



Kerr-McGee Oil & Gas Onshore LP
1999 Broadway, Suite 3700
Denver, CO 80205

September 19, 2007

Mrs. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

Re: Directional Drilling R649-3-11
NBU 922-18J1S
T9S R22E
Section 18: NWSE
NWSE 1447' FSL, 2572' FEL (surface)
NWSE 2062' FSL, 1665' FEL (bottom hole)
Uintah County, Utah

Dear Mrs. Mason:

Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 922-18J1S is located within the Natural Buttes Unit area.
- Kerr-McGee is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to utilize the existing road and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore and the W/2, W/2NE/4 and SE/4 of Section 18 (federal leases USA UTU-0359, USA-UTU 0359-A and USA-UTU 0461).

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit be granted pursuant to R649-3-11.

Sincerely,

KERR-MCGEE OIL & GAS ONSHORE LP

James C. Colligan III
Landman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

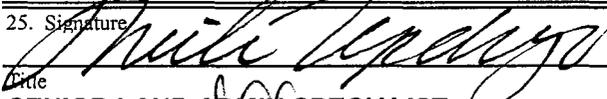
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0461
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 922-18J1S
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1447'FSL, 2572'FEL At proposed prod. Zone NW/SE 2062'FSL, 1665'FEL		9. API Well No. 43-047-398 45
14. Distance in miles and direction from nearest town or post office* 16.6 +/- MILES FROM OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1442'	16. No. of Acres in lease 601.96	11. Sec., T., R., M., or Blk, and Survey or Area SEC. 18, T9S, R22E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 9931'	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4861'GL	20. BLM/BIA Bond No. on file RLB0005239	13. State UTAH
22. Approximate date work will start* UPON APPROVAL		17. Spacing Unit dedicated to this well 40.00
23. Estimated duration TO BE DETERMINED		

24. Attachments

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

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | <ul style="list-style-type: none"> 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 office. |
|---|--|

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 11/16/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-03-07
Title ENVIRONMENTAL MANAGER		

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

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Surf

429539X
44322834
40.032724
-109.481777

BLM

629812X
44324764
40.034414
-109.478545

Federal Approval of this
Action is Necessary

RECEIVED

NOV 20 2007

DIV. OF OIL, GAS & MINING

**NBU 922-18J1S
NW/SE Sec. 18, T9S, R22E
UINTAH COUNTY, UTAH
UTU-0461**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1727'
Top of Birds Nest Water	2011'
Mahogany	2364'
Wasatch	4963'
Mesaverde	7650'
MVU2	8606'
MVL1	9103'
TVD	9720'
TD (MD)	9931'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1727'
	Top of Birds Nest Water	2011'
	Mahogany	2364'
Gas	Wasatch	4963'
Gas	Mesaverde	7650'
Gas	MVU2	8606'
Gas	MVL1	9103'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9931' TD, approximately equals 6157 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3972 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



**KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM**

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2700	36.00	J-55	LTC	3520	2020	453000
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9931	11.60	I-80	LTC	2.02	1.05	2.00

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 0.0 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3857 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
NOTE: If well will circulate water to surface, option 2 will be utilized							
SURFACE Option 2	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.51
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	7,141'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	780	60%	11.00	3.38
	TAIL	2,790'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	780	60%	14.30	1.31

*Substitute caliper hole volume plus 15% excess if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

- Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____ **DATE:** _____
 Brad Laney
DRILLING SUPERINTENDENT: _____ **DATE:** _____
 Randy Bayne



Weatherford[®]

Drilling Services

Proposal



ANADARKO - KERR MCGEE

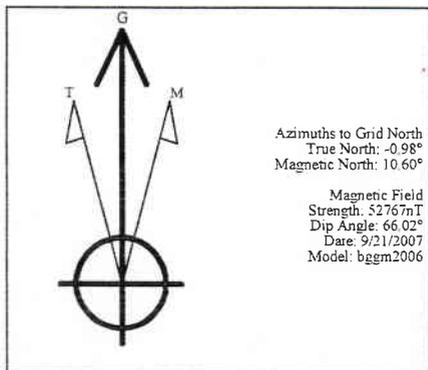
NBU 922-18J1S

UINTAH COUNTY, UTAH

WELL FILE: PLAN 2

DATE: OCTOBER 4, 2007

Weatherford International, Ltd.
15710 John F. Kennedy Blvd
Houston, Texas 77032 USA
+1.281.260.1300 Main
+1.281.260.4730 Fax
www.weatherford.com



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	54.82	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	54.82	300.00	0.00	0.00	0.00	54.82	0.00	
3	600.00	3.00	54.82	599.86	4.52	6.42	1.00	54.82	7.85	
4	660.00	3.00	54.82	659.78	6.33	8.98	0.00	0.00	10.99	
5	1260.00	0.00	54.82	1259.51	15.38	21.82	0.50	180.00	26.70	
6	2800.49	0.00	54.82	2800.00	15.38	21.82	0.00	234.82	26.70	
7	4000.49	30.00	54.82	3945.92	192.29	272.78	2.50	0.00	333.74	
8	4497.83	30.00	54.82	4376.62	335.56	476.03	0.00	0.00	582.41	
9	6497.83	0.00	54.82	6286.48	630.40	894.30	1.50	180.00	1094.16	
10	9931.35	0.00	54.82	9720.00	630.40	894.30	0.00	0.00	1094.16	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
18J1S	0.00	0.00	14541575.80	2065411.70	40°01'57.739N	109°28'54.419W	N/A

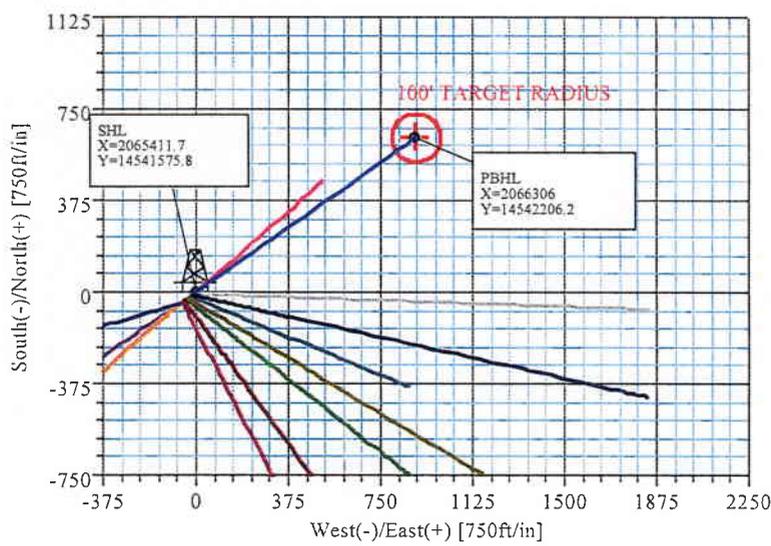
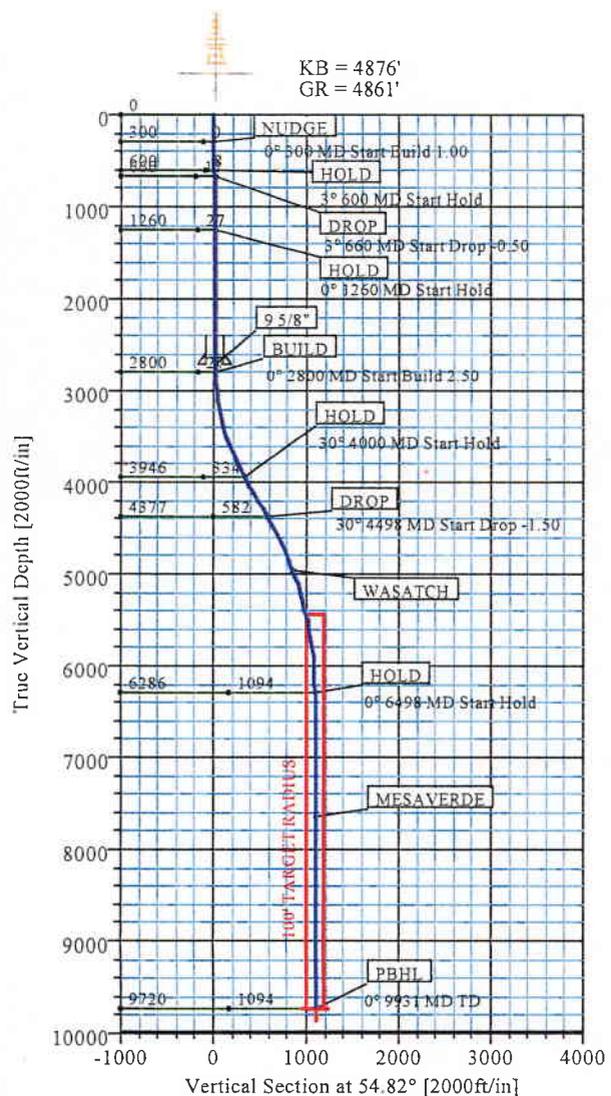
CASING DETAILS				
No.	TVD	MD	Name	Size
1	2700.00	2700.49	9 5/8"	9.62

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	4963.00	5146.33	WASATCH
2	7650.00	7861.35	MESAVERDE

FIELD DETAILS
 UTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)
 Geodetic System: Universal Transverse Mercator (USfeet)
 Ellipsoid: NAD27 (Clarke 1866)
 Zone: UTM Zone 12, North 114W to 108W
 Magnetic Model: bggm2006

System Datum: Mean Sea Level
 Local North: Grid North

LEGEND	
[Red]	18J1S (1)
[Orange]	18J3S (1)
[Yellow]	18N2AS (1)
[Green]	18N2CS (1)
[Blue]	18N2S (1)
[Purple]	18O1BS (1)
[Dark Blue]	18O1CS (1)
[Light Blue]	18O3AS (1)
[Light Green]	18O3DS (1)
[Light Purple]	18P2S (1)
[Light Blue-Gray]	18P3S (1)
[Black]	Plan #2 18J1S



Company: Anadarko-Kerr-McGee	Date: 10/4/2007	Time: 09:56:23	Page: 1
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference: Site: NBU 922-18J1S PAD IJNOP, Grid Nort		
Site: NBU 922-18J1S PAD IJNOP	Vertical (TVD) Reference: SITE 4876.0		
Well: 18J1S	Section (VS) Reference: Well (0.00N,0.00E,54.82Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #2 18J1S	Date Composed: 10/4/2007
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)

Map System: Universal Transverse Mercator (USfeet)	Map Zone: UTM Zone 12, North 114W to 108W
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: bggm2006

Site: NBU 922-18J1S PAD IJNOP

1447 FSL, 2572 FEL - SEC18 T9S R22E

Site Position:	Northing: 14541575.80 ft	Latitude: 40 1 57.739 N
From: Map	Easting: 2065411.70 ft	Longitude: 109 28 54.419 W
Position Uncertainty: 0.00 ft	North Reference: Grid	Grid Convergence: 0.98 deg
Ground Level: 4681.00 ft		

Well: 18J1S	Slot Name:
Well Position:	
+N/-S 0.00 ft	Northing: 14541575.80 ft
+E/-W 0.00 ft	Easting: 2065411.70 ft
Position Uncertainty: 0.00 ft	Latitude: 40 1 57.739 N
	Longitude: 109 28 54.419 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 9/21/2007	Above System Datum: Mean Sea Level
Field Strength: 52767 nT	Declination: 11.57 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 66.02 deg
ft	+N/-S
	+E/-W
	Direction
	deg
0.00	0.00
0.00	0.00
0.00	54.82

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	54.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	54.82	300.00	0.00	0.00	0.00	0.00	0.00	54.82	
600.00	3.00	54.82	599.86	4.52	6.42	1.00	1.00	0.00	54.82	
660.00	3.00	54.82	659.78	6.33	8.98	0.00	0.00	0.00	0.00	
1260.00	0.00	54.82	1259.51	15.38	21.82	0.50	-0.50	0.00	180.00	
2800.49	0.00	54.82	2800.00	15.38	21.82	0.00	0.00	0.00	234.82	
4000.49	30.00	54.82	3945.92	192.29	272.78	2.50	2.50	0.00	0.00	
4497.83	30.00	54.82	4376.62	335.56	476.03	0.00	0.00	0.00	0.00	
6497.83	0.00	54.82	6286.48	630.40	894.30	1.50	-1.50	0.00	180.00	
9931.35	0.00	54.82	9720.00	630.40	894.30	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
300.00	0.00	54.82	300.00	0.00	0.00	0.00	0.00	14541575.80	2065411.70	NUDGE
400.00	1.00	54.82	399.99	0.50	0.71	0.87	1.00	14541576.30	2065412.41	
500.00	2.00	54.82	499.96	2.01	2.85	3.49	1.00	14541577.81	2065414.55	
600.00	3.00	54.82	599.86	4.52	6.42	7.85	1.00	14541580.32	2065418.12	HOLD
660.00	3.00	54.82	659.78	6.33	8.98	10.99	0.00	14541582.13	2065420.68	DROP
700.00	2.80	54.82	699.73	7.50	10.64	13.02	0.50	14541583.30	2065422.34	
800.00	2.30	54.82	799.63	10.06	14.28	17.47	0.50	14541585.86	2065425.98	
900.00	1.80	54.82	899.57	12.12	17.20	21.04	0.50	14541587.92	2065428.90	
1000.00	1.30	54.82	999.53	13.68	19.41	23.75	0.50	14541589.48	2065431.11	
1100.00	0.80	54.82	1099.51	14.74	20.91	25.58	0.50	14541590.54	2065432.61	
1200.00	0.30	54.82	1199.51	15.29	21.69	26.54	0.50	14541591.09	2065433.39	
1260.00	0.00	54.82	1259.51	15.38	21.82	26.70	0.50	14541591.18	2065433.52	HOLD

Company: Anadarko-Kerr-McGee	Date: 10/4/2007	Time: 09:56:23	Page: 2
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18J1S PAD IJNOP, Grid Nort	
Site: NBU 922-18J1S PAD IJNOP	Vertical (TVD) Reference:	SITE 4876.0	
Well: 18J1S	Section (VS) Reference:	Well (0.00N,0.00E,54.82Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
1300.00	0.00	54.82	1299.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
1400.00	0.00	54.82	1399.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
1500.00	0.00	54.82	1499.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
1600.00	0.00	54.82	1599.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
1700.00	0.00	54.82	1699.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
1800.00	0.00	54.82	1799.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
1900.00	0.00	54.82	1899.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2000.00	0.00	54.82	1999.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2100.00	0.00	54.82	2099.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2200.00	0.00	54.82	2199.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2300.00	0.00	54.82	2299.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2400.00	0.00	54.82	2399.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2500.00	0.00	54.82	2499.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2600.00	0.00	54.82	2599.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2700.00	0.00	54.82	2699.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2700.49	0.00	54.82	2700.00	15.38	21.82	26.70	0.00	14541591.18	2065433.52	9 5/8"
2800.00	0.00	54.82	2799.51	15.38	21.82	26.70	0.00	14541591.18	2065433.52	
2800.49	0.00	54.82	2800.00	15.38	21.82	26.70	0.00	14541591.18	2065433.52	BUILD
2900.00	2.49	54.82	2899.48	16.63	23.59	28.86	2.50	14541592.43	2065435.29	
3000.00	4.99	54.82	2999.25	20.38	28.91	35.37	2.50	14541596.18	2065440.61	
3100.00	7.49	54.82	3098.65	26.64	37.79	46.24	2.50	14541602.44	2065449.49	
3200.00	9.99	54.82	3197.49	35.39	50.21	61.43	2.50	14541611.19	2065461.91	
3300.00	12.49	54.82	3295.56	46.62	66.14	80.92	2.50	14541622.42	2065477.84	
3400.00	14.99	54.82	3392.69	60.30	85.54	104.66	2.50	14541636.10	2065497.24	
3500.00	17.49	54.82	3488.70	76.41	108.40	132.62	2.50	14541652.21	2065520.10	
3600.00	19.99	54.82	3583.39	94.92	134.65	164.74	2.50	14541670.72	2065546.35	
3700.00	22.49	54.82	3676.59	115.79	164.26	200.96	2.50	14541691.59	2065575.96	
3800.00	24.99	54.82	3768.12	138.98	197.16	241.21	2.50	14541714.78	2065608.86	
3900.00	27.49	54.82	3857.81	164.45	233.29	285.42	2.50	14541740.25	2065644.99	
4000.00	29.99	54.82	3945.49	192.15	272.58	333.50	2.50	14541767.95	2065684.28	
4000.49	30.00	54.82	3945.91	192.29	272.78	333.74	2.50	14541768.09	2065684.48	HOLD
4100.00	30.00	54.82	4032.09	220.95	313.45	383.50	0.00	14541796.75	2065725.15	
4200.00	30.00	54.82	4118.69	249.76	354.32	433.50	0.00	14541825.56	2065766.02	
4300.00	30.00	54.82	4205.30	278.57	395.18	483.50	0.00	14541854.37	2065806.88	
4400.00	30.00	54.82	4291.90	307.38	436.05	533.50	0.00	14541883.18	2065847.75	
4497.83	30.00	54.82	4376.62	335.56	476.03	582.41	0.00	14541911.36	2065887.73	DROP
4500.00	29.97	54.82	4378.50	336.18	476.92	583.50	1.50	14541911.98	2065888.62	
4600.00	28.47	54.82	4465.78	364.31	516.81	632.31	1.50	14541940.11	2065928.51	
4700.00	26.97	54.82	4554.30	391.10	554.83	678.82	1.50	14541966.90	2065966.53	
4800.00	25.47	54.82	4644.01	416.55	590.93	722.99	1.50	14541992.35	2066002.63	
4900.00	23.97	54.82	4734.84	440.65	625.11	764.81	1.50	14542016.45	2066036.81	
5000.00	22.47	54.82	4826.74	463.36	657.33	804.23	1.50	14542039.16	2066069.03	
5100.00	20.97	54.82	4919.64	484.68	687.57	841.23	1.50	14542060.48	2066099.27	
5146.33	20.27	54.82	4963.00	494.08	700.91	857.54	1.50	14542069.88	2066112.61	WASATCH
5200.00	19.47	54.82	5013.48	504.59	715.82	875.79	1.50	14542080.39	2066127.52	
5300.00	17.97	54.82	5108.19	523.07	742.05	907.88	1.50	14542098.87	2066153.75	
5400.00	16.47	54.82	5203.70	540.13	766.24	937.48	1.50	14542115.93	2066177.94	
5500.00	14.97	54.82	5299.96	555.74	788.38	964.56	1.50	14542131.54	2066200.08	
5600.00	13.47	54.82	5396.90	569.89	808.45	989.12	1.50	14542145.69	2066220.15	
5700.00	11.97	54.82	5494.44	582.57	826.45	1011.14	1.50	14542158.37	2066238.15	
5800.00	10.47	54.82	5592.53	593.78	842.34	1030.59	1.50	14542169.58	2066254.04	
5900.00	8.97	54.82	5691.09	603.50	856.14	1047.47	1.50	14542179.30	2066267.84	
6000.00	7.47	54.82	5790.06	611.74	867.82	1061.76	1.50	14542187.54	2066279.52	

