

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.
UTU-80636

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

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

8. FARM OR LEASE NAME, WELL NO.
SSU 16G-4-8-21

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

9. API WELL NO.
43-047-38415

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

10. FIELD AND POOL, OR WILDCAT
~~UNDEVELOPED~~ WASHES

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)
At Surface 664' FSL 563' FEL, SESE, SECTION 4, T8S, R21E
At proposed production zone 1501' FNL 2050' FWL, SENW, SECTION 3, T8S, R21E

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

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*
13 +/- miles west of Red Wash, 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)
563' +/-

16. NO. OF ACRES IN LEASE
1922.36

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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

19. PROPOSED DEPTH
5682' TVD
9462' MD

20. BLM/BIA Bond No. on file
ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)
4825.8' GR

22. DATE WORK WILL START
ASAP

23. Estimated duration
20 DAYS

24. Attachments

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

SIGNED Jan Nelson Name (Printed) Jan Nelson
TITLE REGULATORY AFFAIRS
(This space for Federal or State office use)
3-Aug-06

PERMIT NO. 43-047-38415 APPROVAL DATE _____
Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

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

Surf 622346X
4444800Y
40.15000
100.00000

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

PILL 624111X
4444800Y
40.15000
100.00000

Federal Approval of this Action is Necessary

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

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

QUESTAR EXPLR. & PROD.

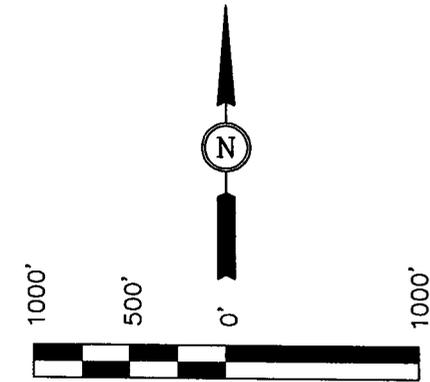
Well location, SSU #16G-4-8-21, located as shown in the SE 1/4 SE 1/4 of Section 4, T8S, R21E, S.L.B.&M., Uintah County, Utah

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

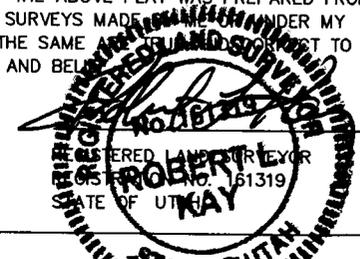
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

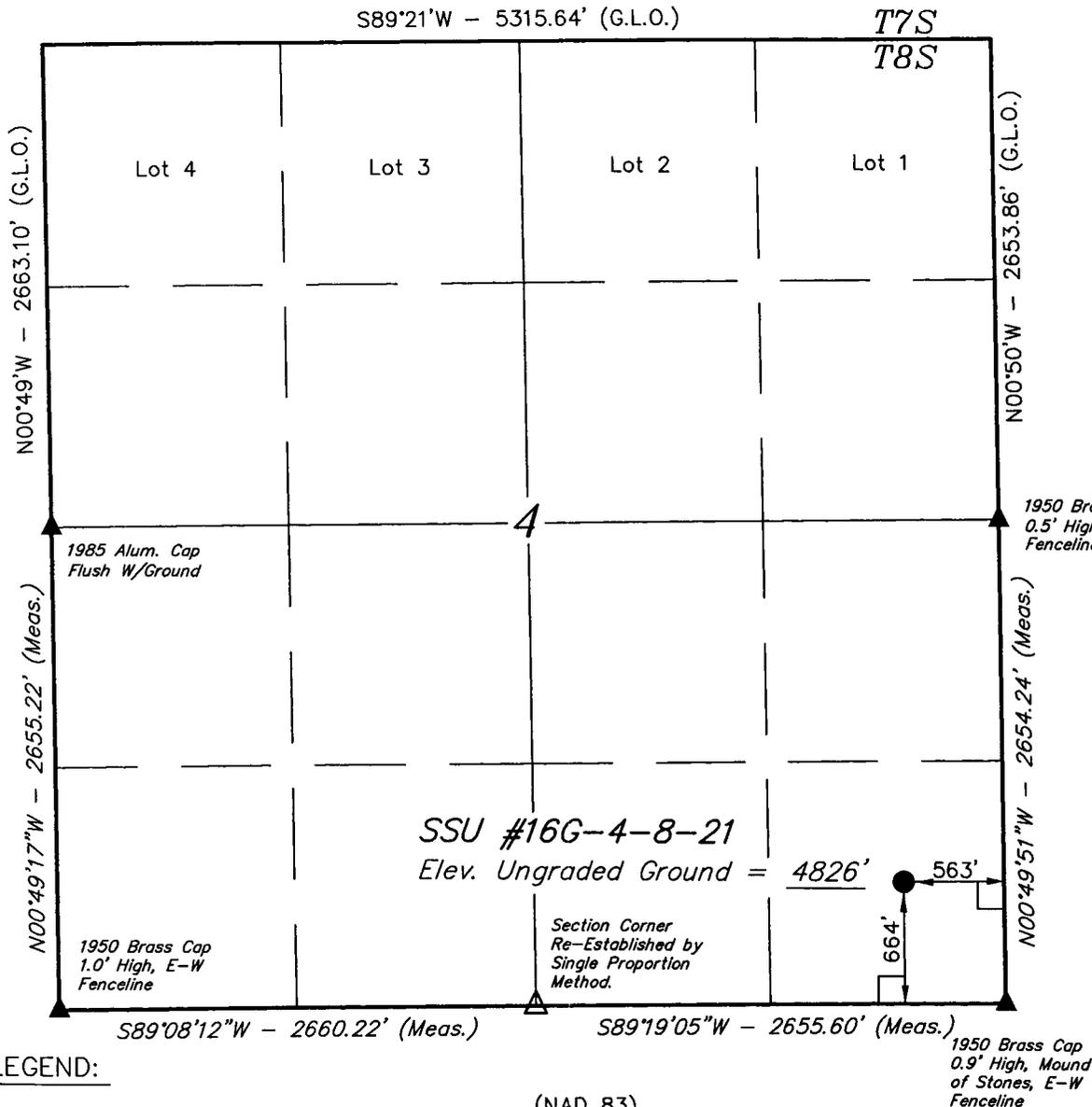
CERTIFICATE

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



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

SCALE 1" = 1000'	DATE SURVEYED: 06-13-06	DATE DRAWN: 06-15-06
PARTY D.A. T.A. C.H.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED (NOT SET ON GROUND)

(NAD 83)
 LATITUDE = 40°08'49.44" (40.147067)
 LONGITUDE = 109°33'09.37" (109.552603)
 (NAD 27)
 LATITUDE = 40°08'49.57" (40.147103)
 LONGITUDE = 109°33'06.89" (109.551914)

Additional Operator Remarks

QEP Uinta Basin Inc. proposes to drill a Horizontal well to test the G1 Lime. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

See attached Drilling plans.

See attached Onshore No. 1

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

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

DRILLING PROGRAM

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

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

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	TVD Depth	MD Depth
Uinta	Surface	Surface
Green River	2700'	2700'
Kickoff Point	5123'	5123'
G 1 Lime	5595'	5800'
TD	5682'	9462'

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:

Substance	Formation	TVD	MD
Oil/Gas	G1 Lime	5682'	9462'

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

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

DRILLING PROGRAM

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

3. Operator's Specification for Pressure Control Equipment:

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

4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	450'	12-1/4"	9-5/8"	J-55	36 lb/ft (new) LT&C
Intermediate	5902'	8-3/4"	7"	L-80	26 lb/ft (new) LT&C
Open Hole Completion					

DRILLING PROGRAM

5. Auxiliary Equipment

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

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

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

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

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

DRILLING PROGRAM

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

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

- C. Formation and Completion Interval: G1 Lime interval, final determination of completion will be made by analysis of logs.
 Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

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

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2464.0 psi. Maximum anticipated bottom hole temperature is 140° F.

EXHIBIT A
SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK

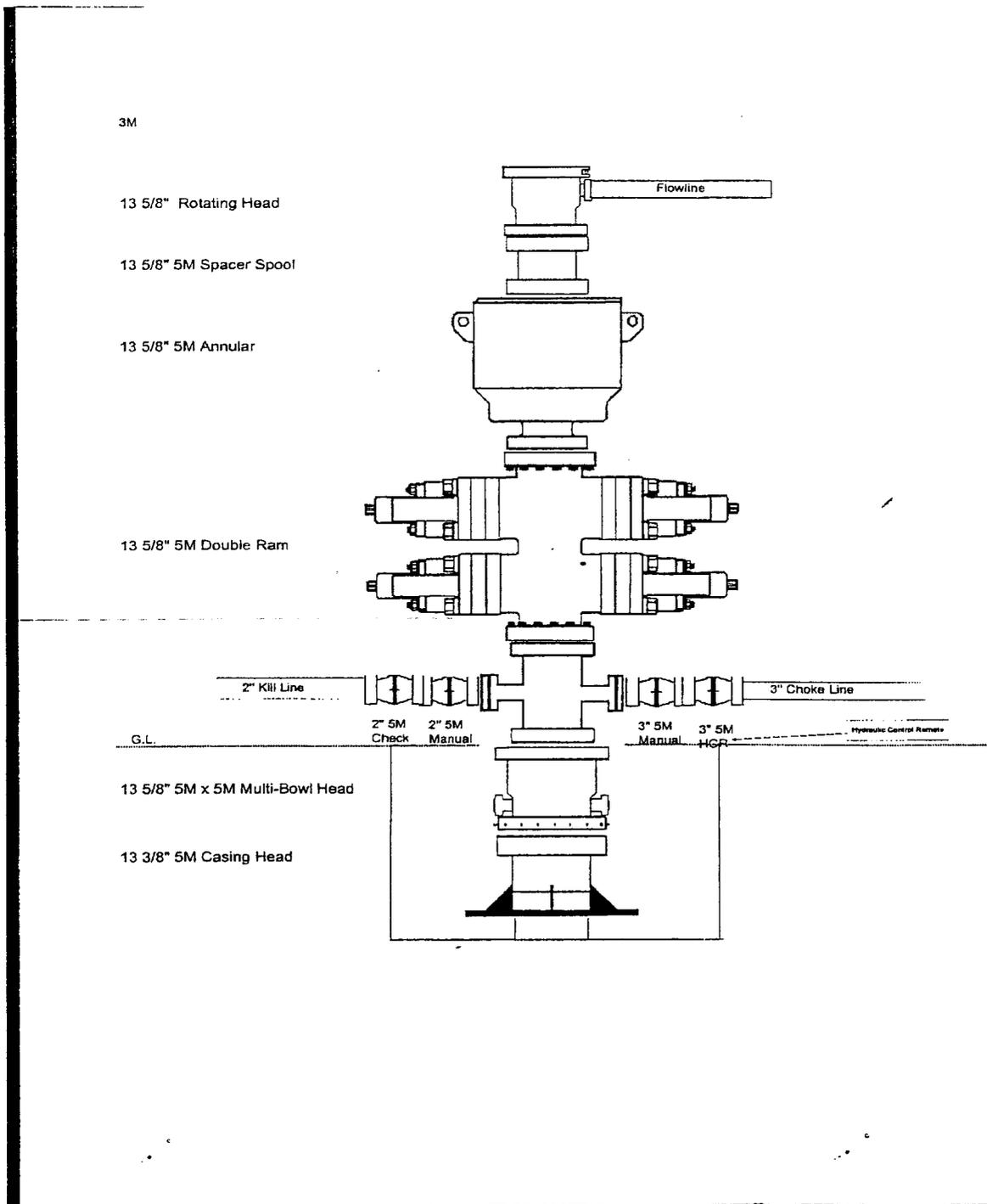
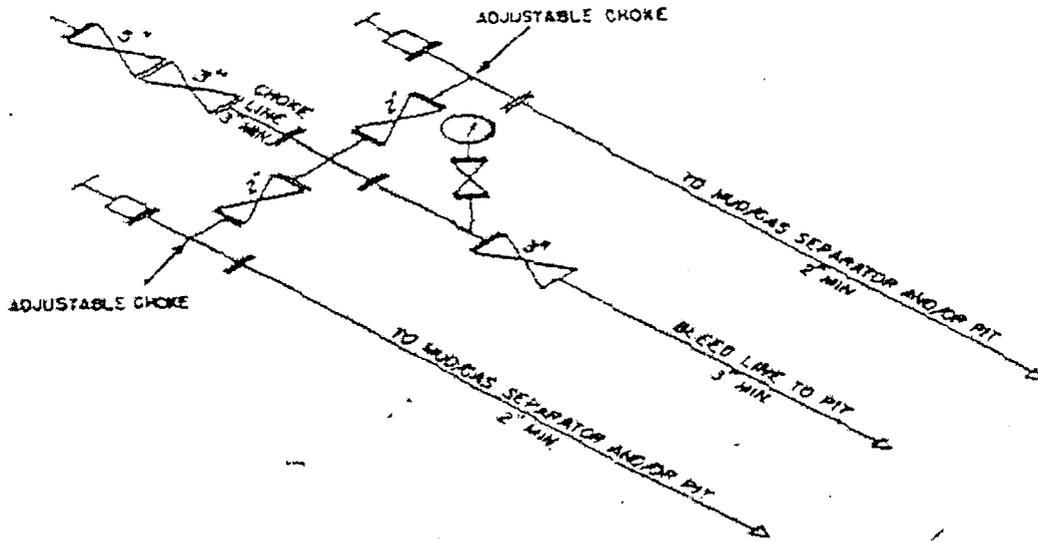


EXHIBIT A CONTINUED

46512 Federal Register / Vol. 53, No. 223 / Friday, November 18, 1988 / Rules and Regulations



② 3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY



Company: Questar Exploration & Production
 Field: Stirrup South Unit_1
 Location: SENW Sec.4-T8S-R21E
 Well: SSU #16G-4-8-21
 Wellbore #1
 Plan: Plan #1 (SSU #16G-4-8-21/Wellbore #1)



WELL DETAILS: SSU #16G-4-8-21

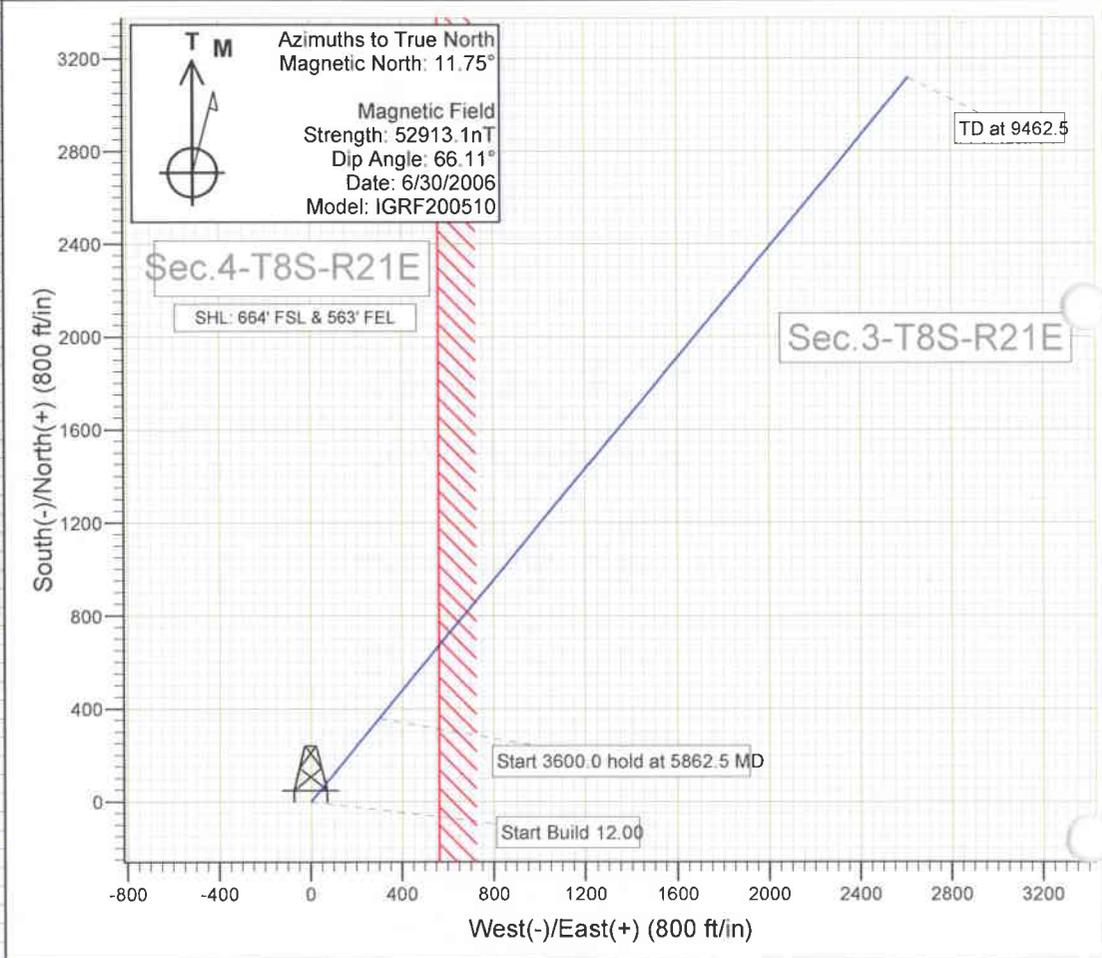
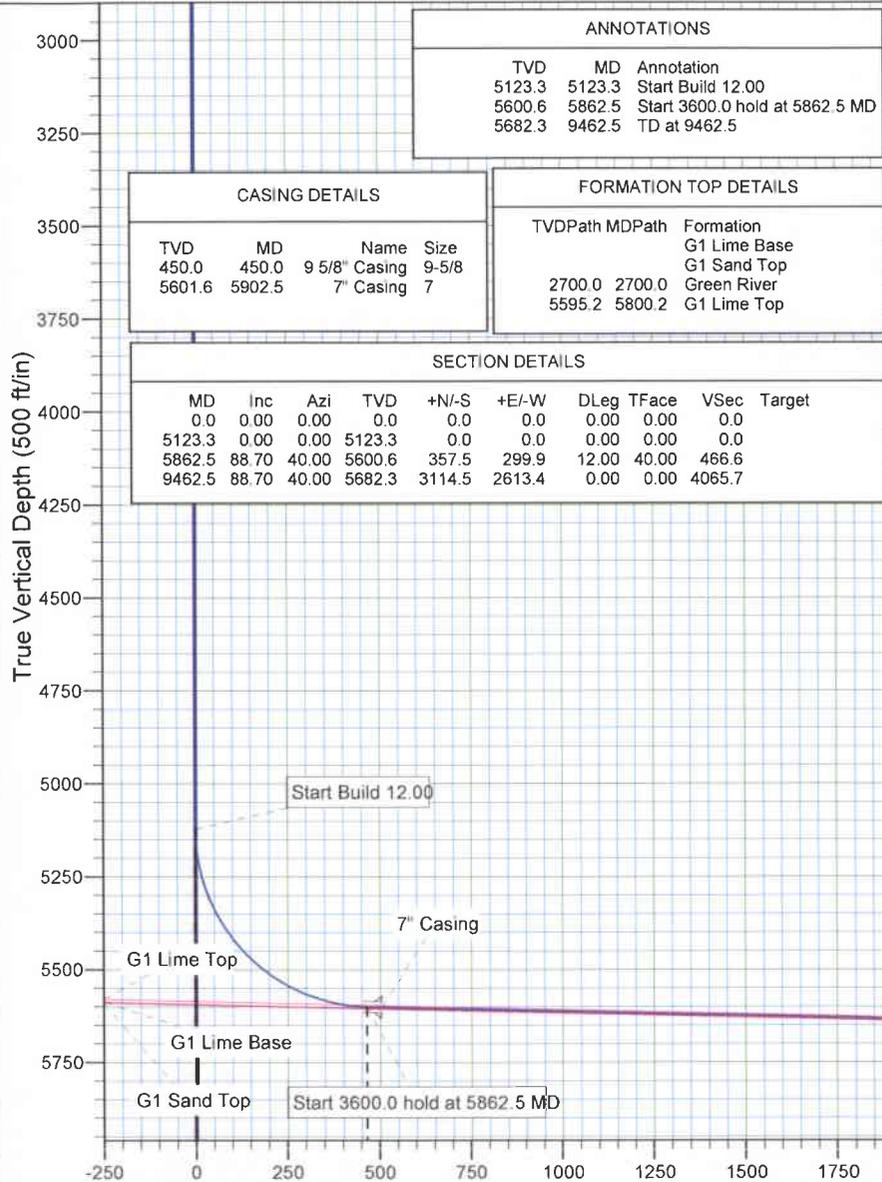
+N/-S	+E/-W	Northing	Easting	Ground Level: 4826.0	Latitude	Longitude	Slot
0.0	0.0	14583581.60	2044897.98	40° 8' 49.441	N109° 33' 9.371	W	

ANNOTATIONS		
TVD	MD	Annotation
5123.3	5123.3	Start Build 12.00
5600.6	5862.5	Start 3600.0 hold at 5862.5 MD
5682.3	9462.5	TD at 9462.5

CASING DETAILS				
TVD	MD	Name	Size	
450.0	450.0	9 5/8" Casing	9-5/8	
5601.6	5902.5	7" Casing	7	

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
2700.0	2700.0	G1 Lime Base	
5595.2	5800.2	G1 Sand Top	
		Green River	
		G1 Lime Top	

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	0.0
5123.3	0.00	0.00	5123.3	0.0	0.0	0.00	0.00	0.0	0.0
5862.5	88.70	40.00	5600.6	357.5	299.9	12.00	40.00	466.6	
9462.5	88.70	40.00	5682.3	3114.5	2613.4	0.00	0.00	4065.7	



Vertical Section at 40.00° (500 ft/in)

Questar Exploration & Production

**Stirrup South Unit_1
SENW Sec.4-T8S-R21E
SSU #16G-4-8-21
Wellbore #1**

Plan: Plan #1

Pathfinder Planning Report

30 June, 2006

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db	Local Co-ordinate Reference: Site SENW Sec.4-T8S-R21E
Company: Questar Exploration & Production	TVD Reference: WELL @ 4838.0ft (Original Well Elev)
Project: Stirrup South Unit_1	MD Reference: WELL @ 4838.0ft (Original Well Elev)
Site: SENW Sec.4-T8S-R21E	North Reference: True
Well: SSU #16G-4-8-21	Survey Calculation Method: Minimum Curvature
Wellbore: Wellbore #1	
Design: Plan #1	

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

Site SENW Sec.4-T8S-R21E		
Site Position:	Northing: 14,583,581.60 ft	Latitude: 40° 8' 49.441 N
From: Lat/Long	Easting: 2,044,897.98 ft	Longitude: 109° 33' 9.371 W
Position Uncertainty: 0.0 ft	Slot Radius: "	Grid Convergence: 0.93 °

Well SSU #16G-4-8-21			
Well Position	+N/-S 0.0 ft	Northing: 14,583,581.60 ft	Latitude: 40° 8' 49.441 N
	+E/-W 0.0 ft	Easting: 2,044,897.98 ft	Longitude: 109° 33' 9.371 W
Position Uncertainty	0.0 ft	Wellhead Elevation: ft	Ground Level: 4,826.0 ft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	6/30/2006	11.75	66.11	52,913

Design Plan #1					
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	40.00	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,123.3	0.00	0.00	5,123.3	0.0	0.0	0.00	0.00	0.00	0.00	
5,862.5	88.70	40.00	5,600.6	357.5	299.9	12.00	12.00	0.00	40.00	
9,462.5	88.70	40.00	5,682.3	3,114.5	2,613.4	0.00	0.00	0.00	0.00	

Pathfinder Energy Services
Planning Report

Database:	EDM 2003.14 Single User Db	Local Co-ordinate Reference:	Site SENW Sec.4-T8S-R21E
Company:	Questar Exploration & Production	TVD Reference:	WELL @ 4838.0ft (Original Well Elev)
Project:	Stirrup South Unit_1	MD Reference:	WELL @ 4838.0ft (Original Well Elev)
Site:	SENW Sec.4-T8S-R21E	North Reference:	True
Well:	SSU #16G-4-8-21	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 12.00									
5,123.3	0.00	0.00	5,123.3	0.0	0.0	0.0	0.00	0.00	0.00
5,125.0	0.20	40.00	5,125.0	0.0	0.0	0.0	12.00	12.00	0.00
5,150.0	3.20	40.00	5,150.0	0.6	0.5	0.7	12.00	12.00	0.00
5,175.0	6.20	40.00	5,174.9	2.1	1.8	2.8	12.00	12.00	0.00
5,200.0	9.20	40.00	5,199.7	4.7	4.0	6.1	12.00	12.00	0.00
5,225.0	12.20	40.00	5,224.2	8.3	6.9	10.8	12.00	12.00	0.00
5,250.0	15.20	40.00	5,248.5	12.8	10.7	16.7	12.00	12.00	0.00
5,275.0	18.20	40.00	5,272.5	18.3	15.4	23.9	12.00	12.00	0.00
5,300.0	21.20	40.00	5,296.0	24.8	20.8	32.3	12.00	12.00	0.00
5,325.0	24.20	40.00	5,319.1	32.2	27.0	42.0	12.00	12.00	0.00
5,350.0	27.20	40.00	5,341.6	40.5	33.9	52.8	12.00	12.00	0.00
5,375.0	30.20	40.00	5,363.5	49.7	41.7	64.8	12.00	12.00	0.00
5,400.0	33.20	40.00	5,384.8	59.7	50.1	78.0	12.00	12.00	0.00
5,425.0	36.20	40.00	5,405.3	70.6	59.3	92.2	12.00	12.00	0.00
5,450.0	39.20	40.00	5,425.1	82.3	69.1	107.5	12.00	12.00	0.00
5,475.0	42.20	40.00	5,444.0	94.8	79.6	123.8	12.00	12.00	0.00
5,500.0	45.20	40.00	5,462.1	108.1	90.7	141.1	12.00	12.00	0.00
5,525.0	48.20	40.00	5,479.3	122.0	102.4	159.2	12.00	12.00	0.00
5,550.0	51.20	40.00	5,495.4	136.6	114.6	178.3	12.00	12.00	0.00
5,575.0	54.20	40.00	5,510.6	151.8	127.4	198.2	12.00	12.00	0.00
5,600.0	57.20	40.00	5,524.7	167.6	140.7	218.8	12.00	12.00	0.00
5,625.0	60.20	40.00	5,537.6	184.0	154.4	240.2	12.00	12.00	0.00
5,650.0	63.20	40.00	5,549.5	200.9	168.5	262.2	12.00	12.00	0.00
5,675.0	66.20	40.00	5,560.2	218.2	183.1	284.8	12.00	12.00	0.00
5,700.0	69.20	40.00	5,569.7	235.9	197.9	307.9	12.00	12.00	0.00
5,725.0	72.20	40.00	5,577.9	254.0	213.1	331.5	12.00	12.00	0.00
5,750.0	75.20	40.00	5,584.9	272.4	228.5	355.5	12.00	12.00	0.00
5,775.0	78.20	40.00	5,590.7	291.0	244.2	379.9	12.00	12.00	0.00
5,800.0	81.20	40.00	5,595.1	309.8	260.0	404.5	12.00	12.00	0.00
G1 Lime Top									
5,800.2	81.20	40.00	5,595.2	310.0	260.1	404.7	0.00	0.00	0.00
5,825.0	84.20	40.00	5,598.3	328.8	275.9	429.2	12.11	12.11	0.00
5,850.0	87.20	40.00	5,600.2	347.9	291.9	454.2	12.00	12.00	0.00
Start 3600.0 hold at 5862.5 MD									
5,862.5	88.70	40.00	5,600.6	357.5	299.9	466.6	12.00	12.00	0.00
5,900.0	88.70	40.00	5,601.5	386.2	324.1	504.2	0.00	0.00	0.00
7" Casing									
5,902.5	88.70	40.00	5,601.6	388.1	325.7	506.7	0.00	0.00	0.00
6,000.0	88.70	40.00	5,603.8	462.8	388.3	604.1	0.00	0.00	0.00
6,100.0	88.70	40.00	5,606.0	539.4	452.6	704.1	0.00	0.00	0.00
6,200.0	88.70	40.00	5,608.3	616.0	516.9	804.1	0.00	0.00	0.00
6,300.0	88.70	40.00	5,610.6	692.5	581.1	904.1	0.00	0.00	0.00
6,400.0	88.70	40.00	5,612.8	769.1	645.4	1,004.0	0.00	0.00	0.00
6,500.0	88.70	40.00	5,615.1	845.7	709.6	1,104.0	0.00	0.00	0.00
6,600.0	88.70	40.00	5,617.4	922.3	773.9	1,204.0	0.00	0.00	0.00
6,700.0	88.70	40.00	5,619.6	998.9	838.2	1,304.0	0.00	0.00	0.00
6,800.0	88.70	40.00	5,621.9	1,075.5	902.4	1,403.9	0.00	0.00	0.00
6,900.0	88.70	40.00	5,624.2	1,152.1	966.7	1,503.9	0.00	0.00	0.00
7,000.0	88.70	40.00	5,626.4	1,228.6	1,030.9	1,603.9	0.00	0.00	0.00

