

CONFIDENTIAL

Form 3160-3  
(July 1992)

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-80637

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE INDIAN TRIBE

7. UNIT AGREEMENT NAME

STIRRUP SOUTH UNIT #UTU-82151X

8. FARM OR LEASE NAME, WELL NO.

SSU 11G-9-8-21

9. API NUMBER:

43-047-37991

10. FIELD AND POOL, OR WILDCAT

WONSITS VALLEY

11. SEC., T, R, M, OR BLK & SURVEY OR AREA

SEC.9, T8S, R21E Mer SLB

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK

DRILL

DEEPEN

TYPE OF WELL

SINGLE

MULTIPLE

OIL WELL

GAS WELL

OTHER

ZONE

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 622714 X 4443834 Y 2507' FSL 2559' FWL, NESW, SEC. 9 T8S, R21E 40.137781 554

At proposed production zone 660' FWL, 2172' FSL, NWSW, SEC. 9, T8S, R21E 40.136877 -109.566323

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\*

11 +/- EAST OF VERNAL, UTAH

12. COUNTY OR PARISH

Uintah

13. STATE

UT

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

2507' +/-

16. NO. OF ACRES IN LEASE

640.00

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

7133' MD

20. BLM/BIA Bond No. on file

ESB000024

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

4795.3'

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

Name (printed/typed) Jan Nelson

DATE 3-30-06

TITLE

Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO.

43-047-37991

APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

BRADLEY G. HILL  
ENVIRONMENTAL MANAGER

DATE

04-17-06

\*See Instructions On Reverse Side

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

Federal Approval of this  
Action is Necessary

RECEIVED

APR 06 2006

DIV. OF OIL, GAS & MINING

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

## QUESTAR EXPLR. & PROD.

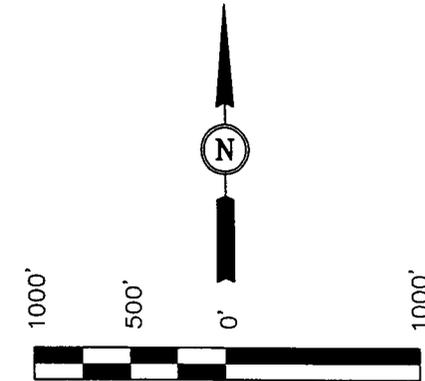
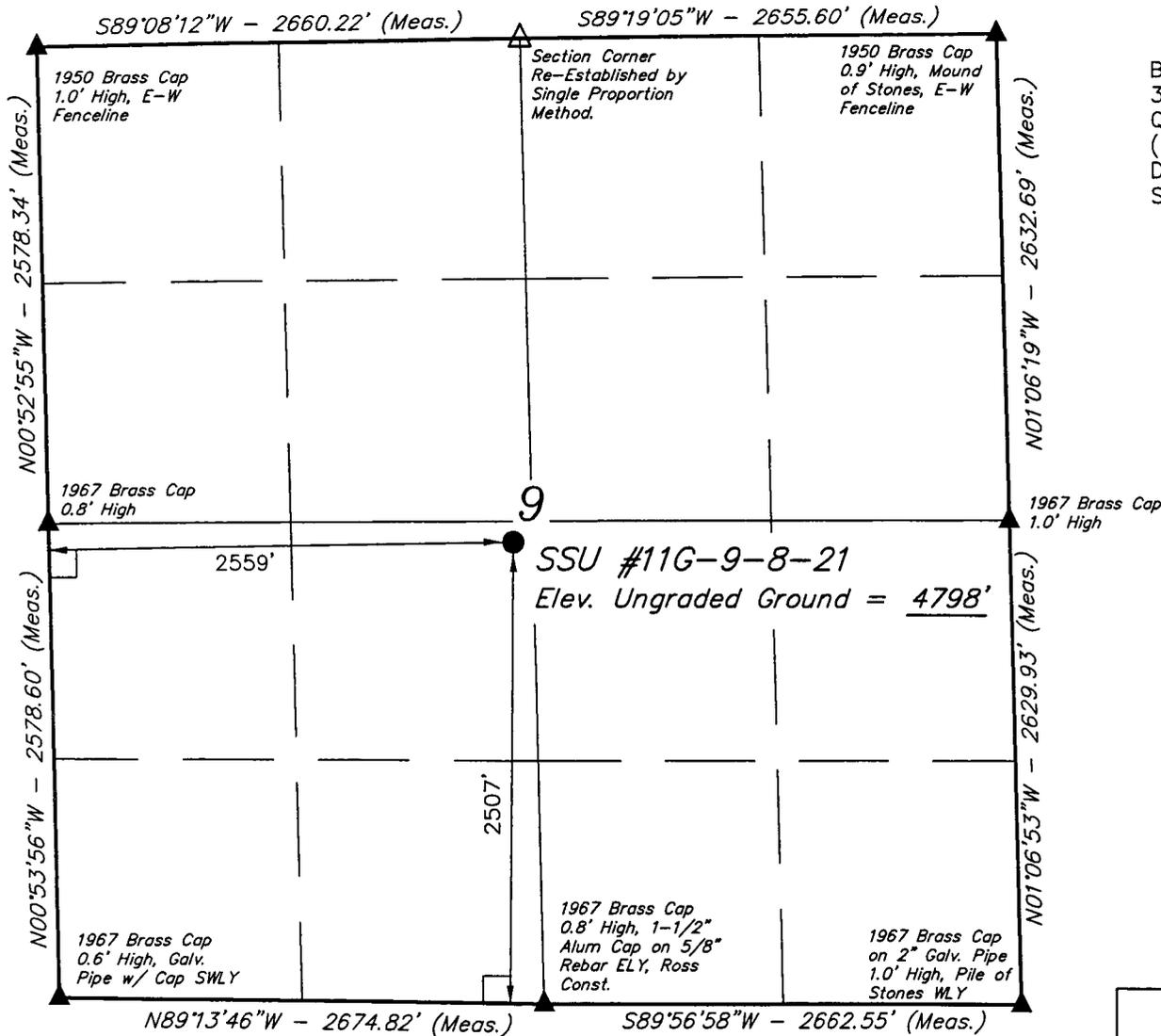
Well location, SSU #11G-9-8-21, located as shown in the NE 1/4 SW 1/4 of Section 9, T8S, R21E, S.L.B.&M. Uintah County, Utah

### BASIS OF ELEVATION

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

### BASIS OF BEARINGS

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



SCALE

### CERTIFICATE

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

*John J. [Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

### LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED (NOT SET ON GROUND)

(NAD 83)

LATITUDE = 40°08'15.72" (40.137700)

LONGITUDE = 109°33'36.92" (109.560256)

(NAD 27)

LATITUDE = 40°08'15.85" (40.137736)

LONGITUDE = 109°33'34.43" (109.559564)

## UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-31-06	DATE DRAWN: 2-15-06
PARTY D.A. C.F. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

# 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)

April 14, 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
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(Proposed PZ Green River)

43-047-37990	SSU 2G-9-8-21 Sec 9 T08S R21E 0519 FNL 2115 FEL	
	LATERAL 1 Sec 9 T08S R21E 0734 FNL 0706 FWL	
	LATERAL 2 Sec 4 T08S R21E 2072 FSL 0907 FEL	
43-047-37991	SSU 11G-9-8-21 Sec 9 T08S R21E 2507 FSL 2559 FWL	
	LATERAL 1 Sec 9 T08S R21E 2172 FSL 0660 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

### **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a horizontal well to test the G-1 Lime Green River Formation. If productive, well will be produced open hole. If dry will be plugged and abandoned as per BLM and State of Utah requirements"

See Onshore Order No. 1 attached.

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

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

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'
G1 Lime	5772'	5467'
Kickoff Point	4841'	4841'
TD	5494'	7133'

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	Green River	5494'	7133'

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

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

Fresh water will be obtained from Wonsits Valley water right #A36125 or Red Wash water right # 49-2153 to supply fresh water for drilling purposes.  
All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

3. Operator's Specification for Pressure Control Equipment:

- A. 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	5833' MD	8-3/4"	7"	J-55	26 lb/ft (new) LT&C
Open Hole Completion					

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:

DRILLING PROGRAM

- 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.

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: Green River 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.

DRILLING PROGRAM

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. Cement to surface (257sx) calculated. Tail plug used. Allow to set under pressure
Intermediate	Lead - 220 sx Tail - 175sx	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. Lead to surface.  Cement Characteristics: 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 H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2383.0 psi. Maximum anticipated bottom hole temperature is 140° F.

# **Questar Exploration & Production**

**Stirrup South Unit**

**NESW Sec.09-T8S-R21E**

**SSU 11G-9-8-21**

**Wellbore #1**

**Plan: Plan #1**

## **Pathfinder Planning Report**

**10 March, 2006**

# Pathfinder Energy Services

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** Questar Exploration & Production  
**Project:** Stirrup South Unit  
**Site:** NESW Sec.09-T8S-R21E  
**Well:** SSU 11G-9-8-21  
**Wellbore:** Wellbore #1  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well SSU 11G-9-8-21  
**TVD Reference:** WELL @ 4812.0ft (Original Well Elev)  
**MD Reference:** WELL @ 4812.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Stirrup South Unit		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Northern Zone		

<b>Site</b>	NESW Sec.09-T8S-R21E				
<b>Site Position:</b>		<b>Northing:</b>	3,215,609.79ft	<b>Latitude:</b>	40° 8' 15.720 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,182,800.93ft	<b>Longitude:</b>	109° 33' 36.922 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.28 °

<b>Well</b>	SSU 11G-9-8-21					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	3,215,609.79 ft	<b>Latitude:</b>	40° 8' 15.720 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,182,800.93 ft	<b>Longitude:</b>	109° 33' 36.922 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,798.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	3/2/2006	11.79	66.11	52,939

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	260.00

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	
4,841.1	0.00	0.00	4,841.1	0.0	0.0	0.00	0.00	0.00	0.00	
5,387.2	49.15	260.00	5,322.7	-38.2	-216.9	9.00	9.00	0.00	260.00	
5,833.3	89.30	260.00	5,477.7	-109.2	-619.3	9.00	9.00	0.00	0.00	EOB-SSU 11G
7,133.3	89.30	260.00	5,493.6	-334.9	-1,899.4	0.00	0.00	0.00	0.00	BHL-SSU 11G

# Pathfinder Energy Services

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**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Green River</b>									
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Start Build 9.00</b>									
4,841.1	0.00	0.00	4,841.1	0.0	0.0	0.0	0.00	0.00	0.00
4,850.0	0.80	260.00	4,850.0	0.0	-0.1	0.1	9.00	9.00	0.00

## Pathfinder Energy Services

### Planning Report

**Database:** EDM 2003.14 Single User Db  
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**Design:** Plan #1

**Local Co-ordinate Reference:** Well SSU 11G-9-8-21  
**TVD Reference:** WELL @ 4812.0ft (Original Well Elev)  
**MD Reference:** WELL @ 4812.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

#### 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)
4,900.0	5.30	260.00	4,899.9	-0.5	-2.7	2.7	9.00	9.00	0.00
4,950.0	9.80	260.00	4,949.5	-1.6	-9.2	9.3	9.00	9.00	0.00
5,000.0	14.30	260.00	4,998.4	-3.4	-19.4	19.7	9.00	9.00	0.00
5,050.0	18.80	260.00	5,046.3	-5.9	-33.5	34.0	9.00	9.00	0.00
5,100.0	23.30	260.00	5,092.9	-9.0	-51.1	51.9	9.00	9.00	0.00
5,150.0	27.80	260.00	5,138.0	-12.8	-72.4	73.5	9.00	9.00	0.00
5,200.0	32.30	260.00	5,181.3	-17.1	-97.0	98.5	9.00	9.00	0.00
5,250.0	36.80	260.00	5,222.5	-22.0	-124.9	126.9	9.00	9.00	0.00
5,300.0	41.30	260.00	5,261.3	-27.5	-156.0	158.4	9.00	9.00	0.00
5,350.0	45.80	260.00	5,297.5	-33.5	-189.9	192.8	9.00	9.00	0.00
5,387.2	49.15	260.00	5,322.7	-38.2	-216.9	220.2	9.00	9.00	0.00
5,400.0	50.30	260.00	5,330.9	-39.9	-226.5	230.0	9.00	9.00	0.00
5,450.0	54.80	260.00	5,361.3	-46.8	-265.6	269.7	9.00	9.00	0.00
5,500.0	59.30	260.00	5,388.5	-54.1	-306.9	311.6	9.00	9.00	0.00
5,550.0	63.80	260.00	5,412.3	-61.7	-350.2	355.6	9.00	9.00	0.00
5,600.0	68.30	260.00	5,432.6	-69.7	-395.1	401.2	9.00	9.00	0.00
5,650.0	72.80	260.00	5,449.3	-77.9	-441.6	448.4	9.00	9.00	0.00
5,700.0	77.30	260.00	5,462.1	-86.2	-489.1	496.7	9.00	9.00	0.00
5,750.0	81.80	260.00	5,471.2	-94.8	-537.5	545.8	9.00	9.00	0.00
<b>G1 Lime Top</b>									
5,771.6	83.75	260.00	5,473.9	-98.5	-558.6	567.3	9.00	9.00	0.00
5,800.0	86.30	260.00	5,476.4	-103.4	-586.5	595.5	9.00	9.00	0.00
<b>Start 1300.0 hold at 5833.3 MD - 7" Casing - EOB-SSU 11G</b>									
5,833.3	89.30	260.00	5,477.7	-109.2	-619.3	628.8	9.00	9.00	0.00
5,900.0	89.30	260.00	5,478.5	-120.8	-684.9	695.5	0.00	0.00	0.00
6,000.0	89.30	260.00	5,479.7	-138.1	-783.4	795.5	0.00	0.00	0.00
6,100.0	89.30	260.00	5,480.9	-155.5	-881.9	895.5	0.00	0.00	0.00
6,200.0	89.30	260.00	5,482.2	-172.9	-980.4	995.5	0.00	0.00	0.00
6,300.0	89.30	260.00	5,483.4	-190.2	-1,078.8	1,095.5	0.00	0.00	0.00
6,400.0	89.30	260.00	5,484.6	-207.6	-1,177.3	1,195.5	0.00	0.00	0.00
6,500.0	89.30	260.00	5,485.8	-225.0	-1,275.8	1,295.5	0.00	0.00	0.00
6,600.0	89.30	260.00	5,487.0	-242.3	-1,374.3	1,395.5	0.00	0.00	0.00
6,700.0	89.30	260.00	5,488.3	-259.7	-1,472.7	1,495.5	0.00	0.00	0.00
6,800.0	89.30	260.00	5,489.5	-277.0	-1,571.2	1,595.4	0.00	0.00	0.00
6,900.0	89.30	260.00	5,490.7	-294.4	-1,669.7	1,695.4	0.00	0.00	0.00
7,000.0	89.30	260.00	5,491.9	-311.8	-1,768.2	1,795.4	0.00	0.00	0.00
7,100.0	89.30	260.00	5,493.1	-329.1	-1,866.6	1,895.4	0.00	0.00	0.00
<b>TD at 7133.3 - BHL-SSU 11G</b>									
7,133.3	89.30	260.00	5,493.6	-334.9	-1,899.4	1,928.7	0.00	0.00	0.00

#### Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
EOB-SSU 11G - plan hits target - Point		0.00	5,477.7	-109.2	-619.3	3,215,486.80	2,182,184.23	40° 8' 14.641 N	109° 33' 44.894 W
BHL-SSU 11G - plan hits target - Point		0.00	5,493.6	-334.9	-1,899.4	3,215,232.55	2,180,909.44	40° 8' 12.410 N	109° 34' 1.374 W

**Pathfinder Energy Services**  
Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** Questar Exploration & Production  
**Project:** Stirrup South Unit  
**Site:** NESW Sec.09-T8S-R21E  
**Well:** SSU 11G-9-8-21  
**Wellbore:** Wellbore #1  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well SSU 11G-9-8-21  
**TVD Reference:** WELL @ 4812.0ft (Original Well Elev)  
**MD Reference:** WELL @ 4812.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
5,833.3	5,477.7	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		0.70	260.00	
5,771.6	5,467.0	G1 Lime Top		0.70	260.00	
	5,474.0	G1 Lime Bottom		0.70	260.00	
	5,476.0	G1 Sand Top		0.70	260.00	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
4,841.1	4,841.1	0.0	0.0	Start Build 9.00	
5,833.3	5,477.7	-109.2	-619.3	Start 1300.0 hold at 5833.3 MD	
7,133.3	5,493.6	-334.9	-1,899.4	TD at 7133.3	



Company: Questar Exploration & Production  
 Field: Stirrup South Unit  
 Location: NESW Sec.09-T8S-R21E  
 Well: SSU 11G-9-8-21  
 Wellbore #1



Plan: Plan #1 (SSU 11G-9-8-21/Wellbore #1)

WELL DETAILS: SSU 11G-9-8-21

+N/-S	+E/-W	Northing	Ground Level:	Easting	Latitude	Longitude	Slot
0.0	0.0	3215609.79	4798.0	2182800.93	40° 8' 15.720 N	109° 33' 36.922 W	

WELLBORE TARGET DETAILS (LAT/LONG)

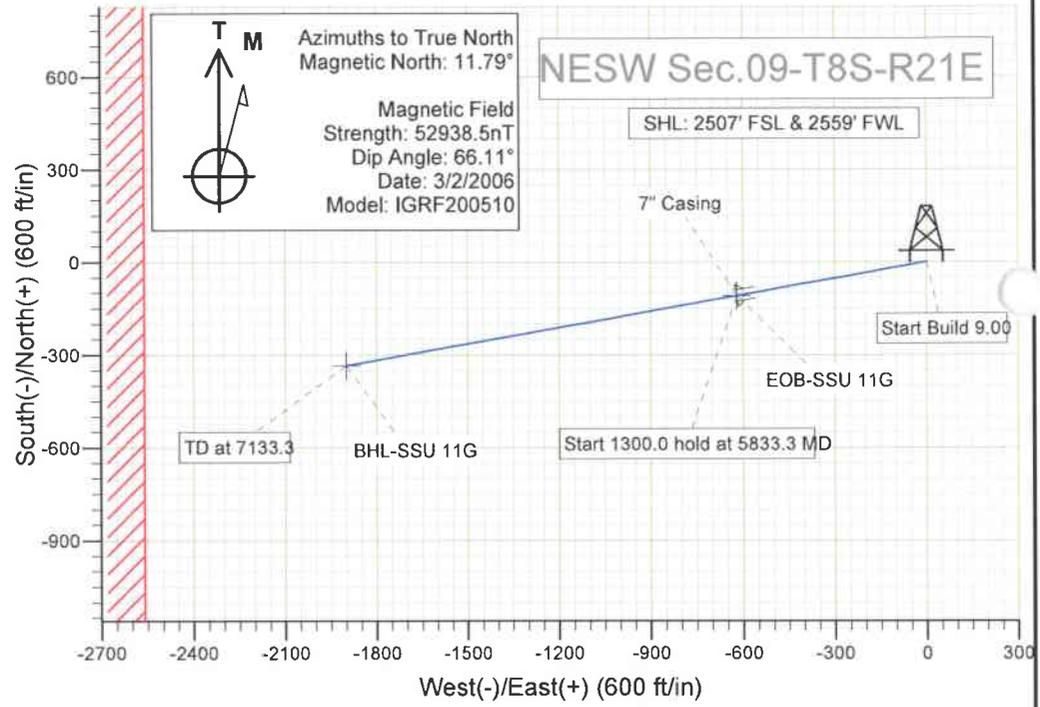
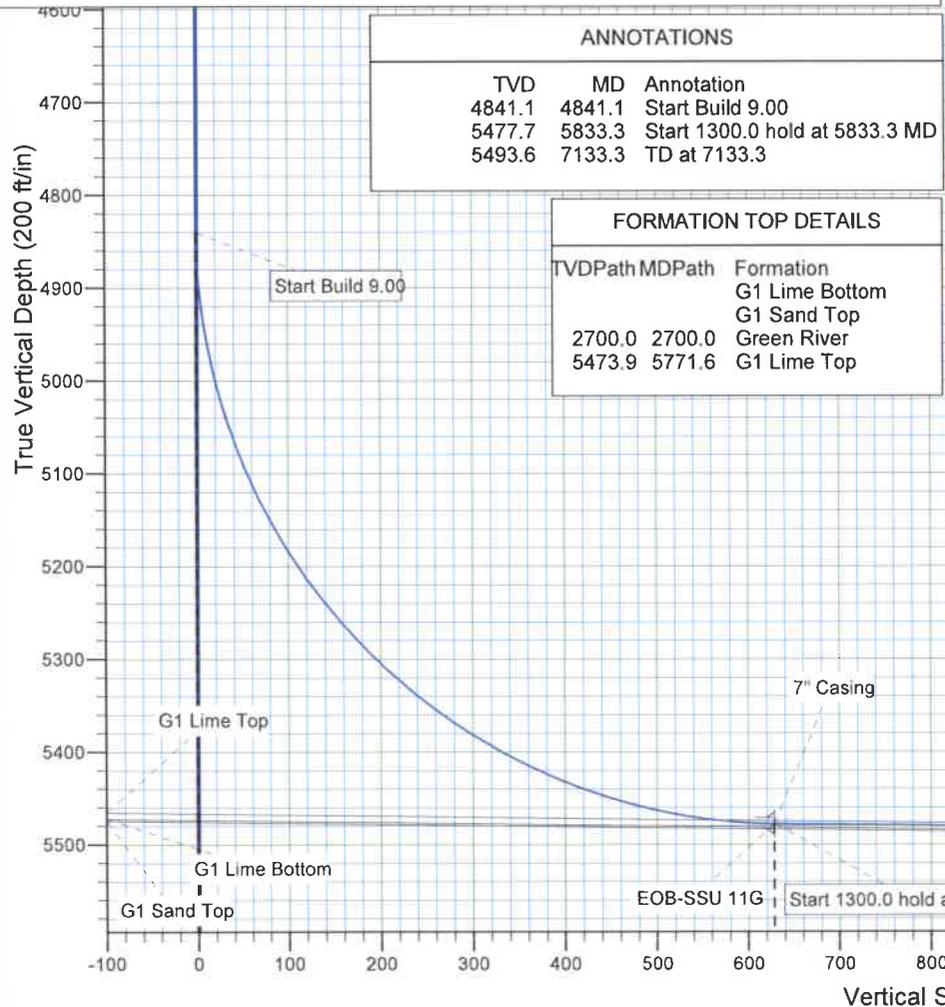
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
EOB-SSU 11G	5477.7	-109.2	-619.3	40° 8' 14.641 N	109° 33' 44.894 W	Point
BHL-SSU 11G	5493.6	-334.9	-1899.4	40° 8' 12.410 N	109° 34' 1.374 W	Point

ANNOTATIONS

TVD	MD	Annotation
4841.1	4841.1	Start Build 9.00
5477.7	5833.3	Start 1300.0 hold at 5833.3 MD
5493.6	7133.3	TD at 7133.3

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
		G1 Lime Bottom
		G1 Sand Top
2700.0	2700.0	Green River
5473.9	5771.6	G1 Lime Top



**QEP UINTA BASIN, INC.**

**SSU 11G-9-8-21**

**LEASE # UTU-80637**

**SL: 2507' FSL 2559' FWL, NESW, SEC. 9, T8S, R21E**

**BHL: 660' FWL 2172' FSL, NWSW, SEC. 9, T8S, R21E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. Existing Roads:**

The proposed well site is approximately 11 miles from Ouray, Utah.

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

There will be no improvements made to existing roads.

**2. Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices 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 Operating 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 D for the location of the proposed pipeline.

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

Please see QEP Uinta Basin, Inc. Standard Operating 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 Operating 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 Operating 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 Operating 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 Operating 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:*

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Thread Grass

*Final Reclamation:*

Seed Mix # 1      3 lbs. Fourwing Saltbush, 3lbs. Indian Rice Grass, 1 lb. Needle & Thread Grass and  
4 lbs. Hycrest Crested Wheat Grass.

## **11. Surface Ownership:**

Ute Tribe

PO Box 70

FT. Duchesne, UT 84026

(435) 722-5141

## **12. Other Information**

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

**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

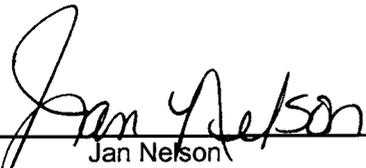
**Certification:**

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. it's 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

30-Mar-06  
\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

SSU #11G-9-8-21

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 9, T8S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

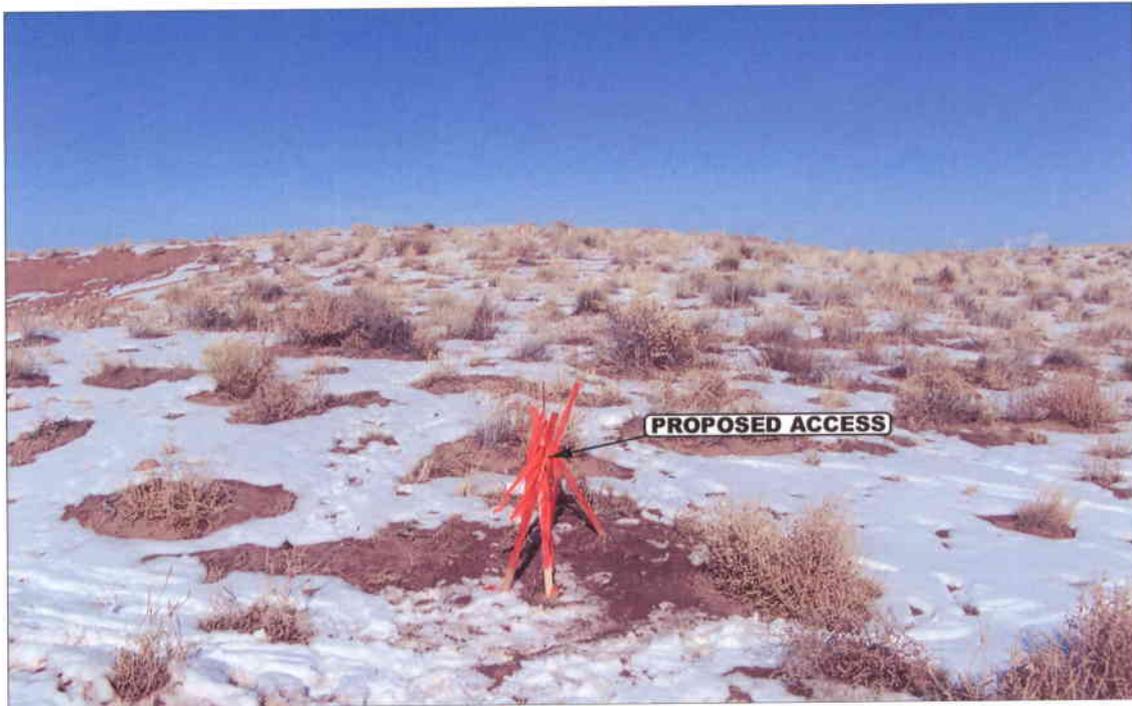


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

02 13 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: C.P.

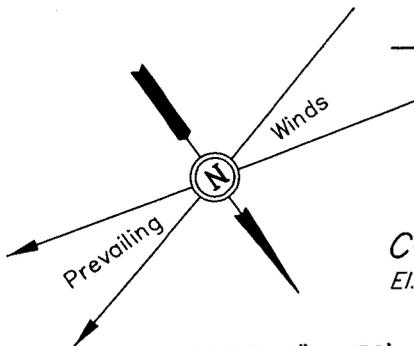
REVISED: 00-00-00

QUESTAR EXPLR. & PROD.