Company: Anadarko-Kerr-McGee	Date: 10/4/2007	Time: 09:56:23	Page: 4
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18J1S PAD IJNOP, Grid Nort	
Site: NBU 922-18J1S PAD IJNOP	Vertical (TVD) Reference:	SITE 4876.0	
Well: 18J1S	Section (VS) Reference:	Well (0.00N,0.00E,54.82Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2700.49	2700.00	9.62	12.25	9 5/8"

Annotation

MD ft	TVD ft	
300.00	300.00	NUDGE
600.00	599.86	HOLD
660.00	659.78	DROP
1260.00	1259.51	HOLD
2800.49	2800.00	BUILD
4000.49	3945.91	HOLD
4497.83	4376.62	DROP
6497.83	6286.48	HOLD
9931.35	9720.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
5146.33	4963.00	WASATCH		0.00	0.00
7861.35	7650.00	MESAVERDE		0.00	0.00

**Weatherford®****Weatherford Drilling Services**

GeoDec v4.1.130

Report Date: September 24, 2007
 Job Number: _____
 Customer: ANADARKO-KERR McGEE
 Well Name: NBU 922-18J1S
 API Number: _____
 Rig Name: _____
 Location: UNITAH COUNTY, UTAH
 Block: _____
 Engineer: R JOYNER

Universal Transverse Mercator	Geodetic Latitude / Longitude
System: Zone 12N (114 W to 108 W)	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)	Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866	Ellipsoid: Clarke 1866
North/South 14541575.800 USFT	Latitude 40 1 57.7389794 DMS
East/West 2065411.700 USFT	Longitude -109 28 54.4191250 DMS
Grid Convergence: .97674819°	
Total Correction: +10.5910°	

Geodetic Location WGS84	Elevation = 1482.0 Meters
Latitude = 40.03271° N	40° 1 min 57.739 sec
Longitude = 109.48178° W	109° 28 min 54.419 sec

Magnetic Declination =	+11.5680°	[True North Offset]	
Local Gravity =	.9995 g		
Local Field Strength=	52727 nT	Mag Vector X =	20994 nT
Dip =	66.0200°	Mag Vector Y =	4297 nT
Model File:	bggm2006	Mag Vector Z =	48176 nT
Spud Date:	Sep 24, 2007	Mag Vector H =	21430 nT

Signed: _____ Date: _____

**NBU 922-18J1S
NW/SE SEC. 18, T9S, R22E
UINTAH COUNTY, UTAH
UTU-0461**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

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

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.25 +/- miles of access road is proposed. Please refer to the attached Topo Map B.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 1633' +/- of 8" steel pipeline is proposed from the location to an existing pipeline. Refer to the attached Topo Map D.

Approximately 672' +/- of 4" steel pipeline needs to be re-route around the location. Refer to the attached Topo Map D

Approximately 636'+/- of 4" steel pipeline needs to be re-route around the location. Refer to the attached Topo Map D.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

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

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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.

Culverts will be installed where needed.

A run off diversion for drainage will be constructed where needed.

The reserve pit will be lined. When the reserve pit is closed the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

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

Please see the Natural Buttes SOP.

11. **Surface Ownership:**

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

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

12. **Other Information:**

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Upchego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

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 and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its 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.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bond #WYB000291 and State of Utah Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

11/2/2007

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #922-18J3S, J1S, 13S, P2S, O1BS, P3S, O1CS,
O3AS, O3DS, N2S, N2AS, N2CS
SECTION 18, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.6 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #922-18J3S, J1S, I3S, P2S, O1BS, P3S, O1CS, O3AS, O3DS, N2S, N2AS, N2CS

LOCATED IN UTAH COUNTY, UTAH
SECTION 18, T9S, R22E, S.L.B.&M.

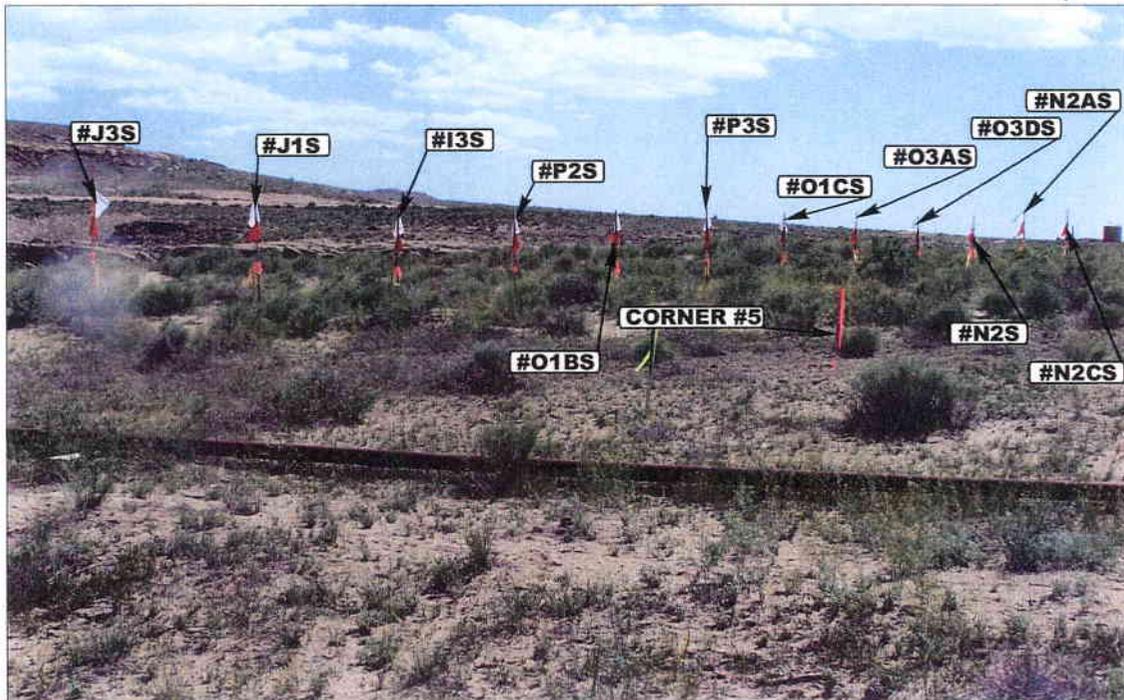


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

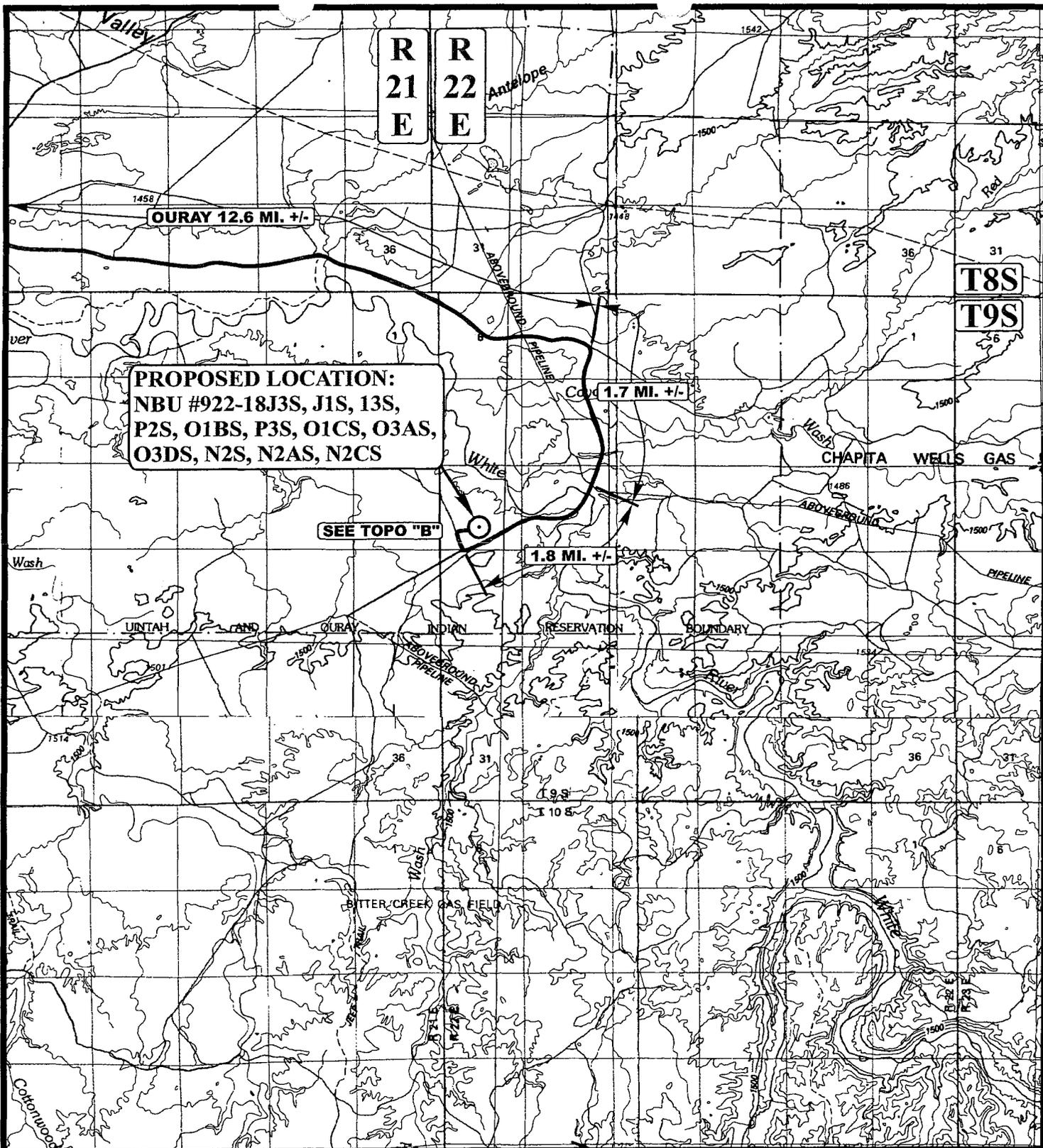
05 16 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

REVISED: 00-00-00



PROPOSED LOCATION:
 NBU #922-18J3S, J1S, 13S,
 P2S, O1BS, P3S, O1CS, O3AS,
 O3DS, N2S, N2AS, N2CS

SEE TOPO "B"

LEGEND:

○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #922-18J3S, J1S, 13S, P2S, O1BS, P3S, O1CS,
 O3AS, O3DS, N2S, N2AS, N2CS
 SECTION 18, T9S, R22E, S.L.B.&M.
 S 1/2



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



TOPOGRAPHIC
MAP

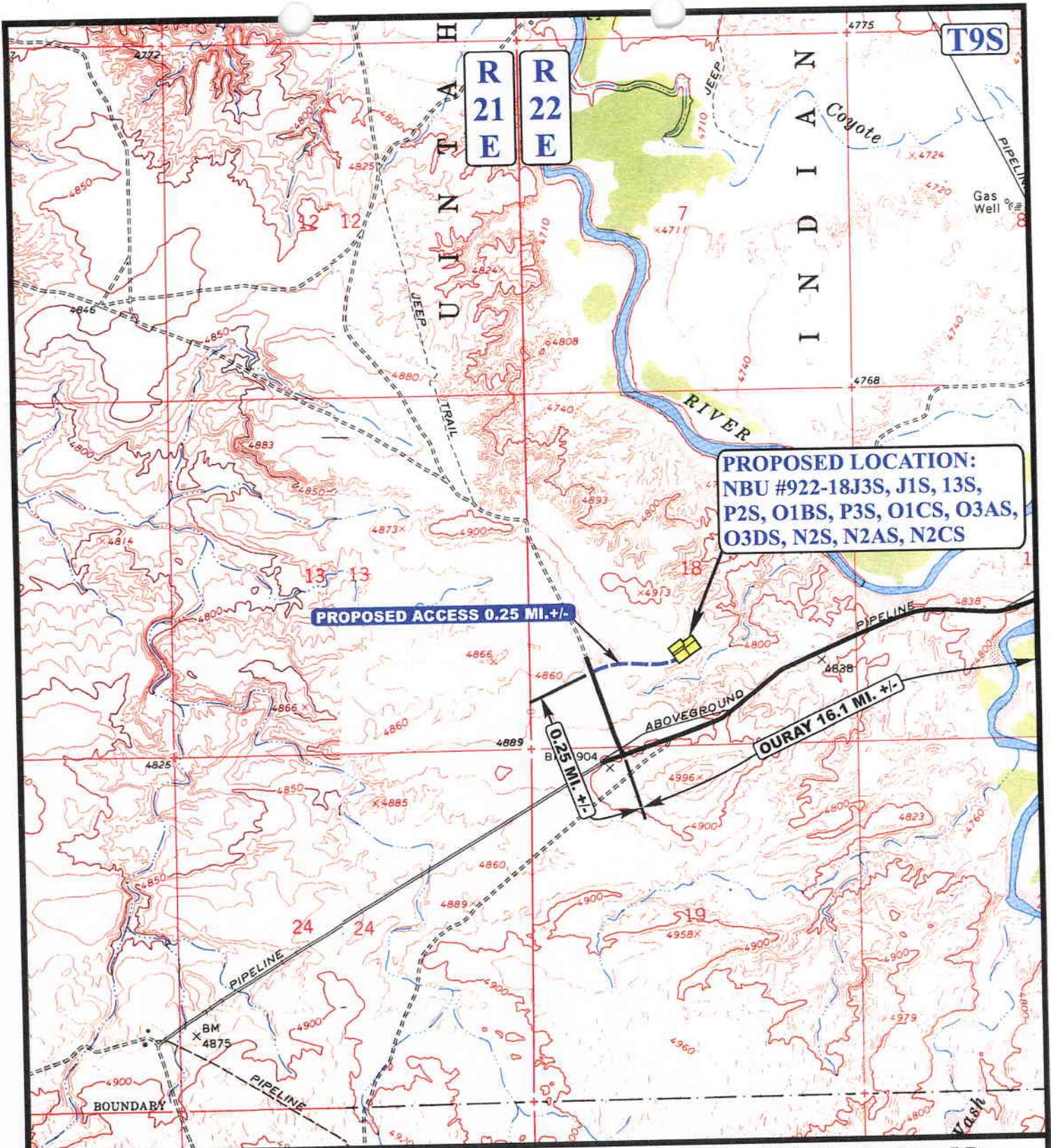
05 16 07
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00





PROPOSED LOCATION:
 NBU #922-18J3S, J1S, 13S,
 P2S, O1BS, P3S, O1CS, O3AS,
 O3DS, N2S, N2AS, N2CS

PROPOSED ACCESS 0.25 MI. +/-

OURAY 16.1 MI. +/-

LEGEND:

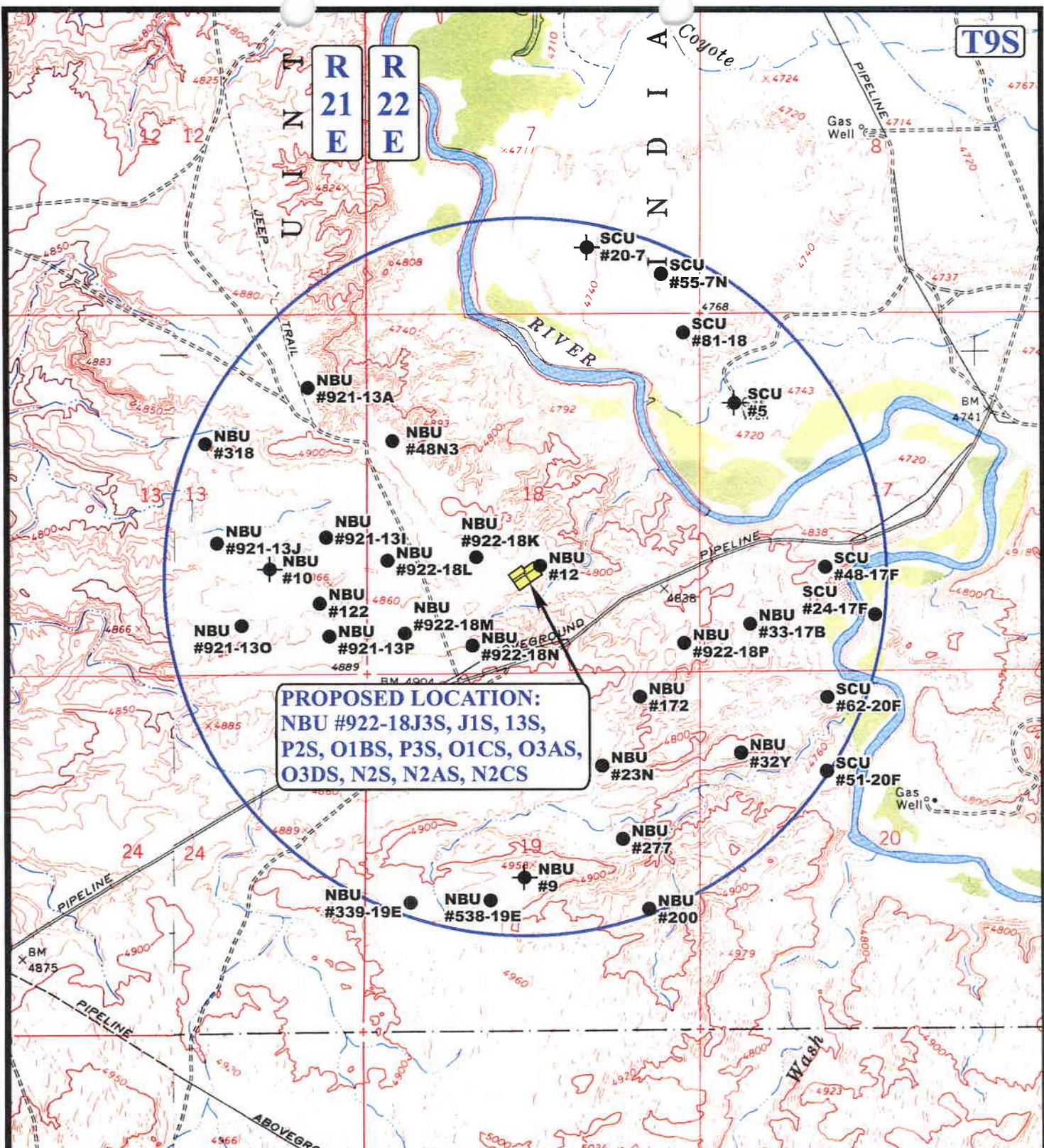
- EXISTING ROAD
- PROPOSED ACCESS ROAD

Kerr-McGee Oil & Gas Onshore LP

NBU #922-18J3S, J1S, 13S, P2S, O1BS, P3S, O1CS,
 O3AS, O3DS, N2S, N2AS, N2CS
 SECTION 18, T9S, R22E, S.L.B.&M.
 S 1/2

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

TOPOGRAPHIC MAP 05 16 07
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **B TOPO**



PROPOSED LOCATION:
 NBU #922-18J3S, J1S, 13S,
 P2S, O1BS, P3S, O1CS, O3AS,
 O3DS, N2S, N2AS, N2CS

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

NBU #922-18J3S, J1S, 13S, P2S, O1BS, P3S, O1CS,
 O3AS, O3DS, N2S, N2AS, N2CS
 SECTION 18, T9S, R22E, S.L.B.&M.
 S 1/2



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

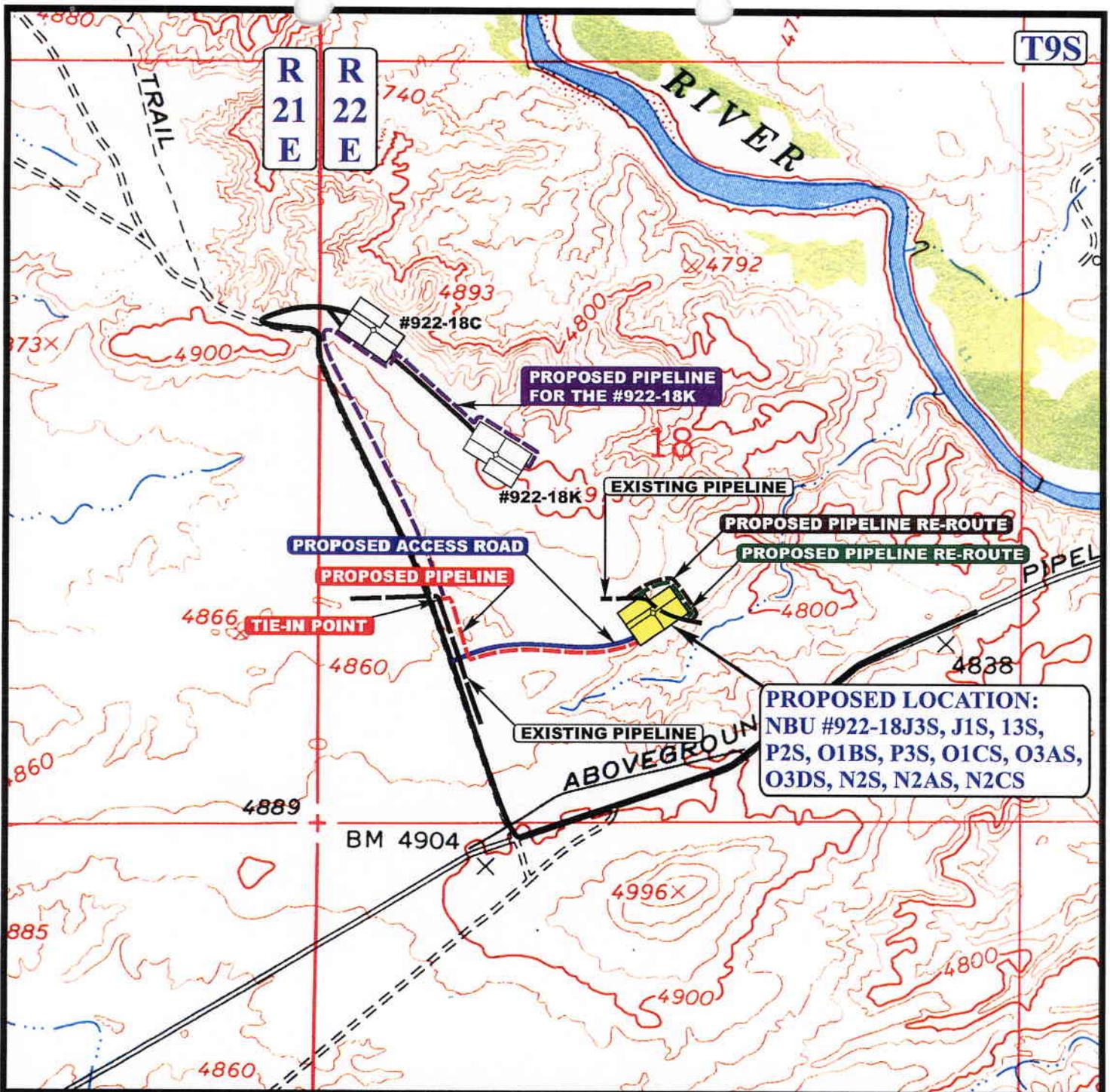


**TOPOGRAPHIC
 MAP**

05 16 07
 MONTH DAY YEAR



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



APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 672' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 636' +/-

APPROXIMATE TOTAL PIPELINE DISTANCE = 1,633' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE RE-ROUTE



Kerr-McGee Oil & Gas Onshore LP

NBU #922-18J3S, J1S, 13S, P2S, O1BS, P3S, O1CS,
 O3AS, O3DS, N2S, N2AS, N2CS
 SECTION 18, T9S, R22E, S.L.B.&M.
 S 1/2



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

TOPOGRAPHIC MAP **05 16 07**
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 10-25-07



Kerr-McGee Oil & Gas Onshore LP

NBU #922-18J3S, J1S, I3S, P2S, O1BS, P3S, O1CS, O3AS, O3DS, N2S, N2AS, N2CS
PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH
SECTION 18, T9S, R22E, S.L.B.&M.



TIE-IN POINT

PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: EASTERLY

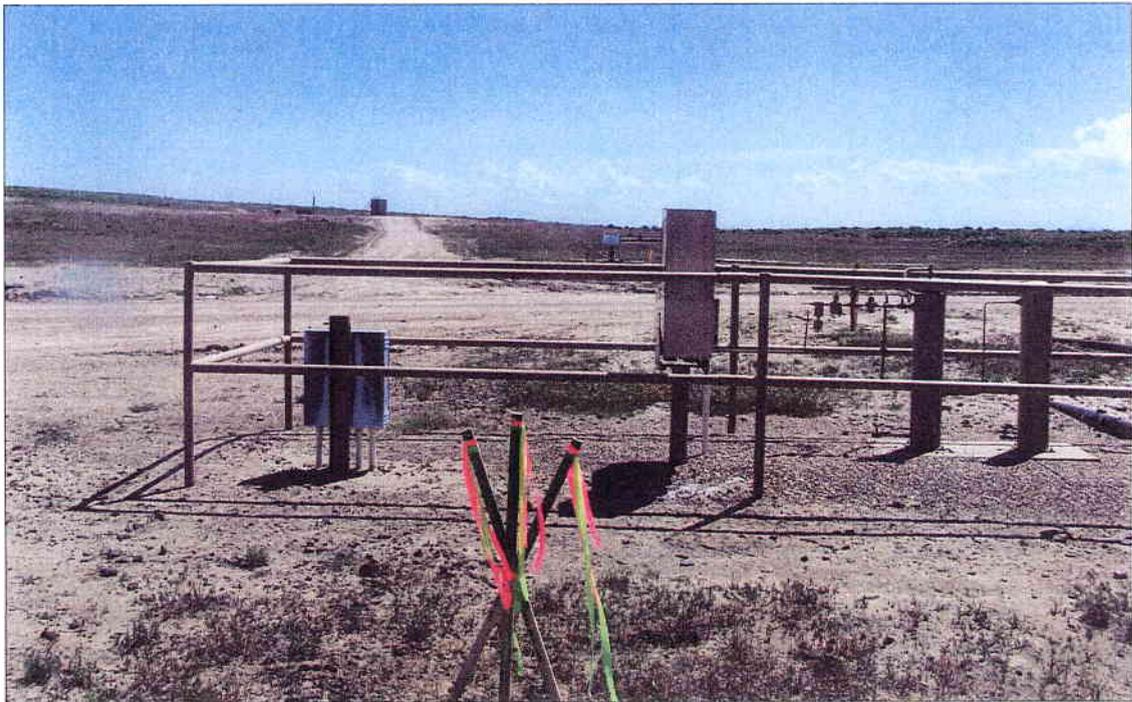


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: EASTERLY



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

PIPELINE PHOTOS

05 16 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

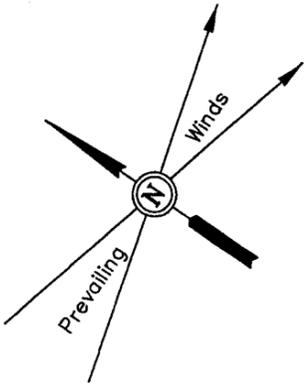
REVISED: 00-00-00

- Since 1964 -

Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #922-18J3S, J1S, I3S, P2S, O1BS, P3S, O1CS
 O3AS, O3DS, N2S, N2AS, N2CS
 SECTION 18, T9S, R22E, S.L.B.&M.
 S 1/2



SCALE: 1" = 50'
 DATE: 05-16-07
 Drawn By: C.H.
 REV: 08-09-07

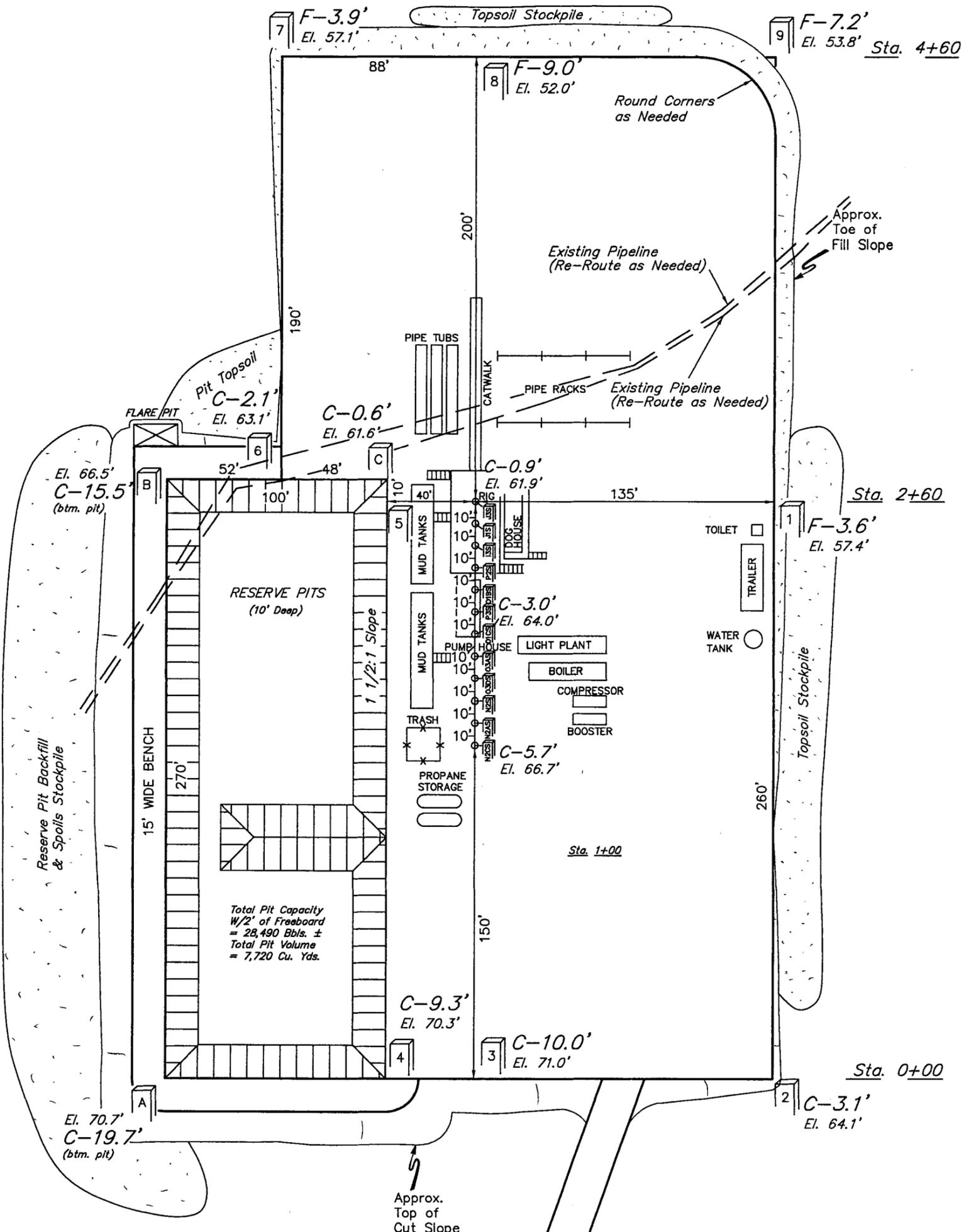


FIGURE #1

Elev. Ungraded Ground at #18J3S Location Stake = 4861.9'
 Elev. Graded Ground at #18J3S Location Stake = 4861.0'