Pathfinder Energy Services
Planning Report

Database:	EDM 2003.14 Single User Db	Local Co-ordinate Reference:	Site SENW Sec.4-T8S-R21E
Company:	Questar Exploration & Production	TVD Reference:	WELL @ 4838.0ft (Original Well Elev)
Project:	Stirrup South Unit_1	MD Reference:	WELL @ 4838.0ft (Original Well Elev)
Site:	SENW Sec.4-T8S-R21E	North Reference:	True
Well:	SSU #16G-4-8-21	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,100.0	88.70	40.00	5,628.7	1,305.2	1,095.2	1,703.8	0.00	0.00	0.00
7,200.0	88.70	40.00	5,631.0	1,381.8	1,159.5	1,803.8	0.00	0.00	0.00
7,300.0	88.70	40.00	5,633.3	1,458.4	1,223.7	1,903.8	0.00	0.00	0.00
7,400.0	88.70	40.00	5,635.5	1,535.0	1,288.0	2,003.8	0.00	0.00	0.00
7,500.0	88.70	40.00	5,637.8	1,611.6	1,352.3	2,103.7	0.00	0.00	0.00
7,600.0	88.70	40.00	5,640.1	1,688.1	1,416.5	2,203.7	0.00	0.00	0.00
7,700.0	88.70	40.00	5,642.3	1,764.7	1,480.8	2,303.7	0.00	0.00	0.00
7,800.0	88.70	40.00	5,644.6	1,841.3	1,545.0	2,403.7	0.00	0.00	0.00
7,900.0	88.70	40.00	5,646.9	1,917.9	1,609.3	2,503.6	0.00	0.00	0.00
8,000.0	88.70	40.00	5,649.1	1,994.5	1,673.6	2,603.6	0.00	0.00	0.00
8,100.0	88.70	40.00	5,651.4	2,071.1	1,737.8	2,703.6	0.00	0.00	0.00
8,200.0	88.70	40.00	5,653.7	2,147.7	1,802.1	2,803.6	0.00	0.00	0.00
8,300.0	88.70	40.00	5,655.9	2,224.2	1,866.4	2,903.5	0.00	0.00	0.00
8,400.0	88.70	40.00	5,658.2	2,300.8	1,930.6	3,003.5	0.00	0.00	0.00
8,500.0	88.70	40.00	5,660.5	2,377.4	1,994.9	3,103.5	0.00	0.00	0.00
8,600.0	88.70	40.00	5,662.7	2,454.0	2,059.1	3,203.5	0.00	0.00	0.00
8,700.0	88.70	40.00	5,665.0	2,530.6	2,123.4	3,303.4	0.00	0.00	0.00
8,800.0	88.70	40.00	5,667.3	2,607.2	2,187.7	3,403.4	0.00	0.00	0.00
8,900.0	88.70	40.00	5,669.6	2,683.7	2,251.9	3,503.4	0.00	0.00	0.00
9,000.0	88.70	40.00	5,671.8	2,760.3	2,316.2	3,603.4	0.00	0.00	0.00
9,100.0	88.70	40.00	5,674.1	2,836.9	2,380.5	3,703.3	0.00	0.00	0.00
9,200.0	88.70	40.00	5,676.4	2,913.5	2,444.7	3,803.3	0.00	0.00	0.00
9,300.0	88.70	40.00	5,678.6	2,990.1	2,509.0	3,903.3	0.00	0.00	0.00
9,400.0	88.70	40.00	5,680.9	3,066.7	2,573.2	4,003.3	0.00	0.00	0.00
TD at 9462.5									
9,462.5	88.70	40.00	5,682.3	3,114.5	2,613.4	4,065.7	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
450.0	450.0	9 5/8" Casing	9-5/8	12-1/4
5,902.5	5,601.6	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		1.30	40.00
5,800.2	5,586.0	G1 Lime Top		1.30	40.00
	5,594.0	G1 Lime Base		1.30	40.00
	5,596.0	G1 Sand Top		1.30	40.00

Pathfinder Energy Services
Planning Report

Database:	EDM 2003.14 Single User Db	Local Co-ordinate Reference:	Site SENW Sec.4-T8S-R21E
Company:	Questar Exploration & Production	TVD Reference:	WELL @ 4838.0ft (Original Well Elev)
Project:	Stirrup South Unit_1	MD Reference:	WELL @ 4838.0ft (Original Well Elev)
Site:	SEW Sec.4-T8S-R21E	North Reference:	True
Well:	SSU #16G-4-8-21	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
5,123.3	5,123.3	0.0	0.0	Start Build 12.00
5,862.5	5,600.6	357.5	299.9	Start 3600.0 hold at 5862.5 MD
9,462.5	5,682.3	3,114.5	2,613.4	TD at 9462.5

QEP UINTA BASIN, INC.
SSU 16G-4-8-21
664' FSL 563' FEL, SESE, SECTION 4, T8S, R21E (SURFACE LOCATION)
1501' FNL 2050' FWL, SENW, SECTION 3, T8S, R21E (BOTTOM HOLE LOCATION)

UINTAH COUNTY, UTAH
LEASE UTU-80636

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the SSU 16G-4-8-21 on July 20, 2006. Weather conditions were hot at the time of the onsite. In attendance at the inspection were the following individuals:

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

1. Existing Roads:

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

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

There will be no improvements made to existing access roads.

2. Planned Access Roads:

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

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

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

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

Product will be contained in tanks and transported from location.

5. Location and Type of Water Supply:

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

6. Source of Construction Materials:

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

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

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

8. **Ancillary Facilities:**

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

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

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

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

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

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

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

Please see attached Interim Reclamation plan.

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

Seed Mix:

Interim Reclamation:
6 lbs Hycrest Crested Wheatgrass
6 lbs Needle & Threadgrass

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

11. **Surface Ownership:**

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

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078
(435) 781-4400

12. **Other Information**

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

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

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

Lessee's or Operator's Representative:

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

Certification:

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

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

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

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



Jan Nelson
Red Wash Representative

3-Aug-06

Date

QUESTAR EXPLR. & PROD.

SSU #16G-4-8-21

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

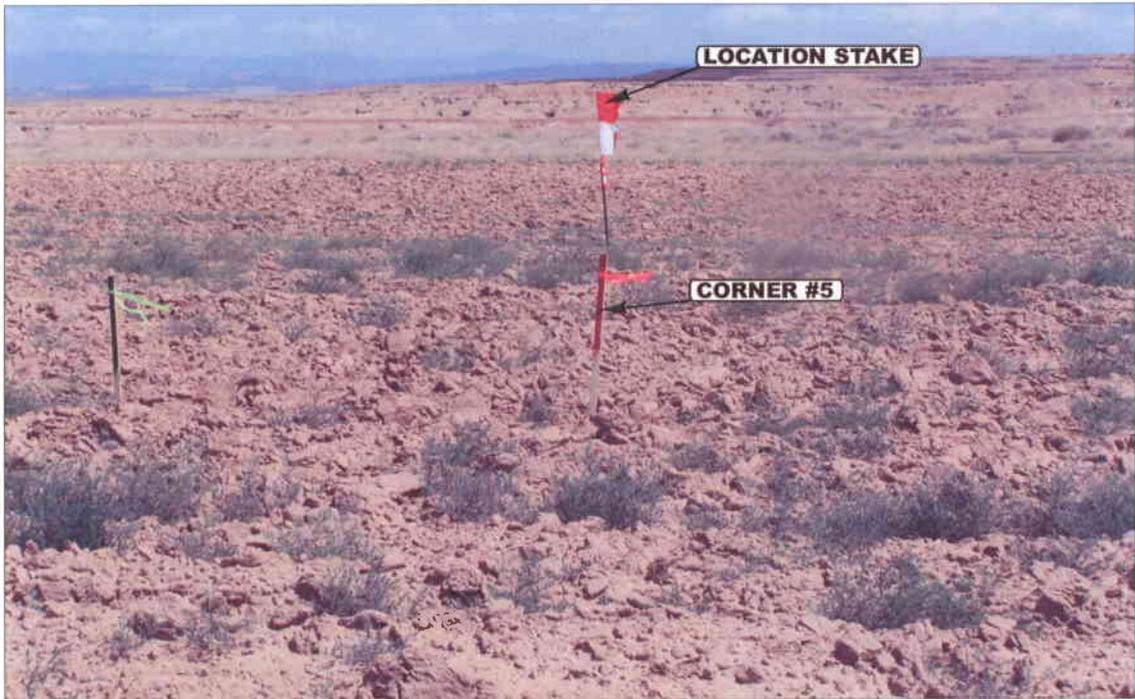


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

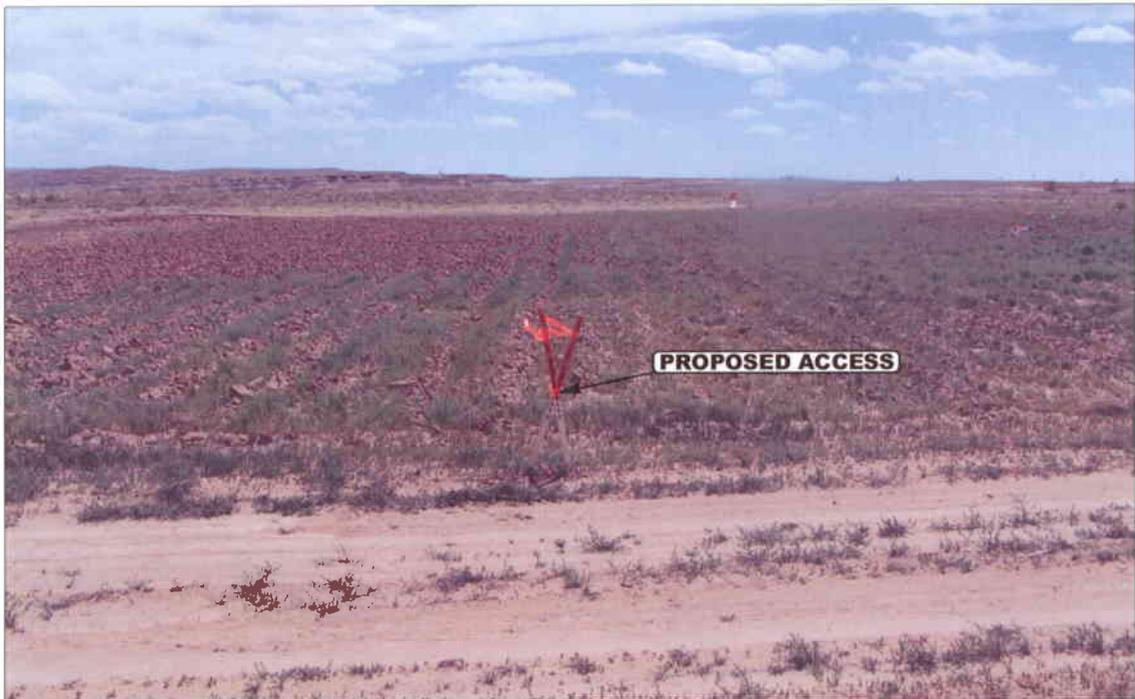


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

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

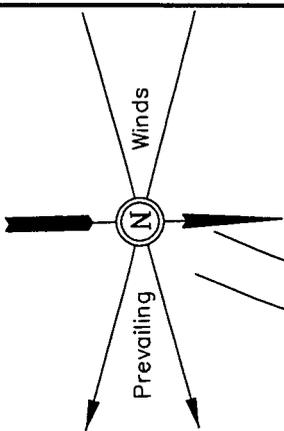
LOCATION PHOTOS	06	16	06	PHOTO
TAKEN BY: D.A.	MONTH	DAY	YEAR	
DRAWN BY: C.P.	REVISED: 00-00-00			

QUESTAR EXPLR. & PROD.

FIGURE #1

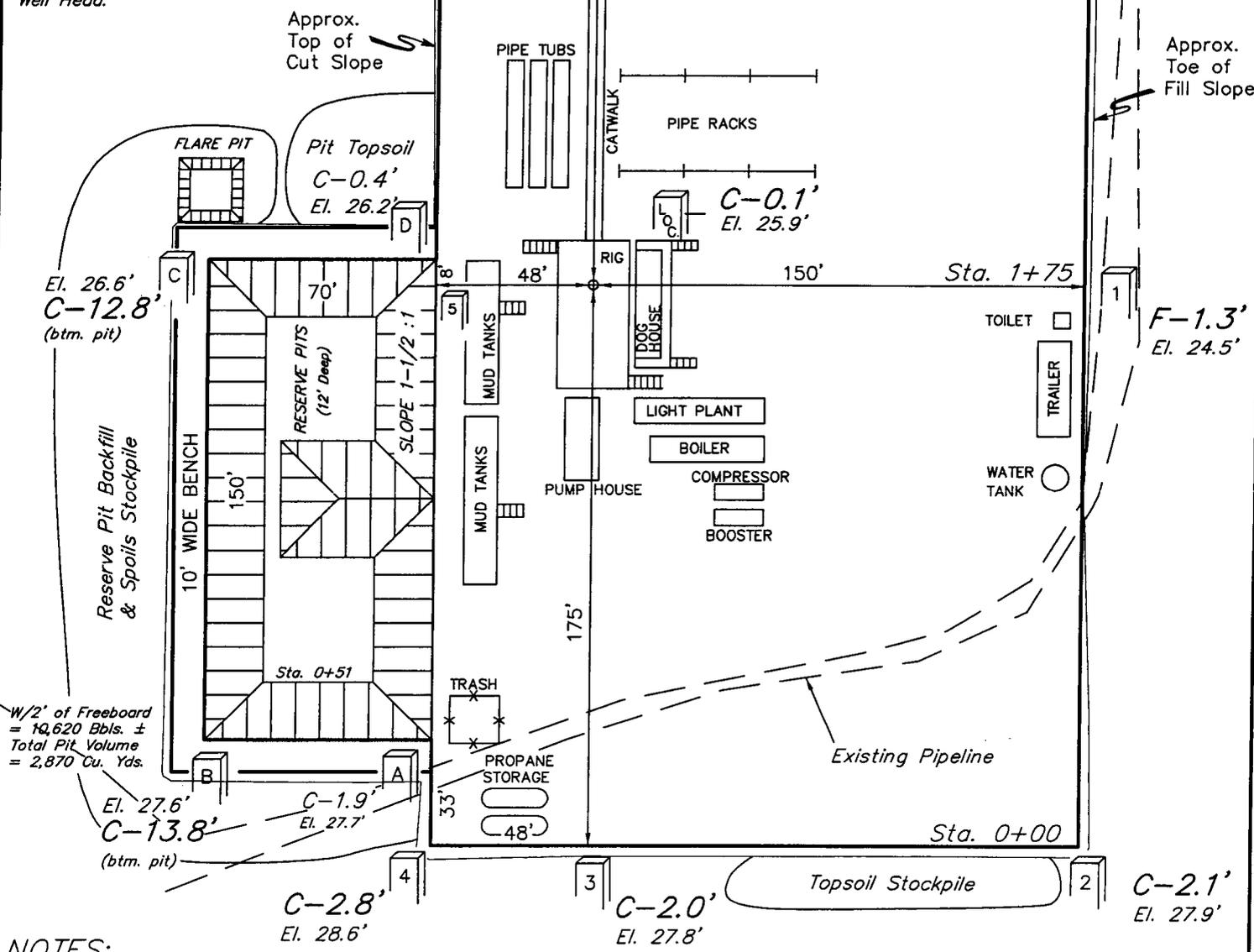
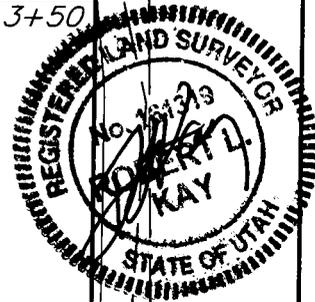
LOCATION LAYOUT FOR

SSU #16G-4-8-21
SECTION 4, T8S, R21E, S.L.B.&M.
664' FSL 563' FEL



SCALE: 1" = 50'
DATE: 06-15-06
Drawn By: C.H.

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4825.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 4825.8'

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

QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

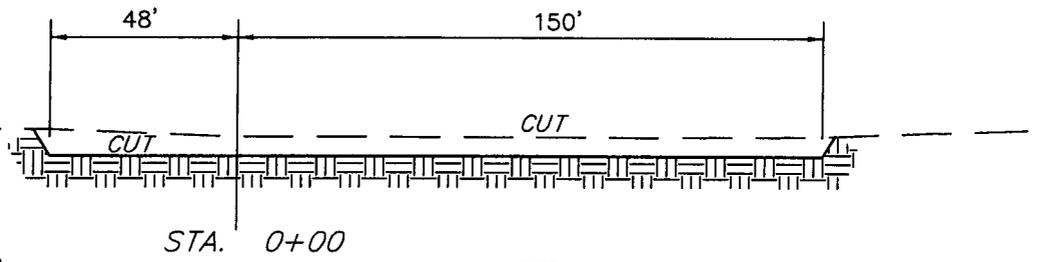
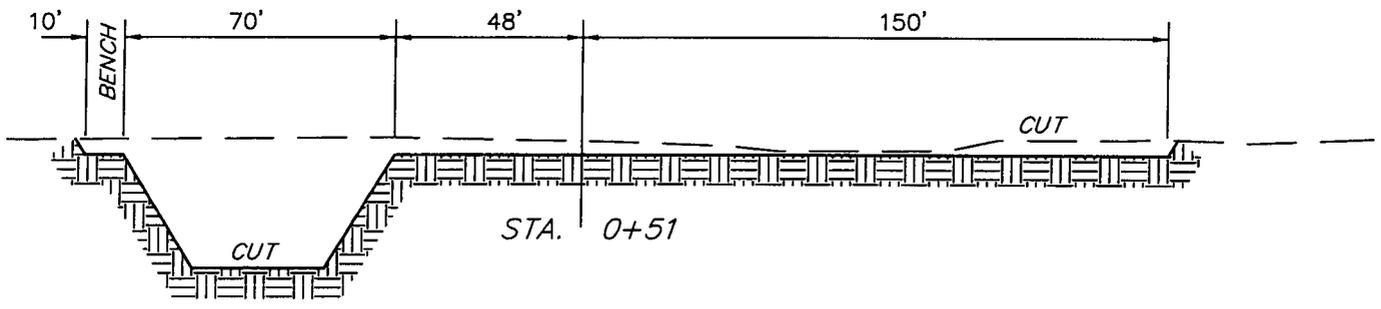
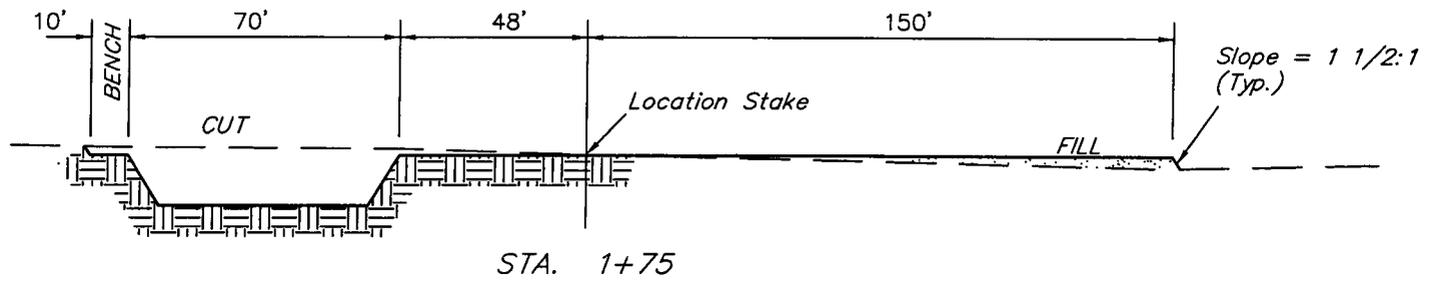
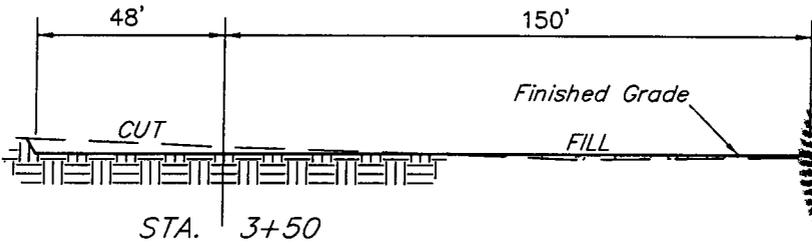
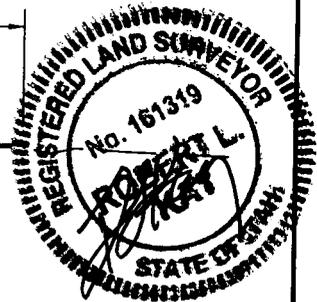
SSU #16G-4-8-21

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

664' FSL 563' FEL

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

DATE: 06-15-06
Drawn By: C.H.



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,610 Cu. Yds.
Remaining Location	= 4,010 Cu. Yds.
TOTAL CUT	= 5,620 CU.YDS.
FILL	= 1,320 CU.YDS.

EXCESS MATERIAL	= 4,300 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,050 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 1,250 Cu. Yds.

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

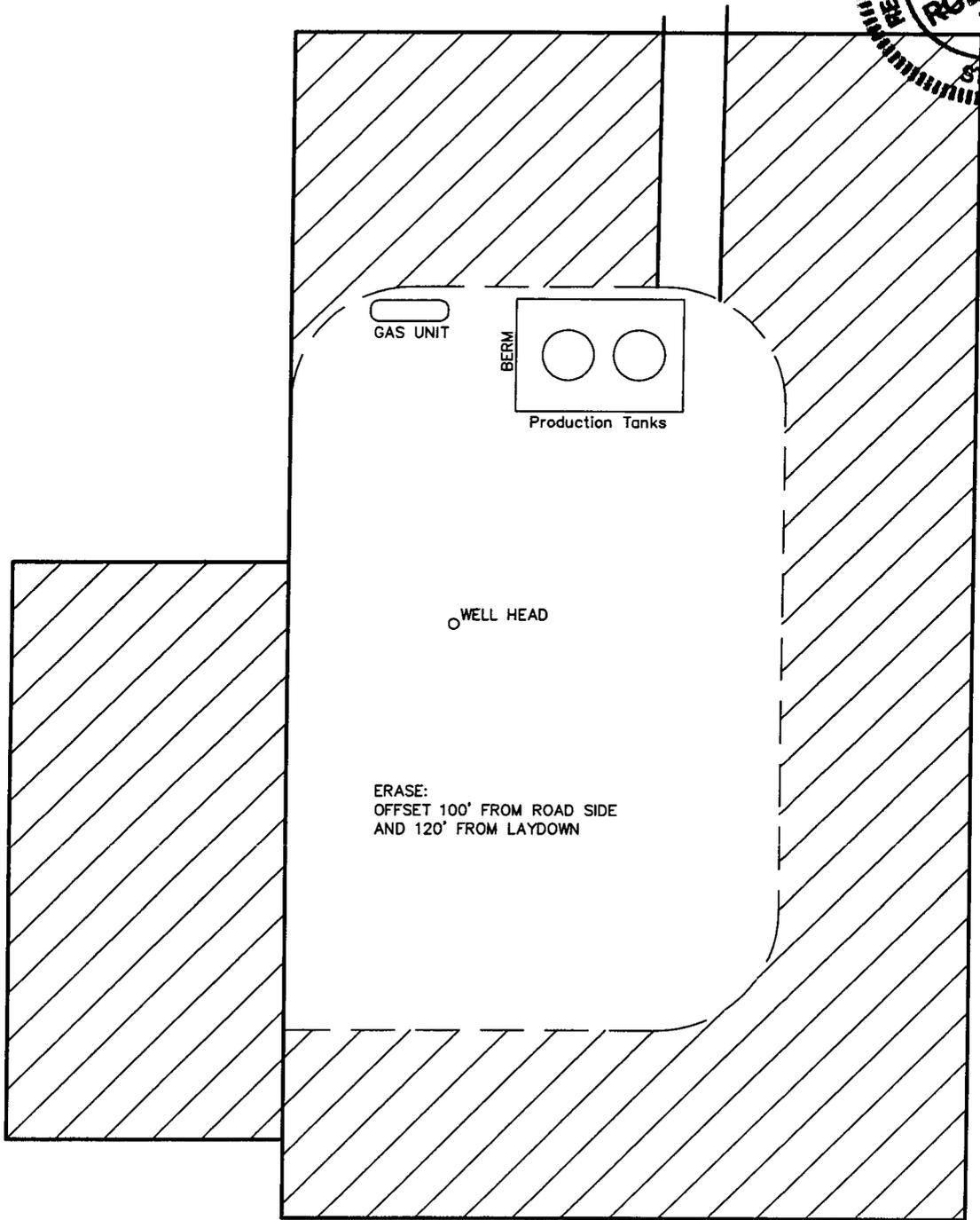
QUESTAR EXPLR. & PROD.

FIGURE #3

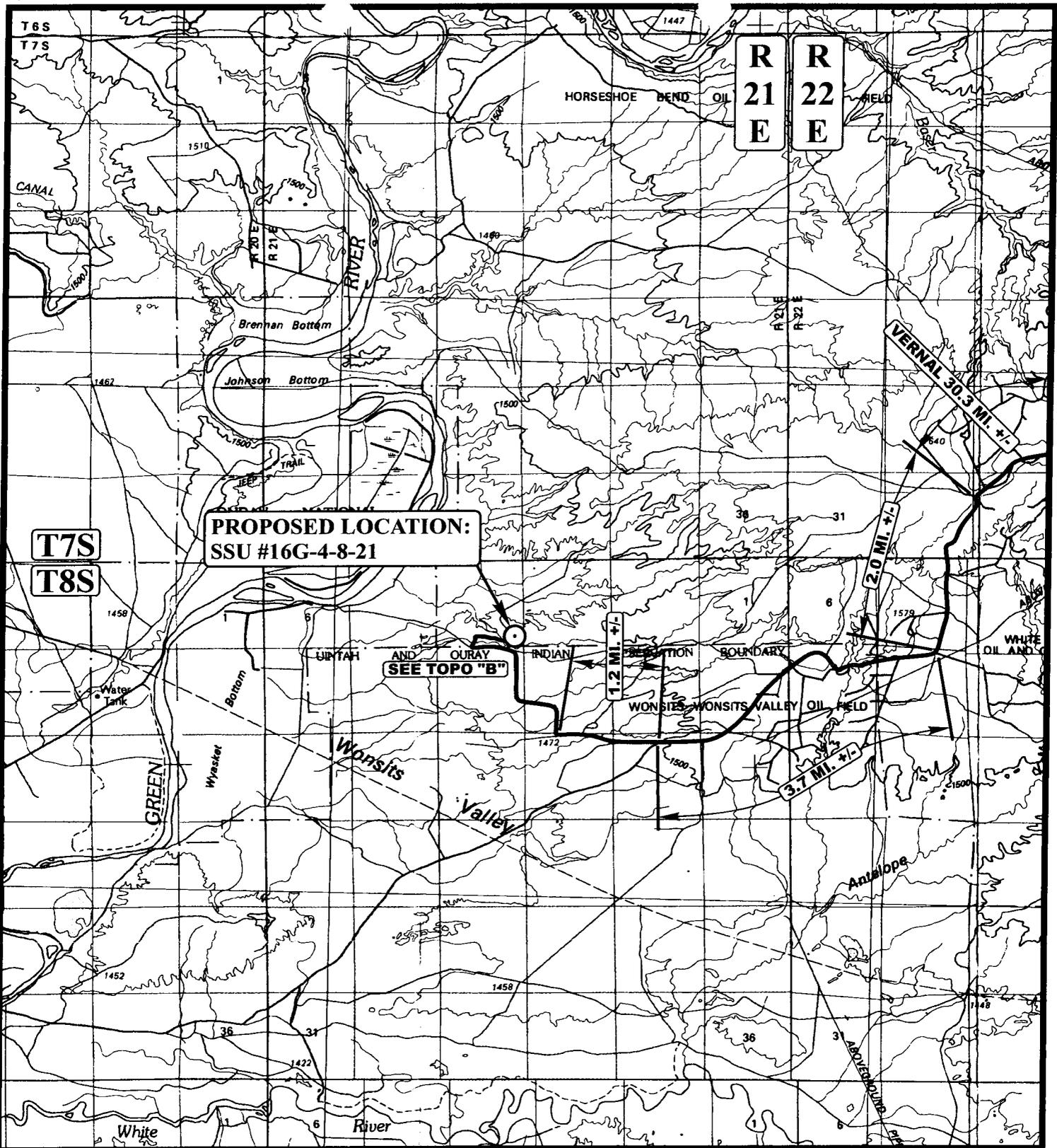
INTERIM RECLAMATION PLAN FOR

SCALE: 1" = 50'
DATE: 06-15-06
Drawn By: C.H.

SSU #16G-4-8-21
SECTION 4, T8S, R21E, S.L.B.&M.
664' FSL 563' FEL



 INTERIM RECLAMATION



LEGEND:

○ PROPOSED LOCATION



QUESTAR EXPLR. & PROD.

SSU #16G-4-8-21
 SECTION 4, T8S, R21E, S.L.B.&M.
 664' FSL 563' FEL



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

TOPOGRAPHIC
MAP

06	16	06
MONTH	DAY	YEAR

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



R
21
E

T7S
T8S

**PROPOSED LOCATION:
SSU #16G-4-8-21**

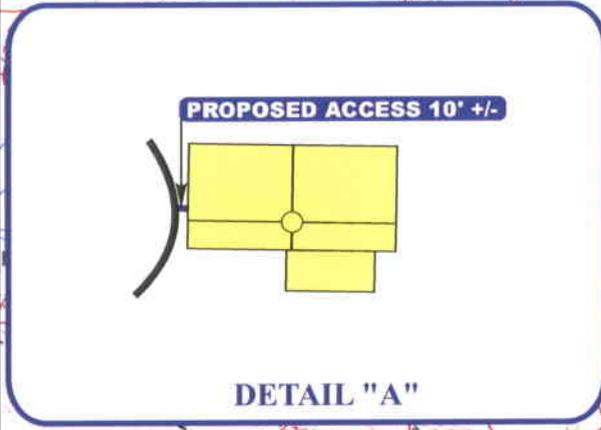
0.6 MI. +/-

SEE DETAIL "A"

0.35 MI. +/-

1.4 MI. +/-

VERNAL 36.0 MI. +/-



LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



QUESTAR EXPLR. & PROD.

