



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 922-18P2S
T9S R22E
Section 18: ~~SE~~ ^{NW}SESE
NWSE 1436' FSL, 2588' FEL (surface)
SESE 988' FSL, 745' 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 922-18P2S 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 922-18P2S
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1436'FSL, 2588'FEL At proposed prod. Zone SE/SE 988'FSL, 745'FEL		9. API Well No. 43-047-39830
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 10,021'	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) BRADLEY G. HILL	Date 11-03-07
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)

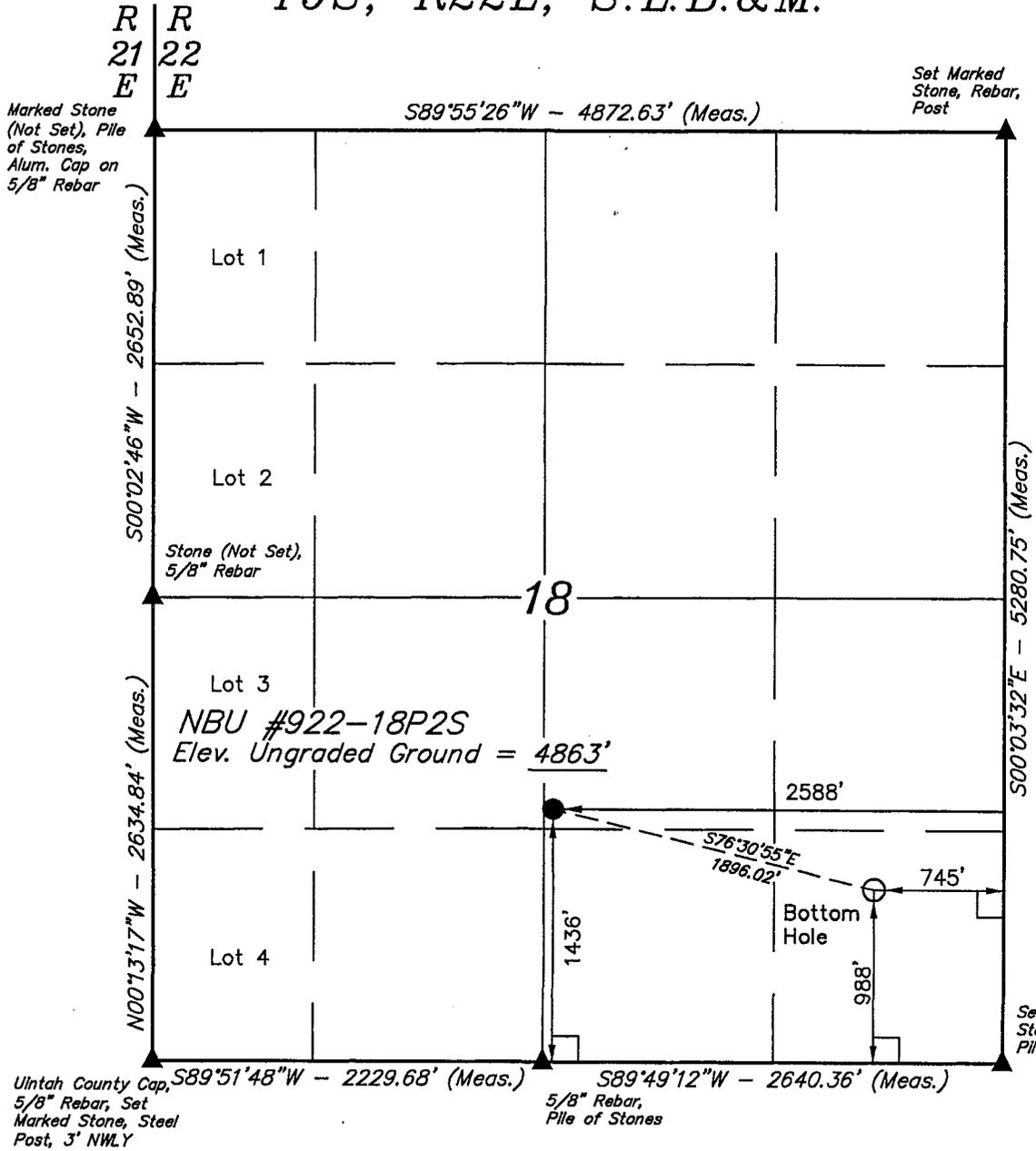
Surf
629534X
4432279Y
40.032688
-109.481838

Bill
638099X
4432154Y
40.031476
-109.475242

Federal Approval of this
Action is Necessary

RECEIVED
NOV 20 2007
DIV. OF OIL, GAS & MINING

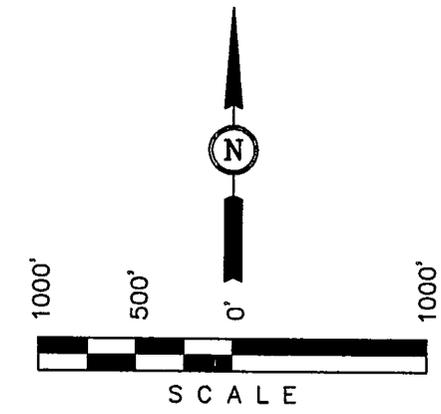
T9S, R22E, S.L.B.&M.



Kerr-McGee Oil & Gas Onshore LP
 Well location, NBU #922-18P2S, 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 WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER SUPERVISION AND THAT THE SAME ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT E. RAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161219
 STATE OF UTAH

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

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	

LEGEND:
 L-shaped symbol = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 40°01'57.67" (40.032686)
 LONGITUDE = 109°28'57.19" (109.482553)
 (NAD 27)
 LATITUDE = 40°01'57.80" (40.032722)
 LONGITUDE = 109°28'54.72" (109.481867)

**NBU 922-18P2S
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	1713'
Top of Birds Nest Water	1983'
Mahogany	2325'
Wasatch	4920'
Mesaverde	7574'
MVU2	8561'
MVL1	9055'
TVD	9650'
TD (MD)	10,021'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1713'
	Top of Birds Nest Water	1983'
	Mahogany	2325'
Gas	Wasatch	4920'
Gas	Mesaverde	7574'
Gas	MVU2	8561'
Gas	MVL1	9055'
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 10,021' TD, approximately equals 6213 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4008 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
NBU #922-18J3S, J1S, 13S, P2S, O1BS, P3S, O1CS,
O3AS, O3DS, N2S, N2AS, N2CS
SECTION 18, T9S, R22E, S.L.B.&M.

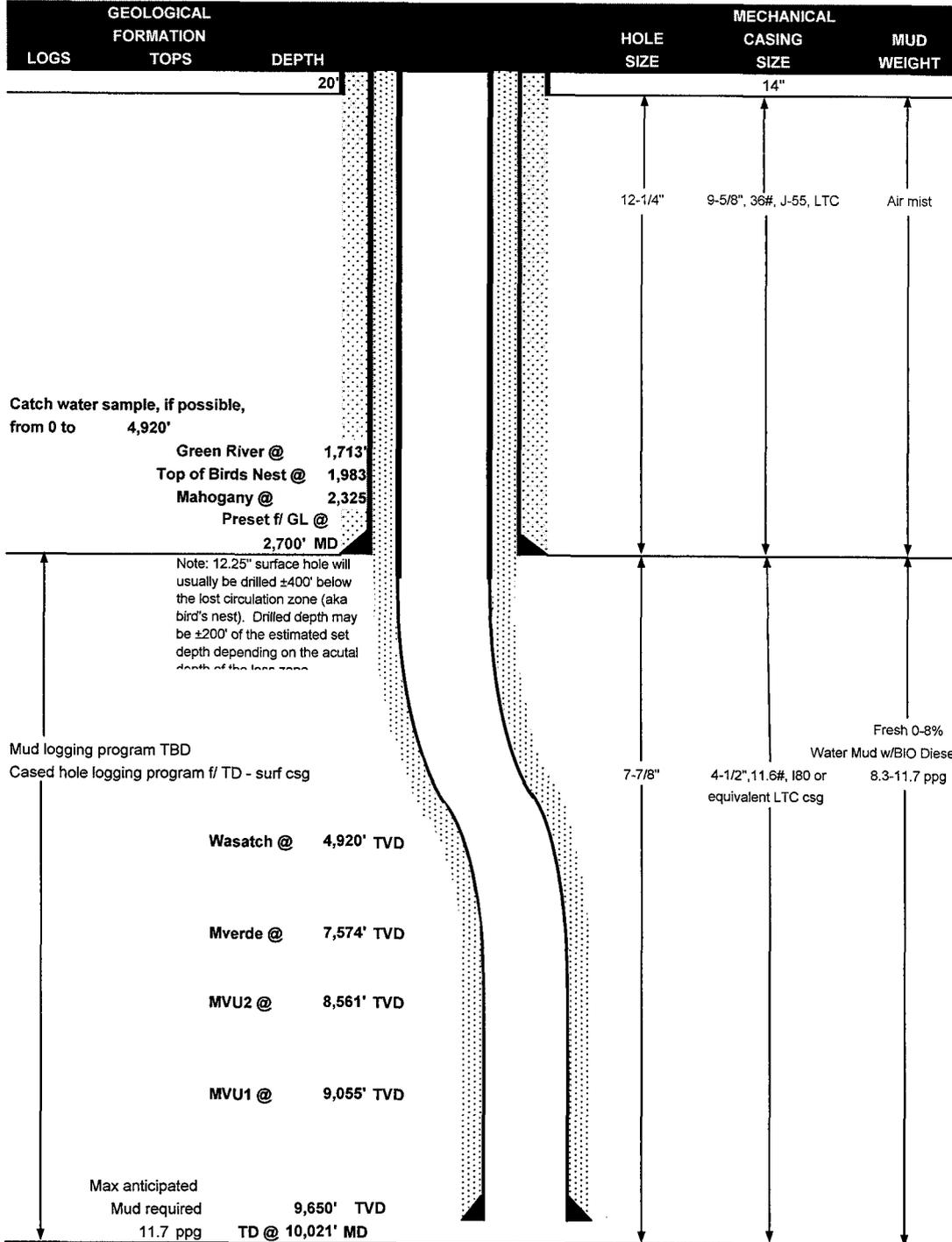
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD 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 DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE November 16, 2007
 WELL NAME NBU 922-18P2S TD 10,021' MD 9,650' TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,861' GL KB 4,876'
 SURFACE LOCATION NW/SE SEC. 18, T9S, R22E 1436'FSL, 2588'FEL
 Latitude: 40.032686 Longitude: 109.482553
 BTM HOLE LOCATION SE/SE SEC.18, T9S, R22E 998'FSL, 745'FEL
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: TRIBAL SURFACE, BLM MINERALS, UDOGM, Tri-County Health Dept.





**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
						0.90	1.60	5.93
PRODUCTION	4-1/2"	0 to 10021	11.60	I-80	LTC	7780	6350	201000
						2.00	1.04	1.98

- 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 3892 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
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized 65/35 Poz + 6% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81
	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	7,071'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	770	60%	11.00
	TAIL	2,950'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	830	60%	14.30	1.31

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

FLOAT EQUIPMENT & CENTRALIZERS

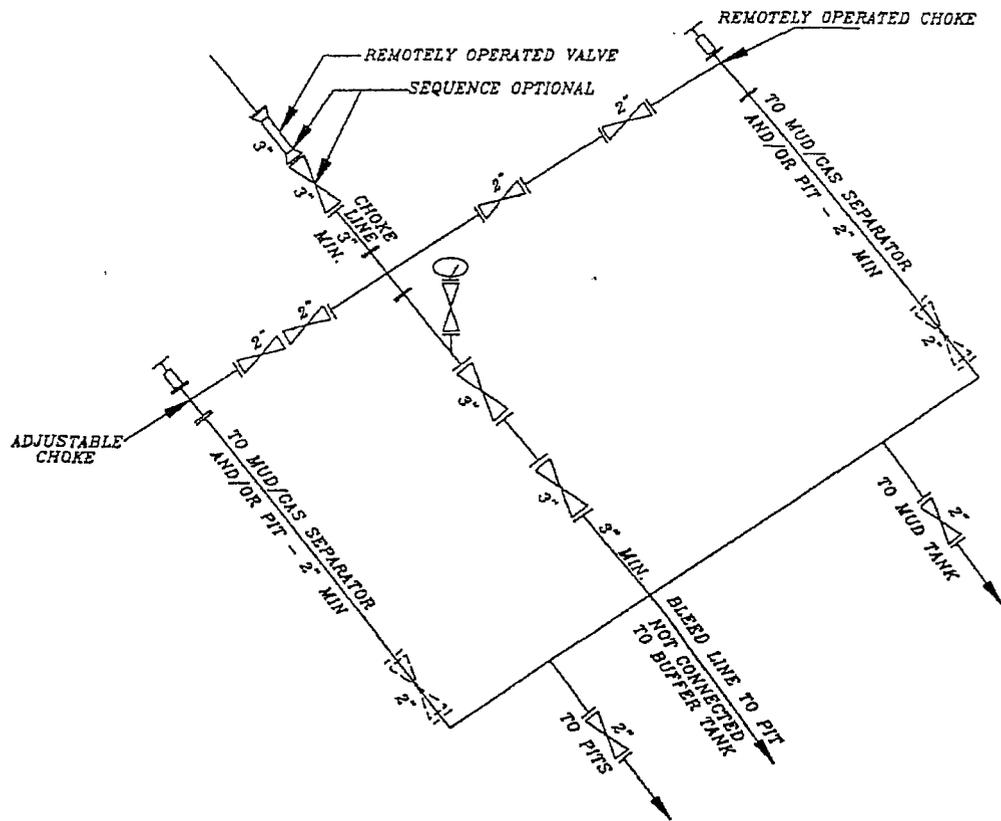
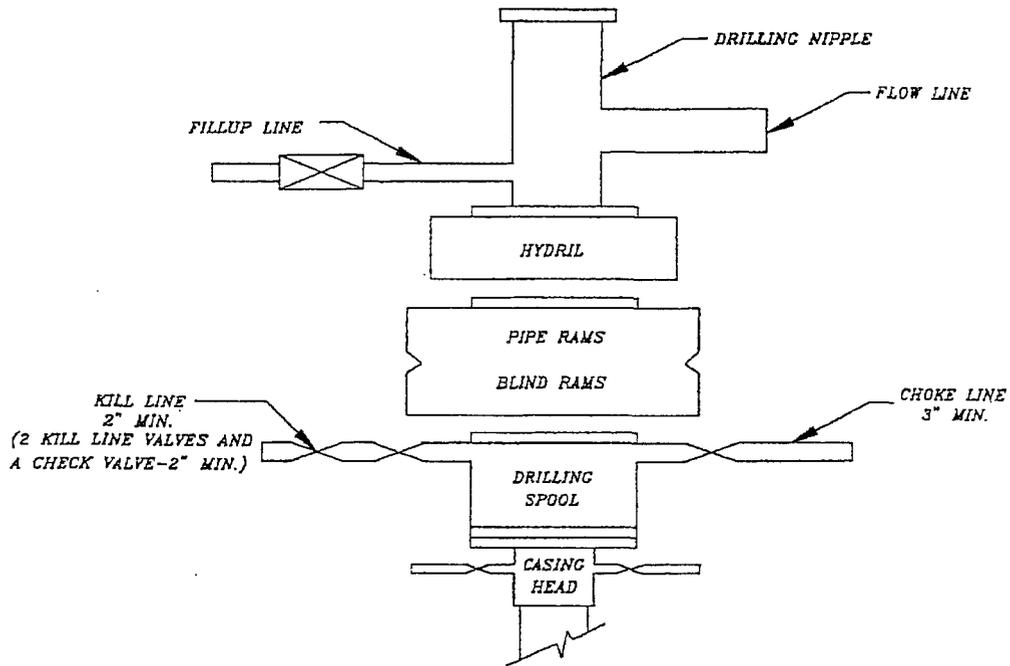
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

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

5M BOP STACK and CHOKE MANIFOLD SYSTEM





Weatherford[®]

Drilling Services

Proposal



ANADARKO - KERR MCGEE

NBU 922-18P2S

UINTAH COUNTY, UTAH

WELL FILE: PLAN 1

DATE: SEPTEMBER 24, 2007

Weatherford International, Ltd.