Kerr-McGee Oil & Gas Onshore LP

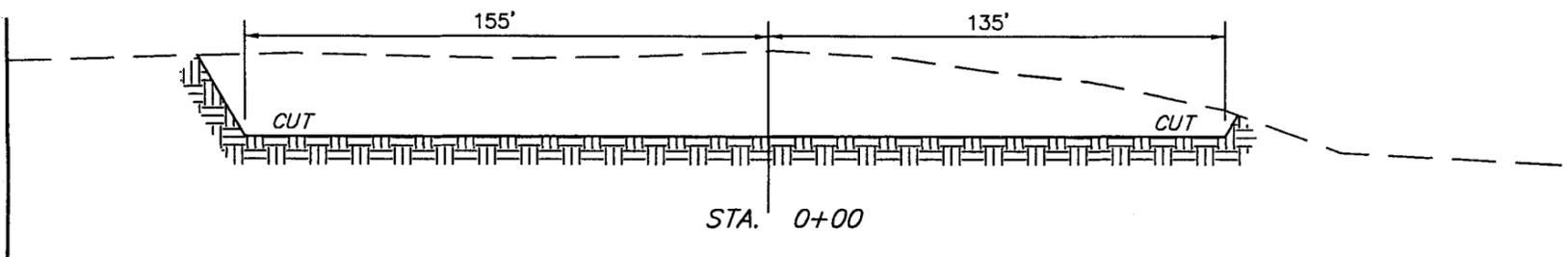
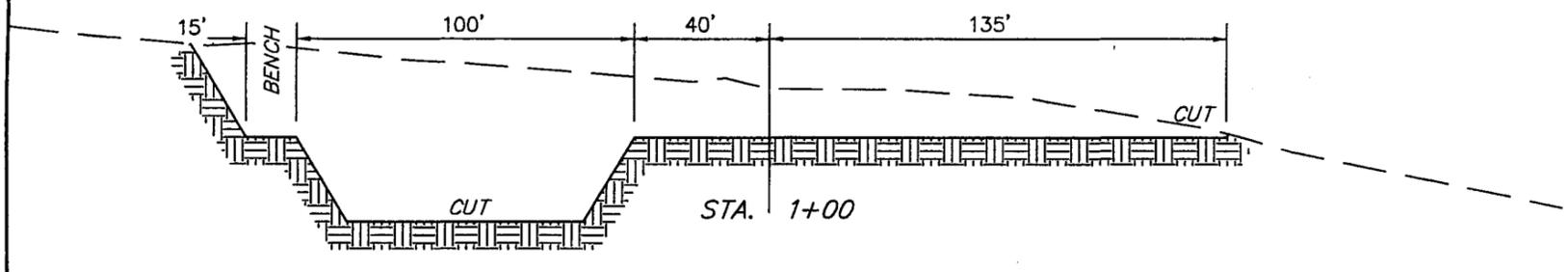
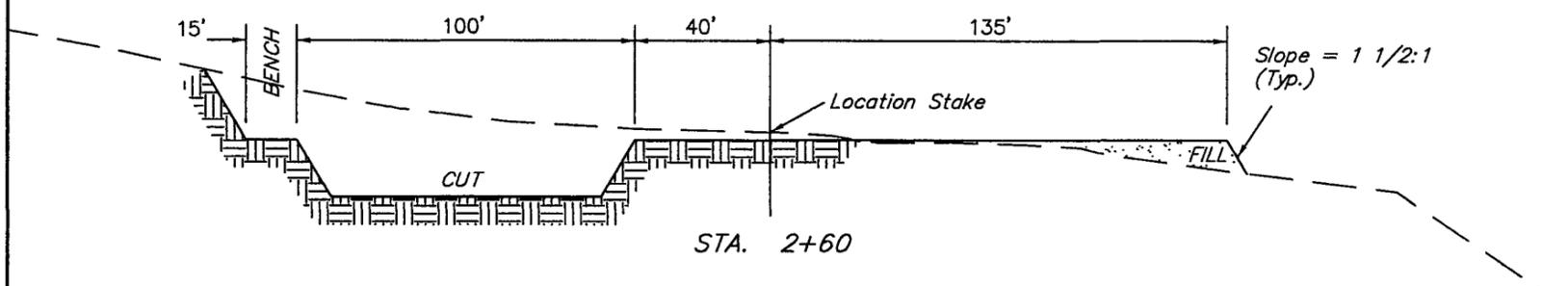
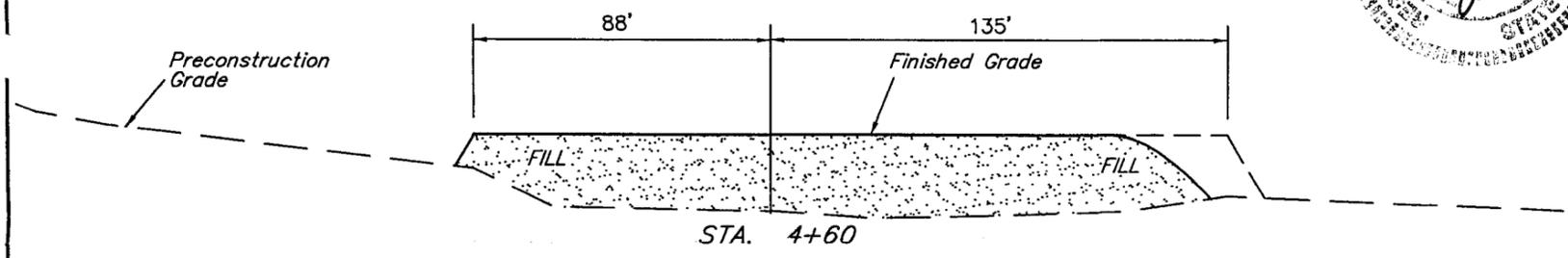
TYPICAL CROSS SECTIONS FOR

NBU #922-18J3S, J1S, I3S, P2S, O1BS, P3S, O1CS
 O3AS, O3DS, N2S, N2AS, N2CS
 SECTION 18, T9S, R22E, S.L.B.&M.
 S 1/2

FIGURE #2

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

DATE: 05-16-07
 Drawn By: C.H.
 REV: 08-09-07



NOTE:

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

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 5,320 Cu. Yds.
Remaining Location	= 22,710 Cu. Yds.
TOTAL CUT	= 28,030 CU.YDS.
FILL	= 12,740 CU.YDS.

EXCESS MATERIAL	= 15,290 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 9,180 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 6,110 Cu. Yds.

Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #922-18J3S, J1S, I3S, P2S, O1BS, P3S, O1CS
O3AS, O3DS, N2S, N2AS, N2CS
SECTION 18, T9S, R22E, S.L.B.&M.

S 1/2



SCALE: 1" = 50'
DATE: 05-16-07
Drawn By: C.H.
REV: 08-09-07

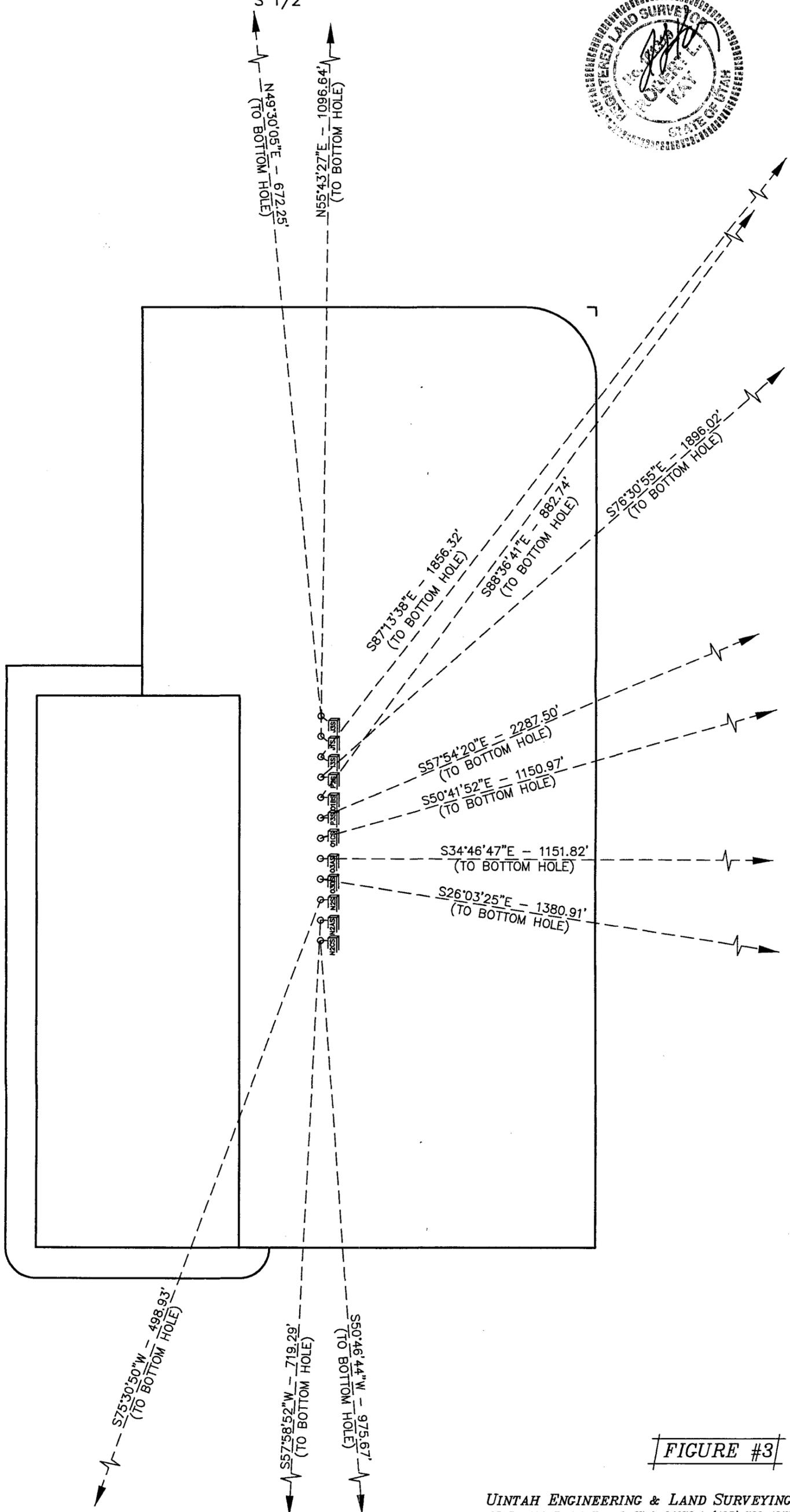


FIGURE #3

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/20/2007

API NO. ASSIGNED: 43-047-39843

WELL NAME: NBU 922-18J1S
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:
 NWSE 18 090S 220E
 SURFACE: 1447 FSL 2572 FEL
 BOTTOM: 2062 FSL 1665 FEL
 COUNTY: UINTAH
 LATITUDE: 40.03272 LONGITUDE: -109.4818
 UTM SURF EASTINGS: 629539 NORTHINGS: 4432283
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-0461
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. RLB0005239)

Potash (Y/N)

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

Water Permit
 (No. 43-8496)

RDCC Review (Y/N)
 (Date: _____)

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.
 Unit: NATURAL BUTTES

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

 R649-3-3. Exception

Drilling Unit
 Board Cause No: 173.14
 Eff Date: 12-2-1999
 Siting: 460' from Nbdv & Uncomm. Tracts

R649-3-11. Directional Drill

COMMENTS: Sup, Special BW

STIPULATIONS: 1-Federal Approval
2-OIL SHALE

NATURAL BUTTES FIELD

NATURAL BUTTES UNIT CAUSE: 173-14 / 12/2-1999

T9S R21E T9S R22E

NBU 921-13A
*
NBU 317

NBU 18N3

NBU 921-13H

NBU 921-13I
*

NBU 122
*

NBU 921-13P
*

NBU 922-18F1BS
NBU 922-18C4CS
NBU 922-18D3BS
NBU 922-18F1CS
NBU 922-18E2S
NBU 922-18E3CS
NBU 922-18L2CS
NBU 922-18M3S
NBU 922-18L
NBU 922-18L3S
NBU 922-18L2CS
NBU 922-18M2S
NBU 922-18L3S
NBU 922-18M2S
NBU 922-18M3S

NBU 922-18K
*

NBU 12

NBU 922-18N
*

NBU 922-18M
*

NBU 922-18N
*

NBU 357-19E

SCU 55-7N
*

SCU 66-8N
*

STAGECOACH
U 81-18 *

SCU 101-17

SCU 58-17N
*

STAGECOACH 5
SCU 76-17

STAGECOACH U 20-7
STAGECOACH U 91-7

NBU 922-18G

18

17

STAGECOACH U 95-17
SCU 48-17F

NBU 33-17B
*

NBU 922-18P
*

NBU 172
*

STAGECOACH U 87-20

NBU 32Y
*

NBU 23N
*

OPERATOR: KERR MCGEE O&G (N2995)

SEC: 18 T.9S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12/2-1999

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



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 29-NOVEMBER-2007

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)

November 30, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Natural Buttes 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 2007 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Wasatch/MesaVerde)		
43-047-39821	NBU 922-18F4CS	Sec 18 T09S R22E 2529 FSL 1248 FWL
	BHL	Sec 18 T09S R22E 2406 FNL 1895 FWL
43-047-39822	NBU 922-18K2DS	Sec 18 T09S R22E 2508 FSL 1282 FWL
	BHL	Sec 18 T09S R22E 2099 FSL 1548 FWL
43-047-39823	NBU 922-18E3CS	Sec 18 T09S R22E 2540 FSL 1231 FWL
	BHL	Sec 18 T09S R22E 2632 FSL 0136 FWL
43-047-39824	NBU 922-18K1BS	Sec 18 T09S R22E 2524 FSL 1256 FWL
	BHL	Sec 18 T09S R22E 2602 FSL 1821 FWL
43-047-39825	NBU 922-18M3S	Sec 18 T09S R22E 1688 FSL 0334 FWL
	BHL	Sec 18 T09S R22E 0203 FSL 0571 FWL
43-047-39826	NBU 922-18L3S	Sec 18 T09S R22E 1689 FSL 0274 FWL
	BHL	Sec 18 T09S R22E 1390 FSL 0214 FWL
43-047-39827	NBU 922-18L2CS	Sec 18 T09S R22E 1687 FSL 0344 FWL
	BHL	Sec 18 T09S R22E 1994 FSL 0262 FWL

43-047-39828 NBU 922-18M2S Sec 18 T09S R22E 1689 FSL 0284 FWL
BHL Sec 18 T09S R22E 1075 FSL 0232 FWL

43-047-39829 NBU 922-18P3S Sec 18 T09S R22E 1424 FSL 2605 FEL
BHL Sec 18 T09S R22E 0203 FSL 0668 FEL

43-047-39830 NBU 922-18P2S Sec 18 T09S R22E 1436 FSL 2588 FEL
BHL Sec 18 T09S R22E 0988 FSL 0745 FEL

43-047-39831 NBU 922-18N2S Sec 18 T09S R22E 1402 FSL 2637 FEL
BHL Sec 18 T09S R22E 1278 FSL 1753 FWL

43-047-39832 NBU 922-18O3DS Sec 18 T09S R22E 1407 FSL 2629 FEL
BHL Sec 18 T09S R22E 0165 FSL 2024 FEL

43-047-39833 NBU 922-18O3AS Sec 18 T09S R22E 1413 FSL 2621 FEL
BHL Sec 18 T09S R22E 0465 FSL 1965 FEL

43-047-39834 NBU 922-18O1CS Sec 18 T09S R22E 1419 FSL 2613 FEL
BHL Sec 18 T09S R22E 0687 FSL 1723 FEL

43-047-39835 NBU 922-18O1BS Sec 18 T09S R22E 1430 FSL 2596 FEL
BHL Sec 18 T09S R22E 1046 FSL 1714 FEL

43-047-39836 NBU 922-18C4BS Sec 18 T09S R22E 1875 FNL 0362 FWL
BHL Sec 18 T09S R22E 0745 FNL 1878 FWL

43-047-39837 NBU 922-18E2S Sec 18 T09S R22E 1870 FNL 0354 FWL
BHL Sec 18 T09S R22E 1529 FNL 0503 FWL

43-047-39838 NBU 922-18F1CS Sec 18 T09S R22E 1892 FNL 0387 FWL
BHL Sec 18 T09S R22E 1724 FNL 1956 FWL

43-047-39839 NBU 922-18N2AS Sec 18 T09S R22E 1396 FSL 2228 FWL
BHL Sec 18 T09S R22E 1016 FSL 1617 FWL

43-047-39840 NBU 922-18L2BS Sec 18 T09S R22E 2513 FSL 1273 FWL
BHL Sec 18 T09S R22E 2344 FSL 0223 FWL

43-047-39841 NBU 922-18D3BS Sec 18 T09S R22E 1853 FNL 0329 FWL
BHL Sec 18 T09S R22E 0877 FNL 0256 FWL

43-047-39842 NBU 922-18J3S Sec 18 T09S R22E 1453 FSL 2564 FEL
BHL Sec 18 T09S R22E 1888 FSL 2052 FEL

43-047-39843 NBU 922-18J1S Sec 18 T09S R22E 1447 FSL 2572 FEL
BHL Sec 18 T09S R22E 2062 FSL 1665 FEL

43-047-39844 NBU 922-18I3S Sec 18 T09S R022E 1442 FSL 2580 FEL
BHL Sec 18 T09S R022E 1346 FSL 0726 FEL

43-047-39845 NBU 922-18C4CS Sec 18 T09S R22E 1881 FNL 0370 FWL
BHL Sec 18 T09S R22E 1075 FNL 1849 FWL

43-047-39846 NBU 922-18F1BS Sec 18 T09S R22E 1886 FNL 0379 FWL
BHL Sec 18 T09S R22E 1375 FNL 1868 FWL

43-047-39847 NBU 922-18N2CS Sec 18 T09S R22E 1390 FSL 2220 FWL
BHL Sec 18 T09S R22E 0775 FSL 1462 FWL

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

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-30-07



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 3, 2007

Kerr McKee Oil and Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078

Re: NBU 922-18J1S Well, Surface Location 1447' FSL, 2572' FEL, NW SE, Sec. 18, T. 9 South, R. 22 East, Bottom Location 2062' FSL, 1665' FEL, NW SE, Sec. 18, T. 9 South, R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39843.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Kerr McKee Oil and Gas Onshore LP
Well Name & Number NBU 922-18J1S
API Number: 43-047-39843
Lease: UTU-0461