SSU #16G-4-8-21
 SECTION 4, T8S, R21E, S.L.B.&M.
 664' FSL 563' FEL

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

TOPOGRAPHIC MAP

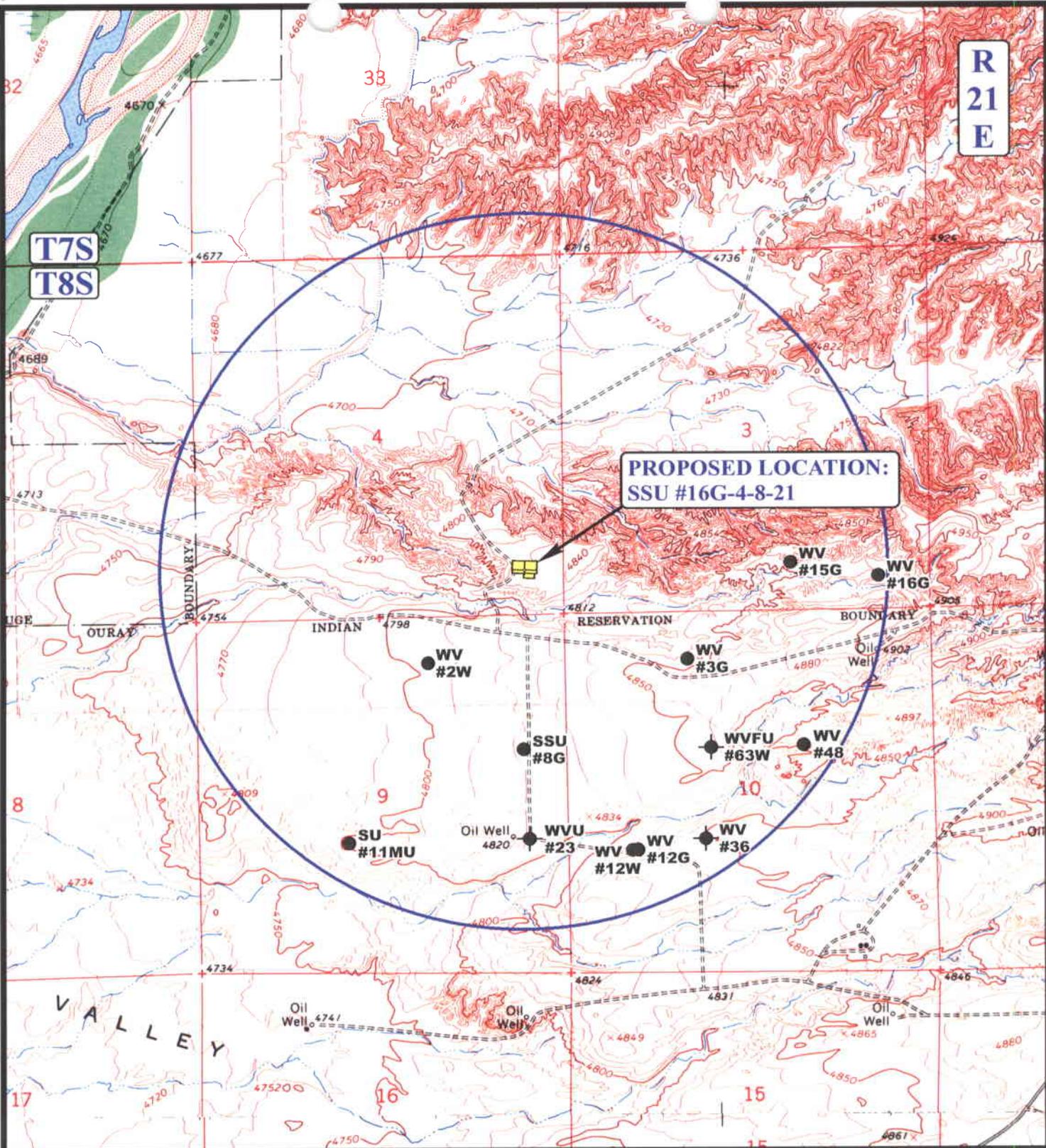
06	16	06
MONTH	DAY	YEAR

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

R
21
E

T7S
T8S

PROPOSED LOCATION:
SSU #16G-4-8-21



LEGEND:

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



QUESTAR EXPLR. & PROD.

SSU #16G-4-8-21
 SECTION 4, T8S, R21E, S.L.B.&M.
 664' FSL 563' FEL



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

**TOPOGRAPHIC
 MAP**

06	16	06
MONTH	DAY	YEAR

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



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/07/2006

API NO. ASSIGNED: 43-047-38415

WELL NAME: SSU 16G-4-8-21
 OPERATOR: QEP UINTA BASIN, INC. (N2460)
 CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SESE 04 080S 210E
 SURFACE: 0664 FSL 0563 FEL
 BOTTOM: 1501 FNL 2050 FWL Sec 3
 COUNTY: UINTAH
 LATITUDE: 40.14714 LONGITUDE: -109.5519
 UTM SURF EASTINGS: 623346 NORTHINGS: 4444883
 FIELD NAME: WONSITS VALLEY (710)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-80636
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

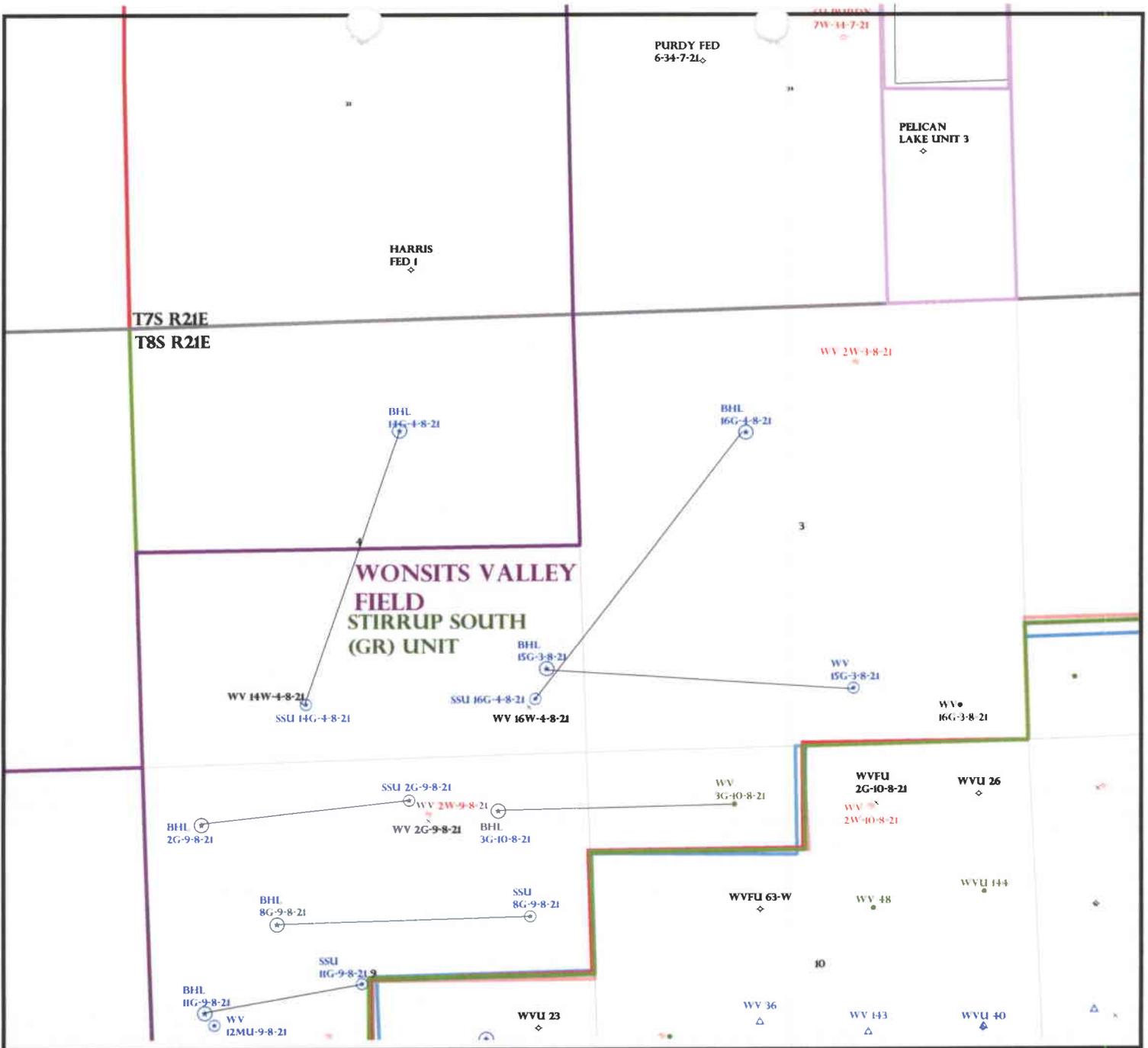
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2153)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: See Separate File

STIPULATIONS: 1- Fed. in [unclear]
2- Spacing [unclear]



OPERATOR: QEP UINTA BASIN INC (N2460)

SEC: 4 T.8S R. 21E

FIELD: WONSITS VALLEY (710)

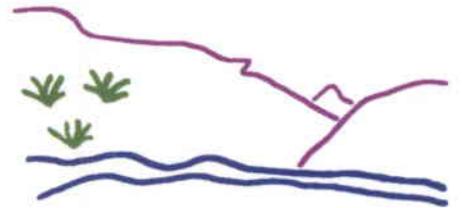
COUNTY: UINTAH

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: 16-AUGUST-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

August 16, 2006

Memorandum

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

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

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

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:8-16-06



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 17, 2006

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

Re: Stirrup South Unit 16G-4-8-21 Well, Surface Location 664' FSL, 563' FEL,
SE SE, Sec. 4, T. 8 South, R. 21 East, Bottom Location 1501' FNL, 2050' FWL,
SE NW, Sec. 3, T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38415.

Sincerely,

for
Gil Hunt
Associate Director

pab

Enclosures

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

Operator: QEP Uinta Basin, Inc.
Well Name & Number Stirrup South Unit 16G-4-8-21
API Number: 43-047-38415
Lease: UTU-80636

Surface Location: SE SE **Sec. 4** **T. 8 South** **R. 21 East**
Bottom Location: SE NW **Sec. 3** **T. 8 South** **R. 21 East**

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

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

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): 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
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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>

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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 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>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

(This space for State use only)

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

April 23, 2007

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

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

Gentlemen:

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

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

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

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form 3160-3
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMITTED IN TRIPLICATE

AUG - 4 2006

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-80636
TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR QEP Uinta Basin, Inc.	Contact: Jan Nelson E-Mail: jan.nelson@questar.com	7. UNIT AGREEMENT NAME STIRRUP SOUTH # UTU-82151X
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078	Telephone number Phone 435-781-4331 Fax 435-781-4323	8. FARM OR LEASE NAME, WELL NO. SSU 16G-4-8-21
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 664' FSL 563' FEL, SESE, SECTION 4, T8S, R21E At proposed production zone 1501' FNL 2050' FWL, SENW, SECTION 3, T8S, R21E		9. API WELL NO. 43-047-38415
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 13 +/- miles west of Red Wash, Utah		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 563' +/-	16. NO. OF ACRES IN LEASE 1922.36 1281.12	11. SEC., T, R, M, OR BLK & SURVEY OR AREA SESE, SECTION 4, T8S, R21E
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH 5682' TVD 9462' MD	12. COUNTY OR PARISH UINTAH
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4825.8' GR	22. DATE WORK WILL START ASAP	13. STATE UT
24. Attachments		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
20. BLM/BIA Bond No. on file ESB000024		
23. Estimated duration 20 DAYS		

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

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

SIGNED Jan Nelson
TITLE REGULATORY AFFAIRS

Name (Printed) Jan Nelson

3-Aug-06

RECEIVED

FEB 28 2007

PERMIT NO. _____ APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager
Lands & Mineral Resources DATE 2/24/2007
*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

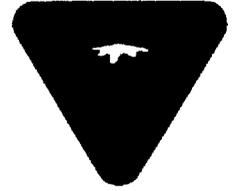
UD0001

06BM1787A



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: QEP Uinta Basin Inc.

Location: SESE, Sec 4, T8S, R21E (Surface)
SENW, Sec 3, T8S, R21 E (Bottom)

Well No: SSU 16G-4-8-21

Lease No: UTU-80636

API No: 43-047-38415

Agreement: Stirrup South Unit

Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-7368
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
NRS/Environmental Scientist:	Scott Ackerman	Office: 435-781-4437	
NRS/Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
NRS/Environmental Scientist:	Jannice Cutler	Office: 435-781-3400	
NRS/Environmental Scientist:	Michael Cutler	Office: 435-781-3401	
NRS/Environmental Scientist:	Anna Figueroa	Office: 435-781-3407	
NRS/Environmental Scientist:	Melissa Hawk	Office: 435-781-4476	
NRS/Environmental Scientist:	Chuck Macdonald	Office: 435-781-4441	
NRS/Environmental Scientist:	Nathan Packer	Office: 435-781-3405	
NRS/Environmental Scientist:	Verlyn Pindell	Office: 435-781-3402	
NRS/Environmental Scientist:	Holly Villa	Office: 435-781-4404	
NRS/Environmental Scientist:	Darren Williams	Office: 435-781-4447	
NRS/Environmental Scientist:	Karl Wright	Office: 435-781-4484	
After Hours Contact Number:	435-781-4513	Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

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

PALEONTOLOGY:

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

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

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

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).

- e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-80636
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: STIRRUP SOUTH # UTU-82151X
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO.		8. WELL NAME and NUMBER: SSU 16G-4-8-21
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304738415
4. LOCATION OF WELL FOOTAGES AT SURFACE: 664' FSL 563' FEL		10. FIELD AND POOL, OR WILDCAT: WONSITS VALLEY
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 4 8S 21E		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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>APD EXTENSION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
QUESTAR Exporation & Production Co. hereby requests a 1 year extension on the SSU 16G-4-8-21.

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

Date: 08-15-07
 By: [Signature]

NAME (PLEASE PRINT) <u>Laura Bills</u>	TITLE <u>Regulatory Affairs</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/10/2007</u>

(This space for State use only)

APPROVED BY OPERATOR
8-16-07
[Signature]

**RECEIVED
AUG 15 2007**

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

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

API: 43-047-38415
Well Name: SSU 16G-4-8-21
Location: 664' FSL 563' FEL, SESE, SEC. 4, T8S, R21E
Company Permit Issued to: Questar Exploration & Production Co.
Date Original Permit Issued: 8/17/2006

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

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

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

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

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

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

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

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

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


Signature

8/10/2007
Date

Title: REGULATORY AFFAIRS

Representing: Questar Exploration & Production Co.

**RECEIVED
AUG 15 2007**

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Questar Exploration & Production Co

Well Name: SSU 16G-4-8-21

API No: 43-047-38415 Lease Type: Federal

Section 04 Township 08S Range 21E County Uintah

Drilling Contractor Pete Martin Drillin Rig # Bucket

SPUDED:

Date 2-25-08

Time 12:00 PM

How Dry

Drilling will Commence: _____

Reported by Raymond

Telephone # 435-828-7977

Date 2-26-08 Signed RM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.

UTU-80636

6. If Indian, Allottee or Tribe Name

N/A

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

STIRRUP SOUTH # UTU-82151X

8. Well Name and No.

SSU 16G-4-8-21

9. API Well No.

43-047-38415

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Questar Exploration & Production Company

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

435-781-4331

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

664' FSL 563' FEL, SESE, SECTION 4, T8S, R21 SURFACE
1501' FNL 2050' FWL, SENW, SECTION 3, T8S, R21E BOTTOM HOLE LOCATION

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

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

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

Questar Exploration & Production Co. hereby requests a 1 year extension on the APD for the SSU 16G-4-8-21.

BLM APD approval date: 02/26/2007.

RECEIVED

FEB 28 2008

DIV. OF OIL, GAS & MINING

RECEIVED
VERNAL FIELD OFFICE
2008 JAN 31 PM 12:48
BUREAU OF LAND MGMT.

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

Name (Printed/Typed)

Laura Bills

Signature

Laura Bills

Title

Regulatory Affairs

Date

January 30, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Wanda Baker

Title

Date

FEB 12 2008

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

Office

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

(Instructions on reverse)

UDOGM

CONDITIONS OF APPROVAL ATTACHED

CONFIDENTIAL

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

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

API: 43-047-38415
Well Name: SSU 16G-4-8-21
Location: 664' FSL 563' FEL, SESE, SEC. 4, T8S, R21E
Company Permit Issued to: Questar Exploration & Production Co.
Date Original Permit Issued: 2/26/2007

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

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

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

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

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

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

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

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

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

Sama Bills
Signature

1/30/2008

Date

Title: Regulatory Affairs

Representing: Questar Exploration & Production Co.

RECEIVED
FEB 28 2008
DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL

Questar Exploration & Production Co.

Notice of Intent APD Extension

Lease: UTU-80636
Well: SSU 16G-4-8-21
Location: SENW Sec 3-T8S-R21E

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

1. The extension and APD shall expire on 2/26/09
2. No other extension shall be granted.

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

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

CONFIDENTIAL

UTU-80636

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

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION CO.

3. Address and Telephone No.

11002 EAST 17500 SOUTH - VERNAL, UT 84078

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 LOCATION: 664' FSL, 563' FEL, SESE, SEC 4-T8S-R21E

BOTTOM LOCATION: 1501' FNL, 2050' FWL, SENW, SEC 3-T8S-R21E

5. Lease Designation and Serial No.

UTU-80636

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

STIRRUP SOUTH
#UTU-82151X

8. Well Name and No.

SSU 16G 4 8 21

9. API Well No.

43-047-38415

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other SPUD
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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 2/25/08 - Drilled 80' of 24" conductor hole. Set 80' of 14" conductor pipe. Cmt'd w/ Ready Mix.

RECEIVED

MAR 10 2008

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

Office Administrator II

Date

3/4/08

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

CONFIDENTIAL

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.

OPERATOR: **Questar Exploration & Production Co.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078 (435)781-4342

ENTITY ACTION FORM - FORM 6

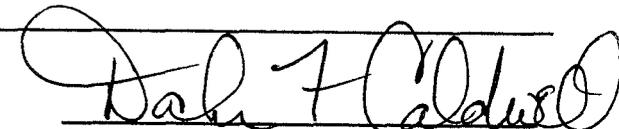
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16742	43-047-38415	SSU 16G 4 8 21	SESE	4	8S	21E	Uintah	2/25/08	3/17/08
WELL 1 COMMENTS: BOTTOM LOCATION: <u>SENW</u> - <u>SEC 3-T8S-R21E</u> GRPV											<p>CONFIDENTIAL</p> <p>RECEIVED MAR 10 2008 DIV. OF OIL, GAS & MINING</p>
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)


Signature

Office Administrator II 3/4/08
Title Date

Phone No. (435)781-4342

CONFIDENTIAL

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

UTU-80636

6. If Indian, Allottee or Tribe Name

N/A

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

STIRRUP SOUTH # UTU-82151X

WONSITS VALLEY UNIT

SSU 16G-4-8-21

9. API Well No.

43-047-38415

10. Field and Pool, or Exploratory Area

WONSITS VALLEY

11. County or Parish, State

Uintah

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION, CO.

3a. Address

11002 East 17500 South, Vernal, UT 84078

3b. Phone No. (include area code)

435-781-4331

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

664' FSL 563' FEL, SESE, SECTION 4, T8S, R21E (SURFACE)
1501' FNL 2050' FWL, SENW, SESECTION 3, T8S, R21E (BOTTOM HOLE LOCATION)

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

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

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

Questar Exploration & Production Company request to change the BOP stack size from what was originally approved from a 13 3/8" 5M to a 11" 5M. Test procedures will remain the same. The rig may have equipment that exceeds this rating.

Please refer to attached BOP diagram.

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

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

Name (Printed/Typed)

Jan Nelson

Title

Regulatory Affairs

Signature

Date

March 10, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED

MAR 11 2008

DIV. OF OIL, GAS & MINING

11" 5M BOP STACK

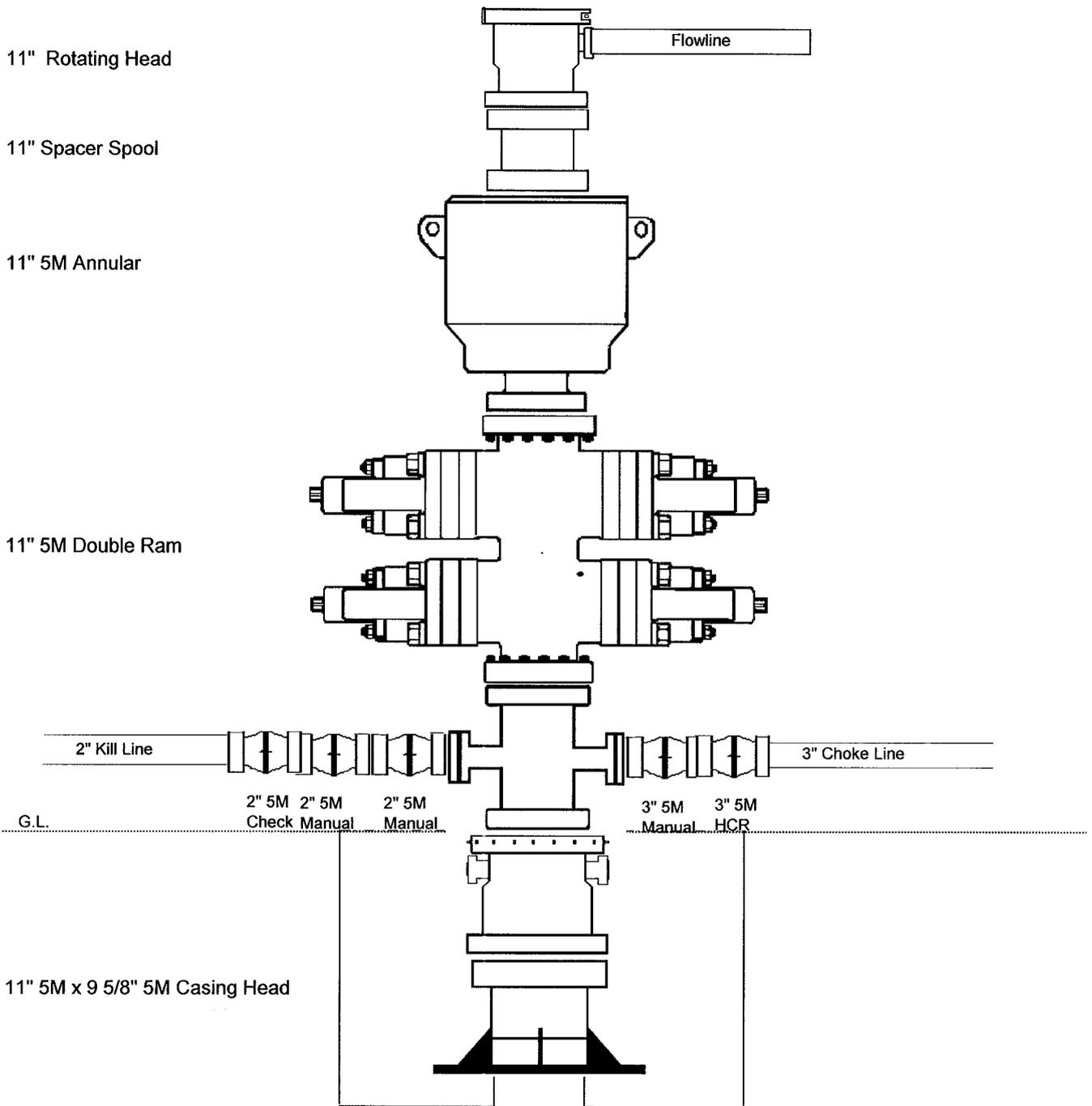
11" Rotating Head

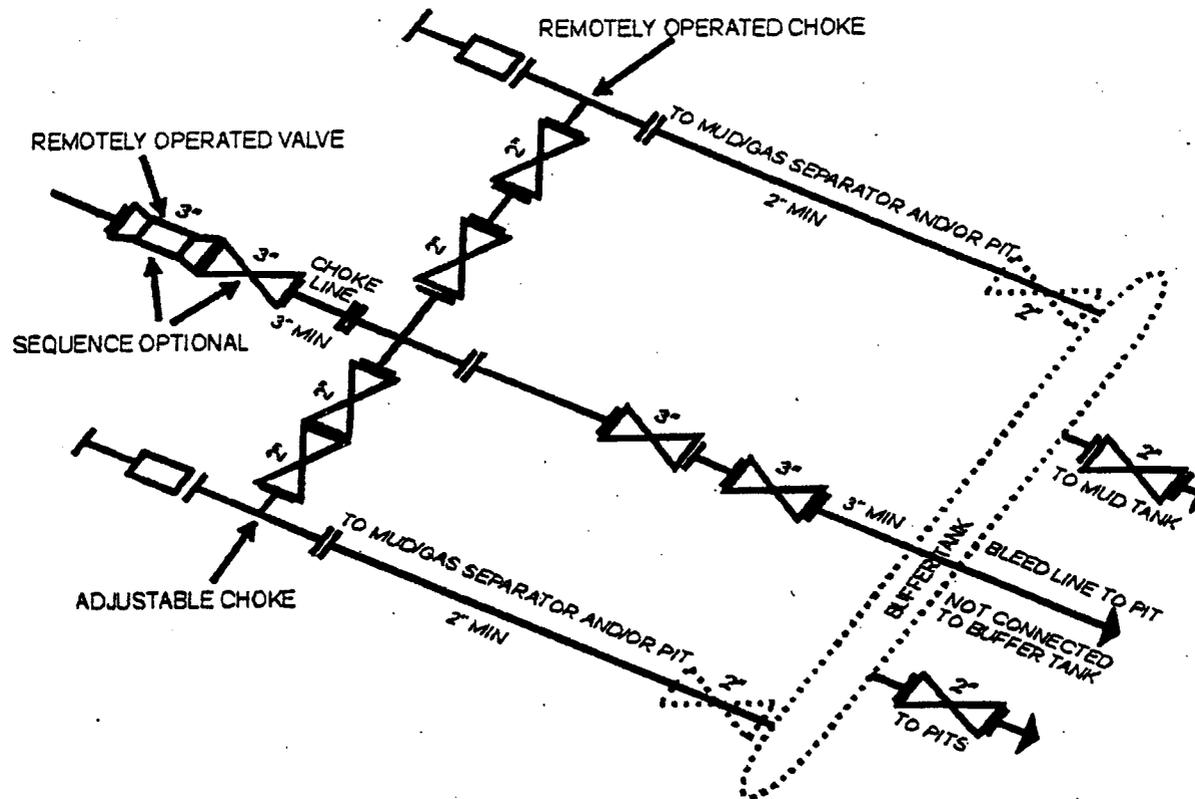
11" Spacer Spool

11" 5M Annular

11" 5M Double Ram

11" 5M x 9 5/8" 5M Casing Head





SM CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.