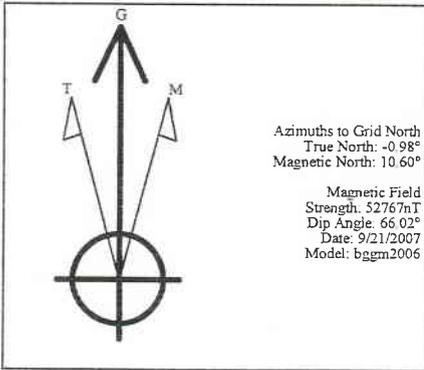
15710 John F. Kennedy Blvd

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	102.68	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	102.68	300.00	0.00	0.00	0.00	102.68	0.00	
3	966.67	10.00	102.68	963.29	-12.73	56.62	1.50	102.68	58.03	
4	2791.10	10.00	102.68	2760.00	-82.25	365.70	0.00	0.00	374.84	
5	3591.10	30.00	102.68	3507.94	-141.98	631.30	2.50	0.00	647.07	
6	5069.79	30.00	102.68	4788.53	-304.21	1352.63	0.00	0.00	1386.41	
7	7069.79	0.00	102.68	6698.39	-416.50	1851.90	1.50	180.00	1898.16	
8	10021.40	0.00	102.68	9650.00	-416.50	1851.90	0.00	0.00	1898.16	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
18P2S	0.00	0.00	14541564.60	2065395.90	40°01'57.631N	109°28'54.625W	N/A

CASING DETAILS				
No.	TVD	MD	Name	Size
1	2700.00	2730.17	9 5/8"	9.62

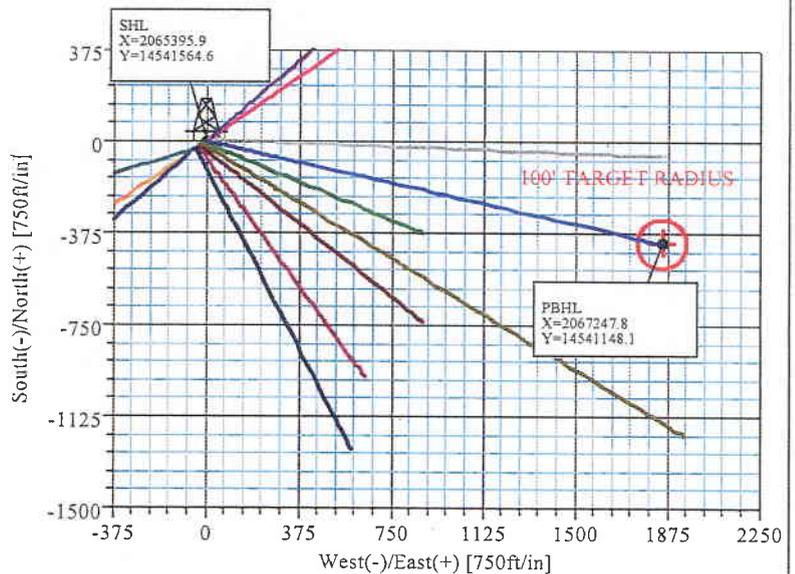
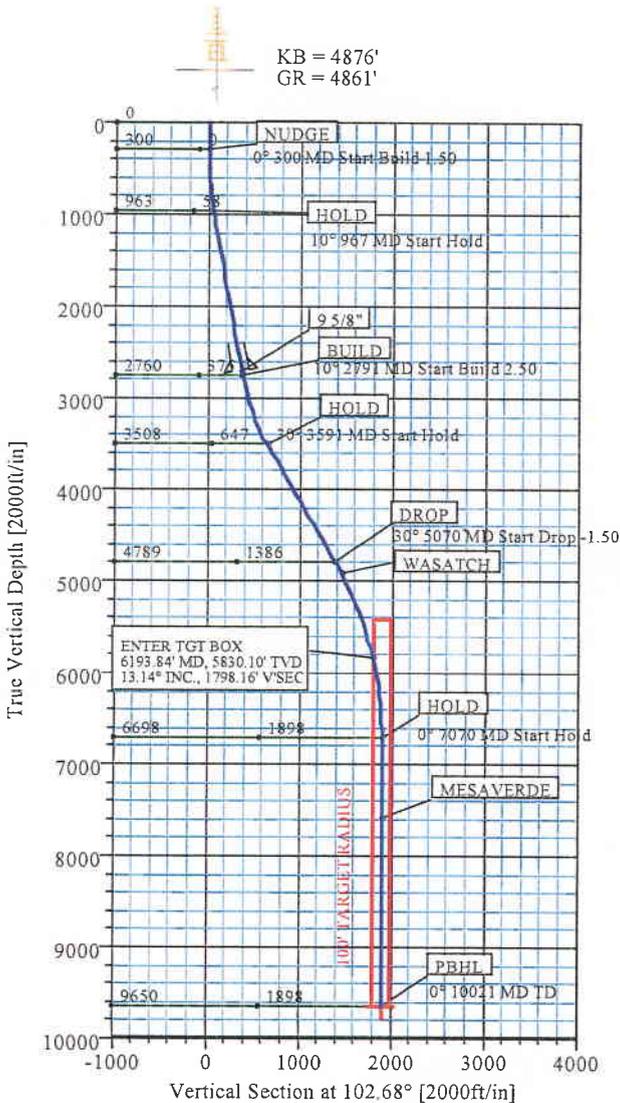
FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	4920.00	5219.93	WASATCH
2	7574.00	7945.40	MESAVERDE

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	
1813S (1)	
1813S (1)	
1813S (1)	
18N2AS (1)	
18N2CS (1)	
18N2S (1)	
18O1BS (1)	
18O1CS (1)	
18O3AS (1)	
18O3DS (1)	
18P3S (1)	
Plan #1 18P2S	



Weatherford Drilling Services

DIRECTIONAL PLAN REPORT



Company: Anadarko-Kerr-McGee	Date: 9/28/2007	Time: 08:11:56	Page: 1
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference: Site: NBU 922-18P2S PAD IJNOP, Grid Nort		
Site: NBU 922-18P2S PAD IJNOP	Vertical (TVD) Reference: SITE 4876.0		
Well: 18P2S	Section (VS) Reference: Well (0.00N,0.00E,102.68Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #1 18P2S	Date Composed: 9/21/2007	
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 922-18P2S PAD IJNOP

1436 FSL, 2588 FEL - SEC18 T9S R22E

Site Position:	Northing: 14541564.60 ft	Latitude: 40 1 57.631 N
From: Map	Easting: 2065395.90 ft	Longitude: 109 28 54.625 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 4861.00 ft		Grid Convergence: 0.98 deg

Well: 18P2S	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 14541564.60 ft	Latitude: 40 1 57.631 N
+E/-W 0.00 ft	Easting: 2065395.90 ft	Longitude: 109 28 54.625 W
Position Uncertainty: 0.00 ft		

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 ft	+E/-W ft
0.00	0.00	0.00
		102.68

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	102.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	102.68	300.00	0.00	0.00	0.00	0.00	0.00	102.68	
966.67	10.00	102.68	963.29	-12.73	56.62	1.50	1.50	0.00	102.68	
2791.10	10.00	102.68	2760.00	-82.25	365.70	0.00	0.00	0.00	0.00	
3591.10	30.00	102.68	3507.94	-141.98	631.30	2.50	2.50	0.00	0.00	
5069.79	30.00	102.68	4788.53	-304.21	1352.63	0.00	0.00	0.00	0.00	
7069.79	0.00	102.68	6698.39	-416.50	1851.90	1.50	-1.50	0.00	180.00	
10021.40	0.00	102.68	9650.00	-416.50	1851.90	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	102.68	300.00	0.00	0.00	0.00	0.00	14541564.60	2065395.90	NUDGE
400.00	1.50	102.68	399.99	-0.29	1.28	1.31	1.50	14541564.31	2065397.18	
500.00	3.00	102.68	499.91	-1.15	5.11	5.23	1.50	14541563.45	2065401.01	
600.00	4.50	102.68	599.69	-2.58	11.49	11.77	1.50	14541562.02	2065407.39	
700.00	6.00	102.68	699.27	-4.59	20.41	20.92	1.50	14541560.01	2065416.31	
800.00	7.50	102.68	798.57	-7.17	31.88	32.68	1.50	14541557.43	2065427.78	
900.00	9.00	102.68	897.54	-10.32	45.88	47.03	1.50	14541554.28	2065441.78	
966.67	10.00	102.68	963.29	-12.73	56.62	58.03	1.50	14541551.87	2065452.52	HOLD
1000.00	10.00	102.68	996.11	-14.00	62.26	63.82	0.00	14541550.60	2065458.16	
1100.00	10.00	102.68	1094.59	-17.81	79.20	81.18	0.00	14541546.79	2065475.10	
1200.00	10.00	102.68	1193.08	-21.62	96.15	98.55	0.00	14541542.98	2065492.05	
1300.00	10.00	102.68	1291.56	-25.43	113.09	115.91	0.00	14541539.17	2065508.99	
1400.00	10.00	102.68	1390.04	-29.24	130.03	133.28	0.00	14541535.36	2065525.93	
1500.00	10.00	102.68	1488.52	-33.05	146.97	150.64	0.00	14541531.55	2065542.87	

Weatherford Drilling Services

DIRECTIONAL PLAN REPORT



Company: Anadarko-Kerr-McGee	Date: 9/28/2007	Time: 08:11:56	Page: 2
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18P2S PAD IJNOP, Grid Nort	
Site: NBU 922-18P2S PAD IJNOP	Vertical (TVD) Reference:	SITE 4876.0	
Well: 18P2S	Section (VS) Reference:	Well (0.00N,0.00E,102.68Azi)	
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
1600.00	10.00	102.68	1587.00	-36.86	163.91	168.01	0.00	14541527.74	2065559.81	
1700.00	10.00	102.68	1685.48	-40.67	180.85	185.37	0.00	14541523.93	2065576.75	
1800.00	10.00	102.68	1783.96	-44.49	197.80	202.74	0.00	14541520.11	2065593.70	
1900.00	10.00	102.68	1882.44	-48.30	214.74	220.10	0.00	14541516.30	2065610.64	
2000.00	10.00	102.68	1980.92	-52.11	231.68	237.47	0.00	14541512.49	2065627.58	
2100.00	10.00	102.68	2079.40	-55.92	248.62	254.83	0.00	14541508.68	2065644.52	
2200.00	10.00	102.68	2177.88	-59.73	265.56	272.20	0.00	14541504.87	2065661.46	
2300.00	10.00	102.68	2276.36	-63.54	282.50	289.56	0.00	14541501.06	2065678.40	
2400.00	10.00	102.68	2374.84	-67.35	299.45	306.93	0.00	14541497.25	2065695.35	
2500.00	10.00	102.68	2473.33	-71.16	316.39	324.29	0.00	14541493.44	2065712.29	
2600.00	10.00	102.68	2571.81	-74.97	333.33	341.66	0.00	14541489.63	2065729.23	
2700.00	10.00	102.68	2670.29	-78.78	350.27	359.02	0.00	14541485.82	2065746.17	
2730.17	10.00	102.68	2700.00	-79.93	355.38	364.26	0.00	14541484.67	2065751.28	9 5/8"
2791.10	10.00	102.68	2760.00	-82.25	365.70	374.84	0.00	14541482.35	2065761.60	BUILD
2800.00	10.22	102.68	2768.77	-82.59	367.23	376.40	2.50	14541482.01	2065763.13	
2900.00	12.72	102.68	2866.76	-86.96	386.63	396.29	2.50	14541477.64	2065782.53	
3000.00	15.22	102.68	2963.79	-92.25	410.19	420.43	2.50	14541472.35	2065806.09	
3100.00	17.72	102.68	3059.68	-98.47	437.85	448.79	2.50	14541466.13	2065833.75	
3200.00	20.22	102.68	3154.24	-105.61	469.57	481.30	2.50	14541458.99	2065865.47	
3300.00	22.72	102.68	3247.29	-113.64	505.28	517.90	2.50	14541450.96	2065901.18	
3400.00	25.22	102.68	3338.66	-122.55	544.91	558.53	2.50	14541442.05	2065940.81	
3500.00	27.72	102.68	3428.17	-132.33	588.40	603.10	2.50	14541432.27	2065984.30	
3591.10	30.00	102.68	3507.94	-141.98	631.30	647.07	2.50	14541422.62	2066027.20	HOLD
3600.00	30.00	102.68	3515.65	-142.96	635.64	651.52	0.00	14541421.64	2066031.54	
3700.00	30.00	102.68	3602.26	-153.93	684.42	701.52	0.00	14541410.67	2066080.32	
3800.00	30.00	102.68	3688.86	-164.90	733.21	751.52	0.00	14541399.70	2066129.11	
3900.00	30.00	102.68	3775.46	-175.87	781.99	801.52	0.00	14541388.73	2066177.89	
4000.00	30.00	102.68	3862.06	-186.84	830.77	851.52	0.00	14541377.76	2066226.67	
4100.00	30.00	102.68	3948.67	-197.81	879.55	901.52	0.00	14541366.79	2066275.45	
4200.00	30.00	102.68	4035.27	-208.79	928.33	951.52	0.00	14541355.81	2066324.23	
4300.00	30.00	102.68	4121.87	-219.76	977.11	1001.52	0.00	14541344.84	2066373.01	
4400.00	30.00	102.68	4208.47	-230.73	1025.89	1051.52	0.00	14541333.87	2066421.79	
4500.00	30.00	102.68	4295.08	-241.70	1074.68	1101.52	0.00	14541322.90	2066470.58	
4600.00	30.00	102.68	4381.68	-252.67	1123.46	1151.52	0.00	14541311.93	2066519.36	
4700.00	30.00	102.68	4468.28	-263.64	1172.24	1201.52	0.00	14541300.96	2066568.14	
4800.00	30.00	102.68	4554.88	-274.61	1221.02	1251.52	0.00	14541289.99	2066616.92	
4900.00	30.00	102.68	4641.49	-285.58	1269.80	1301.52	0.00	14541279.02	2066665.70	
5000.00	30.00	102.68	4728.09	-296.55	1318.58	1351.52	0.00	14541268.05	2066714.48	
5069.79	30.00	102.68	4788.53	-304.21	1352.63	1386.41	0.00	14541260.39	2066748.53	DROP
5100.00	29.55	102.68	4814.75	-307.50	1367.26	1401.42	1.50	14541257.10	2066763.16	
5200.00	28.05	102.68	4902.38	-318.07	1414.26	1449.59	1.50	14541246.53	2066810.16	
5219.93	27.75	102.68	4920.00	-320.12	1423.36	1458.91	1.50	14541244.48	2066819.26	WASATCH
5300.00	26.55	102.68	4991.24	-328.14	1459.00	1495.44	1.50	14541236.46	2066854.90	
5400.00	25.05	102.68	5081.28	-337.68	1501.46	1538.96	1.50	14541226.92	2066897.36	
5500.00	23.55	102.68	5172.42	-346.71	1541.60	1580.11	1.50	14541217.89	2066937.50	
5600.00	22.05	102.68	5264.60	-355.21	1579.40	1618.85	1.50	14541209.39	2066975.30	
5700.00	20.55	102.68	5357.77	-363.18	1614.83	1655.17	1.50	14541201.42	2067010.73	
5800.00	19.05	102.68	5451.86	-370.61	1647.88	1689.04	1.50	14541193.99	2067043.78	
5900.00	17.55	102.68	5546.80	-377.50	1678.50	1720.43	1.50	14541187.10	2067074.40	
6000.00	16.05	102.68	5642.53	-383.84	1706.70	1749.33	1.50	14541180.76	2067102.60	
6100.00	14.55	102.68	5738.98	-389.63	1732.43	1775.71	1.50	14541174.97	2067128.33	
6193.84	13.14	102.68	5830.10	-394.56	1754.34	1798.16	1.50	14541170.04	2067150.24	ENTER TARGET