Surface Location: NW SE Sec. 18 T. 9 South R. 22 East
Bottom Location: NW SE Sec. 18 T. 9 South R. 22 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

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

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

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

RECEIVED
VERNAL FIELD OFFICE

Form 3160-3
(August 1999)

2007 NOV 5 PM 12:33

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0461
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 922-18J1S
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1447'FSL, 2572'FEL At proposed prod. Zone NW/SE 2062'FSL, 1665'FEL		9. API Well No. 43 047 39843
14. Distance in miles and direction from nearest town or post office* 16.6 +/- MILES FROM OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1442'	16. No. of Acres in lease 601.96	11. Sec., T., R., M., or Blk, and Survey or Area SEC. 18, T9S, R22E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	17. Spacing Unit dedicated to this well 40.00	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4861'GL	19. Proposed Depth 9931'	13. State UTAH
22. Approximate date work will start* UPON APPROVAL		20. BLM/BIA Bond No. on file RLB0005239
23. Estimated duration TO BE DETERMINED		

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

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 11/16/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) MATT BAKER	Date FEB 22 2008
Title Acting Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

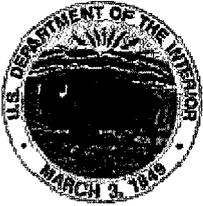
NOTICE OF APPROVAL

RECEIVED

FEB 26 2008

DIV. OF OIL, GAS & MINING

No NOC
OBmic 0007A



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: Kerr-McGee Oil & Gas Onshore, LP
Well No: NBU 922-18J1S
API No: 43-047-39843

Location: NWSE, Sec. 18, T9S, R22E
Lease No: UTU-0461
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Construction Activity	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- Re-route 24 Inch pipeline on location.
- 8 Inch pipeline.
- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APDs and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.

- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A mist system is approved in lieu of deduster equipment. All other equipment for air/gas drilling shall meet specifications in Onshore Order #2, III. Requirements, E. Special Drilling Operations.
- A formation integrity test shall be performed at the surface casing shoe before drilling more than twenty feet.
- Logging program: Gamma Ray shall be run from TD to surface.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

OPERATING REQUIREMENT REMINDERS:

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

have prior written approval from the BLM Vernal Field Office.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0461
2. Name of Operator Kerr-McGee Oil & Gas Onshore, LP		6. If Indian, Allottee, or Tribe Name Ute Tribe
3a. Address P.O. Box 173779, Denver, CO 80217-3779	3b. Phone No. (include area code) 720.929.6226	7. If Unit or CA. Agreement Name and/or No. UTU-63047A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW SE Sec. 18 T 9S R 22E 1476 FSL 2531 FEL		8. Well Name and No. NBU 922-18J1S
		9. API Well No. 43-047-39843
		10. Field and Pool, or Exploratory Area Natural Buttes
		11. County or Parish, State Utah

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

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

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

COPY SENT TO OPERATOR

Date: 12-4-2008
Initials: KS

Kerr-McGee Oil & Gas Onshore, LP, respectfully notifies that the center stakes for the surface location have been moved to NWSE 1476' FSL & 2531' FEL. The bottomhole location has not been changed.

Approved by the
Utah Division of
Oil, Gas and Mining

629552x
4432292y
40.032805
-109.481626

Date: 12-01-08
By: [Signature]

**Federal Approval of this
Action Is Necessary**

14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

Kevin McIntyre

Title

Regulatory Analyst

Signature

[Signature]

Date

11/12/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

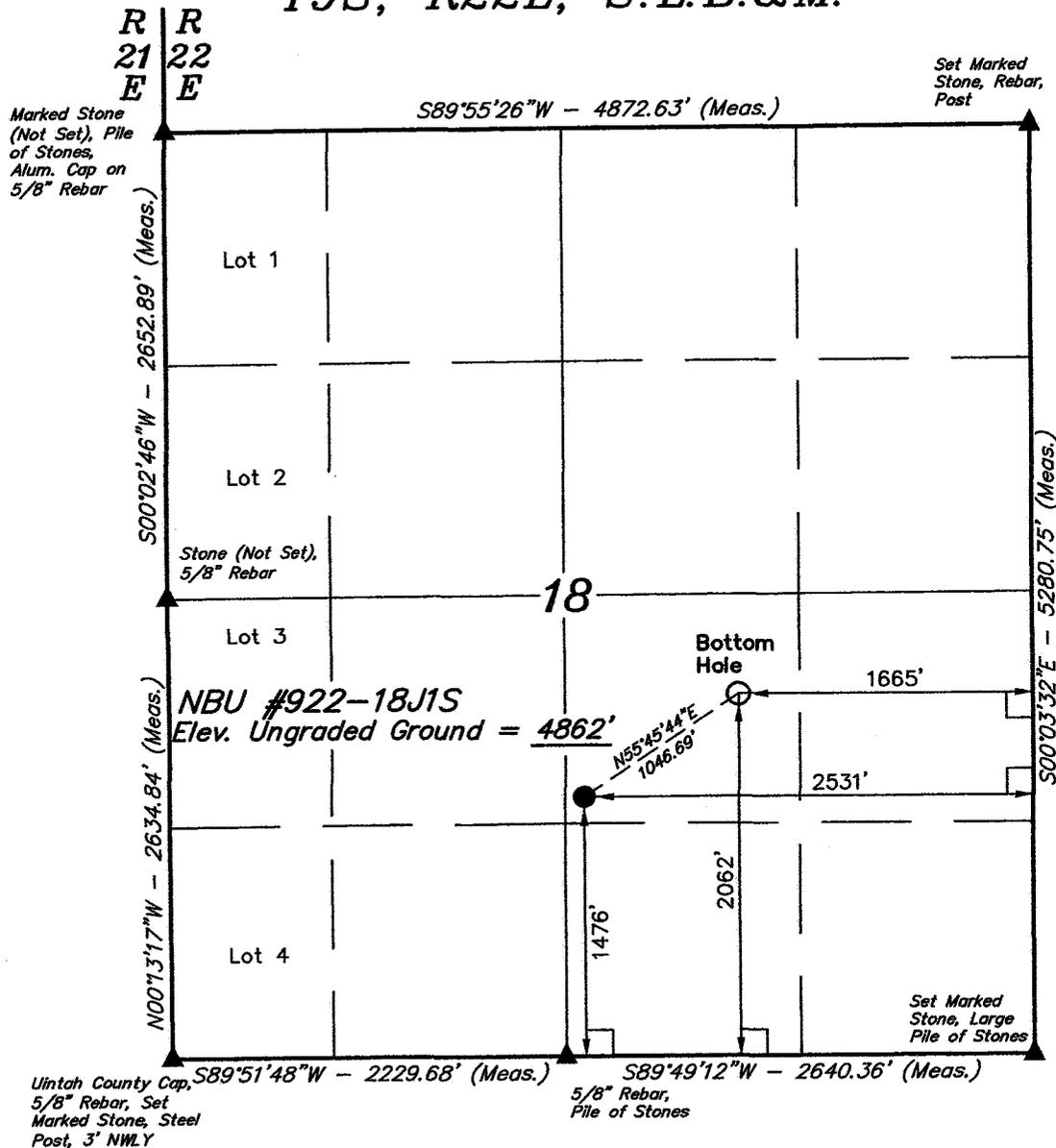
Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any officer or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
NOV 17 2008
DIV. OF OIL, GAS & MINING

T9S, R22E, S.L.B.&M.



Kerr-McGee Oil & Gas Onshore LP

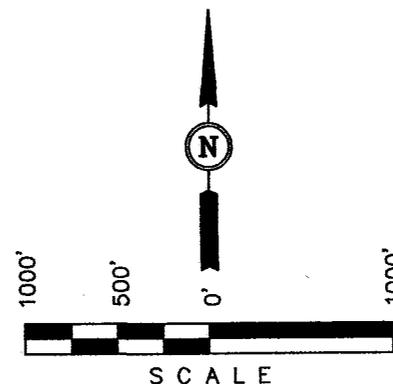
Well location, NBU #922-18J1S, located as shown in the NW 1/4 SE 1/4 of Section 18, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL 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.



CERTIFICATE

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

ROBERT KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 11-03-08

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°02'03.89" (40.034414)	LONGITUDE = 109°28'45.33" (109.479258)	LATITUDE = 40°01'58.07" (40.032797)	LONGITUDE = 109°28'56.45" (109.482347)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°02'04.01" (40.034447)	LONGITUDE = 109°28'42.86" (109.478572)	LATITUDE = 40°01'58.20" (40.032833)	LONGITUDE = 109°28'53.98" (109.481661)

SCALE 1" = 1000'	DATE SURVEYED: 05-07-07	DATE DRAWN: 05-16-07
PARTY D.K. L.K. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP	



Kerr-McGee Oil & Gas Onshore LP
1999 Broadway, Suite 3700
Denver, CO 80205

November 24, 2008

Mrs. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

Re: Directional Drilling R649-3-11
NBU 922-18J1S
T9S-R22E
Section 18: NWSE
Surface: 1476' FSL, 2531' FEL
Bottom Hole: 2062' FSL, 1665' FEL
Uintah County, Utah

Dear Mrs. Mason:

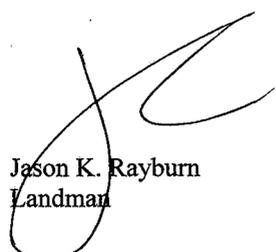
Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 922-18J1S is located within the Natural Buttes Unit area.
- Kerr-McGee is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to utilize the existing road and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit be granted pursuant to R649-3-11.

Sincerely,

KERR-MCGEE OIL & GAS ONSHORE LP


Jason K. Rayburn
Landman

RECEIVED

NOV 26 2008

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 checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0461
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779		7. UNIT or CA AGREEMENT NAME: 891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1476' FSL & 2531' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 9S 22E		8. WELL NAME and NUMBER: NBU 922-18J1S
PHONE NUMBER: (720) 929-6226		9. API NUMBER: 4304739843
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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.

Kerr-McGee Oil & Gas Onshore, LP, respectfully requests a one year extension on this APD in order to complete drilling operations. The Utah Division of Oil, Gas, and Mining initially approved this APD on 12/03/2007.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-11-08
By: 

NAME (PLEASE PRINT) <u>Kevin McIntyre</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE 	DATE <u>12/9/2008</u>



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

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

API: 4304739843
Well Name: NBU 922-18J1S
Location: NWSE 1476' FSL & 2531' FEL, Sec. 18, T9S R22E
Company Permit Issued to: Kerr-McGee Oil & Gas Onshore, LP
Date Original Permit Issued: 12/3/2007

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



Signature

12/9/2008

Date

Title: Regulatory Analyst

Representing: Kerr-McGee Oil & Gas Onshore, LP

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DEC 11 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

5. Lease Serial No.
UTU-0461

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE HOLE: NW/SE SEC. 18, T9S, R22E 1447'FSL, 2572'FEL
BOTTOM HOLE: NW/SE SEC. 18, T9S, R22E 2062'FSL, 1665'FEL

7. If Unit of CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 922-18J1S

9. API Well No.
4304739843

10. Field and Pool or Exploratory Area
NATURAL BUTTES

11. Country or Parish, State
UINTAH COUNTY, UTAH

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 12/14/2008 AT 2200 HRS.

RECEIVED
DEC 18 2008

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature 

Date 12/15/2008

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739843	NBU 922-18J1S		NWSE	18	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	12/14/2008			<u>12/30/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>W5MVD</u> SPUD WELL LOCATION ON 12/14/2008 AT 2200 HRS. <u>BHL = NWSE</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739842	NBU 922-18J3S		NWSE	18	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	12/14/2008			<u>12/30/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>W5MVD</u> SPUD WELL LOCATION ON 12/14/2008 AT 1030 HRS. <u>BHL = NWSE</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739847	NBU 922-18N2CS		NESW	18	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	12/13/2008			<u>12/30/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>W5MVD</u> SPUD WELL LOCATION ON 12/13/2008 AT 1200 HRS. <u>BHL = SESW</u>							

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)



Signature

SENIOR LAND SPECIALIST

12/15/2008

Title

Date

RECEIVED

DEC 17 2008

(5/2000)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

5. Lease Serial No.
UTU-0461

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.
UNIT #891008900A

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
NBU 922-18J1S

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP

9. API Well No.
4304739843

3a. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

10. Field and Pool or Exploratory Area
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE HOLE: NW/SE SEC. 18, T9S, R22E 1447FSL, 2572FEL
BOTTOM HOLE: NW/SE SEC. 18, T9S, R22E 2062FSL, 1665FEL

11. Country or Parish, State
UINTAH COUNTY, UTAH

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

MIRU PROPETRO AIR RIG ON 01/18/2009. DRILLED 12 1/4" SURFACE HOLE TO 2880'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/270 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. CMT TO SURFACE LAND PLUG FLOAT HELD. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. CMT TO SURFACE. HOLE STAYED FULL.

WORT.