[54 FR 39528, Sept. 27, 1989]

43-047-38415
9 8s 21e

RECEIVED

APR 01 2008

DIV. OF OIL, GAS & MINING

Questar E & P

Page 1 of 9

CONFIDENTIAL Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/4/2008	00:00 - 02:00	2.00	01		DRLCON	RIG UP TO DRILL SURFACE 12.25IN HOLE
	02:00 - 18:00	16.00	02		DRLCON	DRILL F/80 T/490 POOH TO RUN CASING
	18:00 - 20:00	2.00	05	F	DRLCON	RUN 9.625 CASING
	20:00 - 23:00	3.00	05	H	DRLCON	CEMENT SURFACE PIPE
	23:00 - 23:30	0.50	01		DRLCON	RIG DOWN AND MOVE OFF LOCATION
3/9/2008	06:00 - 18:00	12.00	01	B	RDMO	RDMO RIG
	18:00 - 06:00	12.00	25		RDMO	WAIT ON DAYLIGHT
3/10/2008	06:00 - 18:00	12.00	01	B	RDMO	RDMO RIG
	18:00 - 06:00	12.00	25		RDMO	WAIT ON DAYLIGHT AND FROST FOR FINAL 5 MILES
3/11/2008	06:00 - 18:00	12.00	LOC	3	MIRU	MIRU RIG, RIG DOWN RIG 100%, MOVE IN 95%, RIG UP 70%, PLUMB NEW "USED" SWACO MONGOOSE INTO SYSTEM, REPAIR PILL TANK GUN LINE, REPAIR HAND RAILS AND KICK PLATE ON MUD TANKS
	18:00 - 06:00	12.00	LOC	4	MIRU	GENERAL RIG UP BACKYARD
3/12/2008	06:00 - 06:00	24.00	LOC	4	MIRU	FINNISH RIG UP OF BACK YARD, REPAIR STAIR TREADS ON BEAVER SLIDE; REPLACE AND WELD RAILS, GUN LINES, GRATING AND TOE PLATES ON MUD PITS; RAISE DERRICK @16:00, INSTALL ROTATING HEAD ON BOP STACK AND PLUMB NEW MUD LINE, RIG UP FLOOR, CUT AND REPAIR TONG LINE COUNTER WEIGHTS, PUT 6" LINERS IN BOTH PUMPS, INSPECT AND REPLACE VALVES/SEATS, SHUT DOWN WELDING FOR DAYLIGHT (RESUME FABRICATION AND WELDING TOMORROW AGAIN WITH 3 WELDERS)
	06:00 - 06:00	24.00	LOC	4	MIRU	REPLACE AND WELD RAILS, GUN LINES, GRATING AND TOE PLATES ON MUD PITS; PLUMB NEW FLOW LINE FROM ROTATING HEAD, RIG UP FLOOR, WORK ON PLUMBING SHAKER, SET MOUSE HOLE, HAUL IN MUD CHEMICALS, MOVE PIT WATER FROM BRENNAN #14 TO FILL PIT; RESERVE PIT CURRENT WT 8.5 PPG, 15,000 MG/L CHLORIDE, WELDING FOR DAYLIGHT (FABRICATION AND WELDING AGAIN WITH 3 WELDERS); TWO QUESTAR SAFETY REPS PERFORMED RIG INSPECTION, FOUND TWO ELECTRICAL INSULATIONS VIOLATIONS THAT ARE CURRENTLY BEING ADDRESSED. STARTED TO FILL MUD TANKS AND FOUND LEAK IN SHALE TANK, DRAINED FOR REPAIR BY WELDER.
3/13/2008	06:00 - 06:00	24.00	LOC	4	MIRU	REPLACE AND WELD RAILS, GUN LINES, GRATING AND TOE PLATES ON MUD PITS; PLUMB NEW FLOW LINE FROM ROTATING HEAD, RIG UP FLOOR, WORK ON PLUMBING SHAKER, SET MOUSE HOLE, HAUL IN MUD CHEMICALS, MOVE PIT WATER FROM BRENNAN #14 TO FILL PIT; RESERVE PIT CURRENT WT 8.5 PPG, 15,000 MG/L CHLORIDE, WELDING FOR DAYLIGHT (FABRICATION AND WELDING AGAIN WITH 3 WELDERS); TWO QUESTAR SAFETY REPS PERFORMED RIG INSPECTION, FOUND TWO ELECTRICAL INSULATIONS VIOLATIONS THAT ARE CURRENTLY BEING ADDRESSED. STARTED TO FILL MUD TANKS AND FOUND LEAK IN SHALE TANK, DRAINED FOR REPAIR BY WELDER.
	06:00 - 13:00	7.00	BOP	2	DRLPRO	TEST BOP STACK, UPPER & LOWER KELLY VALVES, TIW VALVE, KILL LINE, CHOKE LINE AND MANIFOLD, STAND PIPE FROM PUMP TO KELLY, TEST ALL TO 3000 PSI. TEST ANNULAR PREVENTER TO 1500 PSI. HELD GOOD.
	13:00 - 14:00	1.00	TRP	1	DRLPRO	MOVE MOTOR, IBS, COLLARS AND HWDP TO CATWALK PIPE RACK. STRAP AND DRAW UP BHA.
	14:00 - 16:30	2.50	RIG	2	MIRU	REPAIR FLOW LINE FLANGE ON SHAKER, PATCH PILL, SHALE TANK, BUILD LANDING AROUND POSSUM BELLY.
	16:30 - 17:00	0.50	WHD	1	DRLPRO	INSTALL WEAR BUSHING. FILL MUD PITS W/ 587 BBLs OF 8.4 PPG WATER.
	17:00 - 22:30	5.50	TRP	1	DRLPRO	PU BHA #1, TIH TO 407'.
	22:30 - 00:30	2.00	TRP	1	DRLPRO	TIGHTEN KELLY & INSTALL KELLY SPINNER
	00:30 - 01:30	1.00	SUR	1	DRLPRO	RU SURVEY MACHINE
	01:30 - 02:00	0.50	SUR	1	DRLPRO	RUN TOTCO DEVIATION SURVEY @ 380' W/ .5 DEGREE INCLINATION
	02:00 - 03:00	1.00	RIG	2	DRLPRO	WORK ON PUMP AIR LINES, UNABLE TO INCREASE SPM ON PUMPS.
03:00 - 04:00	1.00	SEQ	4	DRLPRO	LAY DOWN 1 DRILL COLLAR AND INSTALL ROTATING HEAD	

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/14/2008	03:00 - 04:00	1.00	SEQ	4	DRLPRO	RUBBER. PU ONE JT. OF HWDP TO DRILL.
	04:00 - 04:30	0.50	RIG	2	DRLPRO	WORK ON INSTALLING ROTORY BUSHINGS, CLEANED OUT BUSHING SEAT AND BUSHINGS, BUSHINGS STILL VERY HARD TO INSTALL.
3/15/2008	04:30 - 06:00	1.50	DRL	4	DRLPRO	DRILL LANDING COLLAR @ 407' AND SHOE TRACK CEMENT TO 442'.
	06:00 - 06:30	0.50	DRL	4	DRLPRO	DRILL CEMENT AND FLOAT EQUIPMENT F/442, T/456.
	06:30 - 07:00	0.50	CIRC	1	DRLPRO	CIRCULATE HOLE CLEAN OF FLOAT EQUIPMENT
	07:00 - 07:30	0.50	EQT	2	DRLPRO	SHUT DOWN PUMPS AND HOLE REMAINED FULL, CLOSED HYDRIL WITH BIT 6' OFF BTM, INSTALLED PRESSURE GAUGE ON CASING ANNULUS. LOWER DRILL STRING AND MONITORED BUILD UP ON ANNULUS PRESSURE. FORMATION STARTED TO BLEED OFF W/ 20 PSI ON ANNULUS. FLUID WEIGHT .4368 LBS/FT. 9.3 PPG MUD WT
	07:30 - 08:00	0.50	RIG	2	DRLPRO	DRESSER ON CHARGE LINE TO #1 PUMP SEPERATED. REPAIRED DRESSER.
	08:00 - 09:30	1.50	DRL	1	DRLPRO	DRILL CEMENT F/456' T/490' (34'),
	09:30 - 12:00	2.50	DRL	1	DRLPRO	DRILL FORMATION F/490' T/594' (104').
	12:00 - 15:00	3.00	TRP	2	DRLPRO	STOOD BACK KELLY, LAY DOWN 7 JTS OF 4 1/2" HWDP, PICK UP 6JTS OF 6 1/4" DC AND ONE JT OF 4 1/2" HWDP, MU KELLY. REPAIR PASON FOOTAGE SENSOR IN CROWN.
	15:00 - 20:30	5.50	DRL	1	DRLPRO	DRILL F/594' T/906' (312')
	20:30 - 21:00	0.50	CIRC	1	DRLPRO	PUMP 20BBLs SWEEP & CIRC FOR SURVEY
3/16/2008	21:00 - 21:30	0.50	SUR	1	DRLPRO	SURVEY @ 862' 3/4 DEG
	21:30 - 06:00	8.50	DRL	1	DRLPRO	DRILL F/906' T/1270' (364'), SPR @ 1088' #1 MUD PUMP 40 SPM 137 PSI 51 SPM 190 PSI #2 MUD PUMP 68 SPM 150 PSI
	06:00 - 08:00	2.00	DRL	1	DRLPRO	DRILL F/1270' T/1356' (86')
	08:00 - 09:00	1.00	SUR	1	DRLPRO	RUN MULTI SHOT SURVEY @ 1,295' .5 INC, 156.3 AZM.
	09:00 - 14:30	5.50	DRL	1	DRLPRO	DRILL F/1356' T/1541' (185)
	14:30 - 15:00	0.50	RIG	1	DRLPRO	SERVICE AND LUBRICATE RIG
	15:00 - 22:30	7.50	DRL	1	DRLPRO	DRILL F/1541' T/1851' (310')
	22:30 - 23:00	0.50	CIRC	1	DRLPRO	PUMP20BBLs HI-VIS CIRC
	23:00 - 23:30	0.50	SUR	1	DRLPRO	RUN MULTI SHOT SURVEY @ 1,780' .6 INC, 219.54 AZM
	23:30 - 06:00	6.50	DRL	1	DRLPRO	DRILL F/1851' T/2185' (334')
3/17/2008	06:00 - 09:00	3.00	DRL	1	DRLPRO	DRILL F/2,185' T/2,378' (193') PUMPING 20 BBL GEL SWEEP EVERY HR TO CLEAN HOLE.
	09:00 - 09:30	0.50	RIG	1	DRLPRO	SERVICE AND LUBRICATE RIG
	09:30 - 17:00	7.50	DRL	1	DRLPRO	DRILL F/2,378' T/2,717' (339') PUMPING 20 BBL GEL SWEEP EVERY HR TO CLEAN HOLE
3/18/2008	17:00 - 17:30	0.50	SUR	1	DRLPRO	CIRCULATE BOTTOMS UP. SURVEY @ 2,650' INC 0.6, AZM 219.5
	17:30 - 06:00	12.50	DRL	1	DRLPRO	DRILL F/2717' T/3170' (453')
	06:00 - 12:30	6.50	DRL	1	DRLPRO	DRILL F/3,170' T/3,276' (106') AROP 16.3 FPH, WOB 7K, 130 SPM @ 419 GPM, MOTOR RPM 119, ROTORY 30 RPM
	12:30 - 13:00	0.50	RIG	1	DRLPRO	SERVICE RIG, LUBRICATE AND WORK ON PUMP THROTTLE
	13:00 - 13:30	0.50	CIRC	1	DRLPRO	PUMP 1.5 PPG. DRY SLUG
	13:30 - 16:00	2.50	TRP	10	DRLPRO	TOOH FOR BIT CHANGE. AFTER PULLING THE HWDP THE WIPER RUBBER WAS REMOVED. THE WATER HOSE WAS BEING MOVED OVER TOWARD THE DRILL COLLAR BEING PULLED WHEN THE 1" NIPPLE, 1" BRASS BALL VALVE, 1" X 1/4" BUSHING AND 1/4" NIPPLE BLEW OUT OF THE HOSE CLEARING THE ROTORY TABLE GOING RIGHT DOWN THE HOLE!! CONTINUED PULLING DRILL COLLARS UP UNTIL THE TOP IBS WAS IN THE WEAR BUSHING. FELT A SLIGHT WEIGHT BOBBEL LOOKED DOWN THE HOLE AND

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/18/2008	13:30 - 16:00	2.50	TRP	10	DRLPRO	THE VALVE WAS SETTING ON TOP OF THE IBS.
	16:00 - 19:00	3.00	OTH		DRLPRO	OPEN DOOR ON BOTTOM PIPE RAMS, VAVE & NIPPLES WERE 2.5' BELOW RAM DOOR. WORKED THE PIPE UP HOLE CARRING THE VALVE INTO RAM DOOR. ATTEMPT TO RETREVE 1" BALL VALVE 1" X 1/4" BUSHING & 1" NIPPLE. RECOVERED BUSHING AND NIPPLE. BRASS VALVE WAS BROKEN AND FELL APART WITH THE BRASS AND 1" STAINLESS STEEL BALL FALLING INTO WELL BORE.
	19:00 - 20:00	1.00	OTH	1	DRLPRO	CLOSE DOOR ON BOTTOM PIPE RAM
	20:00 - 21:00	1.00	TRP		DRLPRO	L/D DP505 BIT, DOG SUB, MUD MOTOR, THREE IBS, MONEL DRILL COLLAR.
	21:00 - 23:30	2.50	BOP		DRLPRO	PULL WEAR BUSHING, INSTALL 11" TEST PLUG AND TEST PIPE RAMS TO 250 PSI / 3,000 PSI. SET WEAR BUSHING
3/19/2008	23:30 - 04:00	4.50	TRP	1	DRLPRO	P.U. BHA #2 AND TIH TO DRILL UP 1" STAINLESS STEEL BALL AND BRASS VALVE PARTS. TAG TIGHT SPOT @ 3215'
	04:00 - 05:00	1.00	REAM		DRLPRO	WASH & REAM TIGHT SPOTS F/3215', 45', 68', TO 3276' (61')
3/19/2008	05:00 - 06:00	1.00	REAM	1	DRLPRO	WORK JUNK BUSHING FANNING BOTTOM AND WORKING PUMPS ON & OFF TO FILL JUNK BASKET.
	06:00 - 10:30	4.50	DRL	1	DRLPRO	DRILL F/3,276' T/3,297' (21') AROP 4.6 FPH, WOB 15K, 70 SPM, 226 GPM, ROTARY 55 RPM, PUMP 46 VIS GEL SWEEP, PREPARE TO TOOH. AROP 5.25 FPH, WOB 14, ROTARY 55 RPM
	10:30 - 13:30	3.00	TRP	10	DRLPRO	PUMP DRY PILL AND TOOH W/ MILL TOOTH BIT AND JUNK BASKET. BREAK OUT BIT AND EMPTY JUNK BASKET. FOUND MOST ALL OF 1" BRASS VALVE AND 1/4" PIPE NIPPLE.
	13:30 - 14:30	1.00	RIG	2	DRLPRO	WORKED ON ROTARY TABLE TORQUE GAUGE, CROWN-O-MATIC AND IRON ROUGH NECK.
	14:30 - 15:00	0.50	RIG	1	DRLPRO	SERVICE AND LUBRICATE RIG.
	15:00 - 18:00	3.00	TRP	2	DRLPRO	TIH W/ BHA#3
	18:00 - 18:30	0.50	REAM	1	DRLPRO	WASH AND REAM 10' OF FILL TO BOTTOM @ 3,297'.
3/20/2008	18:30 - 06:00	11.50	DRL	1	DRLPRO	DRILL F/3,297' T/3,552' (255') AROP 22.1 FPH, WOB 4/8K, 360 GPM, MOTOR 102 RPM, ROTARY 35 RPM. NOTE: 19:30 HRS STARTED MUDDING UP. SHAKERS NOT KEEPING UP WITH 120 SCREENS INSTALLED. HAVING TO WASH SCREEN EVERY 10 MINUTES TO KEEP FROM RUNNING OVER. LOOKS LIKE SHAKER ARE RUNNING BACKWARDS. 1:30 PM #1 CHARGE PUMP WENT DOWN LEAVING ONLY #2 PUMP RUNNING. 112 SPM @ 309 GPM. HOLE LOADING UP WITH CUTTINGS AND SHAKERS NOT KEEPING UP. SLOW ROP DOWN TO 20 AFPH JUST TRYING TO MAINTAIN ROP AND CUTTINGS TREATMENT. CALLED SWACO AND ELECTRICAIN.
	06:00 - 14:00	8.00	DRL	1	DRLPRO	DRILL F/ 3552, T3832' (280') AROP 35.0 FPH, WOB 6/10K, SPM 133 @ 371 GPM, 966 PSI, MOTOR RPM 105, ROTARY 41
	14:00 - 14:30	0.50	SUR	1	DRLPRO	DEVIATION SURVEY @ 3,770', 0.7 INC, 149.64 AZM.
	14:30 - 15:00	0.50	DRL	1	DRLPRO	DRILL F/3,832' T/3,864' (32') AROP 64 FPH, WOB 11.5K, SPM 68/68, 408 GPM, 1122 PSI, MOTOR RPM 116, ROTARY 38
	15:00 - 15:30	0.50	RIG	1	DRLPRO	RIG SERVICE & LUBRICATE
	15:30 - 16:00	0.50	RIG	2	DRLPRO	REPAIR SHALE SHAKERS, FOUND WEIGHTS SET AT 80% AND ALL THREE MOTORS RUNNING IN REVERSE, ADJUSTED TO 100% AND CHANGED ROTATION. CHANGE SHAKE SCREEN. OLD SCREENS WORN OUT DUE TO REVERSE ROTATION.
3/21/2008	16:00 - 06:00	14.00	DRL	1	DRLPRO	DRILL F/3,864' T/4360' (496') AROP 35.4 FPH, WOB 12.1K, SPM 71/71, 435 GPM, 1406 PSI, MOTOR RPM 123.9, ROTARY 40, DIFF PRES 205 PSI. NOTE: SHAKER MAX. FLOW RATING 450 GPM.
	06:00 - 15:30	9.50	DRL	1	DRLPRO	DRILL 8 3/4" HOLE F/4,360' T/4,577' (217') AROP 22.8 FPH, WOB 12/16K, SPM 73/73, GPM 438, MOTOR 125 RPM, ROTARY 55 RPM,

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/21/2008	15:30 - 16:00	0.50	RIG	1	DRLPRO	SERVICE AND LUBRICATE RIG.
	16:00 - 04:00	12.00	DRL	1	DRLPRO	DRILL 8 3/4" HOLE F/4,577' T/4825' (248') AROP 20.6 FPH, WOB 16.5/17.5, SPM 73/73, GPM 438, MOTOR 125 RPM, ROTARY 38 RPM,
	04:00 - 04:30	0.50	SUR	1	DRLPRO	DEVIATION SURVEY @ 4760' INC. 1.9 AZM 140.1
	04:30 - 06:00	1.50	DRL	1	DRLPRO	DRILL 8 3/4" HOLE F/4,825' T/4,843' (18') AROP 12 FPH, WOB 17K, SPM 73/73, FPM 438, MOTOR 125 RPM, ROTARY 38 RPM.
3/22/2008	06:00 - 12:00	6.00	DRL	1	DRLPRO	DRILL 8 3/4" HOLE F/4,843' T/4,972' (129') AROP 21.5 FPH, WOB 17.4, PSI 1289, SPM 71/74, GPM 435, MOTOR 124 RPM, ROTARY 43 RPM; CHANGE OUT RIG DE-SANDER - DE/SILTER AND INSTALL ZECO STAGE ONE SOLIDS CONTROL UNIT.
	12:00 - 12:30	0.50	RIG	2	DRLPRO	REMOVE BELLY BOARD DUE TO NON-INSPECTED WELDS.
	12:30 - 16:00	3.50	DRL	1	DRLPRO	DRILL 8 3/4" HOLE F/4,972' T/5,041' (69') AROP 19.7 FPH, WOB 16/18, PSI 1201, SPM 72/74, GPM 438.9, MOTOR 125 RPM, ROTARY 50 RPM.
	16:00 - 16:30	0.50	RIG	1	DRLPRO	SERVICE & LUBRICATE RIG
	16:30 - 18:00	1.50	DRL	1	DRLPRO	DRILL 8 3/4" HOLE F/5,041' T/5,072' (31') AROP 20.6 FPH, WOB 13.5, PSI 1218, SPM 71/74, GPM 435, MOTOR 124 RPM, ROTARY 45 RPM CIRCULATE BOTTOMS UP PRIOR TO TOOH.
	18:00 - 19:00	1.00	CIRC	1	DRLPRO	SURVEY @ 5,026' INC 2.3, AZM 157.64 NOTE: DUMP SAND TRAPS.
	19:00 - 19:30	0.50	SUR	1	DRLPRO	PUMP DRY PILL AND STAND KELLY BACK
	19:30 - 20:00	0.50	CIRC	1	DRLPRO	TOOH W/ DP AND HWDP.
	20:00 - 22:30	2.50	TRP	2	DRLPRO	SAFETY MEETING WITH ALL CREWS, R/U FRANK'S TO L/D DRILL COLLAR AND L/D 15JTS. 6 1/4" DC, MONEL, 2EA. IBS, MUD MOTOR AND BIT, R/D FRANK'S
	22:30 - 03:00	4.50	TRP	1	DRLPRO	P/U & M/U PATHFINDER DIRECTIONAL BHA
3/23/2008	03:00 - 06:00	3.00	TRP	1	DRLPRO	SAFETY MEETING W/ CREW, FUNCTION TEST CROWN-O-MATIC FINISH TIH W/ DRILL PIPE.
	06:00 - 09:00	3.00	TRP	2	DRLPRO	TALLEY 411' OF 4 1/2", 16.6#, X-95, XH, DP TO REPLACE FOOTAGE FOR DC'S LAID DOWN.
	09:00 - 09:30	0.50	TRP	2	DRLPRO	REPAIR ROTARY TABLE COVER PLATE; LIFT OFF COVER AND ADD SPACERS TO RAISE COVER OFF ROTARY.
	09:30 - 10:30	1.00	RIG	2	DRLPRO	PU REPLACEMENT FOOTAGE.
	10:30 - 11:30	1.00	TRP	2	DRLPRO	DEVIATION SURVEY W/ MWD @ 5027' INC. 2.2, AZM 155.24
	11:30 - 12:00	0.50	SUR	1	DRLPRO	WASH & REAM F/5,066' T/5,072 (6') ROTATE F/5,072' T/ 5,076' (4'), WOB 2.5K, 870 PSI, SPM 72/74, GPM 439, MOTOR 127 RPM, ROTARY 39.
	12:00 - 12:30	0.50	DRL	2	DRLPRO	SLIDE F/5,076 T/5,094 (18') AROP 9' FPH, WOB 4.9K, 765 PSI, SPM 72/74, GPM 439, MOTOR 127 RPM.
	12:30 - 14:30	2.00	DRL	2	DRLPRO	CONNECTIONS AND SURVEY @ 5,094', INC. 2.2, AZM. 164.89
	14:30 - 15:00	0.50	SUR	1	DRLPRO	SLIDE F/5,094' T/5,125' (31') AROP 12.4 FPH, WOB 4.3K, 801 PSI, SPM 73/74, GPM 442, MOTOR 128 RPM.
	15:00 - 17:30	2.50	DRL	2	DRLPRO	CONNECTION & SURVEY @ 5,080' INC.1.85, AZM 145.46
	17:30 - 18:00	0.50	SUR	1	DRLPRO	SLIDE F/5,125' T/5,154' (29') AROP 14.5 FPH, WOB 5.4K, 1119 PSI, SPM 69/73, GPM 426, MOTOR 123 RPM.
	18:00 - 20:00	2.00	DRL	2	DRLPRO	REPROGAM MWD; SURVEY / TOOLFACE UPDATE. MAKE CONNECTION, SURVEY@ 5,111' INC 2.11, AZM 108.73.
	20:00 - 20:30	0.50	SUR	1	DRLPRO	SLIDE F/5,154' T/5,187' (33') AROP 8.2 FPH, WOB 4K, 987 PSI, SPM 72/73, GPM 432, MOTOR 125 RPM.
20:30 - 00:30	4.00	DRL	2	DRLPRO	CONNECTION & SURVEY @ 5,142' INC.3.08, AZM 88.44	
00:30 - 01:00	0.50	SUR	1	DRLPRO	SLIDE F/5,187' T/5,218' (31') AROP 7.75 FPH, WOB 5K, 987 PSI, SPM 72/73, GPM 432, MOTOR 125 RPM.	
01:00 - 05:00	4.00	DRL	2	DRLPRO	CONNECTION & SURVEY @ 5,173' INC 4.22, AZM 79.46	
05:00 - 05:30	0.50	SUR	1	DRLPRO		

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/23/2008	05:30 - 06:00	0.50	DRL	2	DRLPRO	SLIDE F/5,218' T/ 5,223' (5') ROP 4.3, WOB 1K, 957 PSI, SPM 79/73, GMP
3/24/2008	06:00 - 07:00	1.00	DRL	2	DRLPRO	CLEANED SHAKER SCREENS AND CIRCULATE TO CONDITION MUD. MUD GOING OVER SHAKER, LOST 48 BBLs OVER SHAKER, WASHING W/ HOSE TO CLEAN SCREENS THE ENTIRE TIME.
	07:00 - 07:30	0.50	CIRC	1	DRLPRO	SLIDE F/5,223' T/5,232' (9')
	07:30 - 10:00	2.50	DRL	2	DRLPRO	SLIDE F/5,232' T/5,249 (17') AROP 6.8 FPH, WOB 2K, 841 PSI, SPM 73/73, GPM 328.5, MOTOR 95 RPM.
	10:00 - 10:30	0.50	SUR	1	DRLPRO	SURVEY @5,204' INC 5.63, AZM 78.4
	10:30 - 14:00	3.50	TRP	10	DRLPRO	PUMP SWEEP WEIGHT DRY PILL, STAND BACK KELLY, TOO, STRING PULLED WET AFTER FIRST ROW.
	14:00 - 15:00	1.00	TRP	1	DRLPRO	BROKE OUT AND LAY DOWN BIT #4, CHECKED MWD ALLINEMENT, MADE UP BIT #5, TIH AND SHALLOW-TEST MOTOR. FOUND ASSEMBLY PRESSURED UP.
	15:00 - 17:30	2.50	TRP	1	DRLPRO	PULLED BACK OUT, BROKE OUT BIT, MOTOR AND FLOAT, FOUND PACKED OFF WITH SWEEP WEIGHT MATERIAL USED IN DRY PILL. CHECKED MONEL AND MWD, CLEANED OUT FLOAT, LAID DOWN MOTOR. MU BIT #5, PATHFINDER MOTOR W/ 2.12 ADJ BEND. SCRIBE AND ORIENT.
	17:30 - 20:00	2.50	TRP	10	DRLPRO	SHALLOW TEST MOTOR, TIH, FILL PIPE AT TOP OF HWDP AND EVERY 2000'. TO 5,151'
	20:00 - 20:30	0.50	DRL	3	DRLPRO	PICK UP KELLY & CALIBRATE MWD DEPTH
	20:30 - 21:00	0.50	REAM	1	DRLPRO	WASH & REAM F/5,151' TO 5,249' (98') NO FILL
	21:00 - 21:30	0.50	DRL	1	DRLPRO	ROTATE DRILL F/5,249' TO 5,251' (2')
	21:30 - 00:00	2.50	DRL	2	DRLPRO	SLIDE F/5,251' T/5,282 (31') AROP 12.4 FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
	00:00 - 00:30	0.50	SUR	1	DRLPRO	SURVEY @5,235' INC 7.30, AZM 79.11
	00:30 - 02:00	1.50	DRL	2	DRLPRO	SLIDE F/5,282' T/5,313' (31') AROP 20.6 FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
3/25/2008	02:00 - 02:30	0.50	SUR	1	DRLPRO	SURVEY @5,266' INC 10.29, AZM 79.02
	02:30 - 04:30	2.00	DRL	2	DRLPRO	SLIDE F/5,313' T/5,344' (31') AROP 15.5 FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
	04:30 - 05:00	0.50	SUR	1	DRLPRO	SURVEY @ 5,297, INC 14.25, AZM 78.23
	05:00 - 06:00	1.00	DRL	2	DRLPRO	SLIDE F/5,344' T/5,360' (16') AROP FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
	06:00 - 07:00	1.00	DRL	2	DRLPRO	SLIDE 8 3/4" HOLE F/5,360' T/5,375' (15') AROP 15 FPH, WOB 18.7, 1222 PSI, 438 GPM, 127 RPM.
	07:00 - 07:30	0.50	SUR	1	DRLPRO	CONNECTION & SURVEY @ 5,328, INC. 18.03, AZM 77.88, BUILD RATE 12.19
	07:30 - 08:30	1.00	DRL	2	DRLPRO	SLIDE 8 3/4" HOLE F/5,375' T/5,406' (31') AROP 31 FPH, WOB 22K, 1300 PSI, 447 GPM, 129 RPM
	08:30 - 09:00	0.50	SUR	1	DRLPRO	CONNECTION & SURVEY @ 5,359', INC. 21.54, AZM 76.21, BUILD RATE 11.32
	09:00 - 11:00	2.00	DRL	2	DRLPRO	SLIDE 8 3/4" HOLE F/5,406' T/5,437' (31') AROP 15.5 FPH, WOB 24K, 1337 PSI, 443 GMP, 128 RPM
	11:00 - 11:30	0.50	RIG	1	DRLPRO	SERVICE AND LUBRICATE RIG
	11:30 - 12:00	0.50	SUR	1	DRLPRO	SURVEY @ 5,390' INC. 24.27', AZM 76.01, BUILD RATE 8.31, CIRCULATE BOTTOMS UP
	12:00 - 15:30	3.50	TRP	2	DRLPRO	TOOH TO CHANGE MOTOR ANGLE FROM 2.12 TO 2.75 DEGREES. NEED 17.69 BUILD ANGLE TO ENTER TVD @ 5,590', INC. 86.5, 60 AZM.
	15:30 - 17:30	2.00	DRL	3	DRLPRO	L/D BIT #5, FOUND 8 INSERT CUTTERS MISSING. BREAK MOTOR AND RESET ANGLE FROM 2.12 TO 2.75 DEGREES. SCRIBE TOOL