Weatherford Drilling Services

DIRECTIONAL PLAN REPORT



Company: Anadarko-Kerr-McGee	Date: 9/28/2007	Time: 08:11:56	Page: 4
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18P2S PAD IJNOP, Grid Nort	
Site: NBU 922-18P2S PAD IJNOP	Vertical (TVD) Reference:	SITE 4876.0	
Well: 18P2S	Section (VS) Reference:	Well (0,00N,0.00E,102.68Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2730.17	2700.00	9.62	12.25	9 5/8"

Annotation

MD ft	TVD ft	Description
300.00	300.00	NUDGE
966.67	963.29	HOLD
2791.10	2760.00	BUILD
3591.10	3507.95	HOLD
5069.79	4788.53	DROP
6193.84	5830.10	ENTER TARGET
7069.79	6698.39	HOLD
10021.40	9650.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
5219.93	4920.00	WASATCH		0.00	0.00
7945.40	7574.00	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 922-18P2S
 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 14541564.600 USFT	Latitude 40.0326753 DEG
East/West 2065395.900 USFT	Longitude -109.4818402 DEG
Grid Convergence: .97671084°	
Total Correction: +10.5910°	

Geodetic Location WGS84	Elevation = 1482.0 Meters
Latitude = 40.03268° N	40° 1 min 57.631 sec.
Longitude = 109.48184° W	109° 28 min 54.625 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: _____

Company:	Anadarko-Kerr-McGee	Date:	9/24/2007	Time:	10:53:07	Page:	1
Field:	UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)						
Reference Site:	NBU 922-18P2S PAD IJNOP	Co-ordinate(NE) Reference:	Site: NBU 922-18P2S PAD IJNOP, Grid Nort				
Reference Well:	18P2S	Vertical (TVD) Reference:	SITE 4876.0				
Reference Wellpath:	1					Db:	Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria		Reference:	Plan: Plan #1 18P2S
Interpolation Method:	MD	Error Model:	ISCWSA Ellipse
Interval:	100.00 ft	Scan Method:	Closest Approach 3D
Depth Range:	0.00 to 10021.40 ft	Error Surface:	Ellipse
Maximum Radius:	10000.00 ft		

Plan:	Plan #1 18P2S	Date Composed:	9/21/2007
Principal:	Yes	Version:	1
		Tied-to:	From Surface

Summary

Site	Well	Wellpath	Reference MD ft	Offset MD ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
NBU 922-18O1BS PAD IJNOP	18O1BS	1 V0 Plan: Plan #1 18O	500.00	500.18	11.68	9.82	6.28	

Site: NBU 922-18O1BS PAD IJNOP
Well: 18O1BS
Wellpath: 1 V0 Plan: Plan #1 18O1BS V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
0.00	0.00	0.00	0.00	0.00	0.00	231.87	-6.20	-7.90	10.04			No Data
100.00	100.00	100.00	100.00	0.09	0.09	231.87	-6.20	-7.90	10.04	9.86	56.41	
200.00	200.00	200.00	200.00	0.30	0.30	231.87	-6.20	-7.90	10.04	9.45	16.82	
300.00	300.00	300.00	300.00	0.51	0.51	231.87	-6.20	-7.90	10.04	9.03	9.89	
400.00	399.99	400.09	400.08	0.72	0.72	130.59	-6.53	-7.09	10.44	9.01	7.27	
500.00	499.91	500.18	500.14	0.93	0.93	134.16	-7.54	-4.67	11.68	9.82	6.28	
600.00	599.69	600.13	600.02	1.15	1.14	141.37	-8.88	-1.45	14.39	12.10	6.29	
700.00	699.27	699.96	699.80	1.39	1.36	150.50	-10.21	1.77	19.48	16.76	7.16	
800.00	798.57	799.61	799.38	1.66	1.58	158.01	-11.54	4.98	27.26	24.11	8.66	
900.00	897.54	899.00	898.72	1.94	1.79	163.34	-12.87	8.19	37.80	34.22	10.56	
1000.00	996.11	998.10	997.75	2.27	2.01	166.99	-14.19	11.38	50.91	46.89	12.68	
1100.00	1094.59	1097.11	1096.71	2.60	2.22	169.26	-15.52	14.57	64.71	60.25	14.52	
1200.00	1193.08	1196.13	1195.67	2.95	2.44	170.73	-16.84	17.77	78.57	73.67	16.03	
1300.00	1291.56	1295.15	1294.63	3.30	2.66	171.76	-18.17	20.96	92.47	87.12	17.30	
1400.00	1390.04	1394.17	1393.58	3.65	2.87	172.52	-19.49	24.15	106.39	100.59	18.37	
1500.00	1488.52	1493.19	1492.54	4.01	3.09	173.10	-20.81	27.34	120.32	114.08	19.29	
1600.00	1587.00	1592.20	1591.50	4.37	3.31	173.57	-22.14	30.53	134.26	127.58	20.08	
1700.00	1685.48	1691.22	1690.46	4.73	3.52	173.94	-23.46	33.73	148.21	141.08	20.77	
1800.00	1783.96	1790.24	1789.41	5.09	3.74	174.25	-24.78	36.92	162.17	154.59	21.39	
1900.00	1882.44	1889.26	1888.37	5.45	3.96	174.52	-26.11	40.11	176.13	168.10	21.93	
2000.00	1980.92	1988.28	1987.33	5.82	4.17	174.74	-27.43	43.30	190.09	181.61	22.41	
2100.00	2079.40	2087.29	2086.29	6.18	4.39	174.93	-28.75	46.50	204.06	195.13	22.85	
2200.00	2177.88	2186.31	2185.24	6.55	4.61	175.10	-30.08	49.69	218.03	208.64	23.24	
2300.00	2276.36	2285.33	2284.20	6.91	4.82	175.25	-31.40	52.88	231.99	222.16	23.60	
2400.00	2374.84	2384.35	2383.16	7.28	5.04	175.38	-32.72	56.07	245.96	235.68	23.92	
2500.00	2473.33	2483.37	2482.12	7.64	5.26	175.50	-34.05	59.26	259.94	249.20	24.22	
2600.00	2571.81	2582.38	2581.07	8.01	5.47	175.60	-35.37	62.46	273.91	262.73	24.50	
2700.00	2670.29	2681.40	2680.03	8.38	5.69	175.70	-36.70	65.65	287.88	276.25	24.75	
2800.00	2768.77	2780.42	2778.99	8.74	5.91	175.78	-38.02	68.84	301.87	289.79	24.98	
2900.00	2866.76	2891.31	2889.72	9.15	6.16	175.80	-40.20	74.09	316.85	304.30	25.25	
3000.00	2963.79	3005.97	3003.80	9.61	6.45	175.64	-44.57	84.64	331.44	318.43	25.46	
3100.00	3059.68	3121.51	3118.03	10.13	6.78	175.33	-51.18	100.59	345.53	332.04	25.63	
3200.00	3154.24	3237.88	3232.06	10.72	7.16	174.87	-60.06	122.00	359.07	345.12	25.74	
3300.00	3247.29	3355.05	3345.53	11.37	7.60	174.27	-71.23	148.94	372.06	357.63	25.79	
3400.00	3338.66	3472.97	3458.07	12.10	8.12	173.56	-84.70	181.42	384.48	369.56	25.77	
3500.00	3428.17	3586.34	3564.48	12.89	8.69	172.77	-99.67	217.52	396.49	381.04	25.67	

Company:	Anadarko-Kerr-McGee	Date:	9/24/2007	Time:	10:53:07	Page:	2
Field:	UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18P2S PAD IJNOP, Grid Nort				
Reference Site:	NBU 922-18P2S PAD IJNOP	Vertical (TVD) Reference:	SITE 4876.0				
Reference Well:	18P2S						
Reference Wellpath:	1	Db: Sybase					

Site: NBU 922-18O1BS PAD IJNOP
 Well: 18O1BS
 Wellpath: 1 V0 Plan: Plan #1 18O1BS V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
3600.00	3515.65	3685.11	3656.70	13.76	9.24	172.13	-113.22	250.21	411.50	395.46	25.66	
3700.00	3602.26	3783.62	3748.66	14.67	9.81	171.61	-126.74	282.82	428.32	411.57	25.58	
3800.00	3688.86	3882.12	3840.62	15.59	10.39	171.13	-140.26	315.43	445.17	427.69	25.47	
3900.00	3775.46	3980.63	3932.58	16.51	11.00	170.69	-153.79	348.04	462.04	443.82	25.36	
4000.00	3862.06	4079.13	4024.54	17.44	11.61	170.28	-167.31	380.65	478.94	459.97	25.24	
4100.00	3948.67	4177.64	4116.51	18.38	12.24	169.90	-180.83	413.26	495.87	476.12	25.11	
4200.00	4035.27	4276.14	4208.47	19.32	12.87	169.54	-194.35	445.87	512.81	492.28	24.97	
4300.00	4121.87	4374.65	4300.43	20.26	13.52	169.20	-207.87	478.48	529.78	508.44	24.83	
4400.00	4208.47	4473.15	4392.39	21.21	14.17	168.89	-221.39	511.09	546.76	524.61	24.69	
4500.00	4295.08	4571.66	4484.36	22.16	14.83	168.59	-234.91	543.69	563.75	540.79	24.55	
4600.00	4381.68	4670.16	4576.32	23.11	15.49	168.31	-248.43	576.30	580.76	556.97	24.41	
4700.00	4468.28	4768.67	4668.28	24.07	16.16	168.05	-261.95	608.91	597.78	573.15	24.27	
4800.00	4554.88	4867.17	4760.24	25.03	16.83	167.80	-275.47	641.52	614.81	589.34	24.13	
4900.00	4641.49	4954.91	4842.38	25.99	17.20	167.61	-287.29	670.02	632.54	606.47	24.26	
5000.00	4728.09	5039.68	4922.37	26.95	17.46	167.50	-298.03	695.92	652.28	625.71	24.55	
5100.00	4814.75	5123.74	5002.30	27.87	17.70	167.48	-308.00	719.98	673.91	646.89	24.94	
5200.00	4902.38	5207.40	5082.39	28.55	17.94	167.53	-317.26	742.30	695.65	668.42	25.55	
5300.00	4991.24	5290.79	5162.73	29.20	18.15	167.60	-325.82	762.94	716.88	689.45	26.14	
5400.00	5081.28	5373.92	5243.28	29.81	18.34	167.69	-333.67	781.89	737.59	710.01	26.75	
5500.00	5172.42	5456.78	5324.00	30.40	18.52	167.78	-340.84	799.17	757.77	730.07	27.36	
5600.00	5264.60	5539.39	5404.86	30.94	18.67	167.89	-347.31	814.78	777.42	749.63	27.98	
5700.00	5357.77	5621.75	5485.83	31.46	18.81	168.00	-353.10	828.73	796.53	768.68	28.61	
5800.00	5451.86	5703.88	5566.87	31.93	18.92	168.12	-358.20	841.04	815.09	787.23	29.25	
5900.00	5546.80	5785.78	5647.95	32.36	19.01	168.25	-362.62	851.70	833.10	805.25	29.92	
6000.00	5642.53	5867.46	5729.04	32.76	19.07	168.39	-366.37	860.73	850.55	822.76	30.60	
6100.00	5738.98	5948.92	5810.11	33.12	19.11	168.54	-369.44	868.15	867.44	839.75	31.32	
6200.00	5836.10	6030.18	5891.12	33.44	19.14	168.69	-371.84	873.95	883.77	856.20	32.06	
6300.00	5933.80	6111.23	5972.04	33.71	19.13	168.85	-373.59	878.15	899.52	872.12	32.83	
6400.00	6032.03	6192.09	6052.85	33.95	19.11	169.02	-374.67	880.76	914.70	887.51	33.65	
6500.00	6130.71	6272.76	6133.51	34.15	19.06	169.19	-375.09	881.78	929.29	902.36	34.51	
6600.00	6229.78	6369.03	6229.78	34.31	19.11	169.38	-375.10	881.80	942.60	907.87	27.14	
6700.00	6329.18	6468.43	6329.18	34.43	19.19	169.53	-375.10	881.80	953.39	918.72	27.50	
6800.00	6428.82	6568.07	6428.82	34.51	19.27	169.64	-375.10	881.80	961.61	927.02	27.80	
6900.00	6528.65	6667.91	6528.65	34.56	19.36	169.72	-375.10	881.80	967.27	932.77	28.04	
7000.00	6628.60	6767.85	6628.60	34.56	19.44	169.76	-375.10	881.80	970.36	935.96	28.21	
7100.00	6728.60	6867.85	6728.60	34.54	19.53	272.44	-375.10	881.80	970.98	916.78	17.91	
7200.00	6828.60	6967.85	6828.60	34.58	19.62	272.44	-375.10	881.80	970.98	916.65	17.87	
7300.00	6928.60	7067.85	6928.60	34.62	19.72	272.44	-375.10	881.80	970.98	916.52	17.83	
7400.00	7028.60	7167.85	7028.60	34.67	19.81	272.44	-375.10	881.80	970.98	916.38	17.78	
7500.00	7128.60	7267.85	7128.60	34.71	19.91	272.44	-375.10	881.80	970.98	916.24	17.74	
7600.00	7228.60	7367.85	7228.60	34.75	20.01	272.44	-375.10	881.80	970.98	916.10	17.69	
7700.00	7328.60	7467.85	7328.60	34.80	20.11	272.44	-375.10	881.80	970.98	915.95	17.64	
7800.00	7428.60	7567.85	7428.60	34.84	20.21	272.44	-375.10	881.80	970.98	915.81	17.60	
7900.00	7528.60	7667.85	7528.60	34.89	20.31	272.44	-375.10	881.80	970.98	915.65	17.55	
8000.00	7628.60	7767.85	7628.60	34.94	20.41	272.44	-375.10	881.80	970.98	915.50	17.50	
8100.00	7728.60	7867.85	7728.60	34.99	20.52	272.44	-375.10	881.80	970.98	915.34	17.45	
8200.00	7828.60	7967.85	7828.60	35.04	20.63	272.44	-375.10	881.80	970.98	915.19	17.40	
8300.00	7928.60	8067.85	7928.60	35.09	20.74	272.44	-375.10	881.80	970.98	915.02	17.35	
8400.00	8028.60	8167.85	8028.60	35.15	20.85	272.44	-375.10	881.80	970.98	914.86	17.30	
8500.00	8128.60	8267.85	8128.60	35.20	20.96	272.44	-375.10	881.80	970.98	914.69	17.25	
8600.00	8228.60	8367.85	8228.60	35.26	21.08	272.44	-375.10	881.80	970.98	914.52	17.20	