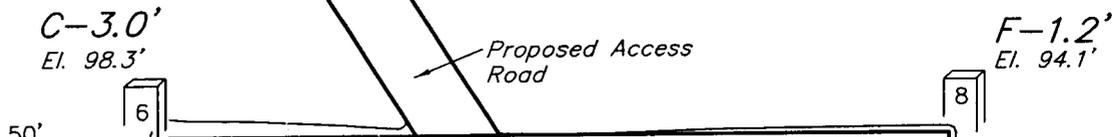
FIGURE #1

LOCATION LAYOUT FOR

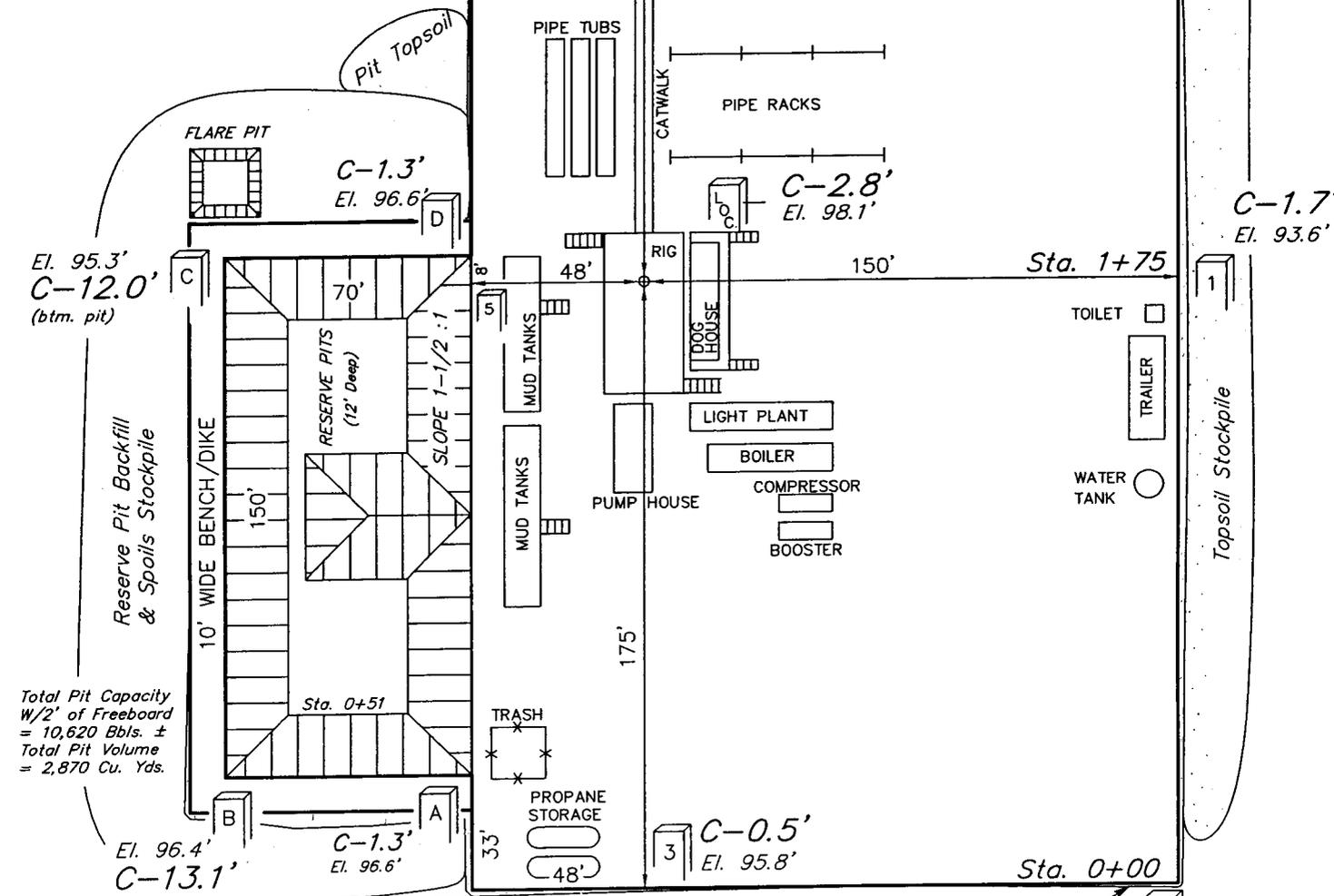
SSU #11G-9-8-21  
SECTION 9, T8S, R21E, S.L.B.&M.  
2507' FSL 2559' FWL



SCALE: 1" = 50'  
DATE: 2-15-06  
Drawn By: K.G.



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



Total Pit Capacity  
W/2' of Freeboard  
= 10,620 Bbls. ±  
Total Pit Volume  
= 2,870 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4798.1'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4795.3'

QUESTAR EXPLR. & PROD.

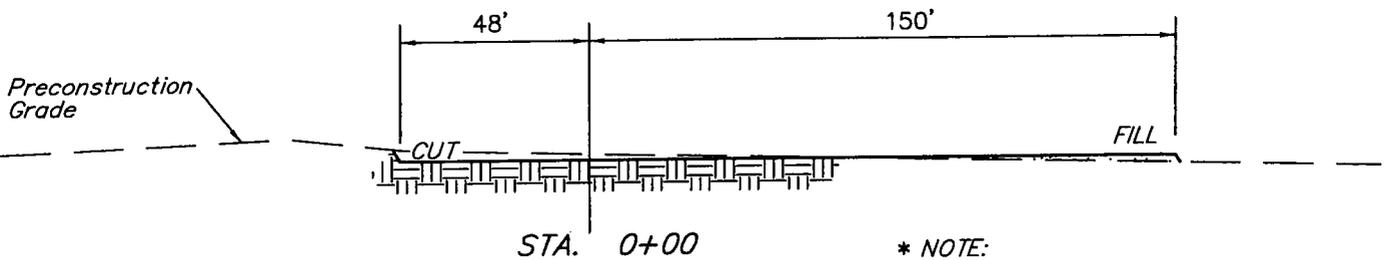
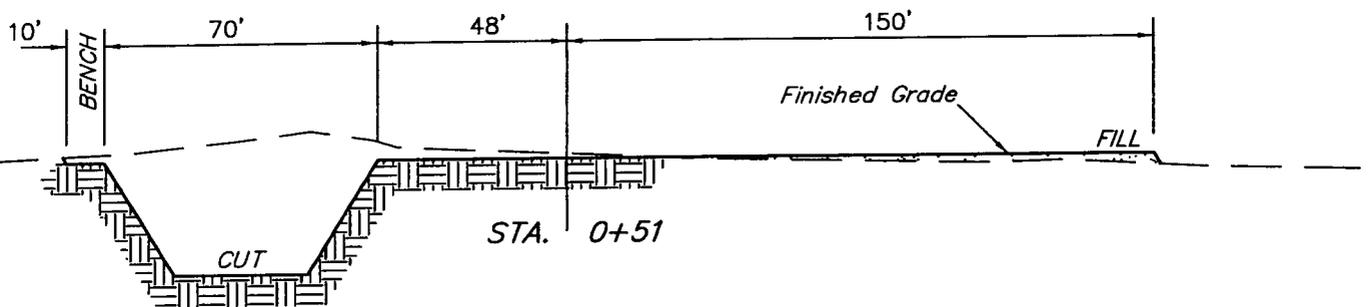
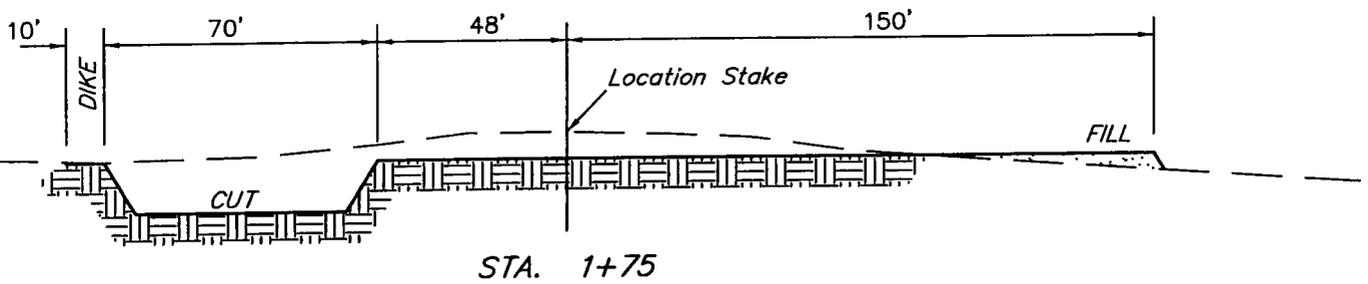
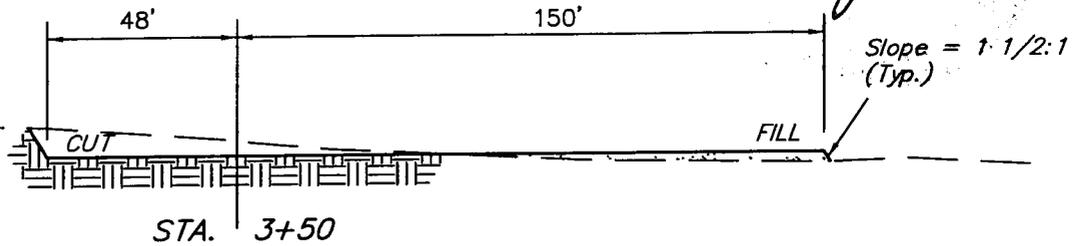
FIGURE #2

TYPICAL CROSS SECTIONS FOR

SSU #11G-9-8-21  
SECTION 9, T8S, R21E, S.L.B.&M.  
2507' FSL 2559' FWL

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

DATE: 2-15-06  
Drawn By: K.G.



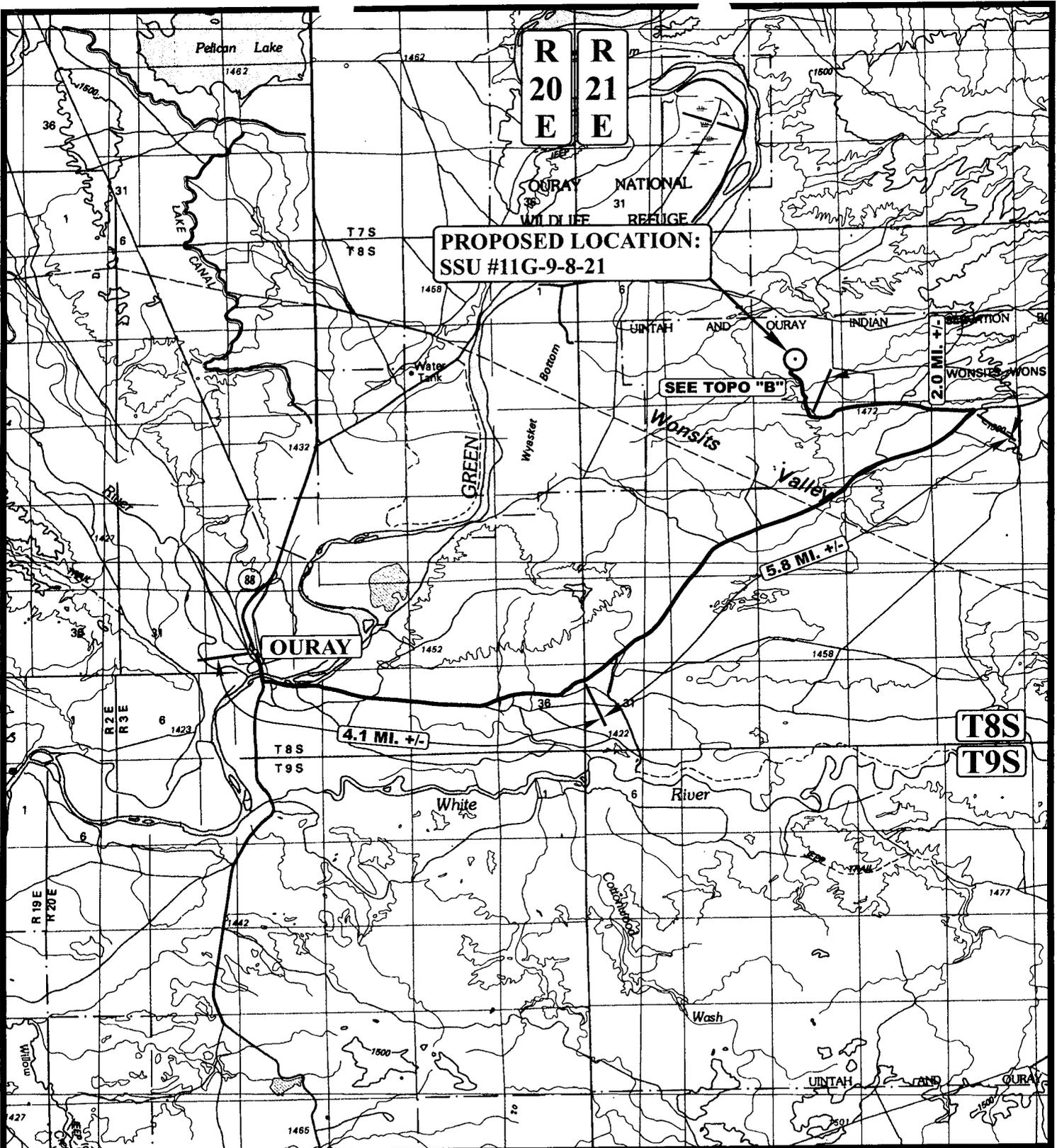
\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,240 Cu. Yds.
Remaining Location	= 3,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,010 CU.YDS.</b>
<b>FILL</b>	<b>= 2,330 CU.YDS.</b>