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature 

Date 01/22/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office

RECEIVED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JAN 26 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0461
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 922-18J1S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398430000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1476 FSL 2531 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 18 Township: 09.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/2/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

FINISHED DRILLING FROM 2880' TO 9965' ON 06/30/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/615 SX PREM LITE II @11.7 PPG 2.50 YIELD. TAILED CMT W/1320 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/153 BBLS H2O + ADDITIVES. GOOD RETURN THROUGH OUT JOB LIFT PRESSURE @2696 PSI BUMP PLUG W/3210 PSI FLOATS HELD. CLEAN BOPE LD LANDING JTS. INSTALL & TEST WELL HEAD. PACK OFF TO 5000 PSI NIPPLE DOWN BOPE PREP TO SKID. RELEASED H&P RIG 298 ON 07/02/2009 AT 1430 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 16, 2009

NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 7/15/2009

<p>STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p>FORM 9</p>
<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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.</p>	<p>5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0461</p>
	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE</p>
	<p>7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES</p>
<p>1. TYPE OF WELL Gas Well</p>	<p>8. WELL NAME and NUMBER: NBU 922-18J1S</p>
<p>2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.</p>	<p>9. API NUMBER: 43047398430000</p>
<p>3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779</p>	<p>PHONE NUMBER: 720 929-6007 Ext</p>
<p>4. LOCATION OF WELL FOOTAGES AT SURFACE: 1476 FSL 2531 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 18 Township: 09.0S Range: 22.0E Meridian: S</p>	<p>9. FIELD and POOL or WILDCAT: NATURAL BUTTES</p>
	<p>COUNTY: UINTAH</p>
	<p>STATE: UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/4/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 10/04/2009 AT 12:00 P.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 07, 2009

<p>NAME (PLEASE PRINT) Andy Lytle</p>	<p>PHONE NUMBER 720 929-6100</p>	<p>TITLE Regulatory Analyst</p>
<p>SIGNATURE N/A</p>	<p>DATE 10/7/2009</p>	

OPERATION SUMMARY REPORT

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: PROPETRO/, H&P 298/298
 Event: DRILLING Start Date: 1/18/2009 End Date: 7/2/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	R/O	MD From (ft)	Operation
1/18/2009	6:00 - 12:00	6.00	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 0600 HR 1/18/09 DA AT REPORT TIME 560'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD NO WATER 990'
1/19/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD NO WATER 1500'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD NO WATER HAMMER STILL IN HOLE 2010'
1/20/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD WITH HAMMER NO WATER 2300' DA
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD WITH HAMMER NO WATER 2600' DA SURVEY 1 DEG.
1/21/2009	0:00 - 6:00	6.00	DRLSUR	02		P		DRILL F/ 2600' TO 2880'. TD SURFACE
	6:00 - 15:00	9.00	DRLSUR	06		P		CONDITION HOLE, RUN SURVEY 1 DEGREE, LDDS, RUN 66 JT 9 5/8" CSG J-55 36# TO 2838'. RUN 200' OF 1" DOWN BACKSIDE OF CSG. RIG DOWN.
	15:00 - 19:30	4.50	DRLSUR	12	E	P		PUMP 270 SX (184 BBLS) OF 11#, 3.82 YD 23 GAL/SX LEAD CEMENT, PUMP 200 SX (41BBLS) OF 15.8 # 1.15YD, 5 GAL SX TAIL CEM. CEMENT TO SURFACE. LAND PLUG, FLOAT HELD. PUMP 125 SX (26 BBLS) OF TAIL DOWN 1". CEMENT TO SURFACE. CEMENT FELL. WAIT 1 1/2 HR, PUMP TOP OUT 125 SX OF(26 BBLS) OF SAME. CEMENT TO SURFACE AND STAYING. RIG DOWN CEMENTERS.
6/23/2009	3:30 - 4:00	0.50	DRLPRO	01	C	P		SKID RIG 10' TO NEXT WELL
	4:00 - 5:00	1.00	DRLPRO	14	A	P		SET BOP, LOCK DOWN & TEST DTO TO 5000#, RIG UP FLOWLINE & MUD LINE, STABILIZER CABLES, PRE SPUD INSPECTION
	5:00 - 9:30	4.50	DRLPRO	15	A	P		HSM, PRESSURE TEST PIPE RAMS, BLIND RAMS, IBOP, FLOOR VALVE, KILL LINES & KILL LINE VALVES, BOP WING VALVES, HCR VALVE + CHOKE LINE; INNER AND OUTER CHOKE VALVES & MANIFOLD TO 250 PSI LOW @ 5 MINUTES + 5000 PSI HIGH @ 10 MINUTES / TEST ANNULAR TO 250 PSI LOW @ 5 MINUTES + 2500 PSI HIGH @ 10 MINUTES / TEST SUPER CHOKE + SURFACE CASING TO 1500 PSI @ 30 MINUTES -FUNCT TEST CLOSING UNIT, INSTALL WEAR BUSHING
	9:30 - 14:00	4.50	DRLPRO	06	A	P		SAFETY MEETING / PICK UP MOTOR / BIT #1 / PICK UP & ORIENTATE DIRECTIONAL EQUIPMENT / T.I.H. - RUN MAGNAFLUX INSPECTION ON NON MAG COLLARS, HWDP + RELATED DRILLING TOOLS WHILE T.I.H. / INSTALL ROTATING RUBBER / TAG CEMENT @2800'
	14:00 - 15:30	1.50	DRLPRO	02	F	P		DRILL CMT F/2800', FC @2807 SHOE @2850',
15:30 - 16:00	0.50	DRLPRO	02	D	P		SPUD IN DRILL, 10' OF FORMATION 2890-2900	
16:00 - 16:30	0.50	DRLPRO	16	D	P		PREFORM FIT, SURFACE PRESSURE TO 325 PSI EMW 10.9 PPG	

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OPERATION SUMMARY REPORT

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: PROPETRO/, H&P 298/298
 Event: DRILLING Start Date: 1/18/2009 End Date: 7/2/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	PAU	MD From (ft)	Operation
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/2900 - T/ 3445' = 558' @69.7 fph / 14k-16k WOB / TOP DRV RPM 30 / #1 PUMP @ 110 SPM = 498 GPM / MOTOR 110 RPM / SPP ON-OFF BTM 1900-1775 / TQ ON-OFF BTM 5k-2k ft/lbs / DRAG UP-DWN-ROT 104-100-102 / 8.7 ppg - 26 vis (DRILL W/ H2O + POLYMER - CIRCULATING RIG PITS) 8' TO 10' SLIDES MADE AT SELECTED INTERVALS ON 93' STANDS TO MAINTAIN 2.5* BUILD RATE / PUMPING GEL/LIME SWEEPS(SLIDES), 124' IN 3.42 HRS=41%
6/24/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 3445' - T/ 3765' = 320' @ 53.3 FPH / WOB 16 / TD RPM 30 / MTR 104 RPM / PUMP SPM 100 @ 450 GPM / SPP ON/OFF 1625/1330 / TQ ON/OFF BOTTOM 5K-2K / PU/SO/ROT 114/105/110 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)8-10' @ SELECTED INTERVALS ON 93' STDS. 116'-2.58 HRS=44% LAST SURVEY 3608' INC 11.26, AZM 60.27
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 3765' - T/ 4265' = 500' @ 43.47 FPH / WOB 18K-20K / TD RPM 35 / MTR 89 RPM / PUMP SPM 90 @ 405 GPM / SPP ON/OFF 1350/1120 / TQ ON/OFF BOTTOM 5K-2K / PU/SO/ROT 135/120/130 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)15'-28' @ SELECTED INTERVALS ON 93' STDS. / NOT ABLE TO BUILD ANGLE AS NEEDED - MADE 30' SLIDE AFTER NUMEROUS 26' SLIDES & LOST .52 DEG. / DECISION MADE TO P.O.O.H. AND RAISE ANGLE ON MOTOR TO 2.12 DEG
	17:30 - 18:00	0.50	DRLPRO	05	C	P		CIRULATE & CONDITION HOLE FOR TRIP / PUMP PILL TO DRY PIPE
	18:00 - 18:30	0.50	DRLPRO	06	A	P		P.O.O.H. TO SHOE / WELL FLOWING / SPOT 45 BBLs PILL OF 10.0 MUD TO KILL FLOW
	18:30 - 19:30	1.00	DRLPRO	09	A	P		SLIP AND CUT 631' OF DRILL LINE TO REMOVE BAD SPOT (MULTIPLE BROKEN WIRES)
	19:30 - 21:00	1.50	DRLPRO	06	A	P		P.O.O.H. / BIT GOOD TO RUN BACK / CHANGE MOTOR TO 2.12 DEG / OREINTATE DIRECTIONAL TOOLS
	21:00 - 23:00	2.00	DRLPRO	06	A	P		T.I.H. / SHALLOW TEST M.W.D. - OK / T.I.H. TO DRILL
	23:00 - 23:30	0.50	DRLPRO	03	D	P		BREAK CIRCULATION / WASH & REAM F/ 4229' - T/ 4265'
	23:30 - 0:00	0.50	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 4265' - T/ 4295' = 30' @ 60.0 FPH / WOB 15K-18K / TD RPM 35 / MTR 89 RPM / PUMP SPM 90 @ 405 GPM / SPP ON/OFF 1350/1120 / TQ ON/OFF BOTTOM 5K-2K / PU/SO/ROT 135/120/130 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)15'-25' @ SELECTED INTERVALS ON EACH 93' STAND.
6/25/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 4295' - T/ 4576' = 281' @ 46.83 FPH / WOB 15K-18K / TD RPM 35 / MTR 89 RPM / PUMP SPM 90 @ 405 GPM / SPP ON/OFF 1380/1090 / TQ ON/OFF BOTTOM 5K-2K / PU/SO/ROT 135/120/130 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)15'-20' @ SELECTED INTERVALS ON EACH 93' STAND.

RECEIVED October 07, 2009

**UPHOLDERS PRODUCTION
Operations Summary Report**

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: PROPETRO/, H&P 298/298
 Event: DRILLING Start Date: 1/18/2009 End Date: 7/2/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Day	Time Start-End	Quantity (hr)	Phase	Code	Sub Code	P/O	MWD From (ft)	Operation
	6:00 - 12:00	6.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 4576' - T/ 4928' = 352' @ 58.66 FPH / WOB 18K-20K / TD RPM 33-40 / MTR 104 RPM / PUMP SPM 105 @ 473 GPM / SPP ON/OFF 1830/1495 / TQ ON/OFF BOTTOM 8K-4K / PU/SO/ROT 145/114/133 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)15'-20' @ SELECTED INTERVALS ON EACH 93' STAND. / B.O.P. DRILL / SLIDE 154' IN 3.4 HRS = 44% OF FOOTAGE & 25% OF HRS DRILLED
	12:00 - 12:30	0.50	DRLPRO	05	C	P		CIRCULATE & CONDITION HOLE FOR BHA TRIP
	12:30 - 14:30	2.00	DRLPRO	06	A	P		P.O.O.H. / WELL FLOWING AT CASING SHOE / SPOT 40 BBL PILL / P.O.O.H.
	14:30 - 15:00	0.50	DRLPRO	06	A	P		CHANGE ANGLE ON MOTOR BACK TO 1.83 DEG / BIT OK TO RUN BACK / ORIENTATE MWD TOOLS / WORK BLIND AND PIPE RAMS
	15:00 - 16:00	1.00	DRLPRO	06	A	P		T.I.H. TO 2500' / BREAK CIRCULATION
	16:00 - 16:30	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / INSPECT B.O.P.E.
	16:30 - 18:00	1.50	DRLPRO	06	A	P		T.I.H. TO 4900' / WASH TO BOTTOM W/ 2' OF FILL / 5' - 15' FLARE AS SOON AS CIRCULATION STARTED
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 4928' - T/ 5307' = 379' @ 63.16 FPH / WOB 18K-20K / TD RPM 33-40 / MTR 104 RPM / PUMP SPM 105 @ 473 GPM / SPP ON/OFF 1830/1495 / TQ ON/OFF BOTTOM 8K-4K / PU/SO/ROT 145/114/133 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)9'-25' @ SELECTED INTERVALS ON SELECTED 93' STAND / SLIDE 143' IN 3.0 HRS = 37% OF FOOTAGE AND 50% OF HRS DRILLED
6/26/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 5307' - T/ 5902' = 595' @ 99.16 FPH / WOB 18K-20K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2115/1765 / TQ ON/OFF BOTTOM 10K-5K / PU/SO/ROT 170/116/139 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)15'-25' @ SELECTED INTERVALS ON SELECTED 93' STAND / SLIDE 50' IN .0 HRS = 17% OF FOOTAGE AND 17% OF HRS DRILLED
	6:00 - 16:00	10.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 5902' - T/ 6690' = 788' @ 78.8 FPH / WOB 18K-20K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2160/1800 / TQ ON/OFF BOTTOM 10K-7K / PU/SO/ROT 170/116/139 / H2O&POLY / WEIGHTED SWEEPS / (SLIDES)10'-30' @ SELECTED INTERVALS ON SELECTED 93' STAND / SLIDE 185' IN 5.0 HRS = 23% OF FOOTAGE AND 43% OF HRS DRILLED
	16:00 - 16:30	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / WORK PIPE RAMS / VISUAL INSPECTION ON B.O.P.E.
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 6690' - T/ 7005' = 315' @ 42.0 FPH / WOB 18K-20K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2250/1875 / TQ ON/OFF BOTTOM 10K-7K / PU/SO/ROT 210/125/156 / STARTED MUD UP @ 6900' AS PER DRILLING PROGRAM / 32 VIS - 9.2 PPG / (SLIDES)20'-25' @ SELECTED INTERVALS ON SELECTED 93' STAND / SLIDE 131' IN 4.0 HRS = 42% OF FOOTAGE AND 67% OF HRS DRILLED

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Operating Summary Report

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UJINTAH Site: NBU 922-18J PAD Rig Name No: PROPETRO/, H&P 298/298
 Event: DRILLING Start Date: 1/18/2009 End Date: 7/2/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	FW	MD From (ft)	Operation
6/27/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 7005' - T/ 7226' = 221' @ 36.83 FPH / WOB 18K-20K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2125/2000 / TQ ON/OFF BOTTOM 10K-7K / PU/SO/ROT 230/126/160 / 32 VIS - 9.2 PPG / SLIDE 13' ON SELECTED 93' STAND / SLIDE 13' IN .25 HRS = 5.8% OF FOOTAGE AND 4.1% OF HRS DRILLED
	6:00 - 16:00	10.00	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 7226' - T/ 7634' = 408' @ 40.8 FPH / WOB 19K-22K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2165/1970 / TQ ON/OFF BOTTOM 9K-5K / PU/SO/ROT 240/130/165 / 32 VIS - 9.6 PPG / SLIDE 10'-18' ON SELECTED 93' STANDS / SLIDE 34' IN 2.5 HRS = 8.3% OF FOOTAGE AND 25% OF HRS DRILLED
	16:00 - 16:30	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / WORK PIPE RAMS / VISUAL INSPECTION ON B.O.P.E.
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRILL (SLIDE & ROTATE) F/ 7634' - T/ 7920' = 286' @ 38.13 FPH / WOB 18K-20K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2333/2222 / TQ ON/OFF BOTTOM 10K-7K / PU/SO/ROT 250/125/167 / 32 VIS - 9.6 PPG / SLIDE 20'-28' ON SELECTED 93' STANDS / SLIDE 48' IN 2.25 HRS = 16.7% OF FOOTAGE AND 30% OF HRS DRILLED
6/28/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE) F/ 7920' - T/ 8155' = 235' @ 39.16 FPH / WOB 18K-20K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2565/2352 / TQ ON/OFF BOTTOM 12K-9K / PU/SO/ROT 260/130/173 / 34 VIS - 10.2 PPG / ROTATE 100% FOOTAGE
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL (ROTATE/SLIDE) F/ 8155' - T/ 8485' = 330' @ 28.69 FPH / WOB 18K-22K / TD RPM 30-35 / MTR 109 RPM / PUMP SPM 110 @ 495 GPM / SPP ON/OFF 2760/2550 / TQ ON/OFF BOTTOM 11K-9K / PU/SO/ROT 265/140/180 / 39 VIS - 10.6 PPG / SLID 84' IN 4.25 HRS = 25% OF FOOTAGE DRILLED AND 37% OF TIME DRILLED
	17:30 - 18:00	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / WORK PIPE RAMS / VISUAL INSPECTION ON B.O.P.E.
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE) F/ 8485' - T/ 8730' = 245' @ 40.83 FPH / WOB 18K-22K / TD RPM 30-35 / MTR 104 RPM / PUMP SPM 105 @ 473 GPM / SPP ON/OFF 2650/2400 / TQ ON/OFF BOTTOM 13K-10K / PU/SO/ROT 270/140/180 / 38 VIS - 10.9 PPG / ROTATE = 100% OF FOOTAGE DRILLED AND 100% OF TIME DRILLED
6/29/2009	0:00 - 3:00	3.00	DRLPRO	02	D	P		DRILL (ROTATE) F/ 8730' - T/ 8809' = 79' @ 26.3 FPH / WOB 20/22 / RPM TOP DRV 30-40 / MTR 104 RPM / PUMP SPM 105 = 473 GPM / SPP ON/OFF 2650/2400 / TQ ON/OFF 13K/10K / PU/SO/ROT 270K/140K/180K / 40 VIS - 11.0 PPG / ROTATING 100% OF FOOTAGE & TIME DRILLED
	3:00 - 8:00	5.00	DRLPRO	06	A	P		P.O.O.H. (BACK REAM) F/ 8809' - T/ 8200' / PUMP PILL / P.O.O.H. TO CHANGE OUT DIRECTIONAL TOOLS, BIT AND MUD MOTOR / TIGHT F/ 6720' - T/ 6605' & F/ 4920' - T/ 4850'
	8:00 - 9:30	1.50	DRLPRO	06	A	P		CHANGE OUT MWD TOOLS, MOTOR AND BIT / CHANGE ANGLE ON MOTOR TO 1.83 DEG / ORIENTATE DIRECTIONAL TOOLS / WORK BLIND AND PIPE RAMS