Weatherford Drilling Services

Anticollision Report



Weatherford

Company:	Anadarko-Kerr-McGee	Date:	9/24/2007	Time:	10:53:07	Page:	3
Field:	UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)						
Reference Site:	NBU 922-18P2S PAD IJNOP	Co-ordinate(NE) Reference:	Site: NBU 922-18P2S PAD IJNOP, Grid Nort				
Reference Well:	18P2S	Vertical (TVD) Reference:	SITE 4876.0				
Reference Wellpath:	1					Db:	Sybase

Site: NBU 922-18O1BS PAD IJNOP
Well: 18O1BS
Wellpath: 1 V0 Plan: Plan #1 18O1BS V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
MD ft	TVD ft	MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
8700.00	8328.60	8467.85	8328.60	35.32	21.19	272.44	-375.10	881.80	970.98	914.35	17.14	
8800.00	8428.60	8567.85	8428.60	35.37	21.31	272.44	-375.10	881.80	970.98	914.17	17.09	
8900.00	8528.60	8667.85	8528.60	35.43	21.43	272.44	-375.10	881.80	970.98	914.00	17.04	
9000.00	8628.60	8767.85	8628.60	35.49	21.55	272.44	-375.10	881.80	970.98	913.82	16.98	
9100.00	8728.60	8867.85	8728.60	35.56	21.67	272.44	-375.10	881.80	970.98	913.63	16.93	
9200.00	8828.60	8967.85	8828.60	35.62	21.79	272.44	-375.10	881.80	970.98	913.45	16.88	
9300.00	8928.60	9067.85	8928.60	35.68	21.91	272.44	-375.10	881.80	970.98	913.26	16.82	
9400.00	9028.60	9167.85	9028.60	35.75	22.04	272.44	-375.10	881.80	970.98	913.07	16.77	
9500.00	9128.60	9267.85	9128.60	35.81	22.16	272.44	-375.10	881.80	970.98	912.88	16.71	
9600.00	9228.60	9367.85	9228.60	35.88	22.29	272.44	-375.10	881.80	970.98	912.68	16.65	
9700.00	9328.60	9467.85	9328.60	35.95	22.42	272.44	-375.10	881.80	970.98	912.49	16.60	
9800.00	9428.60	9567.85	9428.60	36.02	22.55	272.44	-375.10	881.80	970.98	912.29	16.54	
9900.00	9528.60	9667.85	9528.60	36.09	22.68	272.44	-375.10	881.80	970.98	912.08	16.49	
10000.00	9628.60	9767.85	9628.60	36.16	22.81	272.44	-375.10	881.80	970.98	911.88	16.43	
10021.40	9650.00	9789.25	9650.00	36.18	22.84	272.44	-375.10	881.80	970.98	911.84	16.42	

**NBU 922-18P2S
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 Uphego
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 Uphego

11/2/2007
Date

Kerr-McGee Oil & Gas Onshore LP

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

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

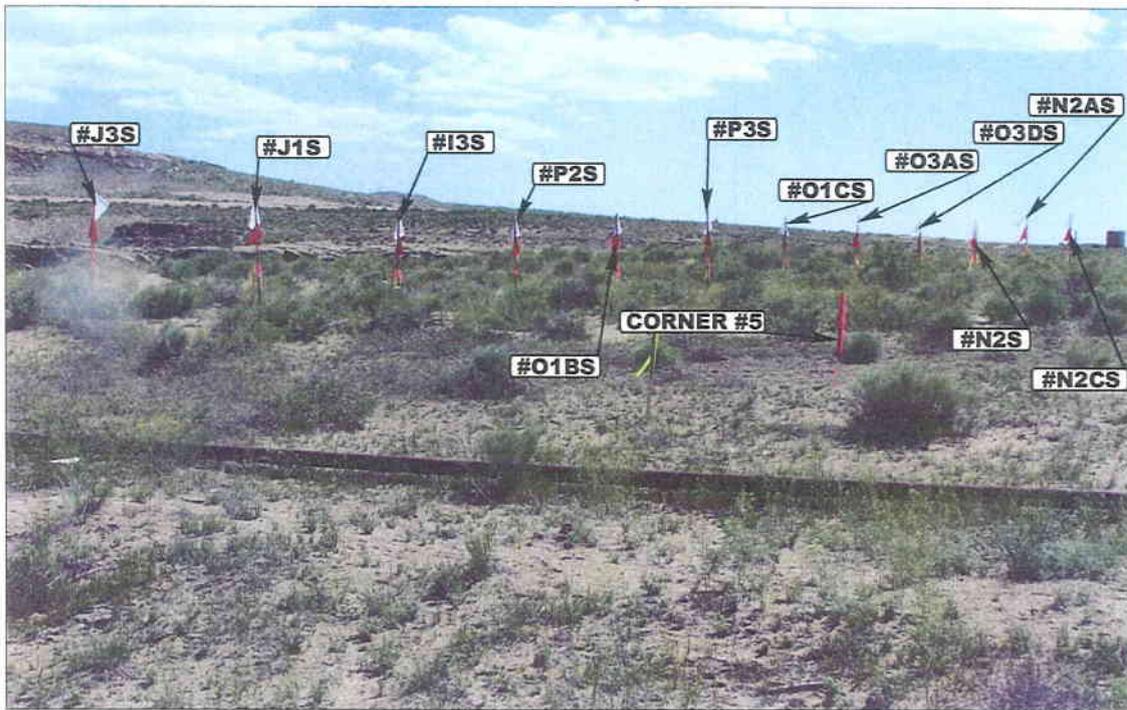


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

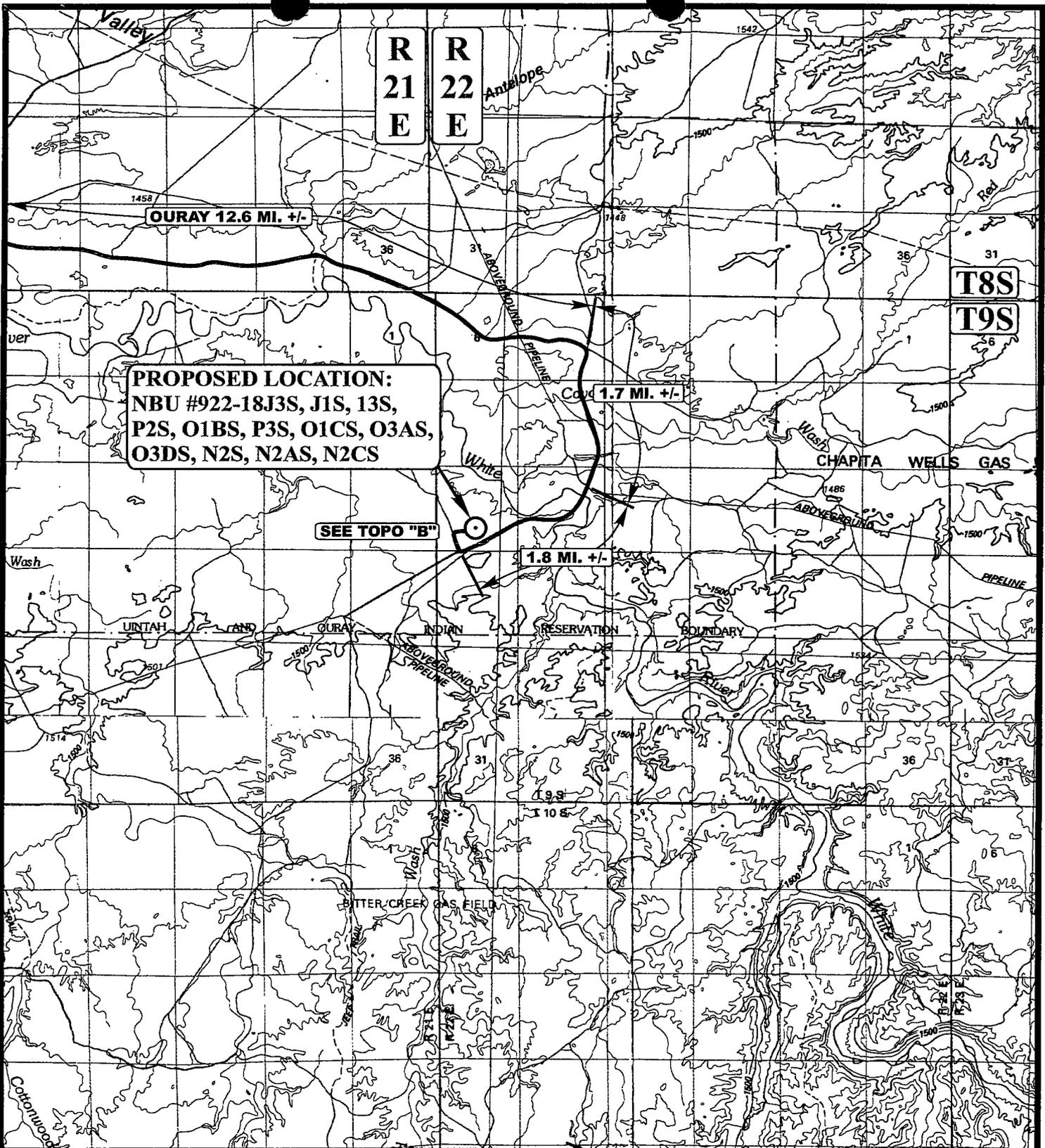
CAMERA ANGLE: NORTHEASTERLY



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

- Since 1964 -

LOCATION PHOTOS	05	16	07	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: C.P.	REVISED: 00-00-00		