Excess Material	= 4,680 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,680 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Rehabilitation)	<b>= 0 Cu. Yds.</b>

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



**PROPOSED LOCATION:  
SSU #11G-9-8-21**

SEE TOPO "B"

4.1 MI. +/-

5.8 MI. +/-

**LEGEND:**

○ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

SSU #11G-9-8-21  
SECTION 9, T8S, R21E, S.L.B.&M.  
2507' FSL 2559' FWL

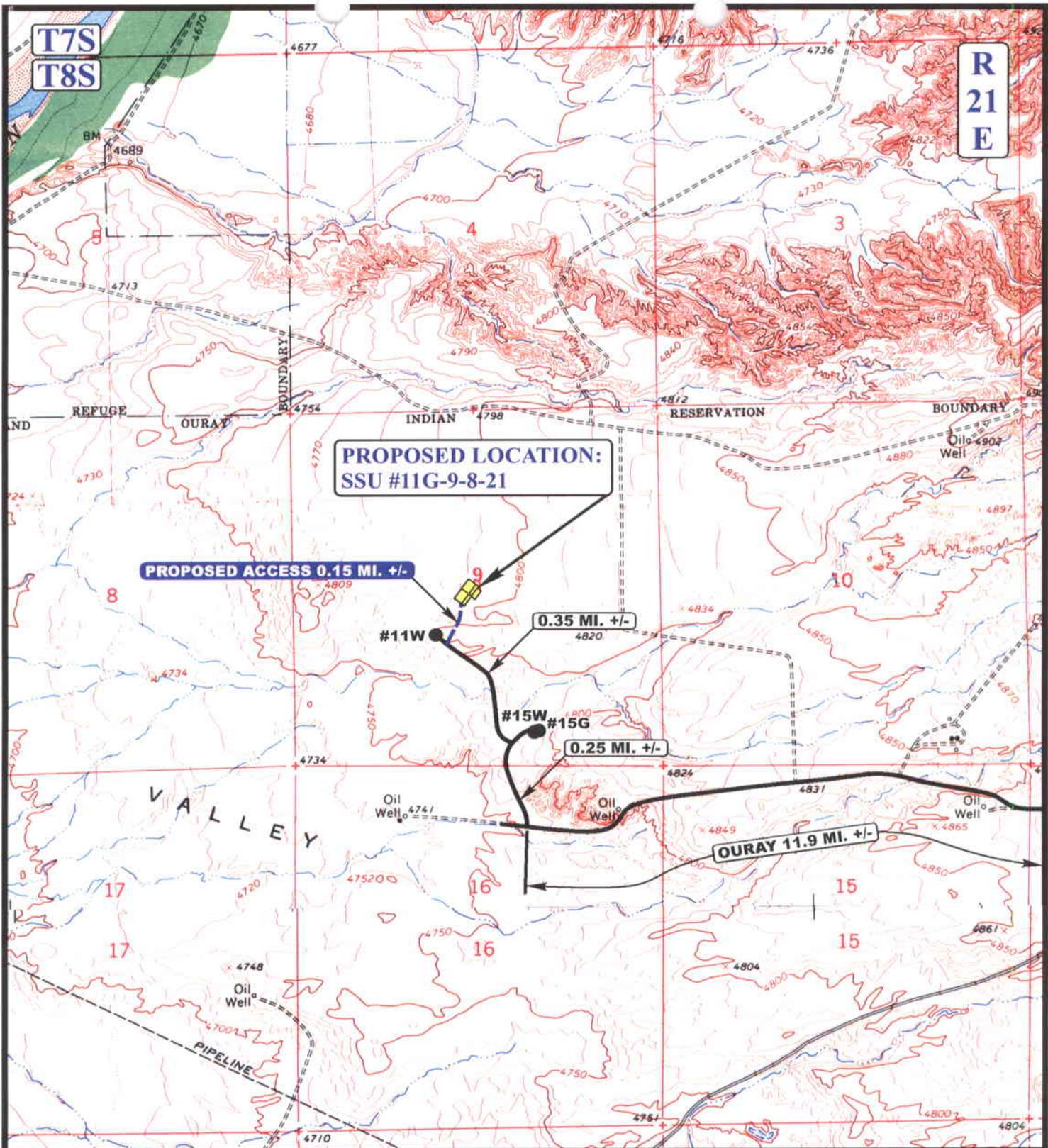


**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** 02 13 06  
**MAP** MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

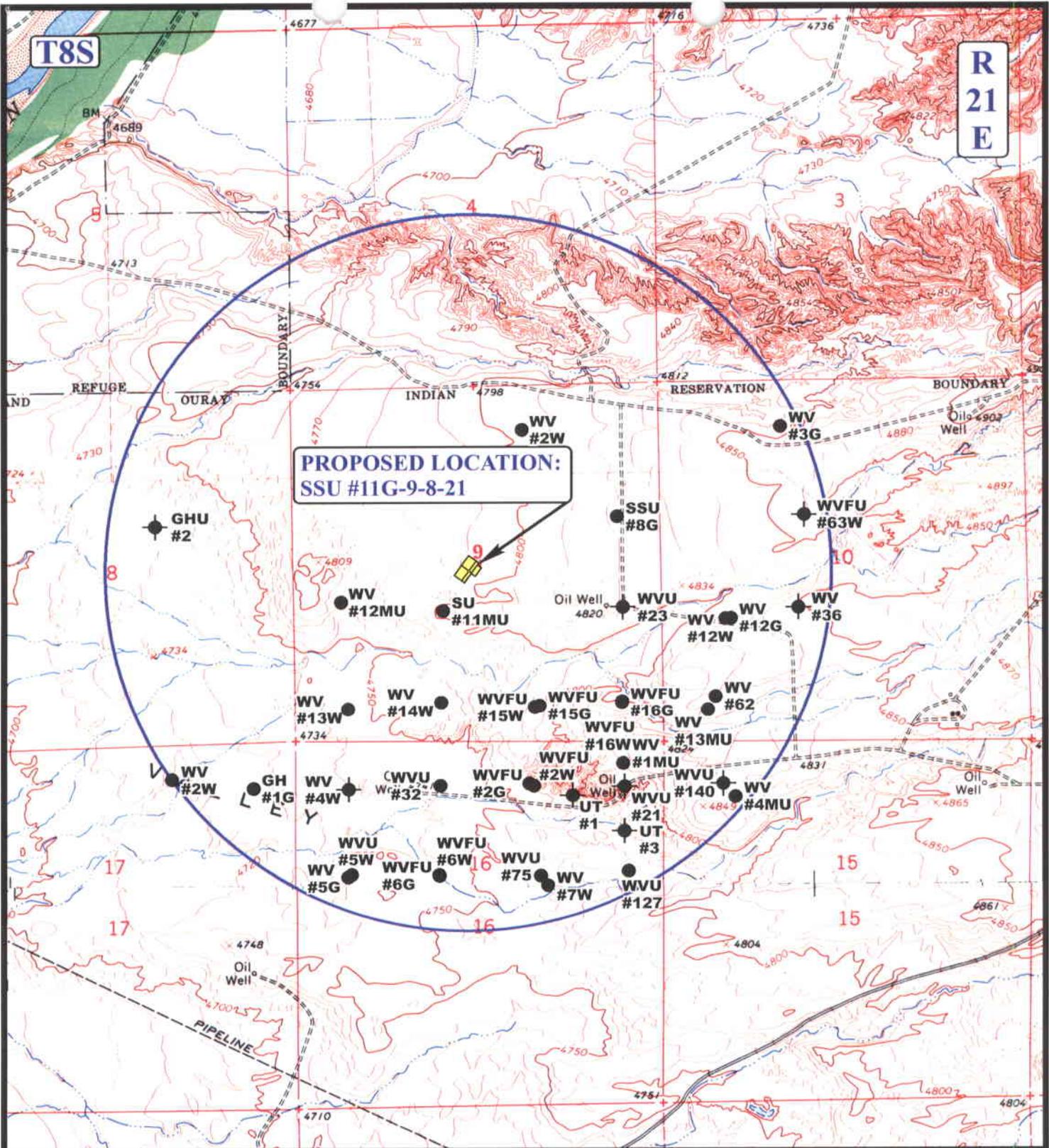
**QUESTAR EXPLR. & PROD.**

SSU #11G-9-8-21  
 SECTION 9, T8S, R21E, S.L.B.&M.  
 2507' FSL 2559' FWL



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

<b>TOPOGRAPHIC MAP</b>	<b>02</b> MONTH	<b>13</b> DAY	<b>06</b> YEAR	<b>B</b> TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.		REVISED: 00-00-00	



**LEGEND:**

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

**QUESTAR EXPLR. & PROD.**

**SSU #11G-9-8-21**  
**SECTION 9, T8S, R21E, S.L.B.&M.**  
**2507' FSL 2559' FWL**



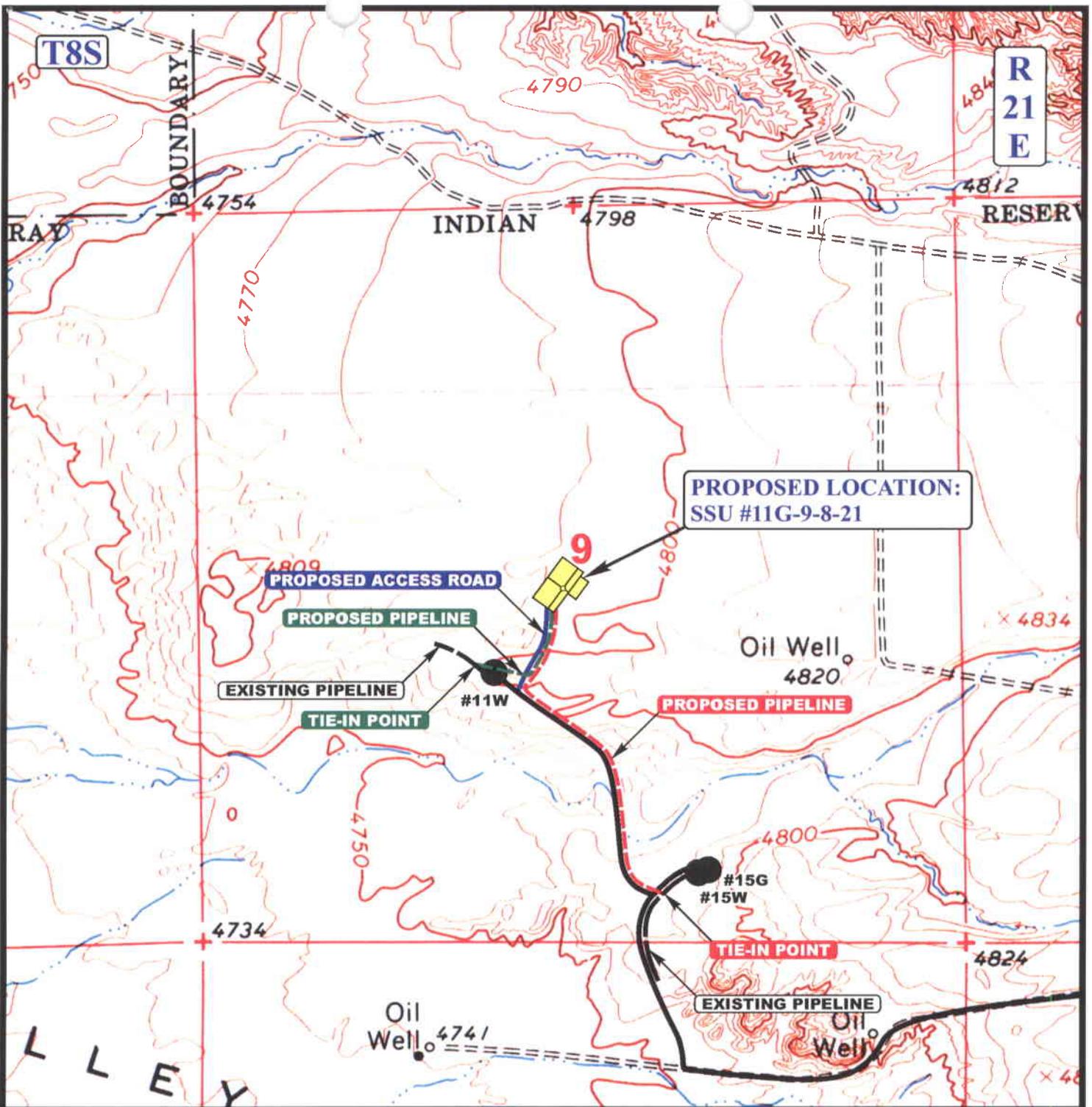
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

<b>02</b>	<b>13</b>	<b>06</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000'    DRAWN BY: C.P.    REVISED: 00-00-00





APPROXIMATE TOTAL SALE PIPELINE DISTANCE = 888' +/-

APPROXIMATE TOTAL FUEL GAS PIPELINE DISTANCE = 2,521' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED FUEL GAS PIPELINE
- - - - PROPOSED SALE PIPELINE



**QUESTAR EXPLR. & PROD.**

SSU #11G-9-8-21  
 SECTION 9, T8S, R21E, S.L.B.&M.  
 2507' FSL 2559' FWL



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

**TOPOGRAPHIC**  
**MAP**

<b>02</b> MONTH	<b>13</b> DAY	<b>06</b> YEAR
--------------------	------------------	-------------------

SCALE: 1" = 1000'    DRAWN BY: C.P.    REVISED: 00-00-00



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/06/2006

API NO. ASSIGNED: 43-047-37991

WELL NAME: SSU 11G-9-8-21

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

NESW 09 080S 210E

SURFACE: 2507 FSL 2559 FWL

BOTTOM: 2172 FSL 0660 FWL

*NW  
SW*

COUNTY: UINTAH

LATITUDE: 40.13778 LONGITUDE: -109.5596

UTM SURF EASTINGS: 622714 NORTHINGS: 4443834

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-80637

SURFACE OWNER: 2 - Indian

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. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