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/25/2008	15:30 - 17:30	2.00	DRL	3	DRLPRO	FACE AND MAKE UP BIT #6, SMITH FH-30 W/ 3-16'S.
	17:30 - 18:30	1.00	TRP	2	DRLPRO	TIH W/ DIRECTIONAL DRILLING EQUIPMENT. VERY TIGHT THROUGH STACK AND DOWN CASING TO 450'.
	18:30 - 19:00	0.50	TRP	2	DRLPRO	SHALLOW TEST MWD, LOOKED GOOD.
	19:00 - 19:30	0.50	TRP	2	DRLPRO	TIH TO 1097 AND TAGGED TIGHT SPOT,
	19:30 - 21:00	1.50	TRP	2	DRLPRO	ATTEMPT TO WORK MOTOR AND BIT THROUGH TIGHT SPOT
	21:00 - 22:00	1.00	CIRC	1	DRLPRO	WORK PIPE AND WASH FROM 1,092' TO 1,129'.
	22:00 - 01:00	3.00	TRP	2	DRLPRO	TIH F/1,129, TO 5,406'
	01:00 - 01:30	0.50	REAM	1	DRLPRO	WASH F/5,406' TO 5,437' (31')
	01:30 - 03:30	2.00	DRL	2	DRLPRO	SLIDE 8 3/4" HOLE F/5,437' T/5,468' (31') AROP 15.5 FPH, WOB 16K, 1260 PSI, 434 GMP, 126 RPM
	03:30 - 04:00	0.50	SUR	1	DRLPRO	SURVEY @ 5,421' INC. 27.08, AZM 74.88
3/26/2008	04:00 - 06:00	2.00	DRL	2	DRLPRO	SLIDE 8 3/4" HOLE F/5,468' T/5488' (20") AROP FPH, WOB 24K, 1260 PSI, 434 GMP, 126 RPM
	06:00 - 06:30	0.50	DRL	2	DRLPRO	SLIDE F/5,488' T/5,499' (11') AROP 11 FPH, WOB 23.9K, PSI 1287, SPM 72/74, GPM 438, MOTOR 127 RPM.
	06:30 - 07:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,452' INC 30.95, AZM 74.37
	07:00 - 09:30	2.50	DRL	2	DRLPRO	SLIDE F/5,499' T/5,530' (31') AROP 12.4 FPH, WOB 24K, PSI 1304, SPM 73/76, GPM 447, MOTOR 129.6 RPM.
	09:30 - 10:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,483', INC 36.67, AZM 73.88
	10:00 - 11:30	1.50	DRL	2	DRLPRO	SLIDE F/5,530' T/5,561' (31') AROP 20 FPH, WOB 38K, PSI 1361, SPM 72/77, GPM 446, MOTOR 129 RPM.
	11:30 - 12:00	0.50	RIG	1	DRLPRO	SERVICE AND LUBRICATE RIG
	12:00 - 12:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,514', INC 42.65, AZM 75.98
	12:30 - 15:00	2.50	DRL	2	DRLPRO	SLIDE F/5,561' TO 5,592' (31') AROP 12.4 FPH, WOB 40K, PSI 1298, SPM 73/76, GPM 447, MOTOR 129 RPM
	15:00 - 15:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,545', INC 48.01, AZM 76.10
	15:30 - 18:30	3.00	DRL	2	DRLPRO	SLIDE F/5,592' T/5,623' (31') AROP 10.3 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	18:30 - 19:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,576', INC 54.08, AZM 72.60
	19:00 - 22:30	3.50	DRL	2	DRLPRO	SLIDE F/5,623' T/5,654' (31') AROP 8.8 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	22:30 - 23:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,607', INC 60.50, AZM 73.40
23:00 - 03:00	4.00	DRL	2	DRLPRO	SLIDE F/5,654' T/5,685' (31') AROP 7.7 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM	
3/27/2008	03:00 - 03:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION AND SURVEY @ 5,638', INC 66.74, AZM 73.02
	03:30 - 06:00	2.50	DRL	2	DRLPRO	SLIDE F/5,685' T/5,703' (18') AROP 7.2 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	06:00 - 07:30	1.50	DRL	2	DRLIN1	DRLG SLIDE F/5703 T/5715 (12 FT 1.5 HRS)
	07:30 - 08:00	0.50	DRL	2	DRLIN1	CONNECTION SURVEY @ 5668 INC 72.90 AZ 72.84 TVD 5558.76
	08:00 - 11:30	3.50	DRL	2	DRLIN1	DRLG SLIDE F/5715 T/ 5746 (31 FT 3.5 HRS)
	11:30 - 12:00	0.50	DRL	2	DRLIN1	CONNECTION SURVEY @ 5699 INC 79.32 AZ 70.00 TVD 5576.53
	12:00 - 13:00	1.00	DRL	2	DRLIN1	DRLG SLIDE F/5746 T/ 5757 TD (11 FT 1 HR)
	13:00 - 13:30	0.50	DRL	2	DRLIN1	DEVIATION SURVEY @ 5710 INC 81.95 AZ 70.92 TVD 5578.32
	13:30 - 15:30	2.00	TRP	14	DRLIN1	SHORT TRIP 10 STANDS, HOLE IN GOOD CONDITION
	15:30 - 16:30	1.00	CIRC	1	DRLIN1	CIRCULATE HOLE AND RIG UP FRANKS WESTATE LAY DOWN SERVICE HOLD SAFETY MEETING WITH FRANK CREW
	16:30 - 17:30	1.00	TRP	3	DRLIN1	LAY DOWN 5 JOINTS HOLE TIGHT, PICK UP KELLY CIRCULATE AND WORK TIGHT HOLE, PULL THROUGH TIGHT SPOT 2 TIMES WITHOUT PUMP
	17:30 - 18:00	0.50	TRP	3	DRLIN1	CREW CHANGE HOLD SAFETY MEETING WITH FRANK CREW
	18:00 - 20:30	2.50	TRP	3	DRLIN1	LAY DOWN DRILL PIPE
20:30 - 21:00	0.50	RIG	2	DRLIN1	SLIPS STUCK IN ROTARY BUSHING	

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release: Group:
 Spud Date: 3/4/2008
 End: 72

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/27/2008	21:00 - 00:30	3.50	TRP	3	DRLIN1	LAY DOWN DRILL PIPE
	00:30 - 01:30	1.00	TRP	1	DRLIN1	LAY DOWN BHA
	01:30 - 03:30	2.00	CSG	1	DRLIN1	CLEAN UP RIG FLOOR, RIG UP CASING CREW, HANG ELECTRIC STABBING BOARD, SAFETY MEETING
3/28/2008	03:30 - 06:00	2.50	CSG	2	DRLIN1	RUN 7" 26LB LTC HCP-1 CASING
	06:00 - 10:00	4.00	CSG	2	DRLIN1	RUN 7" CASING TAGGED BRIDGE AT 5540
	10:00 - 11:30	1.50	CSG	2	DRLIN1	WORK CASING DOWN F/5540 T/5570
	11:30 - 13:00	1.50	CSG	2	DRLIN1	RIG UP CIRCULATING SWEDGE AND WASH CASING DOWN
	13:00 - 13:30	0.50	CSG	2	DRLIN1	RUN 7" CASING TO BOTTOM
	13:30 - 14:30	1.00	CMT	1	DRLIN1	RIG UP HALIBURTON TO CEMENT
	14:30 - 16:30	2.00	CIRC	1	DRLIN1	CIRCULATE HOLE AND CONDITION MUD
	16:30 - 19:00	2.50	CMT	2	DRLIN1	HOLD SAFETY MEETING W/HALLIBURTON, CEMENT, BUMP PLUG HOLD 1500PSI FOR 10 MIN
	19:00 - 19:30	0.50	CMT	1	DRLIN1	RIG DOWN HALIBURTON
	19:30 - 21:00	1.50	BOP	1	DRLIN1	NIPPLE DOWN STACK TO SET CASING SLIPS
3/29/2008	21:00 - 01:30	4.50	CSG	7	DRLIN1	PICK UP STACK, SET 7" CASING SLIPS AND CUT OFF EXCESS CASING, INSTALL 7" SLIP OVER WEAR BUSHING
	01:30 - 03:30	2.00	BOP	1	DRLIN1	NIPPLE UP BOPE
	03:30 - 05:00	1.50	RIG	2	DRLIN1	COULD NOT BREAK KELLY DOWN IN HOLE, WOULD NOT FIT IN 7", PULLED MOUSE HOLE AND GOT KELLY BROKE
	05:00 - 06:00	1.00	BOP	1	DRLIN1	REPLACE 4.5 PIPE RAMS WITH 3.5 PIPE RAMS,
	06:00 - 08:30	2.50	LOC	4	DRLPRO	RIG UP 3.5 KELLY
	08:30 - 11:00	2.50	BOP	1	DRLPRO	CHANGE OUT 4.5 PIPE RAMS TO 3.5 PIPE RAMS
	11:00 - 11:30	0.50	LOC	4	DRLPRO	TORQUE 3.5 KELLY
	11:30 - 14:00	2.50	BOP	2	DRLPRO	TEST BOPE, KELLY AND SAFETY VALVES TO 250/3000
	14:00 - 16:30	2.50	TRP	1	DRLPRO	STRAP AND PICK UP BHA
	16:30 - 17:30	1.00	TRP	2	DRLPRO	KELLY UP AND INSTALL ROTARY BUSHING, SHALLOW TEST MWD, MM, TEST GOOD
3/30/2008	17:30 - 01:30	8.00	TRP	1	DRLPRO	PICK UP DRILL PIPE, TAG BOTTOM AT 5710
	01:30 - 02:30	1.00	TRP	2	DRLPRO	RIG DOWN LAYDOWN CREW
	02:30 - 04:00	1.50	RIG	1	DRLPRO	SLIP AND CUT DRILLING LINE
	04:00 - 05:00	1.00	SEQ	1	DRLPRO	PU KELLY, INSTALL ROT RUBBER, TORQUE KELLY
	05:00 - 06:00	1.00	DRL	4	DRLPRO	DRILL OUT FLOAT CEMENT
	06:00 - 06:30	0.50	DRL	1	DRLPRO	ROTATE F/5757 T/5767 PERFORM FIT TEST (10 FT 0.5 HR) FIT TEST TO 300 PSI BLEED OFF 90 PSI IN 5 MIN.
	06:30 - 07:00	0.50	DRL	1	DRLPRO	ROTATE F/5767 T/5779 (12 FT 0.5 HR)
	07:00 - 07:30	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 5729 INC 85.30 AZ CASING INTERFERENCE
	07:30 - 08:00	0.50	DRL	1	DRLPRO	ROTATE F/5779 T/5811 (32 FT 0.5 HR)
	08:00 - 09:30	1.50	RIG	2	DRLPRO	WORK ON MUD PUMPS
	09:30 - 10:00	0.50	DRL	1	DRLPRO	ROTATE F/5811 T/5842 (31 FT 0.5 HR)
	10:00 - 10:30	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @5792 INC 89.96 AZ CASING INTERFERENCE
	10:30 - 11:30	1.00	DRL	1	DRLPRO	ROTATE F/5842 T/5874 (32 FT 1 HR)
	11:30 - 12:00	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 5824 INC 90.13 AZ 73.96
	12:00 - 14:00	2.00	DRL	2	DRLPRO	SLIDE F/5874 T/5886 (12 FT 2 HR)
	14:00 - 14:30	0.50	DRL	1	DRLPRO	ROTATE F/5886 T/5906 (20 FT 0.5 HR)
	14:30 - 15:00	0.50	RIG	1	DRLPRO	RIG SERVICE
15:00 - 15:30	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 5856 INC 90.40 AZ 74.29	
15:30 - 16:00	0.50	DRL	1	DRLPRO	ROTATE F/5906 T/5937 (31 FT 0.5 HR)	
16:00 - 16:30	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 5887 INC 91.01 AZ 72.11	
16:30 - 17:00	0.50	DRL	1	DRLPRO	ROTATE F/5937 T/5969 (32 FT 0.5 HR)	
17:00 - 17:30	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 5969 INC 91.45 AZ 71.5	

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/30/2008	17:30 - 18:00	0.50	DRL	1	DRLPRO	ROTATE F/5969 T/5992 (23 FT 0.5 HR)
	18:00 - 20:30	2.50	DRL	2	DRLPRO	SLIDE F/5992 T/5996 (4 FT 2.5HR)
	20:30 - 21:00	0.50	DRL	1	DRLPRO	ROTATE F/5996 T/ 6000 (4 FT 0.5 HR)
	21:00 - 21:30	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @5950 INC 91.28 AZ 72.03
	21:30 - 22:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6000 T/ 6026 (26 FT 0.5 HR)
	22:00 - 00:00	2.00	DRL	2	DRLPRO	SLIDE F/ 6026 T/ 6031 (5 FT 2 HR)
	00:00 - 00:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6031 T/ 6032 (1 FT 0.5 HR)
	00:30 - 01:00	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 5982 INC 91.28 AZ 71.86
	01:00 - 01:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6032 T/ 6063 (31 FT 0.5 HR)
	01:30 - 02:00	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 6013 INC 91.36 AZ 71.21
	02:00 - 02:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6063 T/6095 (32 FT 0.5 HR)
	02:30 - 03:00	0.50	SUR	1	DRLPRO	CONNECTION SURVEY @ 6045 INC 91.19 AZ 70.08
	03:00 - 03:30	0.50	DRL	1	DRLPRO	ROTATE F/6095 T/6100 (5 FT 0.5 HR)
	03:30 - 06:00	2.50	DRL	2	DRLPRO	SLIDE F/6100 T/6107 (7 FT 2.5 HRS)
3/31/2008	06:00 - 06:30	0.50	DRL	1	DRLPRO	ROTATE F/6107 T/6127 (20 FT 0.5 HR)
	06:30 - 07:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION SURVEY @ 6077 INC 91.19 AZ 69.97
	07:00 - 07:30	0.50	DRL	1	DRLPRO	ROTATE F/6127 T/6158 (31 FT 0.5 HR)
	07:30 - 08:00	0.50	SUR	1	DRLPRO	RIG SERVICE, MAKE CONNECTION, SURVEY @ 6108 INC 89.52 AZ 68.91
	08:00 - 09:00	1.00	TRP	14	DRLPRO	SHORT TRIP INTO SHOE
	09:00 - 10:00	1.00	DRL	2	DRLPRO	SLIDE F/ 6158 T/ 6162 (4 FT 1 HR)
	10:00 - 10:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6162 T/ 6180 (18 FT 0.5 HR)
	10:30 - 11:00	0.50	DRL	2	DRLPRO	SLIDE F/ 6180 T/ 6184 (4 FT 0.5 HR)
	11:00 - 11:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6184 T/ 6190 (6FT 0.5 HR)
	11:30 - 12:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6140 INC 89.16 AZ 67.95
	12:00 - 12:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6190 T/ 6195 (5FT 0.5HR)
	12:30 - 14:30	2.00	DRL	2	DRLPRO	SLIDE F/ 6195 T/ 6207 (12 FT 2 HR)
	14:30 - 15:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6207 T/ 6222 (15 FT 0.5 HR)
	15:00 - 15:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6172 INC 89.08 AZ 67.17
	15:30 - 16:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6222 T/ 6253 (31 FT 0.5 HR)
	16:00 - 16:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6203 INC 89.34 AZ 65.46
	16:30 - 17:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6253 T/ 6270 (17 FT 0.5 HR)
	17:00 - 19:00	2.00	DRL	2	DRLPRO	SLIDE F/ 6270 T/6279 (9FT 2.5 HR)
	19:00 - 19:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6279 T/ 6285 (6 FT 0.5 HR)
	19:30 - 20:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @6235 INC 89.43 AZ 65.17
	20:00 - 20:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6285 T/ 6290 (5 FT 0.5 HR)
	20:30 - 21:00	0.50	SUR	1	DRLPRO	SLIDE F/ 6290 T/ 6298 (8 FT 0.5 HR)
	21:00 - 21:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6298 T/ 6316 (18 FT 0.5 HR)
	21:30 - 22:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6266 INC 89.25 AZ 64.46
	22:00 - 22:30	0.50	DRL	1	DRLPRO	ROTATATE F/ 6316 T/ 6321 (5 FT 0.5 HR)
	22:30 - 23:30	1.00	DRL	2	DRLPRO	SLIDE F/ 6321T/ 6327 (6 FT 1 HR)
	23:30 - 00:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6327 T/ 6348 (21 FT
	00:00 - 00:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6298 INC 88.90 AZ 62.43
	00:30 - 01:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6348 T/ 6353 (5 FT 0.5 HR)
	01:00 - 01:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6353 T/ 6364 (11 FT 0.5 HR)
	01:30 - 02:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6364 T/ 6380 (16 FT 0.5 HR)
	02:00 - 02:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6329 INC 88.46 AZ 61.96
	02:30 - 03:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6380 T/ 6385 (5 FT 0.5 HR)
	03:00 - 04:00	1.00	DRL	2	DRLPRO	SLIDE F/ 6385 T/ 6391 (6 FT 1.5 HR)
04:00 - 04:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6391 T/ 6411 (20 FT 0.5 HR)	
04:30 - 05:00	0.50	DRL	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6361 INC 88.37 AZ 61.00	
05:00 - 05:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6411 T/ 6424 (13 FT 0.5 HR)	
05:30 - 06:00	0.50	DRL	2	DRLPRO	SLIDE F/ 6424 T/ 6430 (6 FT 0.5 HR)	

Operations Summary Report

Legal Well Name: SSU 16G-4-8-21
 Common Well Name: SSU 16G-4-8-21
 Event Name: DRILLING
 Contractor Name: Ensign Drilling USD
 Rig Name: ENSIGN

Start: 3/8/2008
 Rig Release:
 Rig Number: 72

Spud Date: 3/4/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/1/2008	06:00 - 06:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6430 T/ 6432 (2FT 0.5 HR)
	06:30 - 07:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6432 T/ 6443 (11 FT 0.5 HR)
	07:00 - 07:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6393 INC 87.85 AZ 60.28
	07:30 - 08:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6443 T/ 6474 (31 FT 0.5 HR)
	08:00 - 08:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY@ 6424 INC 87.85 AZ 58.84
	08:30 - 09:00	0.50	DRL	1	DRLPRO	ROTATE F/6474 T/ 6506 (32 FT 0.5 HR)
	09:00 - 09:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6456 INC 88.29 AZ 58.17
	09:30 - 10:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6506 T/ 6512 (6 FT 0.5 HR)
	10:00 - 11:00	1.00	DRL	2	DRLPRO	SLIDE F/ 6512 T/ 6516 (4 FT 1 HR)
	11:00 - 11:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6516 T/ 6538 (22 FT 0.5 HR)
	11:30 - 12:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	12:00 - 12:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6488 INC 88.37 AZ 58.89
	12:30 - 14:30	2.00	DRL	2	DRLPRO	SLIDE F/ 6538 T/ 6546 (8 FT 2 HR)
	14:30 - 15:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6546 T/ 6569 (23 FT 0.5 HR)
	15:00 - 15:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION SURVEY @ 6519 INC 88.72 AZ 58.70
	15:30 - 16:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6569 T/ 6574 (5 FT 0.5 HR)
	16:00 - 17:00	1.00	DRL	2	DRLPRO	SLIDE F/ 6574 T/ 6578 (4 FT 1 HR)
	17:00 - 17:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6578 T/ 6601 (23 FT 0.5 HR)
	17:30 - 18:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVY @ 6551 INC 88.55 AZ 57.64
	18:00 - 18:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6601 T/ 6608 (7 FT 0.5 HR)
	18:30 - 19:30	1.00	TRP	14	DRLPRO	SHORT TRIP 10 STDS
	19:30 - 20:00	0.50	REAM	1	DRLPRO	TIGHT SPOT, KELLY UP, REAM AND WASH F/ 5975 T/ 6063
	20:00 - 20:30	0.50	TRP	14	DRLPRO	FINISH SHORT TRIP IN HOLE
	20:30 - 22:30	2.00	DRL	2	DRLPRO	SLIDE F/ 6608 T/ 6614 (6 FT 2 HR) POP OFF ON # 1 PUMP WASHED SWITCH TO #2 BARELY MINIMAL GPM.
	22:30 - 23:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6614 T/ 6632 (18 FT 0.5 HR) SWITCH TO #1 PUMP
	23:00 - 23:30	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6582 INC 88.02 AZ 56.88
	23:30 - 00:00	0.50	DRL	1	DRLPRO	ROTATE F/ 6632 T/ 6637 (5 FT 0.5 HR)
	00:00 - 01:00	1.00	DRL	2	DRLPRO	SLIDE F/ 6637 T/ 6643 (6 FT 1 HR)
	01:00 - 01:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6643 T/ 6664 (21 FT 0.5 HR)
	01:30 - 02:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6614 INC 87.93 AZ 55.80
	02:00 - 02:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6664 T/ 6696 (32 FT 0.5 HR)
	02:30 - 03:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6646 INC 88.02 AZ 55.05
	03:00 - 03:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6696 T/ 6727 (31 FT 0.5 HR)
	03:30 - 04:00	0.50	SUR	1	DRLPRO	MAKE CONNECTION, SURVEY @ 6670 INC 88.02 AZ 54.10
	04:00 - 04:30	0.50	DRL	1	DRLPRO	ROTATE F/ 6727 T/ 6732 (5 FT 0.5 HR)
	04:30 - 05:30	1.00	DRL	2	DRLPRO	SLIDE F/ 6732 T/ 6738 (6 FT 1HR)
	05:30 - 06:00	0.50	DRL	1	DRLPRO	ROTATE 6738 T/ 6759 (21 FT 0.5 HR)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-80636

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

7. If Unit or CA, Agreement Designation
**STIRRUP SOUTH UNIT
UTU-82151X**

8. Well Name and No.
SSU 16G-4-8-21

9. API Well No.
43-047-38415

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION COMPANY

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526
Contact: **Mike Stahl** Phone: **(303) 308-3613**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
664' FSL 563' FEL, SESE, SEC. 4, T8S, R21E SURFACE LOCATION
1501' FNL 2050' FWL, SENW, SEC. 3, T8S, R21E BOTTOM HOLE LOCATION

DATE: 6-10-2008
INITIALS: KS

CONFIDENTIAL

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

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

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

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

"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the SSU 16G-4-8-21. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams. Questar requests approval for the commingling of production in the Green River formation. Based upon offset production logs, the proposed initial allocation is as follows: Green River - 100%.

After the well has produced for a period of 6 to 9 months, Questar shall prepare and submit to the BLM, for approval, a paying well determination. If the paying well determination is approved by the BLM, Questar will then submit an application for the formation (or expansion if necessary) of a single Participating area covering the Wasatch, Mancos and Dakota formations.

A production log will be run within 30 days to determine contribution from each interval. At that time a Subsequent Report will be filed detailing the results of the production log.

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

14. I hereby certify that the foregoing is true and correct.
Signed Aura Bills Title Associate Regulatory Affairs Analyst Date 05/09/2008

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

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

RECEIVED
MAY 14 2008

Accepted by the
Title Division of Oil, Gas and Mining
Date _____
For Record Only
** See instruction on Reverse Side require multiple for multiple well production a new sundry*

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side).

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

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 E. 17500 S. VERNAL, UT 84078-8526** DAHN.CALDWELL@QUESTAR.COM 435-781-4342

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **664' FSL, 563' FEL, SESE, SEC 4-T8S-R21E**
At top rod. interval reported below
At total depth **1501' FNL, 2050' FWL, SENW, SEC 3-T8S-R21E** *Per DKD review*
2206 mi 1752 fwl

14. PERMIT NO. **43-047-38415** DATE ISSUED _____
12. COUNTY OR PARISH **UINTAH** 13. STATE **UTAH**

15. DATE SPUDDED **2/25/08** 16. DATE T.D. REACHED **4/6/08** 17. DATE COMPL. (Ready to prod.) **4/27/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **KB** 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD **9000 5053 8601' END OF LINER** 21. PLUG BACK T.D. MD & TVD **OPEN TO 8567' TO TD** 22. IF MULTIPLE COMPL. HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **X** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
OPEN HOLE F/ 8601' - 9000' 25. WAS DIRECTIONAL SURVEY MADE **YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN **CBL, GR** 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#	485'	12-1/4"	250 SXS	
7"	26#	5757'	8-3/4"	430 SXS	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4466'				2-7/8"	4443'	

31. PERFORATION RECORD (Interval, size and number)
OPEN HOLE FROM 8601' TO 9000'

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8575'	ACIDIZE W/ 4000 GALS OF 15% HCL
7733'	ACIDIZE W/ 4000 GALS OF 15% HCL
7311'	ACIDIZE W/ 4000 GALS OF 15% HCL
6924'	ACIDIZE W/ 4000 GALS OF 15% HCL
6083'	ACIDIZE W/ 4000 GALS OF 15% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION **4/27/08** 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
4/30/08	24	N/A	----->	270	N/A	21	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)
150#	20#	----->				

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

35. LIST OF ATTACHMENTS **N/A**

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

SIGNED **JIM SIMONTON** *Jim Simonton* TITLE **COMPLETION SUPERVISOR**

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

RECEIVED

AUG 25 2008

DIV. OF OIL, GAS & MINING

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 16G 4 8 21

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UINTA GREEN RIVER G1 LIME	SURFACE 2762' 5702' MD (5577' TVD)		NO OPEN HOLE ELECTRIC LOGS RUN, ONLY GR/MWD FROM 5072' - 9000' TD & CASED HOLE BOND LOG 1050' - 3972'	UINTA GREEN RIVER G1 LIME	SURFACE 2762' 5702' MD (5577' TVD)	

CONFIDENTIAL

RECEIVED

CONFIDENTIAL

AUG 25 2008

Questar E & P

DIV. OF OIL, GAS & M.

Deviation Summary

Well Name: SSU 16G-4-8-21

TMD: 8,948.0 (ft)

TVD: 5,652.12 (ft)

Location: 16- 11-S 21-E 6

Spud Date: 3/4/2008

S/T #

V.S. AZI (°)

Closure Distance: 3,304.7 (ft)

Closure Direction: 44.47 (°)

Calculation Method: Minimum Curvature

OH

40.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	0.0	0.00	0.00	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	380.0	0.50	0.00	NYN	380.00	0.00	0.00	0.00	0.00	0.00	
OH	862.0	0.75	0.00	YNN	861.97	5.26	0.00	4.03	0.05	0.05	INC
OH	1,280.0	0.50	156.30	YNN	1,279.96	6.32	0.73	5.32	0.29	-0.06	INC
OH	1,780.0	0.60	219.54	YNN	1,779.94	2.31	-0.06	1.73	0.12	0.02	MSS
OH	2,650.0	0.60	219.50	YNN	2,649.89	-4.72	-5.85	-7.38	0.00	0.00	MMS
OH	3,770.0	0.70	149.64	YNN	3,769.84	-15.15	-6.13	-15.54	0.07	0.01	MSS
OH	4,760.0	1.90	151.74	YNN	4,759.56	-34.82	4.70	-23.65	0.12	0.12	MSS
OH	5,026.0	2.30	157.64	YNN	5,025.39	-43.64	8.82	-27.76	0.17	0.15	MSS
OH	5,049.0	2.20	164.89	YNN	5,048.37	-44.50	9.11	-28.23	1.31	-0.43	MWD
OH	5,080.0	1.85	145.46	YNN	5,079.35	-45.48	9.55	-28.70	2.47	-1.13	MWD
OH	5,111.0	2.11	108.73	YNN	5,110.33	-46.08	10.37	-28.63	4.10	0.84	MWD
OH	5,142.0	3.08	88.42	YNN	5,141.30	-46.24	11.75	-27.87	4.27	3.13	MWD
OH	5,173.0	4.22	79.46	YNN	5,172.24	-46.01	13.70	-26.44	4.10	3.68	MWD
OH	5,204.0	5.63	77.97	YNN	5,203.12	-45.48	16.31	-24.36	4.57	4.55	MWD
OH	5,235.0	7.30	79.11	YNN	5,233.92	-44.79	19.73	-21.63	5.40	5.39	MWD
OH	5,266.0	10.29	79.02	YNN	5,264.56	-43.89	24.38	-17.95	9.65	9.65	MWD
OH	5,297.0	14.25	78.23	YNN	5,294.84	-42.59	30.84	-12.80	12.79	12.77	MWD
OH	5,328.0	18.03	77.88	YNN	5,324.61	-40.80	39.27	-6.01	12.20	12.19	MWD
OH	5,359.0	21.54	76.21	YNN	5,353.78	-38.44	49.49	2.37	11.47	11.32	MWD
OH	5,390.0	24.27	76.01	YNN	5,382.33	-35.54	61.20	12.11	8.81	8.81	MWD
OH	5,421.0	27.08	74.88	YNN	5,410.27	-32.16	74.20	23.06	9.20	9.06	MWD
OH	5,452.0	30.95	74.37	YNN	5,437.37	-28.17	88.69	35.43	12.51	12.48	MWD
OH	5,483.0	36.67	73.88	YNN	5,463.12	-23.45	105.27	49.71	18.47	18.45	MWD
OH	5,514.0	42.65	75.98	YNN	5,486.98	-18.33	124.37	65.91	19.77	19.29	MWD
OH	5,545.0	48.01	76.10	YNN	5,508.76	-13.01	145.76	83.73	17.29	17.29	MWD
OH	5,576.0	54.08	74.00	YNN	5,528.24	-6.78	169.03	103.46	20.27	19.58	MWD
OH	5,607.0	60.50	73.40	YNN	5,544.99	0.54	194.05	125.15	20.77	20.71	MWD
OH	5,638.0	66.74	73.02	YNN	5,558.75	8.56	220.63	148.38	20.16	20.13	MWD
OH	5,668.0	72.90	72.84	YNN	5,569.10	16.83	247.53	172.00	20.54	20.53	MWD
OH	5,699.0	79.32	70.79	YNN	5,576.54	26.22	276.10	197.56	21.68	20.71	MWD
OH	5,729.0	85.30	71.30	YNN	5,580.55	35.87	304.21	223.02	20.00	19.93	MWD
OH	5,761.0	89.52	72.89	YNN	5,582.00	45.70	334.62	250.10	14.09	13.19	MWD