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



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

TOPOGRAPHIC
MAP

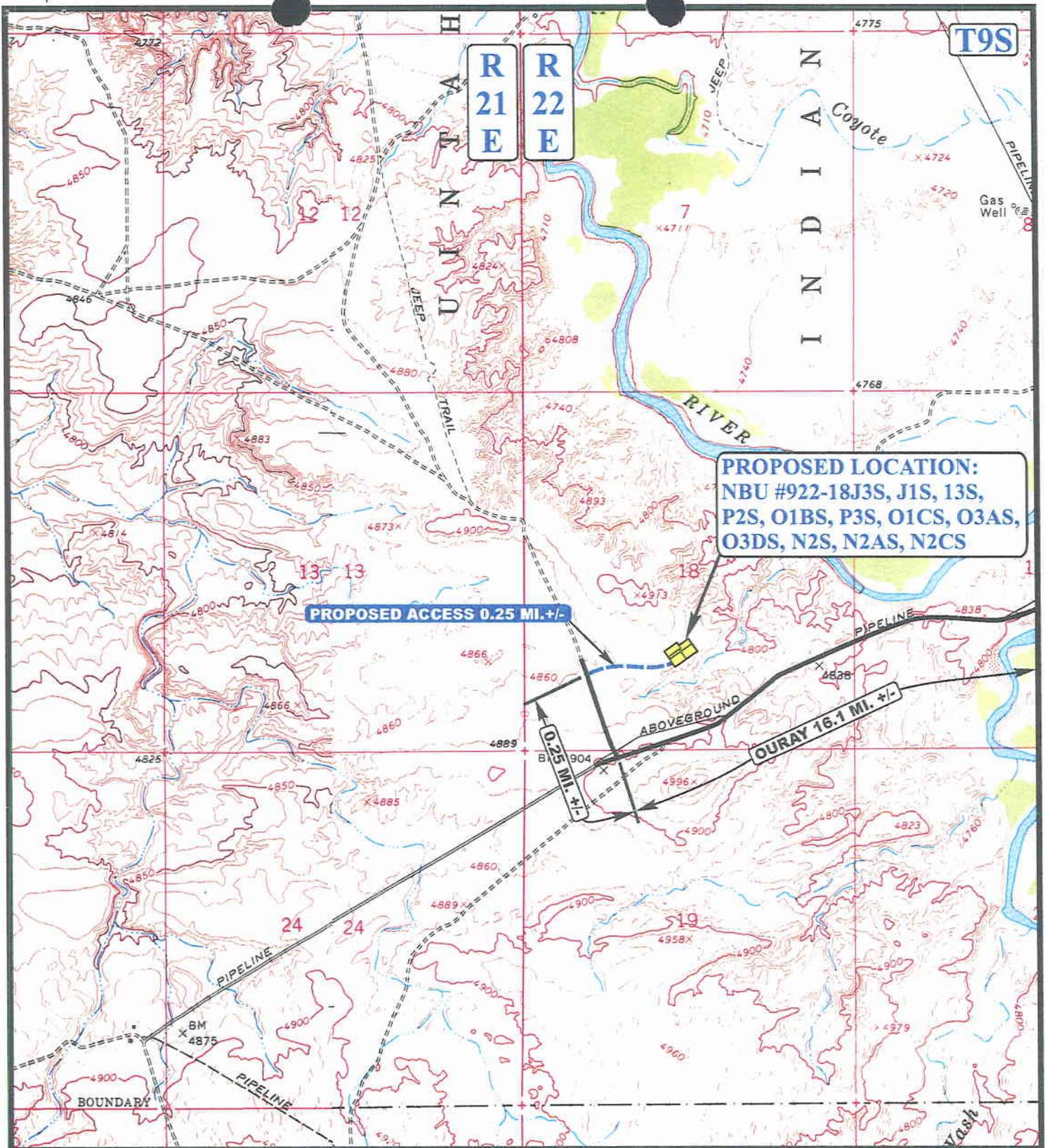
05 16 07
MONTH DAY YEAR

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

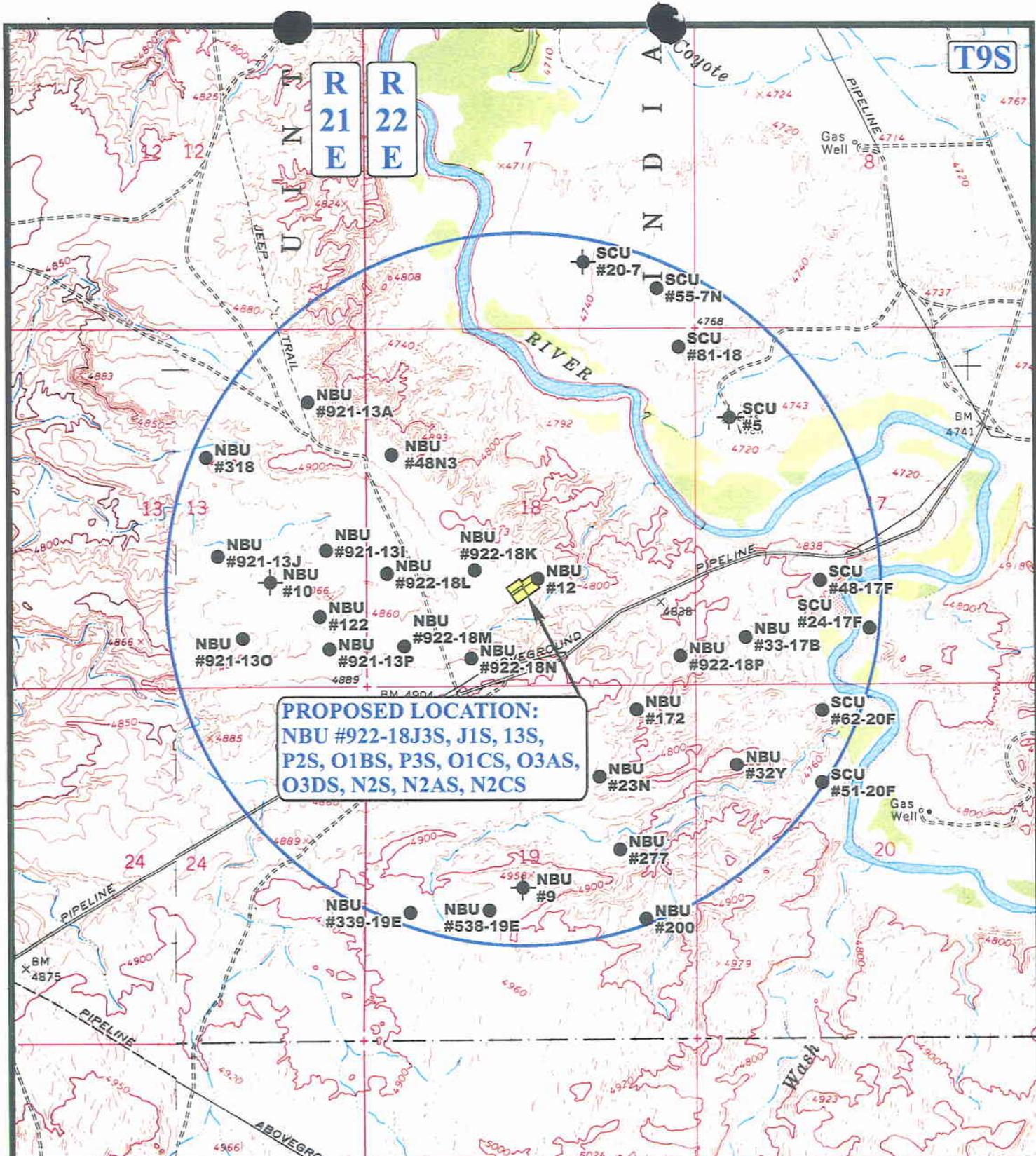


Kerr-McGee Oil & Gas Onshore LP

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



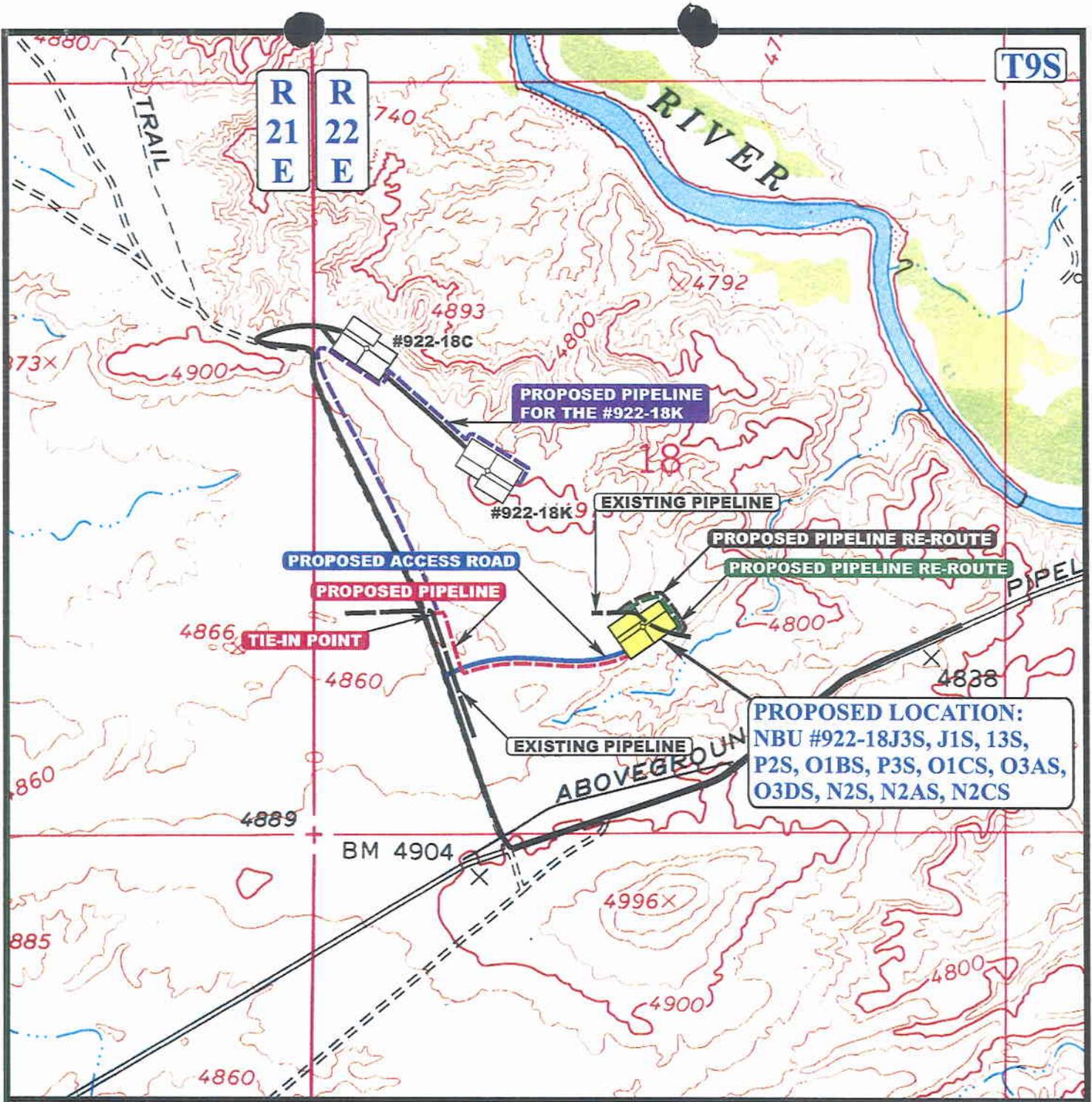
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**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

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" = 1000' DRAWN BY: C.P. REVISED: 10-25-07 **TOPO**

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.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: EASTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: EASTERLY



- Since 1964 -

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

PIPELINE PHOTOS

05 16 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

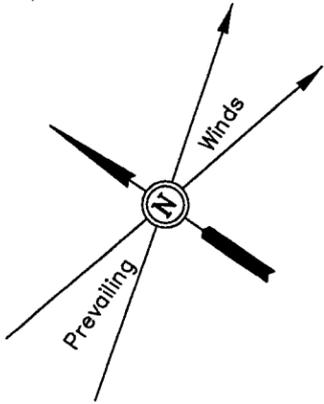
DRAWN BY: C.P.

REVISED: 00-00-00

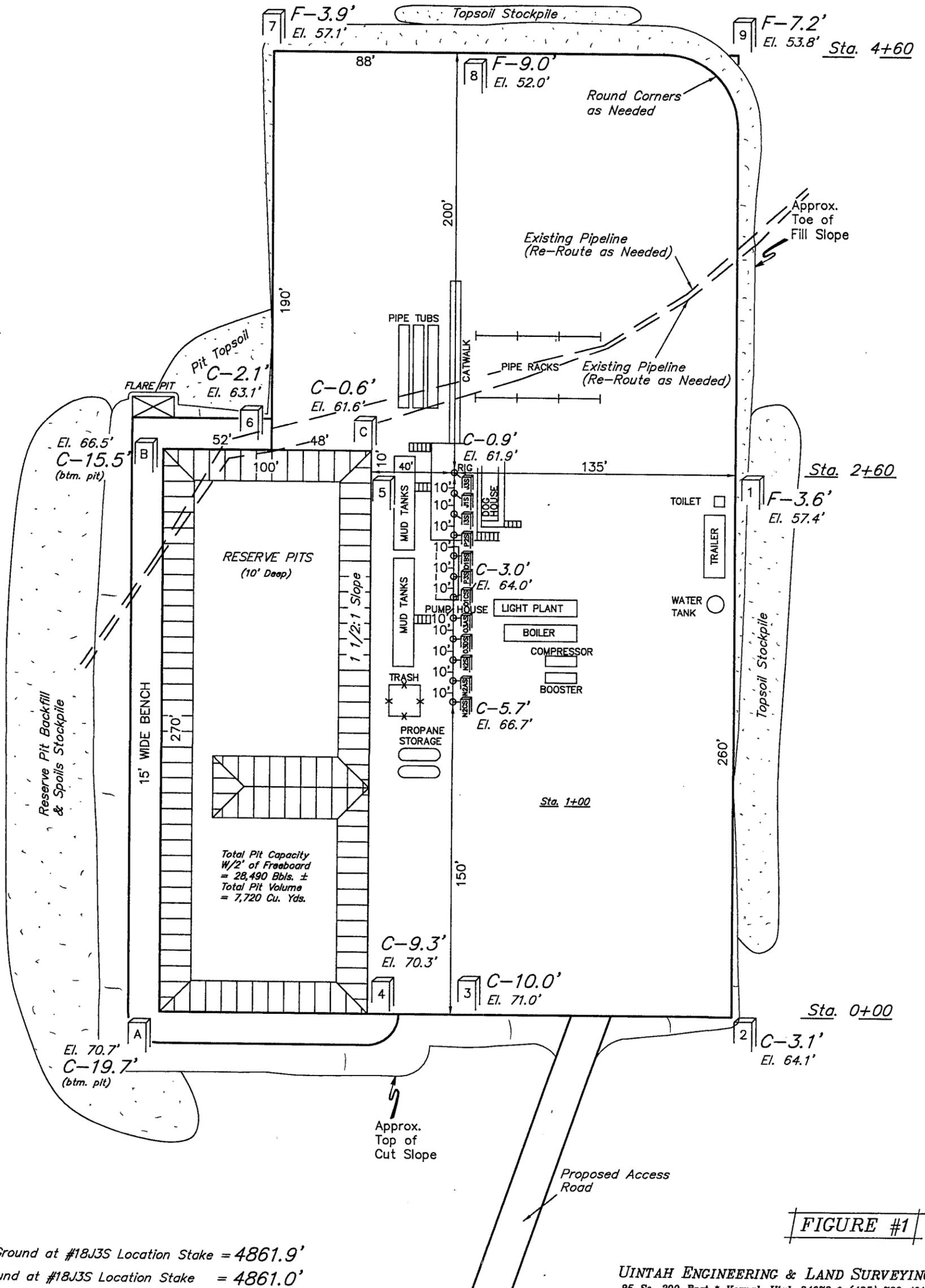
Kerr-McGee Oil & Gas Onshore LP

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



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

FIGURE #1

Kerr-McGee Oil & Gas Onshore LP

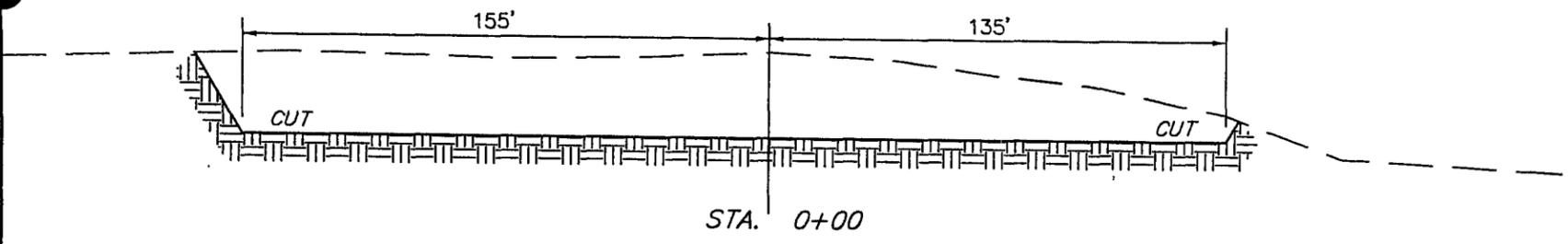
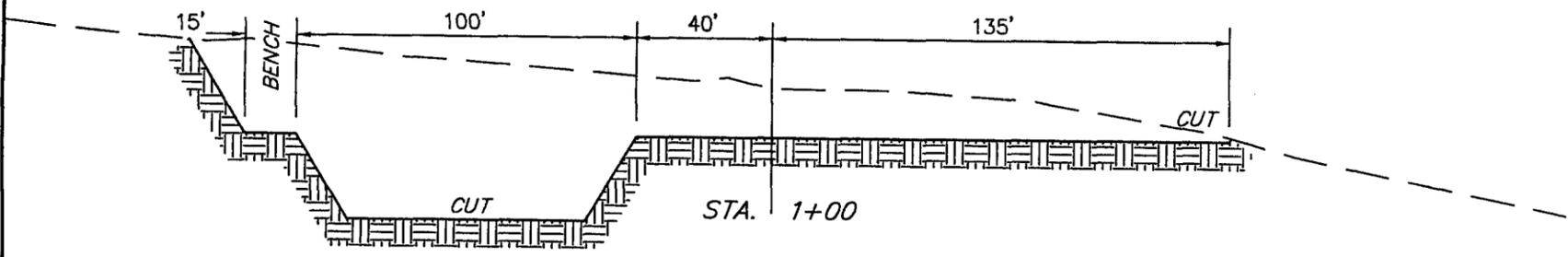
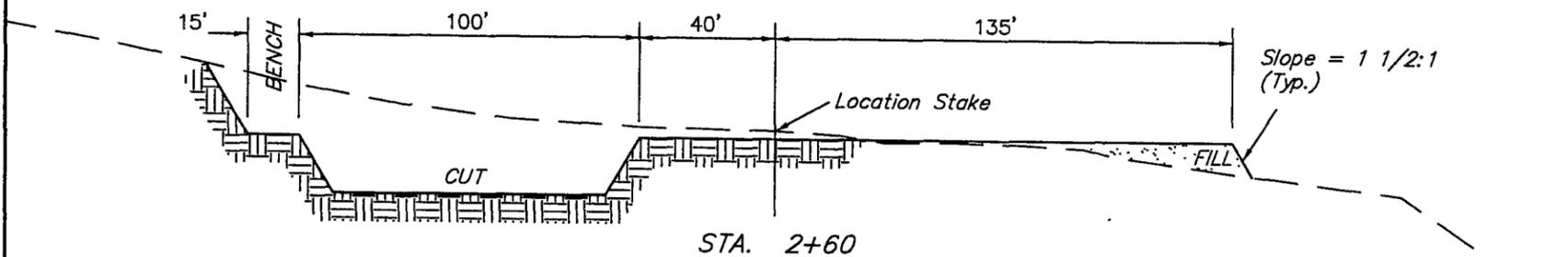
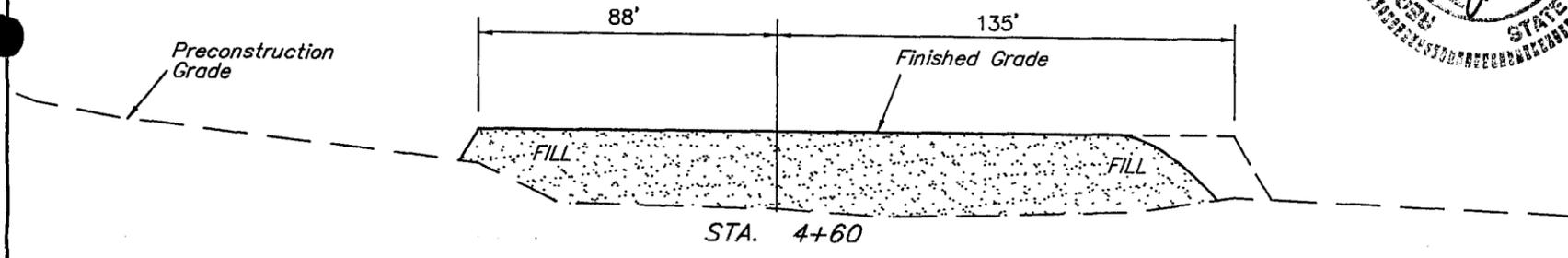
TYPICAL CROSS SECTIONS FOR