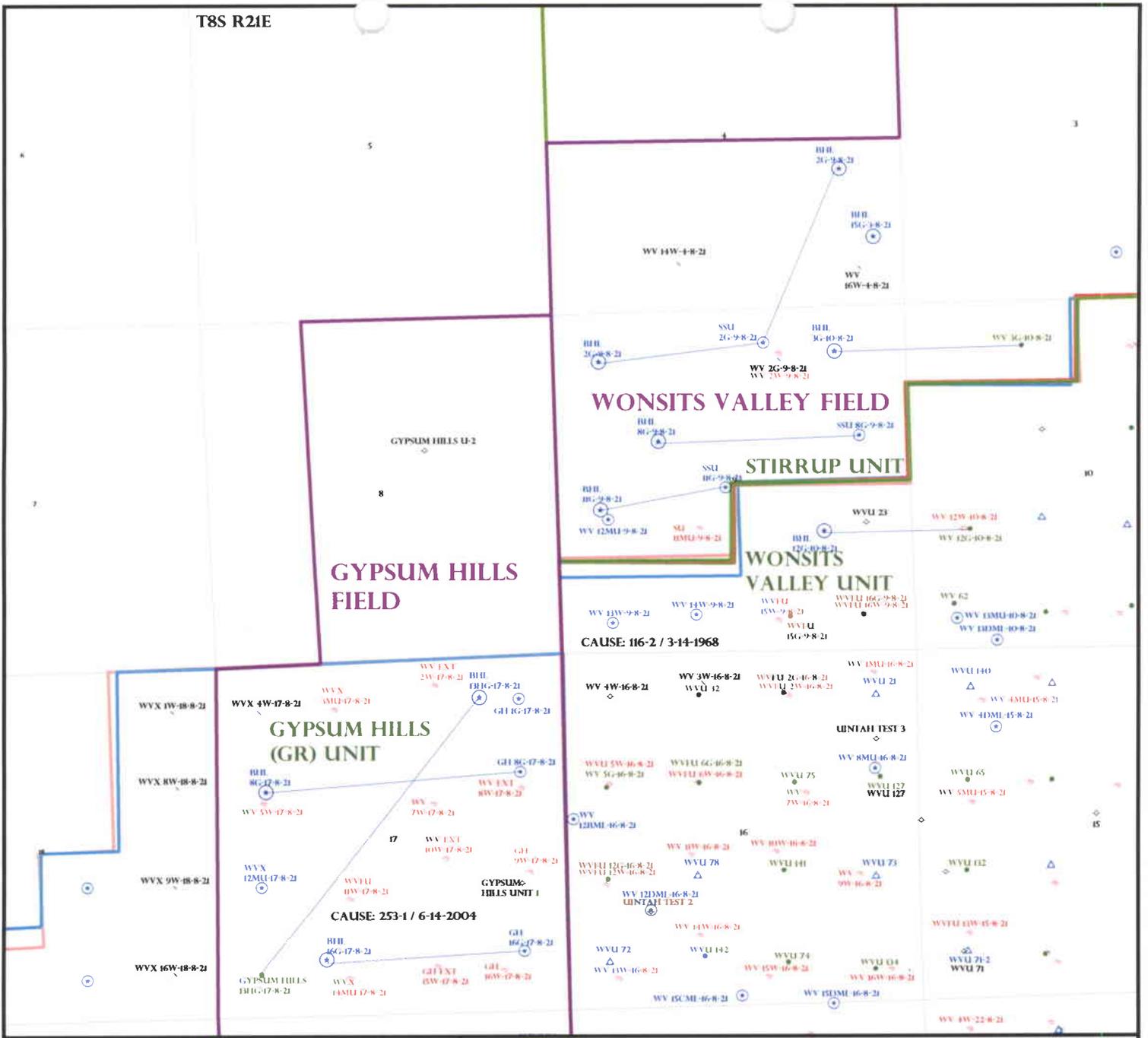
LOCATION AND SITING:

- R649-2-3. \* *Horizontal*
- Unit: STIRRUP
- 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: See Separate file

STIPULATIONS: 1. Owner Approval

T8S R21E



OPERATOR: QEP UINTA BASIN INC (N2460)

SEC: 9 T. 8S R. 21E

FIELD: WONSITS VALLEY (610)

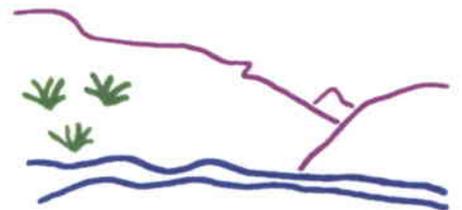
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 14-APRIL-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*

April 17, 2006

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

Re: Stirrup South Unit 11G-9-8-21 Well, Surface Location 2507' FSL, 2559' FWL,  
NE SW, Sec. 9, T. 8 South, R. 21 East, Bottom Location 2172' FSL, 660' FWL,  
NW SW, Sec. 9, T. 8 South, R. 21 East

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 43-047-37991.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

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 11G-9-8-21  
**API Number:** 43-047-37991  
**Lease:** UTU-80637

**Surface Location:** NE SW      **Sec. 9**      **T. 8 South**      **R. 21 East**  
**Bottom Location:** NW SW      **Sec. 9**      **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. 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.

CONFIDENTIAL RECEIVED

Form 3100-3 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APR 03 2006 SUBMIT IN TRIPPLICATE

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

BLM VERNAL UTAH

5. LEASE DESIGNATION AND SERIAL NO. UTU-80637

6. FIELD, ALLOTTEE OR TRIBE NAME UTE INDIAN TRIBE

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL [x] DEEPEN [ ] TYPE OF WELL OIL WELL [x] GAS WELL [ ] OTHER [ ] SINGLE ZONE [x] MULTIPLE ZONE [ ]

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

8. FARM OR LEASE NAME, WELL NO. SSU 11G-9-8-21

2. NAME OF OPERATOR QEP UINTA BASIN, INC.

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

9. API NUMBER: 43-047-37991

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

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

10. FIELD AND POOL, OR WILDCAT WONSITS VALLEY

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*) At Surface 2507' FSL 2559' FWL, NESW, SEC. 9 T8S, R21E At proposed production zone 660' FWL, 2172' FSL, NWSW, SEC. 9, T8S, R21E

11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC.9, T8S, R21E Mer SLB

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\* 11 +/- EAST OF VERNAL, UTAH

12. COUNTY OR PARISH Uintah

13. STATE UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drlg, unit line if any) 2507' +/-

16. NO. OF ACRES IN LEASE 640.00

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 7133' MD

20. BLM/BIA Bond No. on file ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4795.3'

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 [Signature] Name (printed/typed) Jan Nelson DATE 3-30-06 TITLE Regulatory Affairs

PERMIT NO. APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager Lands & Mineral Resources

RECEIVED DEC 01 2006 DATE 11-22-2006

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

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

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

DIV. OF OIL, GAS & MINING



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.  
Well No: SSU 11G-9-8-21  
API No: 43-047-37991

Location: NWSW, Sec 9, T8S, R21E  
Lease No: UTU-80637  
Agreement: Stirrup South Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	James Ashley	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
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<br>(Notify Paul Buhler)           | - | Forty-Eight (48) hours prior to construction of location and access roads.  |
| Location Completion<br>(Notify Paul Buhler)             | - | Prior to moving on the drilling rig.  |
| Spud Notice<br>(Notify Petroleum Engineer)              | - | Twenty-Four (24) hours prior to spudding the well.  |
| Casing String & Cementing<br>(Notify Jamie Sparger)     | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests   |
| First Production Notice<br>(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)**

**Additional Stipulations:**

- Obtain Prior approval for rock/gravel location and access.

General Conditions of Approval

- A 2,017 by 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- **The Company shall assure the Ute Tribe that “ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC.” have acquired a current and valid Ute Tribal Business License and have “Access Permits” prior to construction, and will have these permits in all vehicles at all times.**
- **You are hereby notified that working under the “umbrella” of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.**
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement “Safety and Emergency Plan.” The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

- The personnel from the Ute Tribe Energy & Minerals Department shall be notified shall cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

## **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**

- An approved Sundry Notice is required before adding any oil to the drilling mud.

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

- 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.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- 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).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another 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.

- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 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.
- 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.
- 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\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- 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.
- 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.
- 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.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

**1/1/2007**

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

CA No.		Unit:		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 OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: 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 (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <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>

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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> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR</b> 1050 17th Street Suite 500 Denver STATE CO ZIP 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		<b>9. API NUMBER:</b> 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> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> 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	
	<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____		

**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. Starberry</u>	TITLE	<u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE	<u>4/17/2007</u>

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# 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

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

OPERATOR ACCT. No. N-2460

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
	99999	16007	43-047-37991	SSU 11G 9 8 21	NESW	9	8S	21E	Uintah	3/5/07	3/22/07

WELL 1 COMMENTS: SURFACE LOCATION: 2507' FSL, 2559' FWL, NESW, SEC 9-T8S-R21E  
BOTTOM SURFACE: 2172' FSL, 660' FWL, NWSW, SEC 9-T8S-R21E

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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

*John F Caldwell*

Signature

Office Administrator II  
Title

3/15/07  
Date

Phone No. (435)781-4342

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

- Oil Gas  
 Well  Well  Other

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2. Name of Operator

**QEP, UINTA BASIN, INC.**

3. Address and Telephone No.

**1571 East 1700 South - Vernal, UT 84078-8526**

Contact: **Dahn.Caldwell@questar.com**  
435-781-4342 Fax 435-781-4357

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

**SURFACE - 2507' FSL, 2559' FWL, NESW, SEC 9-T8S-R21E**  
**BOTTOM - 2172' FSL, 660' FWL, NWSW, SEC 9-T8S-R21E**

5. Lease Designation and Serial No.

**UTU-80637**

6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

7. If Unit or CA, Agreement Designation

**STIRRIP SOUTH UNIT**  
**UTU-#82151X**

8. Well Name and No.

**SSU 11G 9 8 21**

9. API Well No.

**43-047-37991**

10. Field and Pool, or Exploratory Area

**WONSITS VALLEY**

11. County or Parish, State

**UINTAH, UTAH**

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

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

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

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

**On 3/5/07 - Drilled 40' of 20" conductor hole. Set 40' of 14" conductor pipe. Cement w/ Ready Mix.**  
**On 3/5/07, Drilled 12-1/4" hole to 510'. Ran 11 jts of 9-5/8", J-55, 36# csg. Land shoe @ 484'. Cmt w/ 280 sxs Premium Cmt.**

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

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Signed **Dahn F. Caldwell**

*Dahn F. Caldwell*  
**Office Administrator II**

Date **3/15/07**

(This space for Federal or State office use)

Approved by: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

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

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

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

Well Name: SSU 11G-9-8-21  
 Location: 9- 8-S 21-E 26  
 Rig Name: FRONTIER

43-047-37991

Spud Date: 3/5/2007  
 Rig Release: 3/27/2007  
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/6/2007	06:00 -		DRL	1	MI RU PETE MARTIN BUCKET RIG ON 3/5/2007 ,DRILL 40' OF 20" CONDUCTORHOLE ,SET 40' OF 14" CONDUCTOR PIPE CEMENT CONDUCTOR WITH REDI-MIX ,DRILL RODENT HOLES RELEASE PETE MARTIN BUCKET RIG AT 1530 HRS 3/5/2007 . ON 3/5/2007 MIRU BILL-JR AIR RIG #3 ,DRILL 510' OF 12.250" HOLE ,SET 484' OF 9.625 ,J-55 ,36# ,STC ,11 JTS ,
			CMT	2	
3/12/2007	06:00 - 18:00	12.00	LOC	3	MIRU FRONTIER-1 ,RIG MOVE 90% OFF SCT6G 12-7-22 ,20% RIGGED UP ON SSU11G 9-8-21 SDON
3/13/2007	06:00 - 15:30 15:30 - 18:30	9.50 3.00	LOC	4	RIG UP FRONTIER-1 ,RELEASE TRUCKS AT 1530 HRS 3/12/2007 MIRU SINGLE JACK TESTERS ,PRESSURE TEST PIPE BLIND RAMS,CHOKE LINE ,KILL LINE ,UPPER KELLY ,SAFETY VALVES ,CHOKE MANIFOLD TO 3000 PSI ,TEST ANNULAR TO 1500 PSI ,TEST CASING TO 1500 PSI ,ADDITIONAL TESTS ACCUMULATOR PRESSURE-3000 PSI ,MANIFOLD-1500 PSI PSI AIR-110 PSI ,
			BOP	2	
3/14/2007	18:30 - 22:30	4.00	TRP	1	DRILL FLOAT/CEMENT/SHOE F/ 446 T/ 510
	22:30 - 23:30	1.00	DRL	1	DRILL F/ 510 T/ 609
	23:30 - 00:00	0.50	DRL	1	DEV SURVEY AT 540 0.00 DEG
	00:00 - 00:30	0.50	SUR	1	DRILL F/ 609 T/ 1192 ,BOILER-12 HRS ,FUEL USED-540 GAL
	00:30 - 06:00	5.50	DRL	1	SURVEY AT 1188 0.75 DEG
	06:00 - 06:30	0.50	SUR	1	DRILL F/ 1192 T/ 1658
	06:30 - 12:00	5.50	DRL	1	SURVEY AT 1617 0.25 DEG
	12:00 - 12:30	0.50	SUR	1	DRILL F/ 1658 T/ 2353 ,GAS FLOW AT 2006 15-20' FLARE ,CLOSE IN PITS WEIGHT UP TO 8.6#/GAL WITH BRINE TO CONTROL GAS FLOW.
	12:30 - 19:00	6.50	DRL	1	DRILL F/ 2353 T/ 2390 ,WATER FLOW AT 2360, 200 BBL/HR ,
	19:00 - 20:00	1.00	DRL	1	DRILL F/ 2390 T/ 2550 ,WATER FLOW 160BBL/HR ,PREPARE TO MUD UP
	20:00 - 23:00	3.00	DRL	1	MUD UP TO CONTROL WATER FLOW ,MUD 9.4#/GAL VIS 36
	23:00 - 23:30	0.50	CIRC	1	DRILL F/ 2550 T/ 2610 CONDITION MUD TO 9.4#/GAL VIS TO 36 BUILD VOLUME
3/15/2007	01:00 - 01:30	0.50	SUR	1	SURVEY AT 2540 1.0 DEG
	01:30 - 06:00	4.50	DRL	1	DRILL F/ 2610 T/ 2810 ,BOILER 12 HRS
	06:00 - 12:30	6.50	DRL	1	DRILL F/ 2810 T/ 3150
	12:30 - 13:00	0.50	SUR	1	SURVEY AT 3082 0.75 DEG
	13:00 - 22:30	9.50	DRL	1	DRILL F/ 3150 T/ 3656
	22:30 - 23:00	0.50	SUR	1	SURVEY MISS-RUN
	23:00 - 23:30	0.50	DRL	1	DRILL F/ 3656 T/ 3690
	23:30 - 00:00	0.50	SUR	1	SURVEY AT 3622 1.0 DEG
	00:00 - 01:30	1.50	DRL	1	DRILL F/ 3690 T/ 3780
	01:30 - 02:00	0.50	RIG	1	RIG SERVICE ,CHANGE OUT ROTATING RUBBER
3/16/2007	02:00 - 06:00	4.00	DRL	1	DRILL F/ 3780 T/ 3989 ,BOILER-12 HRS ,
	06:00 - 10:30	4.50	DRL	1	DRILL F/ 3989 T/ 4170
	10:30 - 11:00	0.50	SUR	1	SURVEY AT 4097 1.25 DEG
	11:00 - 17:00	6.00	DRL	1	DRILL F/ 4170 T/ 4420
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE
	17:30 - 03:30	10.00	DRL	1	DRILL F/ 4420 T/ 4800
	03:30 - 04:30	1.00	CIRC	1	CIRC/COND HOLE MUD FOR TRIP OOH FOR DIRECTIONAL TOOLS,FLOW CHECK ,DROP SURVEY ,SLM ON TRIP OUT
	04:30 - 06:00	1.50	TRP	10	TRIP OOH ,FLOW CHECK ,NO LOSS OR GAIN, BOILER -12 HRS ,FUEL USED-793 GAL ,
3/17/2007	06:00 - 07:30	1.50	TRP	1	TRIP OUT
	07:30 - 08:00	0.50	RIG	1	RIG SERVICE