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OPERATION SUMMARY REPORT

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: PROPETRO/, H&P 298/298
 Event: DRILLING Start Date: 1/18/2009 End Date: 7/2/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub-Code	PU	MD From (ft)	Operation
	9:30 - 14:00	4.50	DRLPRO	06	A	P		T.I.H. / RUN SHALLOW TEST ON M.W.D. TOOLS - OK / T.I.H. BREAKING CIRCULATION AT SELECTED INTERVALS / WASH THROUGH BRIDGES @ 4895', 4988', 6659' & 8590'
	14:00 - 14:30	0.50	DRLPRO	03	D	P		PRECAUTIONARY WASH AND REAM F/ 8676' - T/ 8809' W/ 14' OF FILL ON BOTTOM / CUT NEW BIT PATTERN
	14:30 - 0:00	9.50	DRLPRO	02	D	P		DRILL (ROTATE/SLIDE) F/ 8809' - T/ 9210' = 401' @ 42.21 FPH / WOB 18/20 / RPM TOP DRV 40-45 / MTR 68 RPM / PUMP SPM 95 = 428 GPM / SPP ON/OFF 2600/2400 / TQ ON/OFF 14K/12K / PU/SO/ROT 290K/140K/185K / 40 VIS - 11.0 PPG / SLIDE 15' IN .75 HRS = 3.7% OF FOOTAGE DRILLED & 7.9% OF HOURS DRILLED / LOST APPROX 50 BBLs MUD ON TRIP / LOST ADDITIONAL 130 BBLs WHILE DRILLING - TRIED LCM SWEEPS - WOULD NOT REPAIR / BYPASSED & ADDED 3%-5% LCM TO SYSTEM W/ FULL RETURNS
6/30/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE/SLIDE) F/ 9210' - T/ 9415' = 205' @ 34.16 FPH / WOB 18/20 / RPM TOP DRV 35-45 / MTR 76 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF 2620/2380 / TQ ON/OFF 14K/12K / PU/SO/ROT 290K/140K/185K / 40 VIS - 11.3 PPG / SLIDE 15' IN .50 HRS = 7.3% OF FOOTAGE DRILLED & 8.3% OF HOURS DRILLED
	6:00 - 18:00	12.00	DRLPRO	02		P		DRILL (ROTATE/SLIDE) F/ 9415' - T/ 9814' = 399' @ 33.25 FPH / WOB 18/22 / RPM TOP DRV 35-45 / MTR 76 RPM / PUMP SPM 100 = 450 GPM / SPP ON/OFF 2850/2570 / TQ ON/OFF 16K/14K / PU/SO/ROT 285K/140K/182K / 43 VIS - 11.5 PPG / SLIDE 33' IN 2.0 HRS = 8.2% OF FOOTAGE DRILLED & 16.6% OF HOURS DRILLED
	18:00 - 18:30	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / WORK PIPE RAMS / VISUAL INSPECTION ON B.O.P.E.
	18:30 - 23:00	4.50	DRLPRO	02	D	P		DRILL (ROTATE) F/ 9814' - T/ 9965' (T.D.) = 151' @ 33.55 FPH / WOB 20/25 / RPM TOP DRV 35-45 / MTR 65 RPM / PUMP SPM 90 = 405 GPM / SPP ON/OFF 2515/2200 / TQ ON/OFF 17K/15K / PU/SO/ROT 300K/140K/200K / 43 VIS - 11.7 PPG
	23:00 - 0:00	1.00	DRLPRO	05	C	P		CIRCULATE & CONDITION HOLE FOR SHORT TRIP
7/1/2009	0:00 - 2:30	2.50	EVALPR	06	E	P		SHORT TRIP 20 STANDS TO 8100' (BACK REAM) W/ NO PROBLEMS & 4' OF FILL
	2:30 - 4:30	2.00	EVALPR	05	C	P		CIRCULATE & CONDITION HOLE FOR LOGS 7 CASING
	4:30 - 9:30	5.00	EVALPR	06	B	P		P.O.O.H. FOR LOGS - BACK REAM TO 8800' (PUMP & ROTATE) / PUMP PILL / P.O.O.H. W/ NO PROBLEMS / MINOR DRAG @ 6650' & 3990' = 15K-20K OVER NORMAL DRAG
	9:30 - 10:30	1.00	EVALPR	06	J	P		LAY DOWN M.W.D. TOOLS / BREAK BIT / STAND BACK MOTOR
	10:30 - 15:00	4.50	EVALPR	11	D	P		SAFETY MEETING (REVIEW J.S.A.) M.I.R.U. HALLIBURTON WIRELINE EQUIPMENT / RUN TRIPLE COMBO LOGS F/ SURFACE T/ 5182' / LOGS BRIDGED @ 5182 - LOG OUT TO SURFACE / SCOTT MITCHELL ADVISED TO RUN CASING & CASED HOLE LOGS
	15:00 - 15:30	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / INSPECT TOP DRIVE & DRAG CHAIN / VISUAL INSPECTION ON B.O.P.E. / WORK BLIND & PIPE RAMS
	15:30 - 16:00	0.50	DRLPRO	14	B	P		PULL WEAR BUSHING / LAY DOWN MUD MOTOR

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US OILFIELD RECORD
Operating Summary Report

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: PROPETRO/, H&P 298/298
 Event: DRILLING Start Date: 1/18/2009 End Date: 7/2/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (H)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/2/2009	16:00 - 20:00	4.00	CSG	12	A	P		SAFETY MEETING (J.S.A.) / M.I.R.U. WESTATES REGULAR EQUIPMENT + RUNNING TOOLS = 18' BAILS TO FILL CASING / RIG UP STABBING EQUIPMENT ON RIG
	20:00 - 0:00	4.00	CSG	12	C	P		RUN 4.5 I-80 #11.6 LT&C CASING / FILL WHILE RUNNING
	0:00 - 6:30	6.50	CSG	12	C	P		FINISH RUNNING 220 JTS. #11.6 I-80 LT&C CASING + RELATED TOOLS / SET DOWN ON BRIDGE @ 6602. BROKE CIRCULATION & BRIDGE WAS GONE / FILL UP TOOLS USED FROM FIRST TO LAST JOINT TO FILL CASING ON THE FLY TO OBTAIN DRAG RESULTS
	6:30 - 7:00	0.50	CSG	12	C	P		INSTALL MANDREL - SET CASING SHOE @ 9965.89', TOP OF FLOAT COLLAR 9920.46' AND TOP OF MARKER JT. @ 5053.85' - NO FILL ON DETECTED WHILE LANDING CASING
	7:00 - 9:00	2.00	CSG	05	D	P		CIRCULATE & CONDITION HOLE FOR CEMENT / R.D.M.O. CASING AND FILL EQUIPMENT
	9:00 - 12:00	3.00	CSG	12	E	P		SAFETY MEETING (REVIEW J.S.A.) TEST PUMPS & LINES TO 5k PSI / PUMP 40 BBLS H2O + 615 SX LEAD CEMENT @ 11.7 ppg (PREM LITE II + .05lbs/sx STATIC FREE + .25 pps CELLOFLAKE + 5 pps KOL SEAL + 8% bwoc BENTONITE + .2% bwoc SODIUM METASILICATE + 136.2% FRESH WATER / (14.21 gal/sx, 2.50 yield) + 1320 SX TAIL @ 14.3 ppg (CLS G 50/50 POZ) + 10% SALT + .05lbs/sx STATIC FREE + .2% R3 + .002 GPS FP-6L + 2% BENTONITE + 58.6% H2O / (5.90 gal/sx, 1.31 yield) / DROP PLUG & DISPLACE W/ 153 BBLS H2O + ADDITIVES / GOOD RETURNS THROUGH JOB / LIFT PRESSURE @ 2696 PSI (CALC TOP OF TAIL @ 3321') / BUMP PLUG W/ 3210 PSI - HOLD 5 MINUTES W/ NO LOSS / PLUG DOWN @ 11:30 HOURS W/ 43 BBLS CEMENT TO PIT / FLOATS HELD W/ 2.0 BBLS BACK TO INVENTORY / R.D.M.O. CEMENT EQUIPMENT
	12:00 - 13:30	1.50	CSG	14	B	P		CLEAN B.O.P.E. / INSTALL RIG BAILS & ELEVATORS / LAY DOWN LANDING JOINT / INSTALL & TEST WELL HEAD PACKOFF TO 5000 PSI @ 15 MINUTES
	13:30 - 15:00	1.50	RDMO	14	A	P		NIPPLE DOWN / RELEASE & LIFT B.O.P.E. / PREPARE TO SKID / RIG RELEASED @ 15:00 HRS ON 07/02/2009

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UTAH ROCKIES REGION
Operation Summary Report

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: GWS 1/1
 Event: COMPLETION Start Date: 8/23/2009 End Date:
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	PU	ND From (ft)	Operation
9/19/2009	7:00 - 15:00	8.00	COMP	37	B	P		HSM. OPEN WELL 0# STG 1)PU 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH PERF F/ 9718'-22', 4 SPF, 16 HOLES. 9536'-38', 3 SPF, 6 HOLES. 9502'-04', 3 SPF, 6 HOLES. 9460'-64', 3 SPF, 12 HOLES. POOH. SWI, SDFWE.
9/21/2009	10:24 - 17:00	6.60	COMP	36	B	P		STG 1)10:40 AM OPEN WELL 2800#. ((FOUND THAT GRAOUND VALVE WAS LEAKING THROUGH F/ ORANGE WELL. SWI, X- OUT GRAOUND VALVE. SD 10:48 AM.)) OPEN WELL 2ND TME @ 11:08 AM = 1600#. BEG PUMP, BRK @ 3174# @ 6.4 BPM. SD ISIP 2500# FG .69. BEG FRAC, EST INJT RT @ 51.3 BPM @ 6120# = 64% PERF'S OPEN. PUMP 51,365# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 3200# FG .76. SWI. 11:44 FRAC CREW X-OVER T/ YELLOW WELL. STG 2)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 9336' P/U PERF F/ 9302'-06', 4 SPF, 16 HOLES. 9274'-76', 4 SPF, 8 HOLES. 9114'-20', 3 SPF, 18 HOLES. POOH. 4:35 OPEN WELL 2515# BEG PUMP, BRK @ 3725# @ 5.4 BPM. SD ISIP 2100# FG .66. BEG FRAC, EST INJT RT @ 51.3 BPM @ 5200# = 75% PERF'S OPEN. PUMP 58,346# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2300# FG .68. 5:10 SWI, SDFN.

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OPERATION SUMMARY REPORT

Well: NBU 922-18J1S ((GREEN) Spud Conductor: 12/14/2008 Spud Date: 1/18/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: GWS 1/1
 Event: COMPLETION Start Date: 8/23/2009 End Date:
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/22/2009	7:00 - 7:15	0.25	COMP	36	B	P		<p>STG 3) 12:01 PM OPEN WELL 1910#. BEG PUMP, BRK @ 2376# @ 6.7 BPM. SD ISIP 2000# FG .75. BEG FRAC, EST INJT RT @ 52 BPM @ 5100# =73% PERFS OPEN. PUMP 49,208# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2350# FG .69. 12:33 PM SWI, WAIT ON WL T/ GET OUT OF ORANGE WELL.</p> <p>STG 4) PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 8730' P/U PERF F/ 8696'-00', 4 SPF, 16 HOLES. 8520'-26', 4 SPF, 24 HOLES. POOH. 3:13 OPEN WELL 640#. BEG PUMP, BRK @ 3827# @ 6.3 BPM. SD ISIP 2250# FG .69. BEG FRAC, EST INJT RT @ 5350# @ 51.3 BPM = 64% PERF'S OPEN. PUMP 37,358# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2650# FG .74. 3:38 SWIFN. FRAC CREW X-OVER T/ YELLOW.</p>
9/23/2009	7:00 - 18:00	11.00	COMP	36	B	P		<p>STG 5) OPEN WELL 2000#. PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 8730' P/U PERF F/ 8696'-00', 4 SPF, 16 HOLES. 8520'-26', 4 SPF, 24 HOLES. POOH. 1:27 PM OPEN WELL 1235#. BEG PUMPING, BRK @ 4586# @ 6.3 BPM. SD ISIP 2100# FG .68. BEG FRAC, EST INJT RT @ 49.6 BPM @ 4850# = 79% PERF'S OPEN. PUMP 86,357# 30/50 WHITE & 5,000# 20/40 TLC. SD ISIP 2750# FG .76. 2:20 PM SWI. X-OVER T/ YELLOW WELL.</p> <p>STG 6) PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 120 DEG PHASING. RIH SET SET CBP @ 8164' P/U PERF F/ 8130'-34', 3 SPF, 12 HOLES. 8010'-14', 3 SPF, 12 HOLES. 7974'-80', 3 SPF, 18 HOLES. POOH. SWI. SDFN.</p>
9/24/2009	7:00 - 15:00	8.00	COMP	36	B	P		<p>STG 6) 7:05 AM OPEN WELL 1350#. BEG PUMPING, BRK @ 2960# @ 6.3 BPM. SD ISIP 1650# FG .36. BEG FRAC, EST INJT RT @ 51.1 BPM @ 4570# = 70% PERF'S OPEN. PUMP 71,384# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2750# FG .77. 7:50 AM, SWI. FRAC CREW X-OVER T/ YELLOW WELL.</p> <p>PU 4 1/2 8K HAL CBP. RIH SET KILL PLUG @ 7924'. POOH. SWI.</p>

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**UTAH OILFIELD OPERATIONS
Operations Summary Report**

Well: NBU 922-18J1S ((GREEN)		Spud Conductor: 12/14/2008	Spud Date: 1/18/2009
Project: UTAH-UINTAH		Site: NBU 922-18J PAD	Rig Name No: GWS 1/1
Event: COMPLETION		Start Date: 8/23/2009	End Date:
Active Datum: RKB @4,887.00ft (above Mean Sea Level)		UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,476.00/E/0/2,531.00/0/0	

DATE	TIME START-END	DURATION (hr)	Phase	Code	Sub Code	PSI	MD From (ft)	Operation
10/4/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2600#, TP 1750#, 20/64" CK, 50 BWPH, HEAVY SAND, LIGHT GAS TTL BBLs RECOVERED: 3445 BBLs LEFT TO RECOVER: 6330
	12:00 -		PROD	50				WELL TURNED TO SALE @ 1200 HR ON 10/4/09 - FTP 1800#, CP 2900#, 1.4 MCFD, 40 BWPD, 20/64 CK
10/5/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2750#, TP 1750#, 20/64" CK, 35 BWPH, MEDIUM SAND, - GAS TTL BBLs RECOVERED: 4435 BBLs LEFT TO RECOVER: 5340
10/6/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2450#, TP1525#, 20/64" CK,30 BWPH, MEDIUM SAND, - GAS TTL BBLs RECOVERED:5210 BBLs LEFT TO RECOVER:4565
10/7/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2175#, TP1400#, 20/64" CK,25 BWPH,MEDIUM SAND, 1816 GAS TTL BBLs RECOVERED: 5920 BBLs LEFT TO RECOVER: 3855

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU461

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

2. Name of Operator
KERR-MCGEE OIL&GAS ONSHORE Email: andrew.lytle@anadarko.com Contact: ANDY LYTLE

3. Address P.O. BOX 173779 DENVER, CO 80217 3a. Phone No. (include area code) Ph: 720-929-6100

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NWSE 1476FSL 2531FEL 40.03276 N Lat, 109.48181 W Lon
 At top prod interval reported below NWSE 2067FSL 1660FEL
 At total depth NWSE 2058FSL 1748 1649FEL *per HSM Review*

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No. 891008900A
 8. Lease Name and Well No. NBU 922-18J1S
 9. API Well No. 43-047-39843
 10. Field and Pool, or Exploratory NATURAL BUTTES
 11. Sec., T., R., M., or Block and Survey or Area Sec 18 T9S R22E Mer
 12. County or Parish Uintah 13. State UT
 14. Date Spudded 12/14/2008 15. Date T.D. Reached 06/30/2009 16. Date Completed D & A Ready to Prod. 10/04/2009
 17. Elevations (DF, KB, RT, GL)* 4861 GL
 18. Total Depth: MD 9965 TVD 9781 19. Plug Back T.D.: MD 9920 TVD 9736 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TRIPLE COMBO-ACRT SDL_DSN
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J-55	36.0		2845		720			
7.875	4.500 I-80	11.6		9956		1935			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9095							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7974	9722	7974 TO 9722	0.360	248	OPEN
B) <i>WAS MVD</i>						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7974 TO 9722	PMP 9,772 BBLs SLICK H2O & 374,018 LBS 30/50 SD.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/04/2009	10/07/2009	24	→	0.0	1816.0	480.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 1655	2750.0	→	0	1816	480		PGW	

28a. Production - Interval B

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1727				
MAHOGANY	2364				
WASATCH	5091	7697			
MESAVERDE	7767	9732			

32. Additional remarks (include plugging procedure):

ATTACHED TO THIS COMPLETION REPORT IS THE CHRONOLOGICAL WELL HISTORY AND END OF WELL REPORT (DIRECTIONAL SURVEY).