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

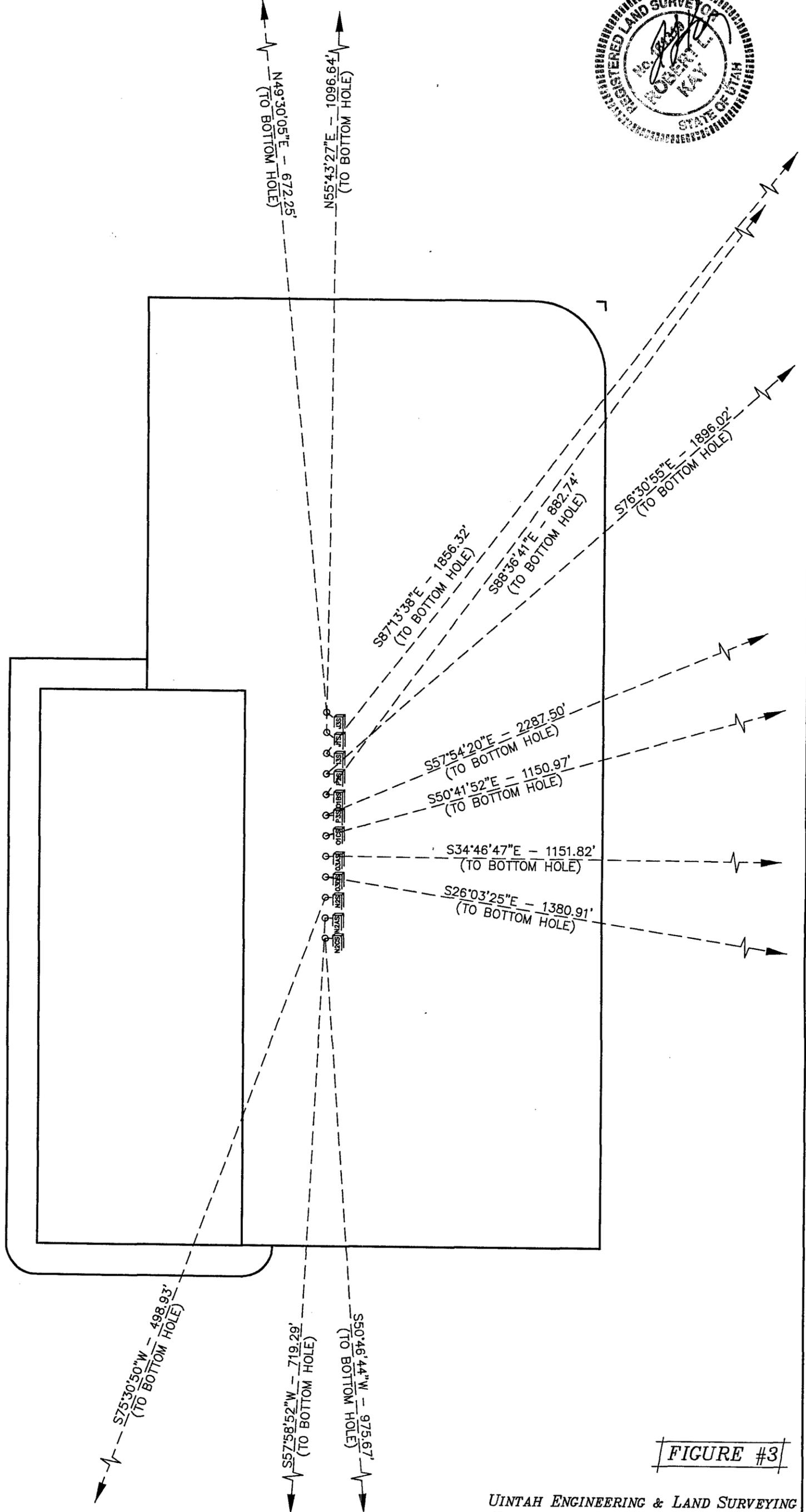


FIGURE #3

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/20/2007

API NO. ASSIGNED: 43-047-39830

WELL NAME: NBU 922-18P2S
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

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

SESE

NWSE 18 090S 220E
 SURFACE: 1436 FSL 2588 FEL
 BOTTOM: 0988 FSL 0745 FEL
 COUNTY: UINTAH
 LATITUDE: 40.03269 LONGITUDE: -109.4818
 UTM SURF EASTINGS: 629534 NORTHINGS: 4432279
 FIELD NAME: NATURAL BUTTES (630)

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: 17314
Eff Date: 12-2-1999
Siting: 460' w wldg & uncomm. Tracs
- R649-3-11. Directional Drill

COMMENTS: See Separate file

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 357-19E

STAGECOACH U 20-7

STAGECOACH U 91-7

SCU 55-7N

SCU 66-8N

STAGECOACH U 81-18

SCU 101-17

SCU 58-17N

STAGECOACH 5

SCU 76-17

NBU 922-18G

18

17

STAGECOACH U 95-17

SCU 48-17F

NBU 33-17B

STAGECOACH U 87-20

NBU 172

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#	WELLNAME	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 922-18P2S Well, Surface Location 1436' FSL, 2588' FEL, NW SE, Sec. 18, T. 9 South, R. 22 East, Bottom Location 988' FSL, 745' FEL, SE 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 43-047-39830.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

RECEIVED
VERNAL FIELD OFFICE

2007 NOV 5 PM 12:31

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MGMT.

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 922-18P2S
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1436'FSL, 2588'FEL At proposed prod. Zone SE/SE 988'FSL, 745'FEL		9. API Well No. 43 047 39830
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 10,021'	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4861'GL	22. Approximate date work will start* UPON APPROVAL	13. State UTAH
17. Spacing Unit dedicated to this well 40.00		
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) Jean Kervella	Date 3-25-2008
Title Assistant Field Manager	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)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

RECEIVED

MAR 28 2008

DIV. OF OIL, GAS & MINING

No. 005
03MIC0068A



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 **Location:** NWSE, Sec. 18, T9S, R22E
Well No: NBU 922-18P2S **Lease No:** UTU-0461
API No: 43-047-39830 **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:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
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	(435) 828-4029
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

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

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

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

Additional Stipulations:

- Re-route 24 Inch pipeline on location. 2)
- 8-Inch pipeline.

General Conditions of Approval

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

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1800 ft. The minimum cement top is approximately 800 ft above the surface casing shoe.
- Cmnt Top (TOC) standard will place cmnt behind casing across formation lost circulation zone, Birds Nest Zone.
- COA specification fulfills operators performance standard stated in APD (where operators toc is calc'd with an excess to reach surface).
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
- A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- Surface casing cement shall be brought up and into the 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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- 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.
- While actively drilling, 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 ($\frac{1}{4}$, 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.

Operator: Kerr McKee Oil and Gas Onshore LP
Well Name & Number NBU 922-18P2S
API Number: 43-047-39830
Lease: UTU-0461

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

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
 Oil Well Gas Well Other

2. Name of Operator
Kerr-McGee Oil & Gas Onshore, LP

3a. Address
P.O. Box 173779, Denver, CO 80217-3779

3b. Phone No. (include area code)
720.929.6226

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SE Sec. 18 T 9S R 22E
1464 FSL 2547 FEL

5. Lease Serial No.
UTU-0461

6. If Indian, Allottee, or Tribe Name
Ute Tribe

7. If Unit or CA, Agreement Name and/or No.
UTU-63047A

8. Well Name and No.
NBU 922-18P2S

9. API Well No.
43-047-39830

10. Field and Pool, or Exploratory Area
Natural Buttes

11. County or Parish, State
Uintah

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 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.)

Kerr-McGee Oil & Gas Onshore, LP, respectfully notifies that the center stakes for the surface location have been moved to NWSE 1464' FSL & 2547' FEL. The bottomhole location has not been changed.

629547X 40.032769
 4432288Y -109.491684

Federal Approval of this Action is Necessary

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 12.4.2008

Initials: KS

Date: 12-01-08

By: [Signature]

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

Name (Printed/ Typed) Title
Kevin McIntyre **Regulatory Analyst**

Signature Date
[Signature] **11/11/08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Title Date
 _____ _____ _____

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

Office

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

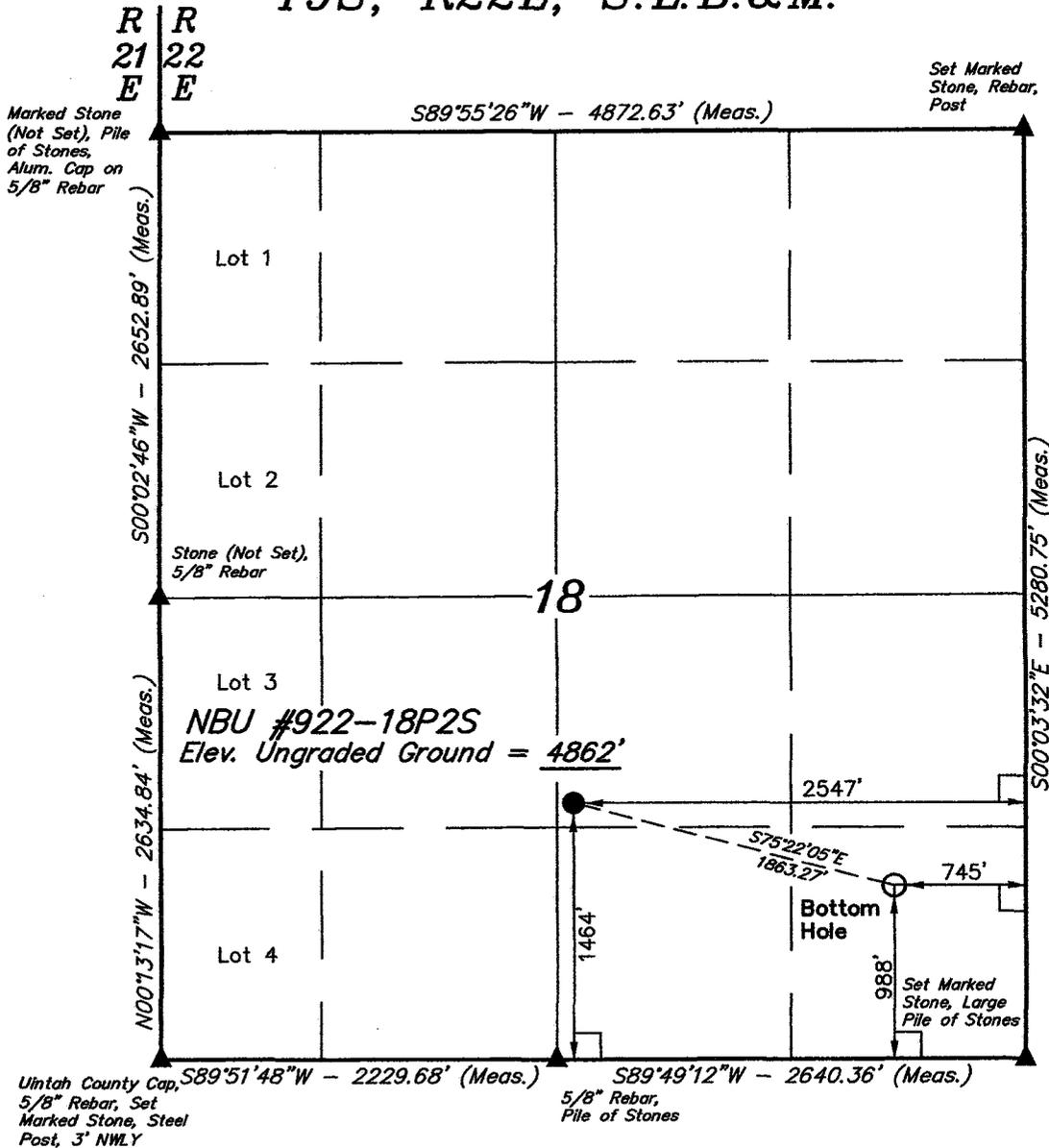
(Instructions on page 2)

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NOV 17 2008

DIV. OF OIL, GAS & MINING

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



Kerr-McGee Oil & Gas Onshore LP

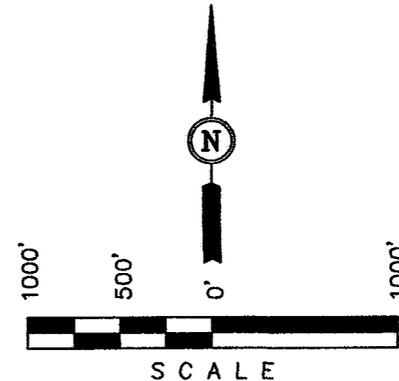
Well location, NBU #922-18P2S, located as shown in the NW 1/4 SE 1/4 of Section 18, T9S, R22E, S.L.B.&M., Uintah County, Utah.

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 PART 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.

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°01'53.30" (40.031472)	LATITUDE = 40°01'57.96" (40.032767)
LONGITUDE = 109°28'33.50" (109.475972)	LONGITUDE = 109°28'56.67" (109.482408)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°01'53.43" (40.031508)	LATITUDE = 40°01'58.08" (40.032800)
LONGITUDE = 109°28'31.03" (109.475286)	LONGITUDE = 109°28'54.20" (109.481722)

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 922-18P2S
T9S-R22E
Section 18: SESE
Surface: 1464' FSL, 2547' FEL
Bottom Hole: 988' FSL, 745' FEL
Uintah County, Utah

Dear Mrs. Mason:

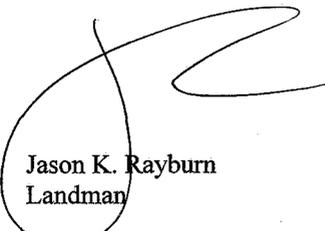
Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 922-18P2S 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			5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0461
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 Tribe
			7. UNIT or CA AGREEMENT NAME: 891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: NBU 922-18P2S	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		9. API NUMBER: 4304739830	
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779		PHONE NUMBER: (720) 929-6226	10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1464' FSL & 2547' FEL			COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 9S 22E			STATE: UTAH

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

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

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: [Signature]

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

(This space for State use only)

COPY SENT TO OPERATOR

Date: 12-16-2008

Initials: KS

(See Instructions on Reverse Side)

(5/2000)

RECEIVED
DEC 11 2008
DIV. OF OIL, GAS & MINING



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

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

API: 4304739830
Well Name: NBU 922-18P2S
Location: NWSE 1464' FSL & 2547' 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

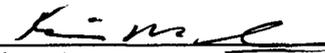
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 922-18P2S

Api No: 43-047-39830 Lease Type: FEDERAL

Section 18 Township 09S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDDED:

Date 12/16/2008

Time 3:00 PM

How DRY

Drilling will Commence: _____

Reported by LEW WELDON

Telephone # (435) 828-7035

Date 12/16/08 Signed CHD

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
4304740083	NBU 922-290		SWSE	29	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	12/17/2008		<i>12/30/08</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMUD</i> SPUD WELL LOCATION ON 12/17/2008 AT 1100 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739833	NBU 922-1803AS		NWSE	18	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	12/17/2008		<i>12/30/08</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMUD</i> SPUD WELL LOCATION ON 12/17/2008 AT 1000 HRS. <i>BHL = SWSE</i>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739830	NBU 922-18P2S		NWSE	18	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	12/16/2008		<i>12/30/08</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMUD</i> SPUD WELL LOCATION ON 12/16/2008 AT 1500 HRS <i>BHL = SESE</i>							

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)

RECEIVED

DEC 18 2008

SHEILA UPCHEGO

Name (Please Print)

Sheila Upchego

Signature

REGULATORY ANALYST

12/17/2008

Title

Date

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

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

8. Well Name and No.
NEU 922-18P2S

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

9. API Well No.
4304739830

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 1438'FSL, 2588'FEL 2541 FEL
BOTTOM HOLE: SE/SE SEC. 18, T9S, R22E 988'FSL, 745'FEL

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 recompleat 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 recompleat 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 12/16/2008 AT 1500 HRS.