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**Operations Summary Report**

Well Name: SSU 11G-9-8-21  
 Location: 9- 8-S 21-E 26  
 Rig Name: FRONTIER

Spud Date: 3/5/2007  
 Rig Release: 3/27/2007  
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/17/2007	08:00 - 09:30	1.50	TRP	1	LAY DOWN 6 1/4 DCS	
	09:30 - 11:00	1.50	TRP	1	PICK UP DIRECTIPONAL TOOLS	
	11:00 - 12:00	1.00	TRP	2	TRIP IN 11 STANDS	
	12:00 - 13:30	1.50	TRP	1	PICK UP 30 4.5 HWDP	
	13:30 - 15:00	1.50	TRP	2	TRIP IN	
	15:00 - 15:30	0.50	REAM	1	REAM 50' TO BOTTOM	
	15:30 - 19:00	3.50	DRL	1	DRILL F/ 4800 TO 4840	
	19:00 - 19:30	0.50	RIG	2	WORK ON PUMPS	
	19:30 - 05:30	10.00	DRL	2	DRILL F/ 4840 TO 4925	
	05:30 - 06:00	0.50	SUR	1	SURVEY	
	-	-	-	-	-	-
	-	-	-	-	-	-
	3/18/2007	06:00 - 17:30	11.50	DRL	2	KOP AT 4840' DRILL F/ 4925 TO 5048 SLIDING 50%
17:30 - 18:00		0.50	SUR	1	SURVEY	
18:00 - 05:30		11.50	DRL	2	DRILL F/ 5048 TO 5188 SLIDING 50%	
-	-	-	-	-	-	
3/19/2007	06:00 - 15:30	9.50	DRL	2	MUD MOTOR IS A 2.38 DEG. AND A .283 GPR DRILL F/ 5188 TO 5315'	
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE	
	16:00 - 17:00	1.00	DRL	2	DRILL F/ 5315 TO 5330	
	17:00 - 18:30	1.50	CIRC	1	CIRC. SWEEP AND PUMP A WT PILL	
	18:30 - 20:30	2.00	TRP	12	TRIP OUT	
	20:30 - 22:30	2.00	OTH		CHANGE MUD MOTOR FROM A 2.38 TO A 2.77 DEG. BUILDS W/ 5S NEED 9S	
	22:30 - 00:30	2.00	TRP	2	TRIP IN TO 5200'	
	00:30 - 02:30	2.00	LOG	1	LOG F/ 5200 TO 5330	
	02:30 - 06:00	3.50	DRL	1	DRILL F/ 5330 TP 5355	
-	-	-	-	-	-	
-	-	-	-	-	-	
3/20/2007	06:00 - 17:00	11.00	DRL	2	MUD MOTOR IS A 2.77 DEG. .283 GPR DRILL F/ 5355 TO 5445	
	17:00 - 17:30	0.50	SUR	1	SURVEY	
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE	
	18:00 - 18:30	0.50	DRL	2	DRILL F/ 5445 TO 5451	
	18:30 - 19:00	0.50	CIRC	1	CIRC. WAIT FOR DIR.DRILLERS TO SE W/ WE NEEDED	
	19:00 - 03:00	8.00	DRL	2	DRILL F/ 5451 TO 5537	
	03:00 - 03:30	0.50	SUR	1	SURVEY	
	03:30 - 04:00	0.50	CIRC	1	CIRC MIX WT PILL	
	04:00 - 06:00	2.00	TRP	12	TRIP OUT TO CHANGE MOTOR DACK TO A 2.38 DEG.	
	-	-	-	-	-	-
3/21/2007	06:00 - 06:30	0.50	TRP	2	NEED TO CHANGE MOTOR BACK TO A 2.38 DEG. NEED 6S AND ARE GETING 14 DEG. BUILDS TRIP OUT	
	06:30 - 07:30	1.00	OTH		CHANGE MUD MOTOR F/ 2.77 TO 2.38	
	07:30 - 08:00	0.50	RIG	1	RIG SERVICE	
	08:00 - 10:00	2.00	TRP	2	TRIP IN TO 5470	
	10:00 - 10:30	0.50	REAM	1	REAM F/ 5470 TO 5537	
	10:30 - 17:30	7.00	DRL	2	DRILL F/ 5537 TO 5615	
	17:30 - 18:00	0.50	SUR	1	SURVEY	
	18:00 - 05:00	11.00	DRL	1	DRILL F/ 5615 TO 5708	
	05:00 - 06:00	1.00	SUR	1	SURVEY	
	3/22/2007	06:00 - 11:30	5.50	DRL	2	DRILL F/ 5708 TO 5760
11:30 - 12:30		1.00	LOG	1	RELOG F/ 5698 TO 5760	

**Operations Summary Report**

Well Name: SSU 11G-9-8-21  
 Location: 9- 8-S 21-E 26  
 Rig Name: FRONTIER

Spud Date: 3/5/2007  
 Rig Release: 3/27/2007  
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/22/2007	12:30 - 17:30	5.00	DRL	2	DRILL F/ 5760 TO 5791
	17:30 - 18:00	0.50	SUR	1	SURVEY
	18:00 - 05:30	11.50	DRL	2	DRILL F/ 5791 TO 5890
	05:30 - 06:00	0.50	SUR	1	SURVEY
-	-	-	-	-	TD AT +OR - 5910' OR 5476 TVD
3/23/2007	06:00 - 10:30	4.50	DRL	2	DRILL F/ 5890 TO 5930
	10:30 - 12:30	2.00	TRP	14	CIRC.SHORT TRIP UP TO 4900'
	12:30 - 13:30	1.00	CIRC	1	CIRC.
	13:30 - 15:30	2.00	TRP	2	PULL 11 STANDS DP LAY DOWN DP
	15:30 - 16:00	0.50	CSG	1	RIG UP LAYDOWN TRUCK
	16:00 - 20:30	4.50	TRP	3	LAY DOWN DP & HWDP
	20:30 - 22:00	1.50	CSG	1	RIG UP TO RUN 7" CASING
	22:00 - 22:30	0.50	RIG	1	RIG SERVICE
	22:30 - 04:30	6.00	CSG	2	RUN 132 JOINTS 7" 26# CASING
	04:30 - 06:00	1.50	CIRC	1	RIG UP TO PUMP AND CIRC.
-	-	-	-	-	ENTERED G1 LIME AT 5478 TVD AND 5922 MD
3/24/2007	06:00 - 08:00	2.00	CMT	2	CEMENT 7" CASING
	08:00 - 13:30	5.50	BOP	1	SET SLIPS NIPPEL DOWN BOPS CUT OFF CASING NIPPEL UP BOPS
	13:30 - 15:30	2.00	OTH		CHANGE PIPE RAMS FROM 4.5 TO 3.5
	15:30 - 22:00	6.50	BOP	2	CHANGE OUT KELLYS CHANGE OVER TO 3.5 TOOLS TEST PIPE RAMS 3000 PSI CASING TO 500 PSI
	22:00 - 23:00	1.00	OTH		INSTALL WEAR RIG
3/25/2007	23:00 - 01:00	2.00	TRP	1	PICK UP BHA
	01:00 - 06:00	5.00	TRP	2	PICK UP 3 1/2 DP
	06:00 - 06:30	0.50	TRP	2	PICK UP DP
	06:30 - 08:00	1.50	DRL	4	DRILL CEMENT AND EQUIPMENT SHOE AT 5930 FLOAT AT 5885
	08:00 - 17:00	9.00	DRL	2	DRILL F/ 5930 TO 6135
	17:00 - 17:30	0.50	SUR	1	SURVEY
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 05:30	11.50	DRL	2	DRILL F/ 6135 TO 6405
3/26/2007	05:30 - 06:00	0.50	SUR	1	SURVEY
	06:00 - 06:30	0.50	DRL	2	DRILL F/ 6412 TO 6420
	06:30 - 09:30	3.00	TRP	15	TRIP OUT CHANGE PIPE PUSH PIPE
	09:30 - 12:30	3.00	TRP	2	TRIP IN TO 6357
	12:30 - 13:00	0.50	REAM	1	WASH F/ 6357 TO 6420
	13:00 - 17:00	4.00	DRL	2	DRILL F/ 5420 TO 6483
	17:00 - 17:30	0.50	SUR	1	SURVEY
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 05:30	11.50	DRL	2	DRILL F/ 6420 TO 6805
	05:30 - 06:00	0.50	SUR	1	SURVEY
	-	-	-	-	-
3/27/2007	06:00 - 17:00	11.00	DRL	2	BACK IN AT 6355 EXIT BOTTOM OF G1 LIME AT 6717 BACK IN AT 6800. MUD MOTOR IS 1.5 DEG.
	17:00 - 17:30	0.50	SUR	1	ROTATE AND SLIDE FROM 6805 TO 7054
	17:30 - 18:00	0.50	RIG	1	SURVEYS
	18:00 - 18:30	0.50	DRL	2	RIG SERVICE
	18:00 - 18:30	0.50	DRL	2	ROTATE FROM 7054 TO 7086, IN ZONE FROM 6774 TO 7086

**Operations Summary Report**

Well Name: SSU 11G-9-8-21  
 Location: 9-8-S 21-E 26  
 Rig Name: FRONTIER

Spud Date: 3/5/2007  
 Rig Release: 3/27/2007  
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/27/2007	18:30 - 19:30	1.00	CIRC	1	PUMPED 2, 20 BBL 60 VIS, 10.7 PPG SWEEPS, DID NOT BRING BACK ANY EXTRA CUTTINGS
	19:30 - 20:30	1.00	TRP	14	SHORT TRIP TO CASING, HOLE IN GOOD SHAPE
	20:30 - 21:30	1.00	CIRC	1	PUMPED 20 BBL 60 VIS, 10.7 PPG SWEEP, NO EXTRA CUTTINGS, PUMPED DRY JOB
	21:30 - 22:30	1.00	TRP	2	TRIP OUT TO 4800, CHAINED OUT TO CASING
	22:30 - 23:30	1.00	CSG	1	RIG UP WESTATES LAY DOWN TRUCK
	23:30 - 00:00	0.50	TRP	3	LAY DOWN PIPE
	00:00 - 00:30	0.50	TRP	2	TRIP IN PIPE OUT OF DERRICK
	00:30 - 05:00	4.50	TRP	3	LAY DOWN PIPE AND DIRECTIONAL TOOLS
	05:00 - 05:30	0.50	CSG	1	RIG DOWN LAY DOWN TRUCK
	05:30 - 06:00	0.50	OTH		RIG UP WIRELINE TRUCK
3/28/2007	06:00 - 07:00	1.00	DEQ	1	SET RETRIEVABLE BRIDGE PLUG AT 4700'
	07:00 - 11:00	4.00	LOC	7	CLEAN PITS, RIG RELEASED AT 1100 HRS., 3/27/2007
	11:00 - 06:00	19.00	LOC	4	RIG DOWN

