    | CA No. | Unit: |     |     | STIRRUP SO (GRRV) |           |            |           |
|--------------|--------|-------|-----|-----|-------------------|-----------|------------|-----------|
|              |        | SEC   | TWN | RNG | API NO            | ENTITY NO | LEASE TYPE | WELL TYPE |
| 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<br>See attached   |  |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>See attached   |  |
| 7. UNIT or CA AGREEMENT NAME:<br>See attached  |  |
| 8. WELL NAME and NUMBER:<br>See attached   |  |
| 9. API NUMBER:<br>Attached   |  |
| 10. FIELD AND POOL, OR WILDCAT:<br>See attached  |  |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____   |  |
| 2. NAME OF OPERATOR:<br>Questar Exploration and Production Company <i>N5085</i>  |  |
| 3. ADDRESS OF OPERATOR:<br>1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265 <small>PHONE NUMBER:</small> (303) 672-6900 |  |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: See attached <small>COUNTY:</small> Attached<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <small>STATE:</small> 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<br>(Submit in Duplicate)<br>Approximate date work will start:<br><u>6/14/2010</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                 |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:                                  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                      |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                           |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                                 |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                                 |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                                |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                                |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u> |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
 Utah State Bond Number: ~~965003033~~ *965010695*  
 Fee Land Bond Number: ~~965003033~~  
 BIA Bond Number: ~~799446~~ *965010693*

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

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

(This space for State use only)

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DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

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

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

| well_name      | sec | twp  | rng  | api        | entity | mineral<br>lease | type | stat | C |
|----------------|-----|------|------|------------|--------|------------------|------|------|---|
| WV 3G-10-8-21  | 10  | 080S | 210E | 4304734106 | 13241  | Federal          | OW   | P    |   |
| WV 15G-3-8-21  | 03  | 080S | 210E | 4304734109 | 13241  | Federal          | OW   | P    |   |
| WV 16G-3-8-21  | 03  | 080S | 210E | 4304734110 | 13241  | Federal          | OW   | P    |   |
| SSU 8G-9-8-21  | 09  | 080S | 210E | 4304736736 | 14997  | Federal          | OW   | P    |   |
| SSU 2G-9-8-21  | 09  | 080S | 210E | 4304737990 | 13241  | Federal          | OW   | P    |   |
| SSU 11G-9-8-21 | 09  | 080S | 210E | 4304737991 | 16007  | Federal          | OW   | P    |   |
| SSU 16G-4-8-21 | 04  | 080S | 210E | 4304738415 | 13241  | Federal          | OW   | P    |   |
| SSU 14G-4-8-21 | 04  | 080S | 210E | 4304738436 | 13241  | Federal          | OW   | P    |   |
| SSU 2G-3-8-21  | 03  | 080S | 210E | 4304740159 | 17236  | Federal          | OW   | OPS  | C |
| SSU 13G-4-8-21 | 04  | 080S | 210E | 4304740199 | 17275  | Federal          | OW   | OPS  | C |

Bonds: BLM = ESB000024  
 BIA = 956010693  
 State = 965010695



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

### Memorandum

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

From: Chief, Branch of Minerals

*Roger 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

DIR. OF OIL, GAS & MINERALS

43-047-38436  
SSU 14G-4-8-21  
4 T8S R21E



## 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>



TAKE PRIDE  
IN AMERICA

RECEIVED

JUN 15 2010

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO  
3180  
UT-922

June 7, 2010

Nathan C. Koeniger  
Questar Exploration & Production Co.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

Re: 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Revisions to the Initial  
Green River Formation PA "A"  
Stirrup South (GR) Unit  
Uintah County, Utah

Dear Mr. Koeniger:

The 3<sup>rd</sup> Revision of the Initial Green River Formation PA "A", Stirrup South (GR) Unit, CRS No. UTU82151A, is hereby approved effective as of March 1, 2007, pursuant to Section 11 of the Stirrup South (GR) Unit Agreement, Uintah County, Utah.

The 3<sup>rd</sup> Revision of the Initial Green River Formation PA "A" results in the addition of 200.00 acres to the participating area for a total of 720.00 acres and is based upon the completion of Well No. 2G-9-8-21, API No. 43-047-37990, surface location in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 9 with bottom hole location #1 in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 9, Federal Unit Tract No. 2, Lease No. UTU80637; and bottom hole location #2 in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 4, Federal Unit Tract No. 1, Lease No. UTU80636, Township 8 South, Range 21 East, SLB&M, as a well not capable of producing unitized substances in paying quantities, but is necessary for unit operations pursuant to Section 11 of the unit agreement.

The 4<sup>th</sup> Revision of the Initial Green River Formation PA "A", Stirrup South (GR) Unit, CRS No. UTU82151A, is hereby approved effective as of June 1, 2007, pursuant to Section 11 of the Stirrup South (GR) Unit Agreement, Uintah County, Utah.

The 4<sup>th</sup> Revision of the Initial Green River Formation PA "A" results in the addition of 200.07 acres to the participating area for a total of 920.07 acres and is based upon the completion of Well No. 14G-4-8-21, API No. 43-047-38436, surface location in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 4 with bottom hole

location in Lot 2 (NW¼NE¼) of Section 4, Township 8 South, Range 21 East, SLB&M, Federal Unit Tract No. 1, Lease No. UTU80636, as a well capable of producing unitized substances in paying quantities.

The 5<sup>th</sup> Revision of the Initial Green River Formation PA "A", Stirrup South (GR) Unit, CRS No. UTU82151A, is hereby approved effective as of April 1, 2008, pursuant to Section 11 of the Stirrup South (GR) Unit Agreement, Uintah County, Utah.

The 5<sup>th</sup> Revision of the Initial Green River Formation PA "A" results in the addition of 160.00 acres to the participating area for a total of 1,080.07 acres and is based upon the completion of Well No. 16G-4-8-21, API No. 43-047-38415, surface location in the SE¼SE¼ of Section 4 with bottom hole location in the SE¼NW¼ of Section 3, Township 8 South, Range 21 East, SLB&M, Federal Unit Tract No. 1, Lease No. UTU80636, as a well not capable of producing unitized substances in paying quantities, but is necessary for unit operations pursuant to Section 11 of the unit agreement.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Revisions of the Initial Green River Formation PA "A", Stirrup South (GR) Unit, and the effective dates.

Sincerely,

*/s/ Roger L. Bankert*

Roger L. Bankert  
Chief, Branch of Minerals

Enclosure

bcc: UDOGM  
SITLA  
MMS - MRM (Attn: Leona Reilly)  
FOM - Vernal w/enclosure  
File - Stirrup South (GR) Unit w/enclosure  
Fluids - Mickey  
Fluids - Judy  
Agr. Sec. Chron.  
Reading File  
Central Files

LWilcken:lw:(06/07/10)