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

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

**Electronic Submission #76962 Verified by the BLM Well Information System.
For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal**

Name (please print) ANDY LYTLE Title REGULATORY ANALYST

Signature  (Electronic Submission) Date 11/05/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****



ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)

NBU 922-18 PAD IJNOP

NBU 922-18J1S

1

Survey: FINAL

Standard Survey Report

01 July, 2009



Weatherford®



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4963.00	5121.55	WASATCH
7650.00	7858.52	MESAVERDE

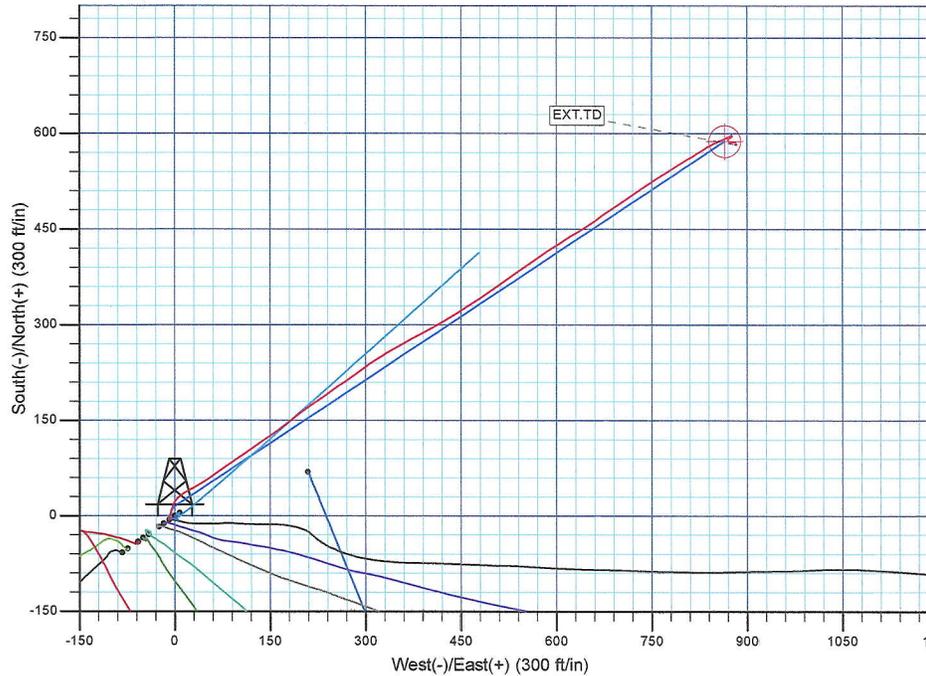
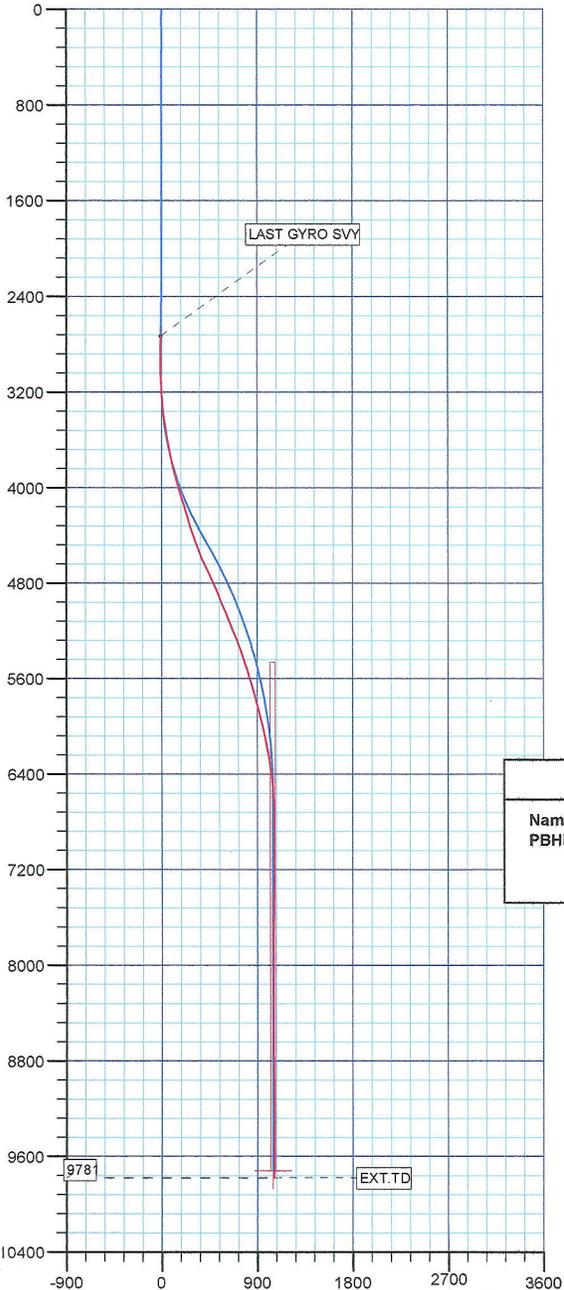
WELL DETAILS: NBU 922-18J1S					
+N/-S	+E/-W	Northing	Ground Level: Easting	4861.00 Latitude	Slot
0.00	0.00	14541623.02	2065445.05	40° 1' 58.200 N	109° 28' 53.980 W

CASING DETAILS			
TVD	MD	Name	Size
2793.86	2794.00	9 5/8"	9.62

SECTION DETAILS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
2735.00	0.75	243.59	2734.87	-4.35	-7.01	0.00	0.00	-8.24		
2894.00	0.75	243.59	2893.85	-5.28	-8.87	0.00	0.00	-10.30		
3172.36	5.00	20.00	3171.89	5.32	-6.35	2.00	141.73	-2.26		
3331.62	5.00	56.47	3330.54	16.04	2.09	2.00	90.00	10.75		
4411.71	32.00	56.47	4345.36	203.61	285.17	2.50	0.00	350.30		
4628.57	32.00	56.47	4529.26	267.09	380.97	0.00	0.00	465.22		
6762.07	0.00	0.00	6553.55	587.73	864.88	1.50	180.00	1045.68		
9928.52	0.00	0.00	9720.00	587.73	864.88	0.00	0.00	1045.68	PBHL-J1S	



KB ELEV: KB @ 4887.00ft
GRD ELEV: 4861.00



WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL-J1S	9720.00	587.73	864.88	14542225.41	2066299.78	40° 2' 4.009 N	109° 28' 42.859 W	Circle (Radius: 25.00)

Company: ANADARKO PETROLEUM CORP.
Project: UINTAH COUNTY, UTAH (nad 27)
Site: NBU 922-18 PAD IJNOP
Well: NBU 922-18J1S
Wellbore: 1
Design: 1

Local Co-ordinate Reference: Well NBU 922-18J1S
TVD Reference: KB @ 4887.00ft
MD Reference: KB @ 4887.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	UINTAH COUNTY, UTAH (nad 27),		
Map System:	Universal Transverse Mercator (US Survey Fee	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 - Western US		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	NBU 922-18 PAD IJNOP				
Site Position:		Northing:	14,541,563.95ft	Latitude:	40° 1' 57.630 N
From:	Lat/Long	Easting:	2,065,363.48ft	Longitude:	109° 28' 55.042 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.00in	Grid Convergence:	0.98 °

Well	NBU 922-18J1S, 1447 FSL, 2572 FEL - SEC18 T9S R22E					
Well Position	+N/-S	0.00 ft	Northing:	14,541,623.02 ft	Latitude:	40° 1' 58.200 N
	+E/-W	0.00 ft	Easting:	2,065,445.05 ft	Longitude:	109° 28' 53.980 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,861.00ft

Wellbore	1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2008	6/16/2009	11.36	65.98	52,564

Design	1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:		Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
		0.00	0.00	0.00	55.80

Survey Program	Date 7/1/2009				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	2,735.00	Survey #1 (1)	Gyrodata RGS_WB	GyroCompass Mode	
2,913.00	9,965.00	Survey #2 (1)	MWD	MWD - Standard	

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)
2,735.00	0.75	243.59	2,734.87	-4.35	-7.01	-8.24	0.00	0.00	0.00
2,913.00	0.42	210.76	2,912.86	-5.43	-8.39	-9.99	0.26	-0.19	-18.44
2,944.00	0.42	229.07	2,943.86	-5.60	-8.53	-10.20	0.43	0.00	59.06
2,976.00	0.40	352.09	2,975.85	-5.57	-8.63	-10.27	2.25	-0.06	384.44
3,039.00	2.40	11.28	3,038.83	-4.06	-8.41	-9.23	3.22	3.17	30.46
3,134.00	4.78	15.08	3,133.64	1.72	-6.99	-4.81	2.52	2.51	4.00
3,229.00	5.70	13.75	3,228.24	10.12	-4.84	1.69	0.98	0.97	-1.40
3,324.00	7.52	28.08	3,322.61	20.19	-0.79	10.70	2.57	1.92	15.08
3,418.00	8.37	50.50	3,415.73	29.97	7.39	22.96	3.39	0.90	23.85
3,513.00	9.94	60.80	3,509.53	38.37	19.88	38.01	2.38	1.65	10.84
3,608.00	11.26	60.27	3,602.90	46.97	35.10	55.43	1.39	1.39	-0.56
3,702.00	12.11	54.43	3,694.96	57.26	51.09	74.44	1.55	0.90	-6.21

Company: ANADARKO PETROLEUM CORP.
Project: UINTAH COUNTY, UTAH (nad 27)
Site: NBU 922-18 PAD IJNOP
Well: NBU 922-18J1S
Wellbore: 1
Design: 1

Local Co-ordinate Reference: Well NBU 922-18J1S
TVD Reference: KB @ 4887.00ft
MD Reference: KB @ 4887.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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)
3,797.00	13.67	55.17	3,787.56	69.47	68.41	95.63	1.65	1.64	0.78
3,892.00	16.85	55.49	3,879.20	83.68	88.97	120.63	3.35	3.35	0.34
3,987.00	17.43	55.36	3,969.98	99.57	112.03	148.62	0.61	0.61	-0.14
4,082.00	18.50	55.26	4,060.35	116.25	136.12	177.92	1.13	1.13	-0.11
4,177.00	19.71	54.72	4,150.11	134.09	161.58	209.01	1.29	1.27	-0.57
4,271.00	18.38	50.73	4,238.97	152.63	186.00	239.63	1.98	-1.41	-4.24
4,366.00	18.94	55.73	4,328.98	170.79	210.33	269.96	1.78	0.59	5.26
4,461.00	21.30	54.47	4,418.18	189.50	237.12	302.64	2.53	2.48	-1.33
4,556.00	23.31	55.48	4,506.06	210.18	266.65	338.69	2.15	2.12	1.06
4,651.00	25.38	53.73	4,592.61	232.88	298.56	377.83	2.31	2.18	-1.84
4,745.00	28.88	59.60	4,676.27	256.30	334.40	420.64	4.68	3.72	6.24
4,840.00	27.13	61.73	4,760.15	278.17	373.26	465.07	2.12	-1.84	2.24
4,935.00	26.19	60.48	4,845.05	298.76	410.58	507.51	1.15	-0.99	-1.32
5,029.00	23.94	58.73	4,930.19	318.88	444.94	547.24	2.52	-2.39	-1.86
5,123.00	25.06	55.60	5,015.73	340.03	477.67	586.20	1.82	1.19	-3.33
5,218.00	24.00	54.98	5,102.15	362.48	510.10	625.64	1.15	-1.12	-0.65
5,312.00	25.19	54.98	5,187.62	384.94	542.13	664.76	1.27	1.27	0.00
5,407.00	24.25	55.73	5,273.92	407.52	574.81	704.48	1.04	-0.99	0.79
5,502.00	22.06	57.60	5,361.26	428.07	606.00	741.83	2.43	-2.31	1.97
5,597.00	19.19	58.85	5,450.16	445.71	634.43	775.26	3.06	-3.02	1.32
5,692.00	19.88	54.73	5,539.70	463.11	660.99	807.00	1.62	0.73	-4.34
5,787.00	18.63	55.73	5,629.38	480.99	686.71	838.32	1.36	-1.32	1.05
5,882.00	17.50	55.60	5,719.70	497.60	711.04	867.78	1.19	-1.19	-0.14
5,976.00	17.19	56.23	5,809.42	513.31	734.25	895.80	0.39	-0.33	0.67
6,071.00	15.50	57.23	5,900.58	527.98	756.59	922.53	1.80	-1.78	1.05
6,166.00	14.38	57.98	5,992.37	541.11	777.27	947.01	1.20	-1.18	0.79
6,260.00	13.63	57.60	6,083.57	553.23	796.52	969.75	0.80	-0.80	-0.40
6,355.00	12.06	59.48	6,176.19	564.27	814.52	990.84	1.71	-1.65	1.98
6,449.00	10.94	56.73	6,268.31	574.15	830.44	1,009.56	1.33	-1.19	-2.93
6,543.00	9.19	61.98	6,360.86	582.57	844.52	1,025.94	2.10	-1.86	5.59
6,638.00	7.19	68.10	6,454.89	588.35	856.74	1,039.29	2.29	-2.11	6.44
6,732.00	5.19	65.23	6,548.33	592.33	866.06	1,049.24	2.15	-2.13	-3.05
6,826.00	2.19	59.23	6,642.13	595.03	871.46	1,055.23	3.21	-3.19	-6.38
6,921.00	1.75	67.48	6,737.07	596.51	874.36	1,058.46	0.55	-0.46	8.68
7,016.00	0.44	357.85	6,832.05	597.43	875.69	1,060.07	1.74	-1.38	-73.29
7,109.00	0.00	132.35	6,925.05	597.79	875.67	1,060.26	0.47	-0.47	0.00
7,204.00	0.19	184.73	7,020.05	597.63	875.66	1,060.16	0.20	0.20	0.00
7,298.00	0.53	166.08	7,114.05	597.06	875.75	1,059.91	0.38	0.36	-19.84
7,393.00	0.81	152.10	7,209.05	596.04	876.17	1,059.69	0.34	0.29	-14.72
7,488.00	1.06	245.35	7,304.04	595.08	875.69	1,058.75	1.44	0.26	98.16
7,582.00	1.38	236.85	7,398.02	594.10	873.95	1,056.76	0.39	0.34	-9.04
7,677.00	1.31	209.35	7,492.99	592.52	872.46	1,054.64	0.68	-0.07	-28.95
7,771.00	0.88	289.48	7,586.98	591.83	871.25	1,053.25	1.54	-0.46	85.24
7,865.00	0.31	261.85	7,680.97	592.03	870.32	1,052.60	0.66	-0.61	-29.39
7,960.00	0.25	208.48	7,775.97	591.81	869.97	1,052.18	0.27	-0.06	-56.18
8,055.00	0.31	193.98	7,870.97	591.38	869.81	1,051.81	0.10	0.06	-15.26
8,150.00	1.06	174.48	7,965.96	590.26	869.83	1,051.19	0.82	0.79	-20.53
8,244.00	1.19	153.98	8,059.95	588.52	870.34	1,050.64	0.45	0.14	-21.81
8,339.00	1.81	141.10	8,154.91	586.46	871.72	1,050.62	0.74	0.65	-13.56
8,434.00	0.25	21.85	8,249.90	585.49	872.74	1,050.91	2.05	-1.64	-125.53
8,527.00	0.25	25.98	8,342.90	585.86	872.90	1,051.26	0.02	0.00	4.44
8,622.00	0.06	111.34	8,437.90	586.02	873.04	1,051.47	0.27	-0.20	89.85
8,717.00	0.38	147.10	8,532.90	585.74	873.25	1,051.49	0.35	0.34	37.64
8,812.00	0.63	175.10	8,627.89	584.96	873.47	1,051.22	0.36	0.26	29.47

Company: ANADARKO PETROLEUM CORP.
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Site: NBU 922-18 PAD IJNOP
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Wellbore: 1
Design: 1

Local Co-ordinate Reference: Well NBU 922-18J1S
TVD Reference: KB @ 4887.00ft
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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)
8,907.00	1.00	35.23	8,722.89	585.11	873.99	1,051.74	1.62	0.39	-147.23
9,001.00	0.75	45.60	8,816.88	586.21	874.91	1,053.12	0.31	-0.27	11.03
9,096.00	0.81	85.35	8,911.87	586.70	876.02	1,054.31	0.56	0.06	41.84
9,190.00	1.00	93.48	9,005.86	586.71	877.50	1,055.54	0.24	0.20	8.65
9,285.00	1.25	86.23	9,100.84	586.73	879.36	1,057.09	0.30	0.26	-7.63
9,380.00	0.94	118.98	9,195.82	586.42	881.08	1,058.34	0.72	-0.33	34.47
9,475.00	0.38	163.35	9,290.82	585.74	881.85	1,058.59	0.76	-0.59	46.71
9,569.00	0.94	169.35	9,384.81	584.68	882.08	1,058.19	0.60	0.60	6.38
9,664.00	1.06	149.98	9,479.79	583.15	882.66	1,057.82	0.38	0.13	-20.39
9,759.00	0.19	306.73	9,574.79	582.49	882.98	1,057.70	1.30	-0.92	165.00
9,854.00	0.01	289.02	9,669.79	582.58	882.84	1,057.64	0.19	-0.19	-18.64
9,911.00	0.13	235.60	9,726.79	582.55	882.79	1,057.58	0.22	0.21	-93.72
EXT.TD									
9,965.00	0.13	235.60	9,780.79	582.48	882.68	1,057.45	0.00	0.00	0.00

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,965.00	9,780.79	582.48	882.68	EXT.TD

Checked By: _____ Approved By: _____ Date: _____