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

Well Name: SSU 11G-9-8-21 Spud Date: 3/5/2007  
 Location: 9-8-S 21-E 26 Rig Release:  
 Rig Name: **43-047-37991** Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/3/2007	06:00 - 16:00	10.00	LOC	4	INITIAL REPORT OF COMPLETION. On 4/2/07, MIRU Gudac Brothers Well Service. ND WH & NU BOP's. SWIFN.  24 Hour Forecast: PU tbg.
4/4/2007	06:00 - 16:00	10.00	LOC	2	Csg Size: 7" On 4-3-07, MU & RIH w/ret head, 1 jt 2-7/8" & XN nipple. Tally & rabbit in hole w/new 2-7/8" 6.5# J-55 tubing to 4700'. Latch on to RBP & circulate clean w/190 bbls hot 2% KCl. Release RBP. POOH & LD RBP. MU & RIH w/4-3/4" drag bit, 1 jt & XN nipple to 4714'. SWIFN  24 hr forecast Tag PBTB  Casing size: 7" 26# J-55 Casing depth: 5475' MD  Perfs G-1 Lime -Open hole 5475' - 7086' (1611')
4/5/2007	06:00 - 16:00	10.00	OTH		On 4/4/07, SITP = 800#, SICP = 800#. Bet @ 4714'. Bled well down & recovered 10 bbls oil fromo csg. Pu p.30 bbls 2% KCL down tbg. RIH w/ bit & tag PBTB @ 7098'. Pull bit to 5400'. SWIFN.  24 hr forecast: Acidize.  Casing size: 7" 26# J-55 Casing depth: 5475' MD  Perfs G-1 Lime -Open hole 5475' - 7086' (1611')
4/6/2007	06:00 - 16:00	10.00	STIM	1	On 4-5-07, SITP-800#, SICP-800#, bit @ 5400'. Bled well down & recovered 10 bbls oil from casing. Pump 20 bbls 2% KCl down tubing. RIH w/bit to 7040'. MIRU Halliburton to acidize as follows: Stage 1 - 7040' MD. Circulate 40.8 bbls 15% HCl down tubing. SI casing. Break @ 3000#. Pump 78.2 bbls 15% HCl. Flush w/40.8 bbls 2% KCl & 30 bbls 10# brine. Total load - 187 bbls, total acid -5000 gas 15% HCl. Avg rate - 6.0 bpm, max rate - 6.3 bpm. Avg psi -2500#, max psi -2981#. ISIP -1500#, FG-.71 psi/ft. Open up casing. Tubing bled down to 0#. Stage 2 - 6616' MD. Circulate 38.3 bbls 15% HCl down tubing. SI casing. Break @ 2500#. Pump 80.7 bbls 15% HCl. Flush w/38.3 bbls 2% KCl & 30 bbls 10# brine. Total load- 187 bbls, total acid -5000 gals 15% HCl. Avg rate - 6.0 bpm, max rate -6.3 bpm. Avg psi - 2600#, max psi -2900#. ISIP -1642#. FG -.74 psi/ft. Open up casing. Tubing bled down to 0#. Stage 3 - 6287' MD. Circulate 36.4 bbls 15% HCl down tubing. SI casing. Break @ 2400#. Pump 58.6 bbls 15% HCl. Flush w/36.4 bbls 15% HCl & 30 bbls 10 brine. Total load - 161 bbls, total acid - 4000 gals 15% HCl. Avg rate - 6.3 bpm, max rate - 6.9 bpm. Avg psi - 2500#, max psi - 2900#.

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**Operations Summary Report**

Well Name: SSU 11G-9-8-21  
 Location: 9- 8-S 21-E 26  
 Rig Name:

Spud Date: 3/5/2007  
 Rig Release:  
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/6/2007	06:00 - 16:00	10.00	STIM	1	<p>ISIP -1564#. FG - .72 psi/ft. Open up casing. Tubing bled down to 0#.</p> <p>Stage 4 - 6057' MD. Circulate 35.0 bbls 15% HCl down tubing. SI casing. Break @ 2400#. Pump 36.0 bbls 15% HCl. Flush w/35.0 bbls 15% HCl down tubing. SI casing. Break @ 2400#. Pump 36.0 bbls 15% HCl. Flush w/35.0 bbls 15% HCl &amp; 30 bbls 10# brine. Total load - 136 bbls, Total acid - 3000 gals 15% HCl. Avg rate - 6.0 bpm, max rate - 6.3 bpm. Avg psi - 2500#, max psi - 2820#. ISIP - 1520#. .72 psi/ft. Open up casing. Tubing bled down to 0#.</p> <p>Put bit to 4813'. RDMO Halliburton. RU flowback manifold. SWIFN</p> <p>Total load - 671 bbls, total recovery - 200 bbls. Estimated load left to recover - 471 bbls.</p> <p>24 hr forecast: Flow back or swab load.</p> <p>Casing size: 7" 26# J-55            Casing depth: 5475' MD</p> <p>Minus daily recovery: 200            Plus water today: 671            Load left to recover: 471</p> <p>Perfs            G-1 Lime -Open hole            5475' - 7086' (1611')</p>
4/9/2007	06:00 - 16:00	10.00	PTST	2	<p>On 4/6/07, SITP = 580#, SICP = 800#. EOT @ 4813'. Open up tbg on 48/64" choke flowed back brine &amp; acid to pit. Began showing film of oil. Opened to flow back tank on full-open 2".</p> <p>10:00 AM, FTP = 80# on wide open 2" @ 25 BPH w/ trace oil.            12:00 noon, FTP = 80# on wide open 2" @ 25 BPH w/ 50% oil.            3:00 PM, FTP = 80# on wide open 2" @ 25 BPH w/ 80% oil. Flow back tank nearing capacity.</p> <p>Heat oil &amp; transfer to sales tank. SWI for weekend.            Estimated load left to recover = 271 bbls.</p> <p>24 hr forecast: Trip out bit &amp; run production BHA.</p> <p>Casing size: 7" 26# J-55            Casing depth: 5475' MD</p> <p>Perfs            G-1 Lime -Open hole            5475' - 7086' (1611')</p>
4/10/2007	06:00 - 16:00	10.00	TRP	2	<p>On 4/9/07, SITP = 575#, SICP = 775#, EOT @ 4813'. Bled down &amp; flowed +/- 30 bbls oil. Circulate w/ 200 bbls hot 10# brine. POOH w/ drag bit &amp; LD. RIH w/ pinned NC, 1 jt 2-7/8", PSN, 15 jts, TAC &amp; 146 jts to surface. ND BOP's &amp; set anchor w/ 14M# tension. Land on B-2 adapter @ 5342' as detailed below.</p> <p>Circulate out brine w/ 2% KCL. Recovered 25 bbls very gas cut oil. Pump 8 bbls Xysol down tbg &amp; spot to EOT w/ 20 bbls 2% KCL. SWIFN.            Estimated load left to recover = 271 bbls</p>

**Questar E & P** Page 3 of 4  
**Operations Summary Report**

Well Name: SSU 11G-9-8-21 Spud Date: 3/5/2007  
 Location: 9- 8-S 21-E 26 Rig Release:  
 Rig Name: Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2007	06:00 - 16:00	10.00	TRP	2	24 hr forecast: PU rods. Casing size: 7" 26# J-55 Casing depth: 5475' MD Perfs G-1 Lime -Open hole 5475' - 7086' (1611') Tbg Detail KB 15.0 Tension 1.5 146 Jts 2-7/8" 6.5# J-55 New condition 4800.91 7" TAC w/ 14M 2.33 15 jts 2-7/8" 488.78 PSN 1.10 1 jt 2-7/8" 32.21 Pinned NC 0.45 Tbg Tail @ 5342.28
4/11/2007	06:00 - 16:00	10.00	TRP	7	On 4/10/07, SITP = 850#, SICP = 750#. Bled csg down & recovered oil. Flush tbg w/ 45 bbls hot brine. Bucket test pump. RIH w/ pump & rods as detailed below. Fill hole w/ 5 bbls water & long stroke pump to 850#. Held. RD pump. SWIFN due to windy conditions. Estimated load left to recover - 271 bbls 24 hr forecast: RDMO Casing size: 7" 26# J-55 Casing depth: 5475' MD Perfs G-1 Lime -Open hole 5475' - 7086' (1611') Tbg Detail KB 15.0 Tension 1.5 146 Jts 2-7/8" 6.5# J-55 New condition 4800.91 7" TAC w/ 14M 2.33 15 jts 2-7/8" 488.78 PSN 1.10 1 jt 2-7/8" 32.21 Pinned NC 0.45 Tbg Tail @ 5342.28 Rod & Pump Detail 1-1/2" x 26' polish rod 7/8" x 4' pony 81 - 7/8" plain

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Questar E & P Page 4 of 4

## Operations Summary Report

Well Name: SSU 11G-9-8-21 Spud Date: 3/5/2007  
 Location: 9- 8-S 21-E 26 Rig Release:  
 Rig Name: Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/11/2007	06:00 - 16:00	10.00	TRP	7	130 - 3/4" plain 20 - 3/4" guided Pump - 2-1/2 x 1-3/4 x 16 x 19 x 21 RHAC Weatherford #2005, 174" stroke
4/12/2007	06:00 - 16:00	10.00	LOC	4	On 4/11/07, RDMO Gudac Brothers Well Service. Turn over to construction for installation of pumping unit. FINAL REPORT OF COMPLETION.  LLTR: 271 BBLs  Casing size: 7" 26# J-55 Casing depth: 5475' MD  Perfs G-1 Lime -Open hole 5475' - 7088' (1611')  Tbg Detail KB 15.0 Tension 1.5 146 Jts 2-7/8" 6.5# J-55 New condition 4800.91 7" TAC w/ 14M 2.33 15 jts 2-7/8" 488.78 PSN 1.10 1 jt 2-7/8" 32.21 Pinned NC 0.45 Tbg Tail @ 5342.28  Rod & Pump Detail 1-1/2" x 26' polish rod 7/8" x 4' pony 81 - 7/8" plain 130 - 3/4" plain 20 - 3/4" guided Pump - 2-1/2 x 1-3/4 x 16 x 19 x 21 RHAC Weatherford #2005, 174" stroke

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**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface **NESW, SEC 9-T8S-R21E, 2507' FSL, 2559' FWL**  
 At top rod. interval reported below  
 At total depth **NWSW, SEC 9-T8S-R21E, 2172' FSL, 660' FWL**

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU - 80637**

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

7. UNIT AGREEMENT NAME  
**STIRRUP SOUTH UNIT #82151X**

8. FARM OR LEASE NAME  
**N/A**

9. WELL NO.  
**SSU 11G 9 8 21**

10. FIELD AND POOL, OR WILDCAT  
**STIRRUP SOUTH UNIT**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 9-T8S-R21E**

12. COUNTY OR PARISH  
**UINTAH**

13. STATE  
**UT**

14. PERMIT NO.  
**43-047-37991**

DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED  
**3/5/07 - 12/14/06**

16. DATE T.D. REACHED  
**3/26/07**

17. DATE COMPL. (Ready to prod.)  
**4/11/07**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**KB**

19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD  
**5,499 (VERT)  
 7086' (HORIZ)**

21. PLUG BACK T.D., MD & TVD  
**7098' MD**

22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS DRILLED BY  
 ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**OPEN HOLE - 5475' - 7086' GRRV**

25. WAS DIRECTIONAL SURVEY MADE  
**YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**UNKNOWN - NO BOND LOG RUN.**

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#	484' GL	12 1/4"	280 SXS	
7"	26#	5930'	8 3/4"	410 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5342'	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5342'	

31. PERFORATION RECORD (Interval, size and number)  
**N/A - OPEN HOLE DRILLED F/ 5475' - 7086' (1611')**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	Acidized 17,000 gals in 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION  
**4/12/07**

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  
**PUMPING**

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
4/14/07	24			129	N/A	23	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)
100	400					

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

35. LIST OF ATTACHMENTS  
**WELLBORE SCHEMATIC**

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

SIGNED **JIM SIMONTON** TITLE **COMPLETION SUPERVISOR** DIV. OF OIL, GAS & MINING

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

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

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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 11G 9 8 21

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE		CONFIDENTIAL	UINTA	SURFACE	
GREEN RIVER	2700'			GREEN RIVER	2700'	
KICK OFF POINT	4841'			KICK OFF POINT	4841'	
TD (VERT)	5499'			TD (VERT)	5499'	
G1 LIME	5772'			G1 LIME	5772'	
TD (HORIZ)	7086'		TD (HORIZ)	7086'		

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## Deviation Summary

Well Name: SSU 11G-9-8-21

Location: 9- 8-S 21-E 26

TMD: 7,086.0 (ft)

TVD: 5,498.92 (ft)

Spud Date: 3/5/2007

S/T #

V.S. AZI (°)

Closure Distance: 1,917.2 (ft)

Closure Direction: 260.70 (°)