Deviation Summary

Well Name: SSU 16G-4-8-21										Location: 16- 11-S 21-E 6	
TMD: 8,948.0 (ft)										TVD: 5,652.12 (ft)	
Closure Distance: 3,304.7 (ft)										Closure Direction: 44.47 (°)	
										Spud Date: 3/4/2008	
										Calculation Method: Minimum Curvature	
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	S/T #	V.S. AZI (°)
										OH	40.00
										BUR (°/100ft)	Type
OH	5,792.0	89.96	74.06	YNN	5,582.14	54.51	364.34	275.95	4.03	1.42	MWD
OH	5,824.0	90.13	73.96	YNN	5,582.11	63.33	395.10	302.48	0.62	0.53	MWD
OH	5,856.0	90.40	74.29	YNN	5,581.96	72.08	425.88	328.97	1.33	0.84	MWD
OH	5,887.0	91.01	72.11	YNN	5,581.58	81.04	455.55	354.91	7.30	1.97	MWD
OH	5,919.0	91.45	71.74	YNN	5,580.90	90.97	485.97	382.06	1.80	1.38	MWD
OH	5,950.0	91.28	72.03	YNN	5,580.16	100.60	515.42	408.37	1.08	-0.55	MWD
OH	5,982.0	91.28	71.86	YNN	5,579.44	110.52	545.84	435.52	0.53	0.00	MWD
OH	6,013.0	91.36	71.21	YNN	5,578.73	120.33	575.24	461.94	2.11	0.26	MWD
OH	6,045.0	91.19	70.08	YNN	5,578.02	130.94	605.42	489.46	3.57	-0.53	MWD
OH	6,077.0	91.19	69.97	YNN	5,577.35	141.87	635.49	517.16	0.34	0.00	MWD
OH	6,108.0	89.52	68.91	YNN	5,577.16	152.75	664.51	544.15	6.38	-5.39	MWD
OH	6,140.0	89.16	67.95	YNN	5,577.53	164.52	694.27	572.29	3.20	-1.13	MWD
OH	6,172.0	89.08	67.17	YNN	5,578.02	176.73	723.84	600.66	2.45	-0.25	MWD
OH	6,203.0	89.34	65.45	YNN	5,578.45	189.18	752.23	628.44	5.61	0.84	MWD
OH	6,235.0	89.43	65.17	YNN	5,578.79	202.55	781.30	657.37	0.92	0.28	MWD
OH	6,266.0	89.25	64.46	YNN	5,579.15	215.74	809.35	685.51	2.36	-0.58	MWD
OH	6,298.0	88.90	62.43	YNN	5,579.66	230.04	837.97	714.86	6.44	-1.09	MWD
OH	6,329.0	88.46	61.96	YNN	5,580.38	244.50	865.38	743.55	2.08	-1.42	MWD
OH	6,361.0	88.37	61.00	YNN	5,581.26	259.77	893.49	773.32	3.01	-0.28	MWD
OH	6,393.0	87.85	60.28	YNN	5,582.32	275.45	921.36	803.25	2.77	-1.63	MWD
OH	6,424.0	87.85	58.84	YNN	5,583.48	291.15	948.07	832.44	4.64	0.00	MWD
OH	6,456.0	88.29	58.17	YNN	5,584.56	307.85	975.34	862.77	2.50	1.38	MWD
OH	6,488.0	88.37	58.89	YNN	5,585.49	324.55	1,002.62	893.09	2.26	0.25	MWD
OH	6,519.0	88.72	58.70	YNN	5,586.28	340.61	1,029.13	922.43	1.28	1.13	MWD
OH	6,551.0	88.55	57.64	YNN	5,587.04	357.48	1,056.31	952.83	3.35	-0.53	MWD
OH	6,582.0	88.02	56.88	YNN	5,587.97	374.24	1,082.37	982.42	2.99	-1.71	MWD
OH	6,614.0	87.93	55.80	YNN	5,589.10	391.96	1,108.99	1,013.10	3.38	-0.28	MWD
OH	6,646.0	88.02	55.05	YNN	5,590.23	410.11	1,135.32	1,043.93	2.36	0.28	MWD
OH	6,677.0	88.02	54.10	YNN	5,591.30	428.07	1,160.56	1,073.92	3.06	0.00	MWD
OH	6,709.0	87.85	54.45	YNN	5,592.45	446.74	1,186.53	1,104.91	1.22	-0.53	MWD
OH	6,740.0	88.46	54.27	YNN	5,593.45	464.80	1,211.71	1,134.92	2.05	1.97	MWD
OH	6,772.0	89.96	54.47	YNN	5,593.89	483.44	1,237.71	1,165.92	4.73	4.69	MWD
OH	6,804.0	90.40	52.51	YNN	5,593.79	502.47	1,263.43	1,197.03	6.28	1.38	MWD

Deviation Summary

Well Name: SSU 16G-4-8-21										Location: 16- 11-S 21-E 6	
TMD: 8,948.0 (ft)										TVD: 5,652.12 (ft)	
Closure Distance: 3,304.7 (ft)										Closure Direction: 44.47 (°)	
										Spud Date: 3/4/2008	
										Calculation Method: Minimum Curvature	
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	S/T #	V.S. AZI (°)
										OH	40.00
										BUR (°/100ft)	Type
OH	6,835.0	90.22	50.05	YNN	5,593.63	521.86	1,287.62	1,227.43	7.96	-0.58	MWD
OH	6,867.0	90.48	48.56	YNN	5,593.43	542.73	1,311.88	1,259.01	4.73	0.81	MWD
OH	6,899.0	90.75	45.63	YNN	5,593.09	564.51	1,335.31	1,290.76	9.19	0.84	MWD
OH	6,930.0	90.48	43.50	YNN	5,592.75	586.59	1,357.06	1,321.66	6.93	-0.87	MWD
OH	6,962.0	89.16	41.04	YNN	5,592.85	610.27	1,378.59	1,353.63	8.72	-4.13	MWD
OH	6,994.0	88.90	38.20	YNN	5,593.40	634.91	1,398.99	1,385.62	8.91	-0.81	MWD
OH	7,025.0	88.64	35.11	YNN	5,594.06	659.77	1,417.49	1,416.56	10.00	-0.84	MWD
OH	7,057.0	88.99	31.43	YNN	5,594.72	686.52	1,435.03	1,448.32	11.55	1.09	MWD
OH	7,089.0	89.08	30.31	YNN	5,595.26	713.98	1,451.45	1,479.91	3.51	0.28	MWD
OH	7,121.0	89.08	29.88	YNN	5,595.78	741.66	1,467.49	1,511.43	1.34	0.00	MWD
OH	7,152.0	89.25	28.85	YNN	5,596.23	768.68	1,482.69	1,541.90	3.37	0.55	MWD
OH	7,184.0	89.52	28.52	YNN	5,596.57	796.75	1,498.05	1,573.27	1.33	0.84	MWD
OH	7,216.0	88.37	26.34	YNN	5,597.16	825.14	1,512.79	1,604.50	7.70	-3.59	MWD
OH	7,248.0	88.37	25.39	YNN	5,598.07	853.92	1,526.75	1,635.52	2.97	0.00	MWD
OH	7,280.0	88.02	25.27	YNN	5,599.08	882.83	1,540.43	1,666.46	1.16	-1.09	MWD
OH	7,311.0	87.93	24.62	YNN	5,600.17	910.92	1,553.49	1,696.38	2.12	-0.29	MWD
OH	7,343.0	87.67	24.90	YNN	5,601.40	939.96	1,566.89	1,727.23	1.19	-0.81	MWD
OH	7,375.0	87.58	24.95	YNN	5,602.73	968.96	1,580.36	1,758.10	0.32	-0.28	MWD
OH	7,406.0	87.41	24.75	YNN	5,604.08	997.06	1,593.38	1,787.99	0.85	-0.55	MWD
OH	7,438.0	87.32	25.50	YNN	5,605.56	1,026.00	1,606.95	1,818.89	2.36	-0.28	MWD
OH	7,470.0	87.85	25.25	YNN	5,606.90	1,054.89	1,620.65	1,849.82	1.83	1.66	MWD
OH	7,502.0	87.76	25.11	YNN	5,608.13	1,083.82	1,634.25	1,880.74	0.52	-0.28	MWD
OH	7,533.0	87.32	25.36	YNN	5,609.46	1,111.84	1,647.46	1,910.68	1.63	-1.42	MWD
OH	7,565.0	88.29	25.73	YNN	5,610.69	1,140.69	1,661.25	1,941.65	3.24	3.03	MWD
OH	7,596.0	88.72	26.34	YNN	5,611.49	1,168.53	1,674.85	1,971.72	2.41	1.39	MWD
OH	7,628.0	88.64	26.88	YNN	5,612.23	1,197.14	1,689.18	2,002.84	1.71	-0.25	MWD
OH	7,660.0	88.64	26.84	YNN	5,612.99	1,225.68	1,703.63	2,034.00	0.12	0.00	MWD
OH	7,691.0	88.46	26.64	YNN	5,613.78	1,253.35	1,717.58	2,064.16	0.87	-0.58	MWD
OH	7,723.0	88.29	26.41	YNN	5,614.68	1,281.97	1,731.86	2,095.27	0.89	-0.53	MWD
OH	7,755.0	88.20	26.59	YNN	5,615.66	1,310.60	1,746.13	2,126.37	0.63	-0.28	MWD
OH	7,786.0	87.93	26.69	YNN	5,616.71	1,338.29	1,760.03	2,156.51	0.93	-0.87	MWD
OH	7,818.0	87.93	26.88	YNN	5,617.87	1,366.84	1,774.44	2,187.64	0.59	0.00	MWD
OH	7,850.0	88.02	27.26	YNN	5,619.00	1,395.32	1,788.99	2,218.81	1.22	0.28	MWD

Deviation Summary

Well Name: SSU 16G-4-8-21

TMD: 8,948.0 (ft)

TVD: 5,652.12 (ft)

Location: 16- 11-S 21-E 6

Spud Date: 3/4/2008

S/T #

V.S. AZI (°)

Closure Distance: 3,304.7 (ft)

Closure Direction: 44.47 (°)

Calculation Method: Minimum Curvature

OH

40.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	7,881.0	88.37	27.25	YNN	5,619.97	1,422.86	1,803.18	2,249.04	1.13	1.13	MWD
OH	7,913.0	88.29	27.70	YNN	5,620.91	1,451.24	1,817.94	2,280.26	1.43	-0.25	MWD
OH	7,945.0	88.02	27.53	YNN	5,621.94	1,479.58	1,832.76	2,311.50	1.00	-0.84	MWD
OH	7,977.0	88.20	27.23	YNN	5,622.99	1,507.98	1,847.47	2,342.71	1.09	0.56	MWD
OH	8,009.0	88.11	27.78	YNN	5,624.02	1,536.35	1,862.24	2,373.93	1.74	-0.28	MWD
OH	8,040.0	88.11	27.69	YNN	5,625.04	1,563.77	1,876.66	2,404.21	0.29	0.00	MWD
OH	8,072.0	88.72	27.54	YNN	5,625.93	1,592.11	1,891.49	2,435.45	1.96	1.91	MWD
OH	8,104.0	88.55	28.02	YNN	5,626.69	1,620.42	1,906.40	2,466.72	1.59	-0.53	MWD
OH	8,135.0	88.64	27.98	YNN	5,627.45	1,647.78	1,920.95	2,497.03	0.32	0.29	MWD
OH	8,167.0	88.37	28.03	YNN	5,628.29	1,676.02	1,935.97	2,528.32	0.86	-0.84	MWD
OH	8,199.0	88.29	28.02	YNN	5,629.22	1,704.26	1,951.00	2,559.61	0.25	-0.25	MWD
OH	8,230.0	88.20	28.13	YNN	5,630.17	1,731.60	1,965.58	2,589.93	0.46	-0.29	MWD
OH	8,262.0	88.20	28.42	YNN	5,631.17	1,759.77	1,980.73	2,621.25	0.91	0.00	MWD
OH	8,294.0	88.29	28.15	YNN	5,632.15	1,787.93	1,995.89	2,652.57	0.89	0.28	MWD
OH	8,326.0	88.55	28.32	YNN	5,633.04	1,816.11	2,011.02	2,683.88	0.97	0.81	MWD
OH	8,357.0	88.64	28.39	YNN	5,633.80	1,843.39	2,025.74	2,714.24	0.37	0.29	MWD
OH	8,389.0	88.55	29.03	YNN	5,634.58	1,871.44	2,041.10	2,745.61	2.02	-0.28	MWD
OH	8,421.0	88.55	28.90	YNN	5,635.39	1,899.43	2,056.60	2,777.00	0.41	0.00	MWD
OH	8,452.0	88.29	29.20	YNN	5,636.24	1,926.52	2,071.64	2,807.43	1.28	-0.84	MWD
OH	8,484.0	88.02	29.40	YNN	5,637.27	1,954.41	2,087.30	2,838.86	1.05	-0.84	MWD
OH	8,579.0	88.20	28.88	YNN	5,640.41	2,037.34	2,133.53	2,932.10	0.58	0.19	MWD
OH	8,674.0	88.20	29.45	YNN	5,643.39	2,120.26	2,179.80	3,025.36	0.60	0.00	MWD
OH	8,769.0	87.85	29.27	YNN	5,646.67	2,203.01	2,226.35	3,118.67	0.41	-0.37	MWD
OH	8,865.0	88.29	29.50	YNN	5,649.90	2,286.61	2,273.43	3,212.98	0.52	0.46	MWD
OH	8,948.0	88.64	30.67	YNN	5,652.12	2,358.40	2,315.02	3,294.71	1.47	0.42	MWD

Operations Summary Report - *Completion*

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ROCKY MTN WS

Spud Date: 3/4/2008
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/15/2008	06:00 - 16:00	10.00	LOC	4	<p>COMPLETE OH LATERAL ON THIS NEW WELL On 4/14/08 Install dead men and grade location and install wellhead. MIRU Rocky Mtn Well Service #3 to start completion of well. Installed tbg head with Cameron 11"x5M#x7-1/16"x5M# and test to 5000# and held OK. NU 7-1/16"x5M# BOP and SIFN.</p> <p>24 Hour Forecast: Will RIH with ret head on tbg.</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBTD: OH from 8601' to 9000'</p>
4/16/2008	06:00 - 16:00	10.00	TRP	2	<p>TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL On 4/15/08 SICP = 0#. Tally and rabbit in the hole w/ a 6-1/8" bit; 7" csg scraper & 2-7/8" tbg to tag the RBP @ 3970'. Circ out drilling mud with 140 bbls of 2% KCL water. Too windy to pull tbg. SIFN.</p> <p>24 Hour Forecast: Will POOH w/ tbg & run a CBL log & RIH w/ ret head & tbg. Attempt to release & POOH w/ RBP.</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBTD: OH from 8601' to 9000'</p>
4/17/2008	06:00 - 16:00	10.00	LOG	2	<p>Perfs: OH from 8601' to 9000' TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL On 4/16/08 SITP & SICP = 0#. POOH w/ bit & scraper. MIRU Cased Hole Solutions & ran a CBL/GR log from RBP tag @ 3970' to 750' w/ TOC est at 1250'. RDMO Cased Hole Solutions. RIH w/ ret head on 2-7/8" tbg & latch on to RBP @ 3970' & release & POOH w/ plug. Well stayed static. NU additional BOP pipe ram with 2-3/8" rubbers & SIFN.</p> <p>24 Hour Forecast: Will tally & rabbit in the hole with 2-3/8" tbg & 2-7/8" tbg & run into the liner to prepare for acid job on 4/18/08.</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBTD: OH from 8601' to 9000'</p>
4/18/2008	06:00 - 16:00	10.00	TRP	2	<p>Perfs: OH from 8601' to 9000' TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL On 4/17/08 SICP = slight vacuum. PU & tally in the hole w/ 129 jts (4197') of 2-3/8" EUE 8rd 4.7# P-110 used tbg; x-over & 135 jts of 2-7/8" EUE 6.5# used tbg to 8567' with end of all tbg. No tag but having 10M# drag. The end of the liner is at 8601'. SIFN.</p> <p>24 Hour Forecast: Will tally & rabbit in the hole with 2-3/8" tbg & 2-7/8" tbg & run into the liner to prepare for acid job on 4/18/08.</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p>

CONFIDENTIAL

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ROCKY MTN WS

Spud Date: 3/4/2008
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/18/2008	06:00 - 16:00	10.00	TRP	2	<p>TD: (MD) = 9000'; TVD = 5653' PBSD: OH from 8601' to 9000'</p> <p>Perfs: OH from 8601' to 9000'</p>
4/21/2008	06:00 - 16:00	10.00	STIM	1	<p>TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL On 4/18/08 SITP & SSCP = 0# w/ tbg tail @ 8575'. MIRU Halliburton Acid Crew. Acidize slotted liner with tbg tail @ 8575' as follows: Establish circ with 2% KCL water and spot 15% acid to bottom of tbg and close in annulus & pump 4000 gals of 15% HCL acid w/ additives & displace to end of tbg w/ 2% KCL water & 10# brine. Avg of 5.2 BPM at 2145#. Move tbg to 7733' & perform the same acid job as above with 4000 gals of 15% HCL @ an avg of 4.2 BPM @ 1400#. Move tbg tail to 7311' & perform the same as above with 4000 gals of 15% HCL at an avg of 4.6 BPM @ 1615#. Move tbg tail to 6924' and acidize above with 4000 gals of 15% HCL at 4.6 BPM @ 1630#. Move tbg tail to 6083' & acidize as above with 4000 gals of acid w/ an avg of 4.6 BPM @ 1500#. RDMO Halliburton. Used a total of 20M gals of 15% HCL acid with additives. Lay down 2-7/8" tbg with tbg tail at 4431' & SIFW. On 4/21/08 SITP & SSCP = vacuum.</p> <p>24 Hour Forecast: Will finish laying down work string & RIH w/ production tbg & start to swab well.</p> <p>LLTR: 1030 BBLS</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBSD: OH from 8601' to 9000'</p> <p>Perfs: OH from 8601' to 9000'</p>
4/22/2008	06:00 - 16:00	10.00	TRP	2	<p>TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL On 4/21/08 SITP & SSCP = 0#. Finsih POOH and laying down 2-7/8" & 2-3/8" tbg used as a work string. Tally & rabbit in the hole with new 2-7/8" EUE 8rd J.5# J-55 production tubulars as follows: Barred NC; 1 jt tbg; SN: 1 jt tbg; 7" anchor/catcher; 135 jts of tbg to surface. ND BOP's. Set anchor at 4377' with 12M# tension; tbg tail @ 4443' & SN @ 4410'. Land tbg on B-1 adapter and SIFN. No hanger in wellhead.</p> <p>24 Hour Forecast: Will swab well.</p> <p>LLTR: 1030 BBLS</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBSD: OH from 8601' to 9000'</p> <p>Perfs: OH from 8601' to 9000'</p> <p>Tbg Detail: Barred NC = .43', 1 jt tbg = 32.29'; SN = 1.12'; 1 jt tbg = 32.28'; 7" B-2 A/C w/ carbide slips = 2.71'; 135 jts of tbg = 4359.65'; 12M# tension = 1.0'; KB = 14'. All tbg is new 2-7/8" EUE 8rd 6.5# J-55. Tbg tail @ 4443.48'; SN @ 4410.76'; AC @</p>

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ROCKY MTN WS

Spud Date: 3/4/2008
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/22/2008 4/23/2008	06:00 - 16:00 06:00 - 16:00	10.00 10.00	TRP SWAB	2 1	<p>4377.36'. All depths KB depths.</p> <p>TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL</p> <p>On 4/22/08 SITP & SICP = 0#. RU swab. IFL @ 1600'. Make 12 runs and recovered 72 bbls of total fluid. After recovering 29 bbls of water the swab runs turned to 100% oil with a fluid entry rate of 30 bbls per hour without shrinkage with a final PH of 7 and fluid level stabilized at 1650' while making 4 runs per hour. RD swab and SIFN.</p> <p>24 Hour Forecast: Will run rods and pump.</p> <p>LLTR: 1001 BBLs</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBTD: OH from 8601' to 9000'</p> <p>Perfs: OH from 8601' to 9000'</p> <p>Tbg Detail: Barred NC = .43', 1 jt tbg = 32.29'; SN = 1.12'; 1 jt tbg = 32.28'; 7" B-2 A/C w/ carbide slips = 2.71'; 135 jts of tbg = 4359.65'; 12M# tension = 1.0'; KB = 14'. All tbg is new 2-7/8" EUE 8rd 6.5# J-55. Tbg tail @ 4443.48'; SN @ 4410.76'; AC @ 4377.36'. All depths KB depths.</p>
4/24/2008	06:00 - 16:00	10.00	LOC	4	<p>TIGHT HOLE - COMPLETE OH LATERAL ON THIS NEW WELL</p> <p>On 4/23/08 SITP = 90# & SICP = 60#. RU hot oiler & flush tbg w/ 30 bbls of hot water & snake oil. Bucket test pump & OK. RIH w/ 2-1/2"x1-3/4"x20x20-1/2x21' RHAC rod pump & 116 - 3/4" Class "D" rods slick & 59-7/8" Class "D" rods all new & slick & 1-4' & 1-6'x7/8" pony rods & a 1-1/2"x22' polish rod. Seat pump in SN @ 4410' & long stroke to 500# & held OK. Clamp off rods and NUWH. 12" from tag. SIFN. RD Rocky Mtn. WS. Turn well over to production department. FINAL REPORT OF WELL COMPLETION.</p> <p>LLTR: 1031 BBLs</p> <p>Csg Size & Depth: 7" 26# at 5757'; 4-1/2" from 4466' to 8601'</p> <p>TD: (MD) = 9000'; TVD = 5653' PBTD: OH from 8601' to 9000'</p> <p>Perfs: OH from 8601' to 9000'</p> <p>Tbg Detail: Barred NC = .43', 1 jt tbg = 32.29'; SN = 1.12'; 1 jt tbg = 32.28'; 7" B-2 A/C w/ carbide slips = 2.71'; 135 jts of tbg = 4359.65'; 12M# tension = 1.0'; KB = 14'. All tbg is new 2-7/8" EUE 8rd 6.5# J-55. Tbg tail @ 4443.48'; SN @ 4410.76'; AC @ 4377.36'. All depths KB depths.</p> <p>Rod and Pump Detail: Pump - 2-1/2"x1-3/4"x20x20-1/2x21'RHAC 116 - 3/4" Plain "D" Rods (2900') 59 - 7/8" Plain "D" Rods (1475') 1-4' & 1-6' x 7/8" Pony Rods 1-1/2" x 22' Polish Rod</p>

Operations Summary Report - DRILLING

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

RECEIVED
AUG 25 2008

DIV. OF OIL, GAS & MINING

Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/4/2008	00:00 - 02:00	2.00	01		RIG UP TO DRILL SURFACE 12.25IN HOLE	
	02:00 - 18:00	16.00	02		DRILL F/80 T/490 POOH TO RUN CASING	
	18:00 - 20:00	2.00	05	F	RUN 9.625 CASING	
	20:00 - 23:00	3.00	05	H	CEMENT SURFACE PIPE	
	23:00 - 23:30	0.50	01		RIG DOWN AND MOVE OFF LOCATION	
3/9/2008	06:00 - 18:00	12.00	01	B	RDMO RIG	
	18:00 - 06:00	12.00	25		WAIT ON DAYLIGHT	
3/10/2008	06:00 - 18:00	12.00	01	B	RDMO RIG	
	18:00 - 06:00	12.00	25		WAIT ON DAYLIGHT AND FROST FOR FINAL 5 MILES	
3/11/2008	06:00 - 18:00	12.00	LOC	3	MIRU RIG, RIG DOWN RIG 100%, MOVE IN 95%. RIG UP 70%, PLUMB NEW "USED" SWACO MONGOOSE INTO SYSTEM, REPAIR PILL TANK GUN LINE, REPAIR HAND RAILS AND KICK PLATE ON MUD TANKS	
	18:00 - 06:00	12.00	LOC	4	GENERAL RIG UP BACKYARD	
3/12/2008	06:00 - 06:00	24.00	LOC	4	FINNISH RIG UP OF BACK YARD. REPAIR STAIR TREADS ON BEAVER SLIDE; REPLACE AND WELD RAILS, GUN LINES, GRATING AND TOE PLATES ON MUD PITS; RAISE DERRICK @16:00, INSTALL ROTATING HEAD ON BOP STACK AND PLUMB NEW MUD LINE, RIG UP FLOOR, CUT AND REPAIR TONG LINE COUNTER WEIGHTS. PUT 6" LINERS IN BOTH PUMPS. INSPECT AND REPLACE VALVES/SEATS, SHUT DOWN WELDING FOR DAYLIGHT (RESUME FABRICATION AND WELDING TOMORROW AGAIN WITH 3 WELDERS)	
	06:00 - 06:00	24.00	LOC	4	REPLACE AND WELD RAILS, GUN LINES, GRATING AND TOE PLATES ON MUD PITS; PLUMB NEW FLOW LINE FROM ROTATING HEAD, RIG UP FLOOR, WORK ON PLUMBING SHAKER, SET MOUSE HOLE, HAUL IN MUD CHEMICALS, MOVE PIT WATER FROM BRENNAN #14 TO FILL PIT: RESERVE PIT CURRENT WT 8.5 PPG, 15,000 MG/L CHLORIDE, WELDING FOR DAYLIGHT (FABRICATION AND WELDING AGAIN WITH 3 WELDERS); TWO QUESTAR SAFETY REPS PERFORMED RIG INSPECTION, FOUND TWO ELECTRICAL INSULATIONS VIOLATIONS THAT ARE CURRENTLY BEING ADDRESSED. STARTED TO FILL MUD TANKS AND FOUND LEAK IN SHALE TANK, DRAINED FOR REPAIR BY WELDER.	
3/13/2008	06:00 - 06:00	24.00	LOC	4	TEST BOP STACK, UPPER & LOWER KELLY VALVES, TIW VALVE. KILL LINE, CHOKE LINE AND MANIFOLD. STAND PIPE FROM PUMP TO KELLY, TEST ALL TO 3000 PSI. TEST ANNULAR PREVENTER TO 1500 PSI. HELD GOOD. MOVE MOTOR, IBS, COLLARS AND HWDP TO CATWALK PIPE RACK. STRAP AND DRAW UP BHA. REPAIR FLOW LINE FLANGE ON SHAKER, PATCH PILL, SHALE TANK. BUILD LANDING AROUND POSSUM BELLY. INSTALL WEAR BUSHING. FILL MUD PITS W/ 587 BBLS OF 8.4 PPG WATER. PU BHA #1, TIH TO 407'. TIGHTEN KELLY & INSTALL KELLY SPINNER	
	06:00 - 13:00	7.00	BOP	2	RU SURVEY MACHINE	
	13:00 - 14:00	1.00	TRP	1	RUN TOTCO DEVIATION SURVEY @ 380' W/ .5 DEGREE INCLINATION	
	14:00 - 16:30	2.50	RIG	2	WORK ON PUMP AIR LINES, UNABLE TO INCREASE SPM ON PUMPS. LAY DOWN 1 DRILL COLLAR AND INSTALL ROTATING HEAD RUBBER. PU ONE JT. OF HWDP TO DRILL.	
	16:30 - 17:00	0.50	WHD	1	WORK ON INSTALLING ROTORY BUSHINGS, CLEANED OUT BUSHING SEAT AND BUSHINGS, BUSHINGS STILL VERY HARD TO INSTALL.	
	17:00 - 22:30	5.50	TRP	1	DRILL LANDING COLLAR @ 407' AND SHOE TRACK CEMENT TO 442'.	
	22:30 - 00:30	2.00	TRP	1	DRILL CEMENT AND FLOAT EQUIPMENT F/442, T/456.	
	00:30 - 01:30	1.00	SUR	1	CIRCULATE HOLE CLEAN OF FLOAT EQUIPMENT	
	01:30 - 02:00	0.50	SUR	1	SHUT DOWN PUMPS AND HOLE REMAINED FULL, CLOSED HYDRIL WITH BIT 6' OFF BTM, INSTALLED PRESSURE GAUGE ON CASING ANNULUS. LOWER DRILL STRING AND MONITORED BUILD UP ON ANNULUS PRESSURE.	
	02:00 - 03:00	1.00	RIG	2		
	03:00 - 04:00	1.00	SEQ	4		
	04:00 - 04:30	0.50	RIG	2		
	3/15/2008	04:30 - 06:00	1.50	DRL	4	
		06:00 - 06:30	0.50	DRL	4	
		06:30 - 07:00	0.50	CIRC	1	
	07:00 - 07:30	0.50	EQT	2		