RECEIVED

DEC 22 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)
SHEILA UPCHEGO
Title REGULATORY ANALYST
Signature 
Date 12/17/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____
Office _____

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: 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

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

8. Well Name and No.
NBU 922-18P2S

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

9. API Well No.
4304739830

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 1436'FSL, 2588'FEL
BOTTOM HOLE: SE/SE SEC. 18, T9S, R22E 988'FSL, 745'FEL

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 ELENBURG RIG 12 ON 02/19/2009. DRILLED 12 1/4" SURFACE HOLE TO 2790'. RAN 9 5/8" 36# J-55 SURFACE CSG LEAD CMT W/260 SX PREM CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/220 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DISPLACE W/210 BBLs. RAN 100' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE. TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

RECEIVED

MAR 02 2009

DIV. OF OIL, GAS & MINING

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

Title REGULATORY ANALYST

Signature  Date 02/25/2009

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 _____

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 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 922-18P2S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398300000
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: 1464 FSL 2547 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: 6/12/2009	<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 2790' TO 10,115' ON 06/11/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/524 SX PREM LITE II @11.7 PPG 2.84 YIELD. TAILED CMT W/1320 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/156.4 BBLs H2O + ADDITIVES PLUG DOWN AT 0900 HRS. LIFT PRESSURE @2790 PSI BUMP PRESSURE @3340 PSI HELD. W/2.0 BBLs BACK GOOD RETURNS W/25 BBLs LEAD CMT TO PIT LAY DOWN LANDING JT INSTALL PACKOFF IN WELL HEAD RELEASE BOP TEST PACK OFF TO 5000 PSI F/15 MIN. PREP RIG TO SKID. RELEASED H&P RIG 298 ON 06/12/2009 AT 1200 HRS.

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

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/16/2009

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 922-18P2S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398300000
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: 1464 FSL 2547 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: 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 10:00 A.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 October 06, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/6/2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18P2S (BLUE)		Spud Conductor: 12/16/2008	Spud Date: 2/19/2009
Project: UTAH-UINTAH		Site: NBU 922-18J PAD	Rig Name No: ELENBURG 12/12, H&P 298/298
Event: DRILLING		Start Date: 2/17/2009	End Date: 6/12/2009
Active Datum: RKB @4,887.00ft (above Mean Sea Level)		UWI: NBU 922-18P2S	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
2/19/2009	0:00 - 7:00	7.00	MIRU	21	C	P		SDFN
	7:00 - 13:30	6.50	MIRU	01	B	P		RURT,CHECK PUMP,EQUIPMENT
	13:30 - 15:30	2.00	PRSPD	06	J	P		P/ UP DIRCTIONAL TOOLS,& BIT #1
	15:30 - 17:00	1.50	DRLSUR	02	D	P		DRILL 12.25 HOLE F/95' TO 220
	17:00 - 17:30	0.50	DRLSUR	08	B	S		CHANGE POP OFF #2 PUMP
2/20/2009	17:30 - 0:00	6.50	DRLSUR	02	D	P		DRILL & SLIDE F220' TO 585',
	0:00 - 13:30	13.50	DRLSUR	02	D	P		DRILL & SLIDE F/585 TO ,SLIDE 15EVERY 90,SURVEY EVERY 90'
	13:30 - 14:00	0.50	DRLSUR	07	A	P		RIG SERVICE
2/21/2009	14:00 - 0:00	10.00	DRLSUR	02	D	P		DRILL & SLIDE to 1660, 90'SURVEY,SLIDE 10' EVERY120'
	0:00 - 7:30	7.50	DRLSUR	02	D	P		DIR DRILL F/1660 TO 1930,SLIDE 15' EVERY 120',SURVEY EVERY 90
	7:30 - 8:00	0.50	DRLSUR	07	A	P		RIG SERVICE
2/22/2009	8:00 - 0:00	16.00	DRLSUR	02	D			DIR DRILL F/1930 TO 2500, SLIDE 15 EVERY 120,SURVEY EVERY 90
	0:00 - 8:30	8.50	DRLSUR	02	D	P		DRILL,SLIDE,SURVEY F/1660 TO 2790
	8:30 - 10:00	1.50	DRLSUR	05	C	P		CIRC SWEEPS,F/LDDP
	10:00 - 12:00	2.00	DRLSUR	06	A	P		LDDP BREAK BIT#1 OFF
	12:00 - 17:30	5.50	CSG	12	C	P		R/U RUN 63JTS CSG 2753
6/3/2009	17:30 - 20:30	3.00	CSG	12	E	P		PUMP 260 SX LEAD 220SX TAIL,210 DISPLACEMENT W,2 TOP JOBS
	20:30 - 0:00	3.50	CSG	13	A	P		WAIT ON CEMENT
	8:00 - 9:00	1.00	RDMO	01	A	P		PREPARE RIG TO SKID
	9:00 - 9:30	0.50	RDMO	01	C	P		SKID RIG 10' TO NEXT WELL
	9:30 - 10:00	0.50	PRSPD	14	A	P		SET AND TEST D.T.O. ON WELLWEAD / NIPPLE UP FLOW LINE, FILL UP LINE AND STABILIZER CABLES
	10:00 - 11:00	1.00	PRSPD	09	A	P		SLIP AND CUT 65' OF DRILL LINE / LUBRICATE RIG & EQUIPMENT / PRE-SPUD INSPECTION
	11:00 - 16:00	5.00	PRSPD	15	A	P		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 - PASSED / FUNCTION TEST CLOSING UNIT - PASSED / ALL TEST WITNESSED BY CLIFFJOHNSON WITH THE VERNAL BLM OFFICE
	16:00 - 16:30	0.50	PRSPD	15	A	P		FUNCTION TEST ACCULULATOR / TEST WITNESSED BY CLIFFJOHNSON WITH THE VERNAL BLM OFFICE
	16:30 - 17:00	0.50	PRSPD	14	B	P		INSTALL WEAR BUSHING
	17:00 - 21:30	4.50	PRSPD	06	A	P		CHANGE OUT EMITTER SUB AND TOOL CARRIER / PICK UP 39 JTS OF NEW HARD BAND PIPE + REMAINING B.H.A. & T.I.H. TO TAG @
21:30 - 22:00	0.50	PRSPD	11	E	P		BREAK CIRCULATION / PRESSURE TEST PUMPS, MUD LINES, STAND PIPE, KELLY HOSE & TOP DRIVE TO 2500 PSI	
22:00 - 23:00	1.00	PRSPD	02	F	P		DRILL FLOAT, CEMENT AND SHOE	

RECEIVED October 06, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18P2S (BLUE) Spud Conductor: 12/16/2008 Spud Date: 2/19/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 2/17/2009 End Date: 6/12/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NBU 922-18P2S

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	23:00 - 0:00	1.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE) F/ 2805" - T/ 2870' = 65' @ 65 fph / 15k-17k WOB / TOP DRV RPM 25-30 / #2 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 1650-1430 / TQ ON-OFF BTM 4k-1k ft/lbs / DRAG UP-DWN-ROT 108-92-98 / H2O + POLYMER
6/4/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 2870" - T/ 3186' = 316' @ 53 fph / 15k-17k WOB / TOP DRV RPM 25-30 / #2 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 1660-1430 / TQ ON-OFF BTM 6k-1k ft/lbs / DRAG UP-DWN-ROT 108-96-104 / SLIDING 30'-48' ON EACH 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS / RUNNING RANGING WITH SCIENTIFIC DRILLING TO DETECT P/A WELL - REQUIRES EXTRA TIME ON SURVEYS
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 3186' - T/ 3912' = 726' @ 63.13 fph / 17k-19k WOB / TOP DRV RPM 35-40 / #1 PUMP @ 105 SPM = 473 GPM / MOTOR 104 RPM / SPP ON-OFF BTM 1850-1450 / TQ ON-OFF BTM 7k-4k ft/lbs / DRAG UP-DWN-ROT 128-100-110 / SLIDING 35'-54' ON EACH 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS / RUNNING RANGING WITH SCIENTIFIC DRILLING TO DETECT P/A WELL - REQUIRES EXTRA TIME ON SURVEYS
	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 & SURVEY (ROTATE/SLIDE) F/ 3912' - T/ 4278' = 366' @ 61.0 fph / 17k-19k WOB / TOP DRV RPM 35-40 / #1 PUMP @ 105 SPM = 473 GPM / MOTOR 104 RPM / SPP ON-OFF BTM 1730-1485 / TQ ON-OFF BTM 8k-4k ft/lbs / DRAG UP-DWN-ROT 134-104-117 / SLIDING 50"-62' ON EACH 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS / RUNNING RANGING WITH SCIENTIFIC DRILLING TO DETECT P/A WELL - RELEASED @ 4100'
6/5/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 4278' - T/ 4608' = 330' @ 55.0 fph / 17k-19k WOB / TOP DRV RPM 35-40 / #1 PUMP @ 106 SPM = 477 GPM / MOTOR 105 RPM / SPP ON-OFF BTM 1930-1670 / TQ ON-OFF BTM 8k-5k ft/lbs / DRAG UP-DWN-ROT 147-104-122 / SLIDING 48"-60' ON EACH 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 4608' - T/ 5554' = 946' @ 82.26 fph / 17k-19k WOB / TOP DRV RPM 35-40 / #2 PUMP @ 106 SPM = 477 GPM / MOTOR 105 RPM / SPP ON-OFF BTM 2000-1705 / TQ ON-OFF BTM 9k-5k ft/lbs / DRAG UP-DWN-ROT 166-110-134 / SLIDING 14"-29' ON SELECTED 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS
	17:30 - 18:00	0.50	DRLPRO	07	A	P		SERVICE RIG & EQUIPMENT / VISUAL INSPECT EXTERNAL TOP DRIVE & COMPONENTS / WORK PIPE RAMS / VISUAL INSPECT B.O.P.E.

RECEIVED October 06, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18P2S (BLUE) Spud Conductor: 12/16/2008 Spud Date: 2/19/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 2/17/2009 End Date: 6/12/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NBU 922-18P2S

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 5554' - T/ 6036' = 482' @ 80.33 fph / 17k-19k WOB / TOP DRV RPM 35-40 / #1 PUMP @ 106 SPM = 482 GPM / MOTOR 106 RPM / SPP ON-OFF BTM 2010-1650 / TQ ON-OFF BTM 10k-6k ft/lbs / DRAG UP-DWN-ROT 172-120-140 / SLIDING 13"-19' ON SELECTED 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS / VISUAL INSPECT DRILL LINE
6/6/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 6036' - T/ 6532' = 496' @ 82.6 fph / 18k-20k WOB / TOP DRV RPM 40 / #1 PUMP @ 104 SPM = 468 GPM / MOTOR 103 RPM / SPP ON-OFF BTM 1800-1550 / TQ ON-OFF BTM 10k-6k ft/lbs / DRAG UP-DWN-ROT 180-124-148 / SLIDING 12"-14' ON SELECTED 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS / SLIDE 30' IN 1.25 HRS = 6% OF FOOTAGE & 21% OF TIME DRILLED
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 6532' - T/ 7068' = 536' @ 46.6 fph / 18k-20k WOB / TOP DRV RPM 40-42 / #2 PUMP @ 106 SPM = 477 GPM / MOTOR 105 RPM / SPP ON-OFF BTM 1910-1560 / TQ ON-OFF BTM 11k-8k ft/lbs / DRAG UP-DWN-ROT 215-125-159 / SLIDING 12"-14' ON SELECTED 93' STAND / H2O + POLYMER / WEIGHTED GELL SWEEPS / STICKING WHILE SLIDING / FLUSHED HOLE WITH FRESH WATER @ 7000' - STARTED MUD UP WITH STORED WHOLE MUD AND FRESH GEL TO CONTROL SHALE / SLIDE 92' IN 4.0 HRS = 17% OF FOOTAGE & 35% OF TIME DRILLED / CANNOT HOLD TOOL FACE WITH TOP DRIVE OSCILLATION ENGAGED
	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 & SURVEY (ROTATE/SLIDE) F/ 7068' - T/ 7195' = 127' @ 21.16 fph / 18k-20k WOB / TOP DRV RPM 35-45 / #1 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 2340-2215 / TQ ON-OFF BTM 12k-9k ft/lbs / DRAG UP-DWN-ROT 220-128-160 / SLIDING 12"-14' ON SELECTED 93' STAND / 33 vis - 9.5 ppg / STICKING WHILE SLIDING / SLIDE 46' IN 4.0 HRS = 36% OF FOOTAGE & 67% OF TIME DRILLED / B.O.P. DRILL = 58 SECONDS / CANNOT HOLD TOOL FACE WITH TOP DRIVE OCCILATION ENGAGED
6/7/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 7195' - T/ 7350' = 155' @ 25.8 fph / 18k-20k WOB / TOP DRV RPM 35-45 / #1 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 2420-2160 / TQ ON-OFF BTM 14k-9k ft/lbs / DRAG UP-DWN-ROT 220-130-160 / SLIDING 4"-11' ON SELECTED 93' STAND / 33 VIS - 9.7 PPG / STICKING WHILE SLIDING / USING OSCILLATION ON TOP DRIVE / SLIDE 81' IN 3.2 HRS = 48% OF FOOTAGE & 53% OF TIME DRILLED

RECEIVED October 06, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18P2S (BLUE) Spud Conductor: 12/16/2008 Spud Date: 2/19/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 2/17/2009 End Date: 6/12/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NBU 922-18P2S