Calculation Method: Minimum Curvature

OH

259.97

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	609.0	0.00	0.00	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	1,188.0	0.75	0.00	YNN	578.98	3.79	0.00	-0.66	0.13	0.13	
OH	1,617.0	0.25	0.00	YNN	1,007.97	7.53	0.00	-1.31	0.12	-0.12	
OH	2,540.0	1.00	0.00	YNN	1,930.90	17.60	0.00	-3.07	0.08	0.08	
OH	3,082.0	0.75	0.00	YNN	2,472.84	25.88	0.00	-4.51	0.05	-0.05	
OH	3,622.0	1.00	0.00	YNN	3,012.78	34.12	0.00	-5.94	0.05	0.05	
OH	4,097.0	1.25	0.00	YNN	3,487.69	43.45	0.00	-7.57	0.05	0.05	
OH	4,683.0	1.94	170.94	YNN	4,682.13	-60.44	-11.48	21.83	0.00	0.00	MWD
OH	4,790.0	2.31	181.44	YNN	4,789.06	-64.38	-11.25	22.29	0.50	0.35	MWD
OH	4,821.0	2.56	185.82	YNN	4,820.03	-65.70	-11.33	22.60	1.00	0.81	MWD
OH	4,840.0	3.19	210.69	YNN	4,839.01	-66.57	-11.65	23.06	7.27	3.32	MWD
OH	4,850.0	3.94	219.44	YNN	4,848.99	-67.08	-12.01	23.51	9.24	7.50	MWD
OH	4,860.0	4.69	227.69	YNN	4,858.96	-67.62	-12.53	24.11	9.72	7.50	MWD
OH	4,870.0	5.69	234.57	YNN	4,868.92	-68.18	-13.23	24.91	11.76	10.00	MWD
OH	4,884.0	7.00	240.57	YNN	4,882.83	-69.00	-14.54	26.34	10.48	9.36	MWD
OH	4,916.0	10.94	244.82	YNN	4,914.43	-71.25	-18.99	31.11	12.48	12.31	MWD
OH	4,948.0	14.56	248.44	YNN	4,945.64	-74.03	-25.48	37.99	11.58	11.31	MWD
OH	4,979.0	17.06	251.07	YNN	4,975.47	-76.93	-33.41	46.30	8.39	8.06	MWD
OH	5,011.0	18.81	253.94	YNN	5,005.91	-79.88	-42.81	56.07	6.13	5.47	MWD
OH	5,043.0	21.00	257.82	YNN	5,036.00	-82.52	-53.37	66.93	7.99	6.84	MWD
OH	5,075.0	23.25	259.44	YNN	5,065.64	-84.89	-65.19	78.98	7.28	7.03	MWD
OH	5,106.0	25.63	259.44	YNN	5,093.86	-87.24	-77.80	91.80	7.68	7.68	MWD
OH	5,138.0	27.88	257.44	YNN	5,122.43	-90.13	-91.90	106.20	7.57	7.03	MWD
OH	5,170.0	30.31	257.82	YNN	5,150.39	-93.47	-107.10	121.74	7.62	7.59	MWD
OH	5,201.0	32.13	258.44	YNN	5,176.90	-96.77	-122.83	137.80	5.96	5.87	MWD
OH	5,233.0	34.25	259.82	YNN	5,203.68	-100.07	-140.03	155.32	7.03	6.63	MWD
OH	5,265.0	36.38	262.07	YNN	5,229.79	-102.97	-158.29	173.81	7.80	6.66	MWD
OH	5,297.0	38.38	263.44	YNN	5,255.22	-105.41	-177.56	193.21	6.77	6.25	MWD
OH	5,297.0	38.38	263.44	YNN	5,255.22	-105.41	-177.56	193.21	0.00	0.00	MWD
OH	5,328.0	41.38	262.32	YNN	5,279.01	-107.88	-197.28	213.06	9.95	9.68	MWD
OH	5,360.0	45.25	262.57	YNN	5,302.28	-110.76	-219.04	234.99	12.11	12.09	MWD
OH	5,392.0	49.69	262.32	YNN	5,323.91	-113.87	-242.41	258.54	13.89	13.88	MWD
OH	5,424.0	53.81	262.94	YNN	5,343.72	-117.09	-267.33	283.64	12.96	12.88	MWD

**Deviation Summary**

Well Name: SSU 11G-9-8-21  
 TMD: 7,086.0 (ft)  
 Closure Distance: 1,917.2 (ft)

TVD: 5,498.92 (ft)  
 Closure Direction: 260.70 (°)

Location: 9- 8-S 21-E 26  
 Spud Date: 3/5/2007  
 Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	259.97

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	5,455.0	57.19	261.94	YNN	5,361.27	-120.45	-292.65	309.16	11.22	10.90	MWD
OH	5,487.0	61.75	261.69	YNN	5,377.52	-124.37	-319.93	336.70	14.27	14.25	MWD
OH	5,519.0	66.25	262.32	YNN	5,391.55	-128.37	-348.40	365.43	14.17	14.06	MWD
OH	5,550.0	70.50	262.57	YNN	5,402.97	-132.16	-376.96	394.22	13.73	13.71	MWD
OH	5,582.0	71.06	263.57	YNN	5,413.51	-135.80	-406.96	424.39	3.43	1.75	MWD
OH	5,614.0	71.56	263.69	YNN	5,423.76	-139.17	-437.08	454.64	1.60	1.56	MWD
OH	5,646.0	73.63	263.75	YNN	5,433.33	-142.51	-467.43	485.11	6.47	6.47	MWD
OH	5,678.0	76.00	263.69	YNN	5,441.71	-145.88	-498.13	515.92	7.41	7.41	MWD
OH	5,710.0	77.94	264.07	YNN	5,448.93	-149.21	-529.13	547.03	6.17	6.06	MWD
OH	5,741.0	78.13	264.07	YNN	5,455.35	-152.34	-559.29	577.27	0.61	0.61	MWD
OH	5,773.0	79.56	264.57	YNN	5,461.54	-155.45	-590.53	608.58	4.72	4.47	MWD
OH	5,805.0	81.75	264.44	YNN	5,466.74	-158.47	-621.96	640.05	6.86	6.84	MWD
OH	5,837.0	82.88	264.69	YNN	5,471.02	-161.47	-653.53	671.66	3.62	3.53	mwd
OH	5,869.0	85.13	264.44	YNN	5,474.36	-164.49	-685.21	703.38	7.07	7.03	mwd
OH	5,880.0	85.31	264.32	YNN	5,475.28	-165.56	-696.12	714.31	1.96	1.64	mwd
OH	5,958.0	85.50	263.94	YNN	5,481.53	-173.51	-773.46	791.86	0.54	0.24	MWD
OH	5,990.0	88.00	264.44	YNN	5,483.34	-176.75	-805.24	823.72	7.97	7.81	MWD
OH	6,022.0	91.69	264.94	YNN	5,483.43	-179.71	-837.10	855.60	11.64	11.53	MWD
OH	6,053.0	92.68	264.57	YNN	5,482.25	-182.54	-867.94	886.47	3.41	3.19	MWD
OH	6,085.0	91.63	264.94	YNN	5,481.04	-185.46	-899.79	918.34	3.48	-3.28	MWD
OH	6,117.0	90.13	264.44	YNN	5,480.55	-188.42	-931.65	950.22	4.94	-4.69	MWD
OH	6,149.0	87.38	264.57	YNN	5,481.25	-191.49	-963.49	982.11	8.60	-8.59	MWD
OH	6,180.0	86.19	265.32	YNN	5,482.98	-194.22	-994.32	1,012.95	4.54	-3.84	MWD
OH	6,212.0	88.13	264.32	YNN	5,484.57	-197.10	-1,026.15	1,044.79	6.82	6.06	MWD
OH	6,244.0	89.13	263.69	YNN	5,485.33	-200.44	-1,057.96	1,076.70	3.69	3.13	MWD
OH	6,275.0	91.13	263.32	YNN	5,485.26	-203.95	-1,088.76	1,107.64	6.56	6.45	MWD
OH	6,307.0	92.25	262.94	YNN	5,484.32	-207.77	-1,120.52	1,139.58	3.70	3.50	MWD
OH	6,338.0	93.38	262.82	YNN	5,482.80	-211.61	-1,151.24	1,170.50	3.67	3.65	MWD
OH	6,370.0	92.50	262.19	YNN	5,481.16	-215.78	-1,182.92	1,202.43	3.38	-2.75	MWD
OH	6,401.0	91.25	262.82	YNN	5,480.14	-219.82	-1,213.64	1,233.38	4.51	-4.03	MWD
OH	6,433.0	89.75	263.07	YNN	5,479.86	-223.75	-1,245.40	1,265.33	4.75	-4.69	MWD
OH	6,465.0	87.81	263.07	YNN	5,480.54	-227.61	-1,277.15	1,297.28	6.06	-6.06	MWD
OH	6,497.0	85.88	262.94	YNN	5,482.31	-231.50	-1,308.87	1,329.18	6.04	-6.03	MWD

**Deviation Summary**

Well Name: SSU 11G-9-8-21	Location: 9- 8-S 21-E 26	S/T #	V.S. AZI (°)
TMD: 7,086.0 (ft)	TVD: 5,498.92 (ft)	OH	259.97
Closure Distance: 1,917.2 (ft)	Closure Direction: 260.70 (°)	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	6,528.0	85.81	262.94	YNN	5,484.55	-235.30	-1,339.55	1,360.06	0.23	-0.23	MWD
OH	6,560.0	85.88	262.82	YNN	5,486.87	-239.26	-1,371.22	1,391.93	0.43	0.22	MWD
OH	6,592.0	86.44	261.82	YNN	5,489.01	-243.53	-1,402.86	1,423.84	3.58	1.75	MWD
OH	6,624.0	87.25	261.69	YNN	5,490.77	-248.11	-1,434.48	1,455.77	2.56	2.53	MWD
OH	6,655.0	87.56	261.57	YNN	5,492.18	-252.62	-1,465.12	1,486.73	1.07	1.00	MWD
OH	6,687.0	86.13	261.07	YNN	5,493.94	-257.44	-1,496.71	1,518.67	4.73	-4.47	MWD
OH	6,719.0	85.95	260.94	YNN	5,496.15	-262.43	-1,528.24	1,550.59	0.69	-0.56	MWD
OH	6,751.0	87.06	261.82	YNN	5,498.10	-267.22	-1,559.82	1,582.52	4.42	3.47	MWD
OH	6,783.0	90.69	262.19	YNN	5,498.73	-271.66	-1,591.49	1,614.48	11.40	11.34	MWD
OH	6,815.0	91.06	261.57	YNN	5,498.24	-276.18	-1,623.17	1,646.46	2.26	1.16	MWD
OH	6,846.0	91.56	261.31	YNN	5,497.53	-280.80	-1,653.82	1,677.44	1.82	1.61	MWD
OH	6,878.0	88.25	261.44	YNN	5,497.58	-285.60	-1,685.45	1,709.43	10.35	-10.34	MWD
OH	6,909.0	87.63	262.57	YNN	5,498.70	-289.90	-1,716.13	1,740.39	4.16	-2.00	MWD
OH	6,941.0	88.94	263.19	YNN	5,499.66	-293.87	-1,747.87	1,772.33	4.53	4.09	MWD
OH	6,972.0	90.50	263.82	YNN	5,499.81	-297.37	-1,778.66	1,803.27	5.43	5.03	MWD
OH	7,004.0	91.81	263.94	YNN	5,499.16	-300.79	-1,810.48	1,835.19	4.11	4.09	MWD
OH	7,036.0	89.00	263.57	YNN	5,498.94	-304.27	-1,842.28	1,867.12	8.86	-8.78	MWD
OH	7,086.0	91.03	263.57	YNN	5,498.92	-309.87	-1,891.96	1,917.02	4.06	4.06	MWD



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

Spud  
Date  
Revised

5. LEASE DESIGNATION AND SERIAL NO.  
UTU - 80637

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBE

7. UNIT AGREEMENT NAME  
STIRRUP SOUTH UNIT  
#82151X

8. FARM OR LEASE NAME  
N/A

9. WELL NO.  
SSU 11G 9 8 21

10. FIELD AND POOL, OR WILDCAT  
STIRRUP SOUTH UNIT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC 9-T8S-R21E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

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 NESW, SEC 9-T8S-R21E, 2507' FSL, 2559' FWL  
At top rod. interval reported below  
At total depth NWSW, SEC 9-T8S-R21E, 2172' FSL, 660' FWL

14. PERMIT NO. 43-047-37991  
DATE ISSUED  
12. COUNTY OR PARISH UINTAH  
13. STATE UT

15. DATE SPUDDED 3/3/07  
16. DATE T.D. REACHED 3/26/07  
17. DATE COMPL. (Ready to prod.) 4/11/07  
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)<sup>a</sup> KB  
19. ELEV. CASINGHEAD  
20. TOTAL DEPTH, MD & TVD 7086' (VERT) 5499' TVD  
21. PLUG BACK T.D., MD & TVD 7098' 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)<sup>a</sup>  
OPEN HOLE - 5475' - 7086'  
25. WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
UNKNOWN - NO BOND LOG RUN.  
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#	484' GL	12 1/4"	200 SXS	
7"	26#	5930'	8 3/4"	410 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5342'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)  
N/A - OPEN HOLE DRILLED F/ 5475' - 7086' (1611')

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	Acidized 17,000 gals in 15% HCL

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
4/12/07	PUMPING	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/14/07	24			129	N/A	23	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	400						

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

35. LIST OF ATTACHMENTS  
WELLBORE SCHEMATIC

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED JIM SIMONTON TITLE COMPLETION SUPERVISOR DATE 7/24/07

RECEIVED  
SEP 13 2007

DIV. OF OIL, GAS & MINING  
7/24/07

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

CONFIDENTIAL

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

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

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

**6/14/2010**

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

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 See attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME See attached	
7. UNIT or CA AGREEMENT NAME: See attached	
8. WELL NAME and NUMBER: See attached	
9. API NUMBER: Attached	
10. FIELD AND POOL, OR WILDCAT: See attached	
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>	
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 672-6900
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached COUNTY: Attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

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

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

(This space for State use only)

RECEIVED  
JUN 28 2010

DIV. OF OIL, GAS & MINING

(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 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



# 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:  
3160  
(U-922)

JUN 15 2010

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JUN 17 2010

DIV. OF OIL, GAS & MINING

Questar Exploration & Production Co.  
1050 17th Street, Suite 500  
Independence Plaza  
Denver, Colorado 80265

Re: Non-Paying Well Determination  
SSU 11G-9-8-21 Well, Stirrup South Unit  
Uintah County, Utah

Gentlemen:

Our letter dated June 8, 2010 should have read:

It has been determined by this office that under existing conditions the following well is not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Location	Comp. Date	Lease
4304737991	SSU 11G-9-8-21	NESW 9 8.0 S 21.0 E SLB&M	04/11/2007	UTU80637

All past and future production from this well shall be handled and reported on a lease basis.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert  
Chief, Branch of Minerals

bcc: FOM Vernal  
Stirrup South Unit File  
MMS  
SITLA  
Division of Oil, Gas and Mining  
Central Files  
Agr. Sec. Chron.  
Fluid Chron  
Tickler (July 2010)

MCoulthard:mc:6-14-10SSU11Gnonpayingwell