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/15/2008	07:00 - 07:30	0.50	EQT	2	FORMATION STARTED TO BLEED OFF W/ 20 PSI ON ANNULUS. FLUID WEIGHT .4368 LBS/FT. 9.3 PPG MUD WT
	07:30 - 08:00	0.50	RIG	2	DRESSER ON CHARGE LINE TO #1 PUMP SEPERATED. REPAIRED DRESSER.
	08:00 - 09:30	1.50	DRL	1	DRILL CEMENT F/456' T/490' (34').
	09:30 - 12:00	2.50	DRL	1	DRILL FORMATION F/490' T/594' (104').
	12:00 - 15:00	3.00	TRP	2	STOOD BACK KELLY, LAY DOWN 7 JTS OF 4 1/2" HWDP, PICK UP 6JTS OF 6 1/4" DC AND ONE JT OF 4 1/2" HWDP, MU KELLY. REPAIR PASON FOOTAGE SENSOR IN CROWN.
	15:00 - 20:30	5.50	DRL	1	DRILL F/594' T/906' (312')
	20:30 - 21:00	0.50	CIRC	1	PUMP 20BBLs SWEEP & CIRC FOR SURVEY
	21:00 - 21:30	0.50	SUR	1	SURVEY @ 862' 3/4 DEG
	21:30 - 06:00	8.50	DRL	1	DRILL F/906' T/1270' (364'). SPR @ 1088' #1 MUD PUMP 40 SPM 137 PSI 51 SPM 190 PSI #2 MUD PUMP 68 SPM 150 PSI
	3/16/2008	06:00 - 08:00	2.00	DRL	1
08:00 - 09:00		1.00	SUR	1	RUN MULTI SHOT SURVEY @ 1,295' .5 INC, 156.3 AZM.
09:00 - 14:30		5.50	DRL	1	DRILL F/1356' T/1541' (185)
14:30 - 15:00		0.50	RIG	1	SERVICE AND LUBRICATE RIG
15:00 - 22:30		7.50	DRL	1	DRILL F/1541' T/1851' (310')
22:30 - 23:00		0.50	CIRC	1	PUMP 20BBLs HI-VIS CIRC
3/17/2008	23:00 - 23:30	0.50	SUR	1	RUN MULTI SHOT SURVEY @ 1,780' .6 INC, 219.54 AZM
	23:30 - 06:00	6.50	DRL	1	DRILL F/1851' T/2185' (334')
	06:00 - 09:00	3.00	DRL	1	DRILL F/2,185' T/2,378' (193') PUMPING 20 BBL GEL SWEEP EVERY HR TO CLEAN HOLE.
	09:00 - 09:30	0.50	RIG	1	SERVICE AND LUBRICATE RIG
	09:30 - 17:00	7.50	DRL	1	DRILL F/2,378' T/2,717' (339') PUMPING 20 BBL GEL SWEEP EVERY HR TO CLEAN HOLE
3/18/2008	17:00 - 17:30	0.50	SUR	1	CIRCULATE BOTTOMS UP. SURVEY @ 2,650' INC 0.6, AZM 219.5
	17:30 - 06:00	12.50	DRL	1	DRILL F/2717' T/3170' (453')
	06:00 - 12:30	6.50	DRL	1	DRILL F/3,170' T/3,276' (106') AROP 16.3 FPH, WOB 7K, 130 SPM @ 419 GPM, MOTOR RPM 119, ROTARY 30 RPM
	12:30 - 13:00	0.50	RIG	1	SERVICE RIG. LUBRICATE AND WORK ON PUMP THROTTLE
	13:00 - 13:30	0.50	CIRC	1	PUMP 1.5 PPG. DRY SLUG
	13:30 - 16:00	2.50	TRP	10	TOOH FOR BIT CHANGE. AFTER PULLING THE HWDP THE WIPER RUBBER WAS REMOVED. THE WATER HOSE WAS BEING MOVED OVER TOWARD THE DRILL COLLAR BEING PULLED WHEN THE 1" NIPPLE, 1" BRASS BALL VALVE, 1" X 1/4" BUSHING AND 1/4" NIPPLE BLEW OUT OF THE HOSE CLEARING THE ROTARY TABLE GOING RIGHT DOWN THE HOLE!! CONTINUED PULLING DRILL COLLARS UP UNTIL THE TOP IBS WAS IN THE WEAR BUSHING. FELT A SLIGHT WEIGHT BOBBEL LOOKED DOWN THE HOLE AND THE VALVE WAS SETTING ON TOP OF THE IBS.
	16:00 - 19:00	3.00	OTH		OPEN DOOR ON BOTTOM PIPE RAMS, VAVE & NIPPLES WERE 2.5' BELOW RAM DOOR. WORKED THE PIPE UP HOLE CARRING THE VALVE INTO RAM DOOR. ATTEMPT TO RETREVE 1" BALL VALVE 1" X 1/4" BUSHING & 1" NIPPLE. RECOVERED BUSHING AND NIPPLE. BRASS VALVE WAS BROKEN AND FELL APART WITH THE BRASS AND 1" STAINLESS STEEL BALL FALLING INTO WELL BORE.
	19:00 - 20:00	1.00	OTH		CLOSE DOOR ON BOTTOM PIPE RAM
	20:00 - 21:00	1.00	TRP	1	L/D DP505 BIT, DOG SUB, MUD MOTOR, THREE IBS, MONEL DRILL COLLAR.
	21:00 - 23:30	2.50	BOP	2	PULL WEAR BUSHING. INSTALL 11" TEST PLUG AND TEST PIPE RAMS TO 250 PSI / 3,000 PSI. SET WEAR BUSHING
3/18/2008	23:30 - 04:00	4.50	TRP	1	P.U. BHA #2 AND TIH TO DRILL UP 1" STAINLESS STEEL BALL AND BRASS VALVE PARTS. TAG TIGHT SPOT @ 3215'
	04:00 - 05:00	1.00	REAM	1	WASH & REAM TIGHT SPOTS F/3215', 45', 68', TO 3276' (61')

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/18/2008	05:00 - 06:00	1.00	REAM	1	WORK JUNK BUSHING FANNING BOTTOM AND WORKING PUMPS ON & OFF TO FILL JUNK BASKET.
3/19/2008	06:00 - 10:30	4.50	DRL	1	DRILL F/3,276' T/3,297' (21') AROP 4.6 FPH, WOB 15K, 70 SPM, 226 GPM, ROTARY 55 RPM, PUMP 46 VIS GEL SWEEP, PREPARE TO TOOH. AROP 5.25 FPH, WOB 14, ROTARY 55 RPM
	10:30 - 13:30	3.00	TRP	10	PUMP DRY PILL AND TOOH W/ MILL TOOTH BIT AND JUNK BASKET. BREAK OUT BIT AND EMPTY JUNK BASKET. FOUND MOST ALL OF 1" BRASS VALVE AND 1/4" PIPE NIPPLE.
	13:30 - 14:30	1.00	RIG	2	WORKED ON ROTARY TABLE TORQUE GAUGE, CROWN-O-MATIC AND IRON ROUGH NECK.
	14:30 - 15:00	0.50	RIG	1	SERVICE AND LUBRICATE RIG.
	15:00 - 18:00	3.00	TRP	2	TIH W/ BHA#3
	18:00 - 18:30	0.50	REAM	1	WASH AND REAM 10' OF FILL TO BOTTOM @ 3,297.
	18:30 - 06:00	11.50	DRL	1	DRILL F/3,297' T/3,552' (255') AROP 22.1 FPH, WOB 4/8K, 360 GPM, MOTOR 102 RPM, ROTARY 35 RPM. NOTE: 19:30 HRS STARTED MUDDING UP. SHAKERS NOT KEEPING UP WITH 120 SCREENS INSTALLED. HAVING TO WASH SCREEN EVERY 10 MINUTES TO KEEP FROM RUNNING OVER. LOOKS LIKE SHAKER ARE RUNNING BACKWARDS. 1:30 PM #1 CHARGE PUMP WENT DOWN LEAVING ONLY #2 PUMP RUNNING. 112 SPM @ 309 GPM. HOLE LOADING UP WITH CUTTINGS AND SHAKERS NOT KEEPING UP. SLOW ROP DOWN TO 20 AFPH JUST TRYING TO MAINTAIN ROP AND CUTTINGS TREATMENT. CALLED SWACO AND ELECTRICAIN.
3/20/2008	06:00 - 14:00	8.00	DRL	1	DRILL F/ 3552, T3832' (280') AROP 35.0 FPH, WOB 6/10K, SPM 133 @ 371 GPM, 966 PSI, MOTOR RPM 105, ROTARY 41
	14:00 - 14:30	0.50	SUR	1	DEVIATION SURVEY @ 3,770'. 0.7 INC. 149.64 AZM.
	14:30 - 15:00	0.50	DRL	1	DRILL F/3,832' T/3,864' (32') AROP 64 FPH, WOB 11.5K, SPM 68/68, 408 GPM, 1122 PSI, MOTOR RPM 116, ROTARY 38
	15:00 - 15:30	0.50	RIG	1	RIG SERVICE & LUBRICATE
	15:30 - 16:00	0.50	RIG	2	REPAIR SHALE SHAKERS. FOUND WEIGHTS SET AT 80% AND ALL THREE MOTORS RUNNING IN REVERSE, ADJUSTED TO 100% AND CHANGED ROTATION. CHANGE SHAKE SCREEN. OLD SCREENS WORN OUT DUE TO REVERSE ROTATION.
3/21/2008	16:00 - 06:00	14.00	DRL	1	DRILL F/3,864' T/4360' (496') AROP 35.4 FPH, WOB 12.1K, SPM 71/71, 435 GPM, 1406 PSI, MOTOR RPM 123.9, ROTARY 40, DIFF PRES 205 PSI. NOTE: SHAKER MAX. FLOW RATING 450 GPM.
	06:00 - 15:30	9.50	DRL	1	DRILL 8 3/4" HOLE F/4,360' T/4,577' (217') AROP 22.8 FPH, WOB 12/16K, SPM 73/73, GPM 438, MOTOR 125 RPM, ROTARY 55 RPM,
	15:30 - 16:00	0.50	RIG	1	SERVICE AND LUBRICATE RIG.
	16:00 - 04:00	12.00	DRL	1	DRILL 8 3/4" HOLE F/4,577' T/4825' (248') AROP 20.6 FPH, WOB 16.5/17.5, SPM 73/73, GPM 438, MOTOR 125 RPM, ROTARY 38 RPM,
	04:00 - 04:30	0.50	SUR	1	DEVIATION SURVEY @ 4760' INC. 1.9 AZM 140.1
3/22/2008	04:30 - 06:00	1.50	DRL	1	DRILL 8 3/4" HOLE F/4,825' T/4,843' (18') AROP 12 FPH, WOB 17K, SPM 73/73, FPM 438, MOTOR 125 RPM, ROTARY 38 RPM.
	06:00 - 12:00	6.00	DRL	1	DRILL 8 3/4" HOLE F/4,843' T/4,972' (129') AROP 21.5 FPH, WOB 17.4, PSI 1289, SPM 71/74, GPM 435, MOTOR 124 RPM, ROTARY 43 RPM; CHANGE OUT RIG DE-SANDER - DE/SILTER AND INSTALL ZECO STAGE ONE SOLIDS CONTROL UNIT.
	12:00 - 12:30	0.50	RIG	2	REMOVE BELLY BOARD DUE TO NON-INSPECTED WELDS.
	12:30 - 16:00	3.50	DRL	1	DRILL 8 3/4" HOLE F/4,972' T/5,041' (69') AROP 19.7 FPH, WOB 16/18, PSI 1201, SPM 72/74, GPM 438.9, MOTOR 125 RPM, ROTARY 50 RPM.
	16:00 - 16:30	0.50	RIG	1	SERVICE & LUBRICATE RIG
16:30 - 18:00	1.50	DRL	1	DRILL 8 3/4" HOLE F/5,041' T/5,072' (31') AROP 20.6 FPH, WOB 13.5, PSI 1218, SPM 71/74, GPM 435, MOTOR 124 RPM, ROTARY 45 RPM	

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/22/2008	18:00 - 19:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP PRIOR TO TOOH.	
	19:00 - 19:30	0.50	SUR	1	SURVEY @ 5,026' INC 2.3, AZM 157.64 NOTE: DUMP SAND TRAPS.	
	19:30 - 20:00	0.50	CIRC	1	PUMP DRY PILL AND STAND KELLY BACK	
	20:00 - 22:30	2.50	TRP	2	TOOH W/ DP AND HWDP.	
	22:30 - 03:00	4.50	TRP	1	SAFETY MEETING WITH ALL CREWS, R/U FRANK'S TO L/D DRILL COLLAR AND L/D 15JTS. 6 1/4" DC, MONEL, 2EA. IBS, MUD MOTOR AND BIT, R/D FRANK'S	
3/23/2008	03:00 - 06:00	3.00	TRP	1	P/U & M/U PATHFINDER DIRECTIONAL BHA	
	06:00 - 09:00	3.00	TRP	2	SAFETY MEETING W/ CREW, FUNCTION TEST CROWN-O-MATIC FINISH TIH W/ DRILL PIPE.	
	09:00 - 09:30	0.50	TRP	2	TALLEY 411' OF 4 1/2", 16.6#, X-95, XH, DP TO REPLACE FOOTAGE FOR DC'S LAID DOWN.	
	09:30 - 10:30	1.00	RIG	2	REPAIR ROTARY TABLE COVER PLATE; LIFT OFF COVER AND ADD SPACERS TO RAISE COVER OFF ROTARY.	
	10:30 - 11:30	1.00	TRP	2	PU REPLACEMENT FOOTAGE.	
	11:30 - 12:00	0.50	SUR	1	DEVIATION SURVEY W/ MWD @ 5027 INC. 2.2, AZM 155.24	
	12:00 - 12:30	0.50	DRL	2	WASH & REAM F/5,066' T/5,072 (6') ROTATE F/5,072' T/ 5,076' (4'), WOB 2.5K, 870 PSI, SPM 72/74, GPM 439, MOTOR 127 RPM. ROTARY 39.	
	12:30 - 14:30	2.00	DRL	2	SLIDE F/5,076 T/5,094 (18') AROP 9' FPH, WOB 4.9K, 765 PSI, SPM 72/74, GPM 439, MOTOR 127 RPM.	
	14:30 - 15:00	0.50	SUR	1	CONNECTIONS AND SURVEY @ 5,094', INC. 2.2, AZM. 164.89	
	15:00 - 17:30	2.50	DRL	2	SLIDE F/5,094' T/5,125' (31') AROP 12.4 FPH, WOB 4.3K, 801 PSI, SPM 73/74, GPM 442, MOTOR 128 RPM.	
	17:30 - 18:00	0.50	SUR	1	CONNECTION & SURVEY @ 5,080' INC.1.85, AZM 145.46	
	18:00 - 20:00	2.00	DRL	2	SLIDE F/5,125' T/5,154' (29') AROP 14.5 FPH, WOB 5.4K, 1119 PSI, SPM 69/73, GPM 426, MOTOR 123 RPM.	
	20:00 - 20:30	0.50	SUR	1	REPROGAM MWD; SURVEY / TOOLFACE UPDATE. MAKE CONNECTION.	
	20:30 - 00:30	4.00	DRL	2	SURVEY@ 5,111' INC 2.11, AZM 108.73. SLIDE F/5,154' T/5,187' (33') AROP 8.2 FPH, WOB 4K, 987 PSI, SPM 72/73, GPM 432, MOTOR 125 RPM.	
	00:30 - 01:00	0.50	SUR	1	CONNECTION & SURVEY @ 5,142' INC.3.08, AZM 88.44	
	01:00 - 05:00	4.00	DRL	2	SLIDE F/5,187' T/5,218' (31') AROP 7.75 FPH, WOB 5K, 987 PSI, SPM 72/73, GPM 432, MOTOR 125 RPM.	
	3/24/2008	05:00 - 05:30	0.50	SUR	1	CONNECTION & SURVEY @ 5,173' INC 4.22, AZM 79.46
		05:30 - 06:00	0.50	DRL	2	SLIDE F/5,218' T/ 5,223' (5') ROP 4.3, WOB 1K, 957 PSI, SPM 79/73, GMP
06:00 - 07:00		1.00	DRL	2	SLIDE F/5,223' T/5,232' (9')	
07:00 - 07:30		0.50	CIRC	1	CLEANED SHAKER SCREENS AND CIRCULATE TO CONDITION MUD. MUD GOING OVER SHAKER, LOST 48 BBLs OVER SHAKER, WASHING W/ HOSE TO CLEAN SCREENS THE ENTIRE TIME.	
07:30 - 10:00		2.50	DRL	2	SLIDE F/5,232' T/5,249 (17') AROP 6.8 FPH, WOB 2K, 841 PSI, SPM 73/73, GPM 328.5, MOTOR 95 RPM.	
10:00 - 10:30		0.50	SUR	1	SURVEY @5,204' INC 5.63, AZM 78.4	
10:30 - 14:00		3.50	TRP	10	PUMP SWEEP WEIGHT DRY PILL, STAND BACK KELLY, TOOH, STRING PULLED WET AFTER FIRST ROW.	
14:00 - 15:00		1.00	TRP	1	BROKE OUT AND LAY DOWN BIT #4, CHECKED MWD ALLINEMENT, MADE UP BIT #5, TIH AND SHALLOW-TEST MOTOR. FOUND ASSEMBLY PRESSURED UP.	
15:00 - 17:30		2.50	TRP	1	PULLED BACK OUT, BROKE OUT BIT, MOTOR AND FLOAT, FOUND PACKED OFF WITH SWEEP WEIGHT MATERIAL USED IN DRY PILL. CHECKED MONEL AND MWD, CLEANED OUT FLOAT, LAID DOWN MOTOR. MU BIT #5.	
17:30 - 20:00		2.50	TRP	10	PATHFINDER MOTOR W/ 2.12 ADJ BEND. SCRIBE AND ORIENT. SHALLOW TEST MOTOR, TIH, FILL PIPE AT TOP OF HWDP AND EVERY 2000'. TO 5,151'	

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/24/2008	20:00 - 20:30	0.50	DRL	3	PICK UP KELLY & CALIBRATE MWD DEPTH
	20:30 - 21:00	0.50	REAM	1	WASH & REAM F/5,151' TO 5,249' (98') NO FILL
	21:00 - 21:30	0.50	DRL	1	ROTATE DRILL F/5,249' TO 5,251' (2')
	21:30 - 00:00	2.50	DRL	2	SLIDE F/5,251' T/5,282 (31') AROP 12.4 FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
	00:00 - 00:30	0.50	SUR	1	SURVEY @5,235' INC 7.30, AZM 79.11
	00:30 - 02:00	1.50	DRL	2	SLIDE F/5,282' T/5,313' (31') AROP 20.6 FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
	02:00 - 02:30	0.50	SUR	1	SURVEY @5,266' INC 10.29, AZM 79.02
	02:30 - 04:30	2.00	DRL	2	SLIDE F/5,313' T/5,344' (31') AROP 15.5 FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
	04:30 - 05:00	0.50	SUR	1	SURVEY @ 5,297, INC 14.25, AZM 78.23
	05:00 - 06:00	1.00	DRL	2	SLIDE F/5,344' T/5,360' (16') AROP FPH, WOB 16K, 1190 PSI, SPM 70/73, GPM 423, MOTOR 123 RPM.
3/25/2008	06:00 - 07:00	1.00	DRL	2	SLIDE 8 3/4" HOLE F/5,360' T/5,375' (15') AROP 15 FPH, WOB 18.7, 1222 PSI, 438 GPM, 127 RPM.
	07:00 - 07:30	0.50	SUR	1	CONNECTION & SURVEY @ 5,328, INC. 18.03, AZM 77.88, BUILD RATE 12.19
	07:30 - 08:30	1.00	DRL	2	SLIDE 8 3/4" HOLE F/5,375' T/5,406' (31') AROP 31 FPH, WOB 22K, 1300 PSI, 447 GPM, 129 RPM
	08:30 - 09:00	0.50	SUR	1	CONNECTION & SURVEY @ 5,359', INC. 21.54, AZM 76.21, BUILD RATE 11.32
	09:00 - 11:00	2.00	DRL	2	SLIDE 8 3/4" HOLE F/5,406' T/5,437' (31') AROP 15.5 FPH, WOB 24K, 1337 PSI, 443 GMP, 128 RPM
	11:00 - 11:30	0.50	RIG	1	SERVICE AND LUBRICATE RIG
	11:30 - 12:00	0.50	SUR	1	SURVEY @ 5,390' INC. 24.27', AZM 76.01, BUILD RATE 8.31, CIRCULATE BOTTOMS UP
	12:00 - 15:30	3.50	TRP	2	TOOH TO CHANGE MOTOR ANGLE FROM 2.12 TO 2.75 DEGREES. NEED 17.69 BUILD ANGLE TO ENTER TVD @ 5,590', INC. 86.5, 60 AZM.
	15:30 - 17:30	2.00	DRL	3	L/D BIT #5, FOUND 8 INSERT CUTTERS MISSING. BREAK MOTOR AND RESET ANGLE FROM 2.12 TO 2.75 DEGREES. SCRIBE TOOL FACE AND MAKE UP BIT #6, SMITH FH-30 W/ 3-16'S.
	17:30 - 18:30	1.00	TRP	2	TIH W/ DIRECTIONAL DRILLING EQUIPMENT. VERY TIGHT THROUGH STACK AND DOWN CASING TO 450'.
	18:30 - 19:00	0.50	TRP	2	SHALLOW TEST MWD, LOOKED GOOD.
	19:00 - 19:30	0.50	TRP	2	TIH TO 1097 AND TAGGED TIGHT SPOT,
	19:30 - 21:00	1.50	TRP	2	ATTEMPT TO WORK MOTOR AND BIT THROUGH TIGHT SPOT
	21:00 - 22:00	1.00	CIRC	1	WORK PIPE AND WASH FROM 1,092' TO 1,129'.
	22:00 - 01:00	3.00	TRP	2	TIH F/1,129, TO 5,406'
01:00 - 01:30	0.50	REAM	1	WASH F/5,406' TO 5,437' (31')	
01:30 - 03:30	2.00	DRL	2	SLIDE 8 3/4" HOLE F/5,437' T/5,468' (31') AROP 15.5 FPH, WOB 16K, 1260 PSI, 434 GMP, 126 RPM	
03:30 - 04:00	0.50	SUR	1	SURVEY @ 5,421' INC. 27.08, AZM 74.88	
04:00 - 06:00	2.00	DRL	2	SLIDE 8 3/4" HOLE F/5,468' T/5,488' (20") AROP FPH, WOB 24K, 1260 PSI, 434 GMP, 126 RPM	
3/26/2008	06:00 - 06:30	0.50	DRL	2	SLIDE F/5,488' T/5,499' (11') AROP 11 FPH, WOB 23.9K, PSI 1287, SPM 72/74, GPM 438, MOTOR 127 RPM.
	06:30 - 07:00	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,452' INC 30.95, AZM 74.37
	07:00 - 09:30	2.50	DRL	2	SLIDE F/5,499' T/5,530' (31') AROP 12.4 FPH, WOB 24K, PSI 1304, SPM 73/76, GPM 447, MOTOR 129.6 RPM.
	09:30 - 10:00	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,483', INC 36.67, AZM 73.88
	10:00 - 11:30	1.50	DRL	2	SLIDE F/5,530' T/5,561' (31') AROP 20 FPH, WOB 38K, PSI 1361, SPM 72/77, GPM 446, MOTOR 129 RPM.
	11:30 - 12:00	0.50	RIG	1	SERVICE AND LUBRICATE RIG
	12:00 - 12:30	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,514', INC 42.65, AZM 75.98

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/26/2008	12:30 - 15:00	2.50	DRL	2	SLIDE F/5,561' TO 5,592' (31') AROP 12.4 FPH, WOB 40K, PSI 1298, SPM 73/76, GPM 447, MOTOR 129 RPM
	15:00 - 15:30	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,545', INC 48.01, AZM 76.10
	15:30 - 18:30	3.00	DRL	2	SLIDE F/5,592' T/5,623' (31') AROP 10.3 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	18:30 - 19:00	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,576', INC 54.08, AZM 72.60
	19:00 - 22:30	3.50	DRL	2	SLIDE F/5,623' T/5,654' (31') AROP 8.8 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	22:30 - 23:00	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,607', INC 60.50, AZM 73.40
	23:00 - 03:00	4.00	DRL	2	SLIDE F/5,654' T/5,685' (31') AROP 7.7 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	03:00 - 03:30	0.50	SUR	1	MAKE CONNECTION AND SURVEY @ 5,638', INC 66.74, AZM 73.02
	03:30 - 06:00	2.50	DRL	2	SLIDE F/5,685' T/5,703' (18') AROP 7.2 FPM, WOB 42K, PSI 1258, SPM 72/75, GMP 441, MOTOR 122 RPM
	3/27/2008	06:00 - 07:30	1.50	DRL	2
07:30 - 08:00		0.50	DRL	2	CONNECTION SURVEY @ 5668 INC 72.90 AZ 72.84 TVD 5558.76
08:00 - 11:30		3.50	DRL	2	DRLG SLIDE F/5715 T/ 5746 (31 FT 3.5 HRS)
11:30 - 12:00		0.50	DRL	2	CONNECTION SURVEY @ 5699 INC 79.32 AZ 70.00 TVD 5576.53
12:00 - 13:00		1.00	DRL	2	DRLG SLIDE F/5746 T/ 5757 TD (11 FT 1 HR)
13:00 - 13:30		0.50	DRL	2	DEVIATION SURVEY @ 5710 INC 81.95 AZ 70.92 TVD 5578.32
13:30 - 15:30		2.00	TRP	14	SHORT TRIP 10 STANDS. HOLE IN GOOD CONDITION
15:30 - 16:30		1.00	CIRC	1	CIRCULATE HOLE AND RIG UP FRANKS WESTATE LAY DOWN SERVICE
16:30 - 17:30		1.00	TRP	3	HOLD SAFETY MEETING WITH FRANK CREW LAY DOWN 5 JOINTS HOLE TIGHT, PICK UP KELLY CIRCULATE AND WORK
17:30 - 18:00		0.50	TRP	3	TIGHT HOLE, PULL THROUGH TIGHT SPOT 2 TIMES WITHOUT PUMP
18:00 - 20:30		2.50	TRP	3	CREW CHANGE HOLD SAFETY MEETING WITH FRANK CREW
20:30 - 21:00		0.50	RIG	2	LAY DOWN DRILL PIPE
21:00 - 00:30		3.50	TRP	3	SLIPS STUCK IN ROTARY BUSHING
00:30 - 01:30		1.00	TRP	1	LAY DOWN DRILL PIPE
01:30 - 03:30	2.00	CSG	1	LAY DOWN BHA CLEAN UP RIG FLOOR, RIG UP CASING CREW, HANG ELECTRIC STABBING BOARD, SAFETY MEETING	
3/28/2008	03:30 - 06:00	2.50	CSG	2	RUN 7" 26LB LTC HCP-1 CASING
	06:00 - 10:00	4.00	CSG	2	RUN 7" CASING TAGGED BRIDGE AT 5540
	10:00 - 11:30	1.50	CSG	2	WORK CASING DOWN F/5540 T/5570
	11:30 - 13:00	1.50	CSG	2	RIG UP CIRCULATING SWEDGE AND WASH CASING DOWN
	13:00 - 13:30	0.50	CSG	2	RUN 7" CASING TO BOTTOM
	13:30 - 14:30	1.00	CMT	1	RIG UP HALIBURTON TO CEMENT
	14:30 - 16:30	2.00	CIRC	1	CIRCULATE HOLE AND CONDITION MUD
	16:30 - 19:00	2.50	CMT	2	HOLD SAFETY MEETING W/HALLIBURTON, CEMENT, BUMP PLUG HOLD 1500PSI FOR 10 MIN
	19:00 - 19:30	0.50	CMT	1	RIG DOWN HALIBURTON
	19:30 - 21:00	1.50	BOP	1	NIPPLE DOWN STACK TO SET CASING SLIPS
3/29/2008	21:00 - 01:30	4.50	CSG	7	PICK UP STACK, SET 7" CASING SLIPS AND CUT OFF EXCESS CASING, INSTALL 7" SLIP OVER WEAR BUSHING
	01:30 - 03:30	2.00	BOP	1	NIPPLE UP BOPE
	03:30 - 05:00	1.50	RIG	2	COULD NOT BREAK KELLY DOWN IN HOLE, WOULD NOT FIT IN 7", PULLED
	05:00 - 06:00	1.00	BOP	1	MOUSE HOLE AND GOT KELLY BROKE
	06:00 - 08:30	2.50	LOC	4	REPLACE 4.5 PIPE RAMS WITH 3.5 PIPE RAMS,
	08:30 - 11:00	2.50	BOP	1	RIG UP 3.5 KELLY
	11:00 - 11:30	0.50	LOC	4	CHANGE OUT 4.5 PIPE RAMS TO 3.5 PIPE RAMS
11:30 - 14:00	2.50	BOP	2	TORQUE 3.5 KELLY TEST BOPE, KELLY AND SAFETY VALVES TO 250/3000	

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/29/2008	14:00 - 16:30	2.50	TRP	1	STRAP AND PICK UP BHA	
	16:30 - 17:30	1.00	TRP	2	KELLY UP AND INSTALL ROTARY BUSHING, SHALLOW TEST MWD, MM, TEST GOOD	
	17:30 - 01:30	8.00	TRP	1	PICK UP DRILL PIPE. TAG BOTTOM AT 5710	
	01:30 - 02:30	1.00	TRP	2	RIG DOWN LAYDOWN CREW	
	02:30 - 04:00	1.50	RIG	1	SLIP AND CUT DRILLING LINE	
	04:00 - 05:00	1.00	SEQ	1	PU KELLY, INSTALL ROT RUBBER, TORQUE KELLY	
	05:00 - 06:00	1.00	DRL	4	DRILL OUT FLOAT CEMENT	
	3/30/2008	06:00 - 06:30	0.50	DRL	1	ROTATE F/5757 T/5767 PERFORM FIT TEST (10 FT 0.5 HR) FIT TEST TO 300 PSI BLEED OFF 90 PSI IN 5 MIN.
		06:30 - 07:00	0.50	DRL	1	ROTATE F/5767 T/5779 (12 FT 0.5 HR)
		07:00 - 07:30	0.50	SUR	1	CONNECTION SURVEY @ 5729 INC 85.30 AZ CASING INTERFERENCE
07:30 - 08:00		0.50	DRL	1	ROTATE F/5779 T/5811 (32 FT 0.5 HR)	
08:00 - 09:30		1.50	RIG	2	WORK ON MUD PUMPS	
09:30 - 10:00		0.50	DRL	1	ROTATE F/5811 T/5842 (31 FT 0.5 HR)	
10:00 - 10:30		0.50	SUR	1	CONNECTION SURVEY @ 5792 INC 89.96 AZ CASING INTERFERENCE	
10:30 - 11:30		1.00	DRL	1	ROTATE F/5842 T/5874 (32 FT 1 HR)	
11:30 - 12:00		0.50	SUR	1	CONNECTION SURVEY @ 5824 INC 90.13 AZ 73.96	
12:00 - 14:00		2.00	DRL	2	SLIDE F/5874 T/5886 (12 FT 2 HR)	
14:00 - 14:30		0.50	DRL	1	ROTATE F/5886 T/5906 (20 FT 0.5 HR)	
14:30 - 15:00		0.50	RIG	1	RIG SERVICE	
15:00 - 15:30		0.50	SUR	1	CONNECTION SURVEY @ 5856 INC 90.40 AZ 74.29	
15:30 - 16:00		0.50	DRL	1	ROTATE F/5906 T/5937 (31 FT 0.5 HR)	
16:00 - 16:30		0.50	SUR	1	CONNECTION SURVEY @ 5887 INC 91.01 AZ 72.11	
16:30 - 17:00		0.50	DRL	1	ROTATE F/5937 T/5969 (32 FT 0.5 HR)	
17:00 - 17:30		0.50	SUR	1	CONNECTION SURVEY @ 5969 INC 91.45 AZ 71.5	
17:30 - 18:00		0.50	DRL	1	ROTATE F/5969 T/5992 (23 FT 0.5 HR)	
18:00 - 20:30		2.50	DRL	2	SLIDE F/5992 T/5996 (4 FT 2.5HR)	
20:30 - 21:00		0.50	DRL	1	ROTATE F/5996 T/ 6000 (4 FT 0.5 HR)	
21:00 - 21:30		0.50	SUR	1	CONNECTION SURVEY @ 5950 INC 91.28 AZ 72.03	
21:30 - 22:00		0.50	DRL	1	ROTATE F/ 6000 T/ 6026 (26 FT 0.5 HR)	
22:00 - 00:00		2.00	DRL	2	SLIDE F/ 6026 T/ 6031 (5 FT 2 HR)	
00:00 - 00:30		0.50	DRL	1	ROTATE F/ 6031 T/ 6032 (1 FT 0.5 HR)	
00:30 - 01:00		0.50	SUR	1	CONNECTION SURVEY @ 5982 INC 91.28 AZ 71.86	
01:00 - 01:30		0.50	DRL	1	ROTATE F/ 6032 T/ 6063 (31 FT 0.5 HR)	
01:30 - 02:00		0.50	SUR	1	CONNECTION SURVEY @ 6013 INC 91.36 AZ 71.21	
02:00 - 02:30		0.50	DRL	1	ROTATE F/ 6063 T/6095 (32 FT 0.5 HR)	
02:30 - 03:00		0.50	SUR	1	CONNECTION SURVEY @ 6045 INC 91.19 AZ 70.08	
03:00 - 03:30		0.50	DRL	1	ROTATE F/6095 T/6100 (5 FT 0.5 HR)	
03:30 - 06:00		2.50	DRL	2	SLIDE F/6100 T/6107 (7 FT 2.5 HRS)	
3/31/2008		06:00 - 06:30	0.50	DRL	1	ROTATE F/6107 T/6127 (20 FT 0.5 HR)
		06:30 - 07:00	0.50	SUR	1	MAKE CONNECTION SURVEY @ 6077 INC 91.19 AZ 69.97
		07:00 - 07:30	0.50	DRL	1	ROTATE F/6127 T/6158 (31 FT 0.5 HR)
	07:30 - 08:00	0.50	SUR	1	RIG SERVICE, MAKE CONNECTION, SURVEY @ 6108 INC 89.52 AZ 68.91	
	08:00 - 09:00	1.00	TRP	14	SHORT TRIP INTO SHOE	
	09:00 - 10:00	1.00	DRL	2	SLIDE F/ 6158 T/ 6162 (4 FT 1 HR)	
	10:00 - 10:30	0.50	DRL	1	ROTATE F/ 6162 T/ 6180 (18 FT 0.5 HR)	
	10:30 - 11:00	0.50	DRL	2	SLIDE F/ 6180 T/ 6184 (4 FT 0.5 HR)	
	11:00 - 11:30	0.50	DRL	1	ROTATE F/ 6184 T/ 6190 (6FT 0.5 HR)	
	11:30 - 12:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6140 INC 89.16 AZ 67.95	
	12:00 - 12:30	0.50	DRL	1	ROTATE F/ 6190 T/ 6195 (5FT 0.5HR)	
	12:30 - 14:30	2.00	DRL	2	SLIDE F/ 6195 T/ 6207 (12 FT 2 HR)	
	14:30 - 15:00	0.50	DRL	1	ROTATE F/ 6207 T/ 6222 (15 FT 0.5 HR)	

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/31/2008	15:00 - 15:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6172 INC 89.08 AZ 67.17	
	15:30 - 16:00	0.50	DRL	1	ROTATE F/ 6222 T/ 6253 (31 FT 0.5 HR)	
	16:00 - 16:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6203 INC 89.34 AZ 65.46	
	16:30 - 17:00	0.50	DRL	1	ROTATE F/ 6253 T/ 6270 (17 FT 0.5 HR)	
	17:00 - 19:00	2.00	DRL	2	SLIDE F/ 6270 T/6279 (9FT 2.5 HR)	
	19:00 - 19:30	0.50	DRL	1	ROTATE F/ 6279 T/ 6285 (6 FT 0.5 HR)	
	19:30 - 20:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @6235 INC 89.43 AZ 65.17	
	20:00 - 20:30	0.50	DRL	1	ROTATE F/ 6285 T/ 6290 (5 FT 0.5 HR)	
	20:30 - 21:00	0.50	SUR	1	SLIDE F/ 6290 T/ 6298 (8 FT 0.5 HR)	
	21:00 - 21:30	0.50	DRL	1	ROTATE F/ 6298 T/ 6316 (18 FT 0.5 HR)	
	21:30 - 22:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6266 INC 89.25 AZ 64.46	
	22:00 - 22:30	0.50	DRL	1	ROTATATE F/ 6316 T/ 6321 (5 FT 0.5 HR)	
	22:30 - 23:30	1.00	DRL	2	SLIDE F/ 6321T/ 6327 (6 FT 1 HR)	
	23:30 - 00:00	0.50	DRL	1	ROTATE F/ 6327 T/ 6348 (21 FT	
	00:00 - 00:30	0.50	SUR	1	MAKE CONNECTION. SURVEY @ 6298 INC 88.90 AZ 62.43	
	00:30 - 01:00	0.50	DRL	1	ROTATE F/ 6348 T/ 6353 (5 FT 0.5 HR)	
	01:00 - 01:30	0.50	DRL	2	SLIDE F/ 6353 T/ 6364 (11 FT 0.5 HR)	
	01:30 - 02:00	0.50	DRL	1	ROTATE F/ 6364 T/ 6380 (16 FT 0.5 HR)	
	02:00 - 02:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6329 INC 88.46 AZ 61.96	
	02:30 - 03:00	0.50	DRL	1	ROTATE F/ 6380 T/ 6385 (5 FT 0.5 HR)	
	03:00 - 04:00	1.00	DRL	2	SLIDE F/ 6385 T/ 6391 (6 FT 1.5 HR)	
	04:00 - 04:30	0.50	DRL	1	ROTATE F/ 6391 T/ 6411 (20 FT 0.5 HR)	
	04:30 - 05:00	0.50	DRL	1	MAKE CONNECTION, SURVEY @ 6361 INC 88.37 AZ 61.00	
	05:00 - 05:30	0.50	DRL	1	ROTATE F/ 6411 T/ 6424 (13 FT 0.5 HR)	
	05:30 - 06:00	0.50	DRL	2	SLIDE F/ 6424 T/ 6430 (6 FT 0.5 HR)	
	4/1/2008	06:00 - 06:30	0.50	DRL	2	SLIDE F/ 6430 T/ 6432 (2FT 0.5 HR)
		06:30 - 07:00	0.50	DRL	1	ROTATE F/ 6432 T/ 6443 (11 FT 0.5 HR)
07:00 - 07:30		0.50	SUR	1	MAKE CONNECTION. SURVEY @ 6393 INC 87.85 AZ 60.28	
07:30 - 08:00		0.50	DRL	1	ROTATE F/ 6443 T/ 6474 (31 FT 0.5 HR)	
08:00 - 08:30		0.50	SUR	1	MAKE CONNECTION, SURVEY@ 6424 INC 87.85 AZ 58.84	
08:30 - 09:00		0.50	DRL	1	ROTATE F/6474 T/ 6506 (32 FT 0.5 HR)	
09:00 - 09:30		0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6456 INC 88.29 AZ 58.17	
09:30 - 10:00		0.50	DRL	1	ROTATE F/ 6506 T/ 6512 (6 FT 0.5 HR)	
10:00 - 11:00		1.00	DRL	2	SLIDE F/ 6512 T/ 6516 (4 FT 1 HR)	
11:00 - 11:30		0.50	DRL	1	ROTATE F/ 6516 T/ 6538 (22 FT 0.5 HR)	
11:30 - 12:00		0.50	RIG	1	RIG SERVICE	
12:00 - 12:30		0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6488 INC 88.37 AZ 58.89	
12:30 - 14:30		2.00	DRL	2	SLIDE F/ 6538 T/ 6546 (8 FT 2 HR)	
14:30 - 15:00		0.50	DRL	1	ROTATE F/ 6546 T/ 6569 (23 FT 0.5 HR)	
15:00 - 15:30		0.50	SUR	1	MAKE CONNECTION SURVEY @ 6519 INC 88.72 AZ 58.70	
15:30 - 16:00		0.50	DRL	1	ROTATE F/ 6569 T/ 6574 (5 FT 0.5 HR)	
16:00 - 17:00		1.00	DRL	2	SLIDE F/ 6574 T/ 6578 (4 FT 1 HR)	
17:00 - 17:30		0.50	DRL	1	ROTATE F/ 6578 T/ 6601 (23 FT 0.5 HR)	
17:30 - 18:00		0.50	SUR	1	MAKE CONNECTION, SURVY @ 6551 INC 88.55 AZ 57.64	
18:00 - 18:30		0.50	DRL	1	ROTATE F/ 6601 T/ 6608 (7 FT 0.5 HR)	
18:30 - 19:30		1.00	TRP	14	SHORT TRIP 10 STDS	
19:30 - 20:00		0.50	REAM	1	TIGHT SPOT, KELLY UP, REAM AND WASH F/ 5975 T/ 6063	
20:00 - 20:30		0.50	TRP	14	FINISH SHORT TRIP IN HOLE	
20:30 - 22:30		2.00	DRL	2	SLIDE F/ 6608 T/ 6614 (6 FT 2 HR) POP OFF ON # 1 PUMP WASHED SWITCH TO #2 BARELY MINIMAL GPM.	
22:30 - 23:00		0.50	DRL	1	ROTATE F/ 6614 T/ 6632 (18 FT 0.5 HR) SWITCH TO #1 PUMP	
23:00 - 23:30		0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6582 INC 88.02 AZ 56.88	
23:30 - 00:00		0.50	DRL	1	ROTATE F/ 6632 T/ 6637 (5 FT 0.5 HR)	

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2008	00:00 - 01:00	1.00	DRL	2	SLIDE F/ 6637 T/ 6643 (6 FT 1 HR)
	01:00 - 01:30	0.50	DRL	1	ROTATE F/ 6643 T/ 6664 (21 FT 0.5 HR)
	01:30 - 02:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6614 INC 87.93 AZ 55.80
	02:00 - 02:30	0.50	DRL	1	ROTATE F/ 6664 T/ 6696 (32 FT 0.5 HR)
	02:30 - 03:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6646 INC 88.02 AZ 55.05
	03:00 - 03:30	0.50	DRL	1	ROTATE F/ 6696 T/ 6727 (31 FT 0.5 HR)
	03:30 - 04:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6670 INC 88.02 AZ 54.10
	04:00 - 04:30	0.50	DRL	1	ROTATE F/ 6727 T/ 6732 (5 FT 0.5 HR)
	04:30 - 05:30	1.00	DRL	2	SLIDE F/ 6732 T/ 6738 (6 FT 1HR)
	05:30 - 06:00	0.50	DRL	1	ROTATE 6738 T/ 6759 (21 FT 0.5 HR)
4/2/2008	06:00 - 06:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6709 INC 87.85 AZ 54.45
	06:30 - 07:00	0.50	DRL	1	ROTATE F/ 6759 T/ 6765 (6 FT 0.5 HR)
	07:00 - 10:00	3.00	DRL	2	SLIDE F/ 6765 T/ 6777 (12 FT 3 HR)
	10:00 - 10:30	0.50	DRL	1	ROTATE F/ 6777 T/ 6790 (13 FT 0.5 HR)
	10:30 - 11:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6740 INC 88.46 AZ 54.27
	11:00 - 12:00	1.00	DRL	1	ROTATE F/ 6790 T/ 6797 (7 FT 1 HR)
	12:00 - 14:00	2.00	DRL	2	SLIDE F/ 6797 T/ 6812 (15 FT 2 HR)
	14:00 - 14:30	0.50	DRL	1	ROTATE F/ 6812 T/ 6822 (10 FT 0.5 HR)
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE, MAKE CONNECTION, SURVEY @ 6772 INC 89.96 AZ 54.47
	15:00 - 15:30	0.50	DRL	1	ROTATE F/ 6822 T/ 6828 (6 FT 0.5 HR)
	15:30 - 16:30	1.00	DRL	2	SLIDE F/ 6828 T/ 6844 (16 FT 1 HR)
	16:30 - 17:00	0.50	DRL	1	ROTATE F/ 6844 T/ 6854 (10 FT 0.5 HR)
	17:00 - 17:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6804 INC 90.40 AZ 52.51
	17:30 - 19:00	1.50	DRL	1	ROTATE F/ 6854 T/ 6885 (31 FT 1.5 HR)
	19:00 - 19:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6835 INC 90.22 AZ 50.05
	19:30 - 20:00	0.50	DRL	1	ROTATE F/ 6885 T/ 6894 (9 FT 0.5 HR)
	20:00 - 21:00	1.00	DRL	2	SLIDE F/ 6894 T/ 6908 (14 FT 1 HR)
	21:00 - 21:30	0.50	DRL	1	ROTATE F/ 6908 T/ 6917 (9FT 0.5 HR)
	21:30 - 22:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6867 INC 90.48 AZ 48.56
	22:00 - 22:30	0.50	DRL	1	ROTATE F/ 6917 T/ 6925 (8FT 0.5 HR)
	22:30 - 00:30	2.00	DRL	2	SLIDE F/ 6925 T/ 6938 (13 FT 2 HR)
	00:30 - 01:00	0.50	DRL	1	ROTATE F/ 6938 T/6949 (11 FT 0.5 HR)
	01:00 - 01:30	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6899 INC 90.75 AZ 45.63
01:30 - 02:00	0.50	DRL	1	ROTATE F/ 6949 T/ 6955 (6 FT 0.5 HR)	
02:00 - 04:00	2.00	DRL	2	SLIDE F/ 6955 T/ 6972 (17 FT 2 HR)	
04:00 - 04:30	0.50	DRL	1	ROTATE F/ 6972 T/ 6980 (8 FT 0.5 HR)	
04:30 - 05:00	0.50	SUR	1	MAKE CONNECTION, SURVEY @ 6930 INC 43.50	
05:00 - 05:30	0.50	DRL	1	ROTATE F/ 6980 T/ 6985 (5 FT 0.5 HR)	
05:30 - 06:00	0.50	DRL	2	SLIDE F/ 6985 T/ 6993 (8 FT 0.5 HR)	
4/3/2008	06:00 - 10:00	4.00	DRL	2	SLIDE F/ 6993 T/ 7012 (19 FT)
	10:00 - 12:00	2.00	TRP	14	SHORT TRIP 15 STANDS INTO SHOE & BACK TO BOTTOM
	12:00 - 15:30	3.50	DRL	2	ROTATE F/ 7012 T/ 7017 (5FT .5HR) SLIDE F/ 7017 T/ 7044 (27 FT 3 HR)
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE, MAKE CONNECTION SURVEY @ 6994 INC 88.90 AZ 38.20
	16:00 - 22:30	6.50	DRL	2	ROTATE F/ 7044 T/ 7048 (4 FT 1 HR) SLIDE F/ 7048 T/ 7075 (27 FT 5.5 HR). MAKE CONNECTION, SURVEY @ 7025 INC 88.64 AZ 35.11
	22:30 - 23:30	1.00	DRL	1	ROTATE F/ 7075 T/ 7107 (32 FT)
	23:30 - 00:30	1.00	DRL	1	ROTATE F/ 7107 T/ 7139 (32 FT), MAKE CONNECTION, SURVEY @ 7089 INC 89.08 AZ 30.31 ROTATE F/ 7139 T/ 7145
	00:30 - 03:00	2.50	DRL	2	SLIDE F/ 7145 T/ 7157 (12 FT 2.5 HR)
	03:00 - 03:30	0.50	SUR	1	ROTATE F/ 7157 T/ 7171 (14 FT) MAKE CONNECTION, SURVEY @ 7121 INC 89.08 AZ 29.88
	03:30 - 05:00	1.50	DRL	1	ROTATE F/ 7171 T/ 7202 (31 FT), MAKE CONNECTION, SURVEY @ 7152 INC 89.25 AZ 28.85 ROTATE F/ 7202 T/7208 (6 ft)

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/3/2008	05:00 - 06:00	1.00	DRL	2	SLIDE F/ 7208 T/ 7215 (7 FT)
4/4/2008	06:00 - 07:00	1.00	DRL	2	SLIDE F/ 7215 T/ 7222 (7 FT)
	07:00 - 07:30	0.50	DRL	1	ROTATE F/ 7222 T/ 7234 (12 FT) MAKE CONNECTION, SURVEY @ 7184 INC 89.52 AZ 28.34
	07:30 - 08:30	1.00	DRL	1	ROTATE F/ 7234 T/ 7266 (32 FT) MAKE CONNECTION, SURVEY @ 7216 INC 88.37 AZ 26.34
	08:30 - 09:30	1.00	DRL	1	ROTATE F/ 7266 T/ 7298 (32 FT) MAKE CONNECTION, SURVEY @ 7248 INC 88.37 AZ 25.39
	09:30 - 10:30	1.00	DRL	1	ROTATE F/ 7298 T/ 7330 (32 FT) MAKE CONNECTION, SURVEY @ 7280 INC 88.02 AZ 25.27
	10:30 - 11:00	0.50	DRL	1	ROTATE F/ 7330 T/ 7361 (31 FT) MAKE CONNECTION, SURVEY @ 7311 INC 87.93 AZ 24.62
	11:00 - 11:30	0.50	DRL	1	ROTATE F/ 7361 T/ 7393 (32 FT) MAKE CONNECTION, SURVEY @ 7343 INC 87.67 24.90
	11:30 - 12:30	1.00	DRL	1	ROTATE F/ 7393 T/ 7425 (32 FT) MAKE CONNECTION, SURVEY @ 7375 INC 87.58 AZ 24.95
	12:30 - 13:00	0.50	DRL	1	ROTATE F/ 7425 T/ 7458 (33 FT) MAKE CONNECTION, SURVEY @ 7406 INC 87.41 AZ 24.75
	13:00 - 15:00	2.00	DRL	2	SLIDE F/ 7458 T/ 7464 (6 FT)
	15:00 - 15:30	0.50	DRL	1	ROTATE F/ 7464 T/ 7488 (14 FT)
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE, MAKE CONNECTION, SURVEY @ 7438 INC 87.32 AZ 25.17
	16:00 - 16:30	0.50	DRL	1	ROTATE F/ 7488 T/ 7520 (32 FT) MAKE CONNECTION, SURVEY @ 7470 INC 87.85 AZ 25.25
	16:30 - 17:30	1.00	DRL	1	ROTATE F/ 7520 T/ 7552 (32 FT) MAKE CONNECTION, SURVEY @ 7502 INC 87.85 AZ 25.11
	17:30 - 18:30	1.00	CIRC	1	CIRCULATE BOTOMS UP, HOLD SAFETY MEETING (TRIP PIPE SAFETY)
	18:30 - 00:00	5.50	TRP	2	TRIP OUT OF HOLE TO MOVE HWDP UP HOLE 17 STANDS, FUNCTION TEST CROWN OMATIC
	00:00 - 02:30	2.50	TRP	1	LAY DOWN MM. BIT, PICK UP NEW MM. BIT, ORIENT MWD, SHALLOW TEST MWD, GOOD
4/5/2008	02:30 - 06:00	3.50	TRP	2	TIH WITH NEW BHA, INSTALL ROT RUBBER
	06:00 - 08:00	2.00	TRP	2	TIH T/ 7360, HOLE BECAME TIGHT
	08:00 - 09:30	1.50	REAM	1	WASH AND REAM F/ 7360 T/ 7552, ROTATE F/ 7552 T/ 7560 (8 FT 0.5 HR)
	09:30 - 10:30	1.00	DRL	2	SLIDE F/ 7560 T/ 7568 (8 FT)
	10:30 - 12:00	1.50	DRL	1	ROATATE F/ 7568 T/ 7592 (24 FT) MAKE CONNECTION, SURVEY
	12:00 - 12:30	0.50	DRL	2	SLIDE F/ 7592 T/ 7596 (4 FT)
	12:30 - 15:30	3.00	DRL	1	ROTATE F/7596 T/ 7712 (116 FT) CONNECTION, SURVEY
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 02:00	10.00	DRL	1	ROTATE F/ 7712 T/8124 (412 FT) CONNECTIONS, SURVEYS EVERY CONNECTION
	02:00 - 06:00	4.00	FISH	6	WORK STUCK PIPE @8076 FT, PUMP 40BBL OF 90VISC SWEEPS EVERY HOUR
4/6/2008	06:00 - 15:00	9.00	FISH	6	WORK STUCK PIPE TO 100,000 OVER.WEIGHT ACTUAL 220,000, 80% @248,000
	15:00 - 16:00	1.00	SEQ	2	RIG UP HALLIBURTON TO PUMP ACID, HOLD SAFETY MEETING
	16:00 - 18:00	2.00	CIRC	3	SPOT 24 BBL OF 15% HYDROCHLORIC ACID IN 5BBL INCREMENTS ONCE IT GOT TO THE BIT, WORK PIPE DURING EACH PUMP AND AFTER EACH PUMP FOR 10 MINUTES, PIPE CAME FREE AFTER 24BBLs PASSED BIT
	18:00 - 19:00	1.00	TRP	14	SHORT TRIP OUT 6 STANDS T/ 7479
	19:00 - 19:30	0.50	CIRC	1	KELLY UP, CIRCULATE ACID OUT OF HOLE
	19:30 - 22:30	3.00	REAM	1	REAM AND WASH TO BOTTOM F/7479 T/ 8124
	22:30 - 03:30	5.00	DRL	1	ROTATE F/ 8124 T/ 8311CONNECTIONS, SURVEY EVERY CONNECTION(187 FT)

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations	
4/6/2008	03:30 - 04:30	1.00	CIRC	2	PUMP 4 LB/BBL 100 BBL LCM SWEEP. LOOSING 60 BBL/HR FOR 2HRS ROTATE F/8311 T/8346 CONNECTIONS, SURVEY EVERY CONNECTION (36 FT) SURVEY @ 8294 INC 88.29 AZ 28.15. LOOSING 30BBL/HR AT REPORT TIME	
	04:30 - 06:00	1.50	DRL	1		
4/7/2008	06:00 - 10:30	4.50	DRL	1	ROTATE F/ 8346 T/ 8504 SURVEY EVERY CONNECTION (158 FT)	
	10:30 - 11:30	1.00	TRP	14	SHORT TRIP T/ 7933	
	11:30 - 12:30	1.00	DRL	1	ROTATE F/ 8504 T/ 8536 SURVEY EVERY 3RD CONNECTION (32 FT)	
	12:30 - 14:30	2.00	REAM	1	REAMING/ WORK STUCK PIPE,PUMP 100 BBL 2% LCM SWEEP	
	14:30 - 17:00	2.50	DRL	1	ROTATE F/8536 T/ 8631 SURVEY EVERY 3RD CONNECTION (95 FT)	
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE	
	17:30 - 21:30	4.00	DRL	1	ROTATE F/ 8631 T/ 8821 SURVEY EVERY 3RD CONNECTION (190 FT)	
	21:30 - 22:30	1.00	CIRC	1	CIRCULATE SPOT 5PPG LCM SWEEP	
	22:30 - 23:30	1.00	TRP	14	SHORT TRIP T/ 8338	
	23:30 - 04:00	4.50	DRL	1	ROTATE F/ 8821 T/ 9000 TD @ 0400 (179 FT)	
	04:00 - 06:00	2.00	CIRC	1	CIRCULATE HIGH VISC SWEEP. CONDITION HOLE FOR SHORT TRIP TO SHOE	
	4/8/2008	06:00 - 09:30	3.50	TRP	14	SHORT TRIP 34 STANDS TO SHOE @ 5757
		09:30 - 10:30	1.00	REAM	1	WASH REAM TIGHT HOLE @ 7402
10:30 - 11:30		1.00	TRP	14	TIH. REAM 25 FOOT TO 9000 NO HOLE FILL	
11:30 - 14:00		2.50	CIRC	1	CIRCULATE. CONDITION HOLE	
14:00 - 15:00		1.00	TRP	2	POOH TO 8411	
15:00 - 17:00		2.00	CIRC	1	CIRCULATE. CONDITION MUD. WORK TIGHT HOLE F/8411 T/8350	
17:00 - 21:30		4.50	TRP	2	POOH T/ SURFACE TO RUN 4.5 LINER	
21:30 - 22:30		1.00	TRP	1	LAY DOWN BHA, BIT, FLOAT SUB, XO SUB, NMDC MWD, NMDC FLEX. MM DRAINED	
22:30 - 01:30		3.00	CSG	1	SAFETY MEETING. RIG UP WEATHERFORD CASING CREW, PICK UP MACHINE	
4/9/2008	01:30 - 06:00	4.50	CSG	4	RUN 4.5 PERFORATED LINER	
	06:00 - 07:30	1.50	CSG	4	RUN 4.5 PERFORATED LINER	
	07:30 - 08:30	1.00	CSG	1	RIG DOWN CASING CREW	
	08:30 - 11:00	2.50	TRP	2	TRIP IN 47 STANDS OF DRILL PIPE TO HANG LINER. LINER STACKED OUT AFTER MAKING A CONNECTION @4466', WOULD NOT COME UP OR GO DOWN WITHIN +/- 15,000LB OF STRING WEIGHT	
	11:00 - 11:30	0.50	CSG	4	SET LINER TOP @ 4466.33 FT. SHOE @ 8601'. 399' OFF BOTTOM	
	11:30 - 12:00	0.50	TRP	3	RIG UP LAY DOWN CREW	
	12:00 - 15:00	3.00	TRP	3	LAY DOWN 3.5 DRILL PIPE	
	15:00 - 15:30	0.50	TRP	3	LAY DOWN SMITH HANGER SET TOOL. LAY DOWN FLAG POLE	
	15:30 - 18:00	2.50	TRP	2	TRIP IN HOLE WITH 3.5 DRILL PIPE	
	18:00 - 22:00	4.00	TRP	3	RIG UP FLAG POLE, LAY DOWN 3.5 DRILL PIPE	
	22:00 - 22:30	0.50	TRP	3	BREAK DOWN KELLY	
	22:30 - 01:30	3.00	TRP	3	LAY DOWN HEAVY WATE DRILL PIPE. PULL WEAR BUSHING	
	01:30 - 02:30	1.00	TRP	3	RIG DOWN LAY DOWN CREW	
02:30 - 05:00	2.50	DEQ	2	RIG UP WIRELINE. RUN GUAGE RING/JUNK BASKET, RUN & SET WEATHERFORD WIRELINE RETRIEVABLE BRIDGE PLUG. COLLET LATCH 47 WRP-1005. BRIDGE PULG SET @ 3970 TOP OF CCL @ 3960		
4/10/2008	05:00 - 06:00	1.00			LAY DOWN KELLY	
	06:00 - 09:30	3.50	LOC	8	Clean mud tanks and equipment; Release Rig @ 9:30 AM	
	09:30 - 18:00	8.50	LOC	7	Rig down floor, pre-derrick inspection and lower derrick @ 14:30. Continue Rigging down Ensign #72.	
	18:00 - 06:00	12.00	LOC	4	Disconnect pump #1 for change out on Ensign time. Truck in on location w/ replacement #1 pump.	
4/11/2008	06:00 - 18:00	12.00	LOC	4	PREPARE TO MOVE ENSIGN 72 TO WV 16G-14-8-21. RD FLARE AND CHOKE LINES, SORT AND PREPARE TO LOAD EQUIPMENT. SHUT DOWN FOR NIGHT	

Operations Summary Report

Well Name: SSU 16G-4-8-21
 Location: 16- 11-S 21-E 6
 Rig Name: ENSIGN

Spud Date: 3/4/2008
 Rig Release: 4/9/2008
 Rig Number: 72

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/11/2008	06:00 - 18:00	12.00	LOC	4	NOTE: PRESPUD SAFETY MEETING FOR WV 16G-14-8-21

OPERATOR: **Questar Exploration & Production Co.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078 (435)781-4342

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
C	16742	13241	43-047-38415	SSU 16G 4 8 21	SESE	4	8S	21E	Uintah	2/25/08	4/27/2008 3/17/08 ✓

WELL 1 COMMENTS: **EXPANDED UNIT PARTICIPATING AREA. GRRV**

BHL = Sec 3 SENW

— 6/22/10

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

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

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

(3/89)


Signature

Office Administrator 6/11/10
Title Date

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

RECEIVED

JUN 14 2010

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

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

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		9. API NUMBER: Attached
PHONE NUMBER: (303) 672-6900		10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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 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

4304738415
SSU 16G-4-8-21
4 T8S R21E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



TAKE PRIDE
IN AMERICA

RECEIVED

JUN 15 2010

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO
3180
UT-922

June 7, 2010

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

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

Dear Mr. Koeniger:

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

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

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

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

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

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

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

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

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

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

LWilcken:lw:(06/07/10)