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 7350' - T/ 7930' = 580' @ 50.43 fph / 18k-22k WOB / TOP DRV RPM 35-45 / #2 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 2520-2200 / TQ ON-OFF BTM 15k-10k ft/lbs / DRAG UP-DWN-ROT 224-139-170 / SLIDE 13' ON SELECTED 93' STAND / 38 VIS - 9.8 PPG / STICKING WHILE SLIDING - USING OSCILLATION ON TOP DRIVE / SLIDE 13' IN 1.0 HRS = 2% OF FOOTAGE & 8% 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 & SURVEY (ROTATE/SLIDE) F/ 7930' - T/ 8223' = 293' @ 48.8 fph / 18k-22k WOB / TOP DRV RPM 35-45 / #2 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 2530-2250 / TQ ON-OFF BTM 16k-12k ft/lbs / DRAG UP-DWN-ROT 235-144-173 / SLIDE 15' ON SELECTED 93' STAND / 38 VIS - 10.0 PPG / STICKING WHILE SLIDING - USING OSCILLATION ON TOP DRIVE / SLIDE 15' IN 1.0 HRS = 5% OF FOOTAGE & 16% OF TIME DRILLED
6/8/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE) F/ 8223' - T/ 8516' = 293' @ 48.83 fph / 18k-22k WOB / TOP DRV RPM 35-45 / #2 PUMP @ 110 SPM = 495 GPM / MOTOR 109 RPM / SPP ON-OFF BTM 2600-2260 / TQ ON-OFF BTM 16k-12k ft/lbs / DRAG UP-DWN-ROT 248-144-179 / 38 VIS - 10.0 PPG
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE/SLIDE) F/ 8516' - T/ 8927' = 411' @ 35.73 fph / 18k-22k WOB / TOP DRV RPM 35-45 / #1 PUMP @ 112 SPM = 504 GPM / MOTOR 111 RPM / SPP ON-OFF BTM 2631-2260 / TQ ON-OFF BTM 16k-14k ft/lbs / DRAG UP-DWN-ROT 265-148-184 / SLIDE 13' ON SELECTED 93' STAND / STICKING WHILE SLIDING / SLIDING WITH TOP DRIVE IN OSCILLATION MODE / SLIDE 13' IN 1.75 HRS = 3% OF FOOTAGE AND 15% OF DRILLING TIME / 40 VIS - 10.6 PPG / RAISING WEIGHT TO CONTROL SHALE
	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 & SURVEY (ROTATE) F/ 8927' - T/ 9142' = 215' @ 35.83 fph / 18k-22k WOB / TOP DRV RPM 30-40 / #2 PUMP @ 105 SPM = 473 GPM / MOTOR 104 RPM / SPP ON-OFF BTM 2650-2450 / TQ ON-OFF BTM 15k-13k ft/lbs / DRAG UP-DWN-ROT 272-150-187 / 44 VIS - 10.9 PPG / RAISING WEIGHT TO CONTROL SHALE
6/9/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE) F/ 9142' - T/ 9312' = 170' @ 28.33 fph / 18k-22k WOB / TOP DRV RPM 30-40 / #2 PUMP @ 100 SPM = 450 GPM / MOTOR 99 RPM / SPP ON-OFF BTM 2530-2155 / TQ ON-OFF BTM 15k-13k ft/lbs / DRAG UP-DWN-ROT 278-154-189 / 44 VIS - 11.0 PPG / RAISING WEIGHT TO CONTROL SHALE
	6:00 - 11:30	5.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE) F/ 9312' - T/ 9533' = 210' @ 38.0 fph / 18k-23k WOB / TOP DRV RPM 30-40 / #2 PUMP @ 100 SPM = 450 GPM / MOTOR 99 RPM / SPP ON-OFF BTM 2530-2155 / TQ ON-OFF BTM 15k-13k ft/lbs / DRAG UP-DWN-ROT 280-154-190 / 44 VIS - 11.4 PPG / RAISING WEIGHT TO CONTROL SHALE & BIT TRIP

RECEIVED October 06, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18P2S (BLUE) Spud Conductor: 12/16/2008 Spud Date: 2/19/2009
 Project: UTAH-UINTAH Site: NBU 922-18J PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 2/17/2009 End Date: 6/12/2009
 Active Datum: RKB @4,887.00ft (above Mean Sea Level) UWI: NBU 922-18P2S

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	11:30 - 12:00	0.50	DRLPRO	05	A	P		CIRCULATE / PREP RIG FLOOR TO PULL ROTATE OUT
	12:00 - 18:30	6.50	DRLPRO	06	A	P		ROTATE/PUMP OUT F/ 9522' - T/ 8290' / P.O.O.H. F/ 8290' - T/ 7820' W/O PUMP / ROTATE / PUMP PILL / P.O.O.H. WITH BIT #1 / B.O.P. DRILL / WORK BLIND & PIPE RAMS
	18:30 - 20:00	1.50	DRLPRO	06	A	P		CHANG OUT MOTORS & BITS / INSTALL & ORIENTATE MWD TOOLS / PERFORM SURFACE TEST ON MWD TOOLS
	20:00 - 21:00	1.00	DRLPRO	06	A	P		T.I.H. TO SHOE / CHANGE OUT ROTATING RUBBER
	21:00 - 21:30	0.50	DRLPRO	07	A	P		BREAK CIRCULATION / SERVICE RIG & EQUIPMENT / VISUAL INSPECTION ON B.O.P.E.
	21:30 - 0:00	2.50	DRLPRO	06		P		T.I.H. / BREAK CIRCULATION @ 6500' / TIGHT SPOTS @ 3900' - 5285' - 8380' - PUSHED THRU W/ NO PROBLEMS
6/10/2009	0:00 - 1:00	1.00	DRLPRO	06	A	P		T.I.H. TO 9490' - BREAK CIRCULATION @ 6500' WITH TIGHT SPOTS @ 3900' - 5285' - 8380' - PUSHED THRU W/ NO PROBLEMS
	1:00 - 2:00	1.00	DRLPRO	03	D	P		PRECAUTIONARY WASH AND REAM F/ 9490' - T/ 9533' W/ 12' OF FILL ON BOTTOM
	2:00 - 4:00	2.00	DRLPRO	03	E	X		ATTEMPT TO START BIT WITH 2K-10K WOB - NO DIFFERENTIAL PRESSURE ON MOTOR - WORK DRILL STRING / ATTEMPT TO START BIT WITH 10K - 20K WOB - NO DIFFERENTIAL PRESSURE / WORK DRILL STRING / APPLIED 25K-26K WOB - BIT STARTED - DIFFERENTIAL PRESSURE TO 205 PSI - REDUCED WOB TO 18K-20K WOB TO DRILL / LOST 76 BBLs MUD ON TRIP
	4:00 - 6:00	2.00	DRLPRO	02				DRILL & SURVEY (ROTATE) F/ 9533' - T/ 9592' = 59' @ 29.5 fph / 18k-20k WOB / TOP DRV RPM 30-40 / #2 PUMP @ 105 SPM = 473 GPM / MOTOR 76 RPM / SPP ON-OFF BTM 2728-2575 / TQ ON-OFF BTM 18k-14k ft/lbs / DRAG UP-DWN-ROT 280-154-190 / 44 VIS - 11.4 PPG
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE) F/9592 - T/ 9907' = 315' @27.3 fph / 18k-20k WOB / TOP DRV RPM 30-40 / #2 PUMP @ 105 SPM = 473 GPM / MOTOR 76 RPM / SPP ON-OFF BTM 2750-2575 / TQ ON-OFF BTM 21k-19k ft/lbs / DRAG UP-DWN-ROT 280-148-196 / 41 VIS - 11.5 PPG
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RIG SERVICE,FUNCT TEST PIPE RAMS
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL & SURVEY (ROTATE) F/9907 - T/ 10,090' = 183' @30.5 fph / 18k-20k WOB / TOP DRV RPM 30-40 / #2 PUMP @ 100 SPM = 450GPM / MOTOR 72 RPM / SPP ON-OFF BTM 2525-2430 / TQ ON-OFF BTM 21k-19k ft/lbs / DRAG UP-DWN-ROT 285-154-1200 / 41 VIS - 11.7 PPG
6/11/2009	0:00 - 1:00	1.00	DRLPRO	02	D	P		DRILL F/ 10,090-10,115 TD/WOB 18-20, TOP DRIVE RPM 30-40 / MTR 72 / SPM 100 / GPM 450 SPP ON/OFF 2550/2425 / TQ ON/OFF 21/17 DRAG UP /DN/ROT 285/154/200
	1:00 - 2:00	1.00	DRLPRO	05	C	P		CCH F/ WIPER TRIP,PUMP SWEEP
	2:00 - 4:00	2.00	DRLPRO	06	E	P		WIPER TRIP TO 9450',ROTATE & PUMP WORKING OUT FIRST 5 STDS TO 9650' DRAG UP 320, 120K OVER,STDS 6 & 7 DRAG UP 285-85K OVER,ON STAND 6- XX OUT FOUND LOOSE TOOL JOINT,VISUAL INSPECT,RE-DOPE,MAKE UP & TORQUE TO 25,000 FT/LBS, TIH NO PROBLEMS
	4:00 - 6:00	2.00	DRLPRO	05	C	P		CCH,PUMP 2 15 BBL SWEEPS,HOLE CLEAN,TRIP GAS 1930 U.

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18P2S (BLUE)		Spud Conductor: 12/16/2008		Spud Date: 2/19/2009	
Project: UTAH-UINTAH		Site: NBU 922-18J PAD		Rig Name No: ELENBURG 12/12, H&P 298/298	
Event: DRILLING		Start Date: 2/17/2009		End Date: 6/12/2009	
Active Datum: RKB @4,887.00ft (above Mean Sea Level)			UWI: NBU 922-18P2S		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 12:00	6.00	DRLPRO	06				ROTATE/PUMP OUT F/ 10115' - T/ 8665' / P.O.O.H. F/ 8665' - T/ 8195' W/O PUMP / ROTATE / PUMP PILL / P.O.O.H. FLOW CHECK@ CSG SHOE,TOH TO BHA,PULL ROTATING RUBBER,,TOH, LD DIRECTIONAL TOOLS,BREAK BIT,L/D M MTR,FUNCT TEST PIPE & BLIND RAMS
	12:00 - 13:00	1.00	DRLPRO	06	B	P		HSM,RU HALLIBURTON RUN TRIPLE COMBO,LOGGERS TAGGED @ 8530',LOG OUT RD SAME.
	13:00 - 19:00	6.00	DRLPRO	11	G	P		PULL WEAR BUSHING
	19:00 - 19:30	0.50	DRLPRO	14	B	P		SM W/WESTATES & RIG CREWS,MIRU CASING EQUIP & LAY DOWN TRUCK
	19:30 - 20:30	1.00	DRLPRO	12	A	P		RUN 90 JTS I-80 #11.6 LT&C 4.5 CASING + RELATED TOOLS,CURRENTLY RUNNING CSG @ 3850'
	20:30 - 0:00	3.50	DRLPRO	12	C	P		RUN 123 JTS OF I-80,11.6# LTC CSG,109 JTS P-110,11.6# LTC CSG,+ RELEATED TOOLS,CSG LANDED @ 10,107, W/ 80K,FLOAT COLLAR @ 10,0.63.
6/12/2009	0:00 - 4:30	4.50	DRLPRO	12	C	P		CIRC CSG,R.D.M.O. CASING EQUIP,M.I.R.U. BJ HSM
	4:30 - 6:30	2.00	DRLPRO	05	D	P		TEST PUMPS & LINES TO 4500 PSI / PUMP 40 BBLS H2O +524 SX LEAD CEMENT @ 11.7ppg (PREM LITE II I + .25 pps CELLOFLAKE + 5 pps KOL + 8% GEL + .5%SMS EXTENDER = 14.24 gal/sx, 2.5 yield) + 1320 SX TAIL @ 14.3 ppg (CLS G 50/50 POZ + 10% SALT + 2% GEL + .2% R3 = 5.91 gal/sx, 1.31 yield) / DROP PLUG & DISPLACE W/ 156.4 BBLS H2O + ADDITIVES / PLUG DOWN @0900HRS / LIFT PRESSURE @ 2790 PSI BUMP PRESSURE, @ 3340 ,FLOATS HELD,W/ 2.0 BBLS BACK GOOD RETURNS W25 BBLS LEAD CMT TO PIT (CALC TOP OF TAIL CMT 3400') R.D.M.O. CEMENT EQUIPMENT
	6:30 - 9:30	3.00	DRLPRO	12	E	P		L.D. LANDING JOINT / INSTALL PACKOFF IN WELLHEAD / RELEASE B.O.P. / TEST PACKOFF TO 5000 PSI F/ 15 MIN, PREP RIG F/ SKID / RIG RELEASED @ 1200 HOURS 06/12/2009
	9:30 - 12:00	2.50	DRLPRO	14	B	P		

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18P2S (BLUE)		Spud Conductor: 12/16/2008	Spud Date: 2/19/2009
Project: UTAH-UINTAH		Site: NBU 922-18J PAD	Rig Name No: GWS 1/1
Event: COMPLETION		Start Date: 8/23/2009	End Date: 10/2/2009
Active Datum: RKB @4,887.00ft (above Mean Sea Level)		UWI: NBU 922-18P2S	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/19/2009	7:00 - 15:00	8.00	COMP	37	B	P		<p>OPEN WELL 0#</p> <p>STG 1) PU 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 120 DEG PHASING. RIH PERF F/ 9966'-70', 3 SPF, 12 HOLES. 9868'-72', 3 SPF, 12 HOLES. 9792'-98', 3 SPF, 18 HOLES. POOH. SWI. SDFWE.</p>
9/21/2009	12:00 - 17:00	5.00	COMP	36	B	P		<p>STG 1)1:05 PM OPEN WELL 1650#</p> <p>BEG PUMP, BRK @ 4253# @ 5.3 BPM. SD ISIP 2900# FG .72. BEG FRAC, EST INJT RT @ 51.3 BPM @ 5250# =100% PERF'S OPEN. PUMP 74,010# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2800# FG .71. 1:55 SWI, X-O T/ RED WELL.</p> <p>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 @ 9704' P/U PERF F/ 9672'-74', 3 SPF, 6 HOLES. 9650'-54', 4 SPF, 16 HOLES. 9540'-42', 3 SPF, 6 HOLES. 9488'-92', 3 SPF, 12 HOLES. POOH. SWI, SDFN.</p>
9/22/2009	7:00 - 18:00	11.00	COMP	36	B	P		<p>STG 2) 8:34 AM, OPEN WELL 2103#.</p> <p>BEG PUMP, BRK @ 3124# @ 6.8 BPM. SD ISIP 2500# FG .69.</p> <p>BEG FRAC, EST INJT RT @ 51.2 BPM @ 5050# = 100% PERF'S OPEN.</p> <p>PUMP 95,965# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC.</p> <p>WENT T/ FLUSH. PUMP 87 BBLS OF FLUSH THEN SCREENED OUT. LACKED 60 BBLS T/ FINISH FLUSH. SD, OPEN WELL T/ PIT. FLOW WELL BACK FOR 20 MIN. SWI. REFLUSH W/ 147.4 BBLS.</p> <p>PUMPED ONLY GOT 2,000# 20/40 IN FORMATION. TOTAL SAND IN FORMATION =95,754# 30/50 & 2,000# 20/40.</p> <p>STG 3)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 9384' P/U PERF F/ 9350'-54', 4 SPF, 16 HOLES. 9254'-56', 3 SPF, 6 HOLES. 9148'-52', 3 SPF, 12 HOLES. 9064'-66', 3 SPF, 6 HOLES. POOH. SWI FN.</p>

RECEIVED October 06, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18P2S (BLUE)		Spud Conductor: 12/16/2008		Spud Date: 2/19/2009	
Project: UTAH-UINTAH		Site: NBU 922-18J PAD		Rig Name No: GWS 1/1	
Event: COMPLETION		Start Date: 8/23/2009		End Date: 10/2/2009	
Active Datum: RKB @4,887.00ft (above Mean Sea Level)			UWI: NBU 922-18P2S		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/23/2009	7:00 - 18:00	11.00	COMP	36	B	P		<p>STG 3) 8:21AM OPEN WELL 1550#. BEG PUMPING, BRK @ 4279# @ 6.3 BPM. SD ISIP 2850# FG .74. BEG FRAC, EST INJT RT @ 51.2 BPM @ 5075# = 100% PERF'S OPEN. PUMP 77,746# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2500# FG .70. 9:12 AM SWI, FRAC CREW XO T/ ORANGE.</p> <p>STG 4) PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 9032' P/U PERF F/ 8998'-02', 4 SPF, 16 HOLES. 8976'-80', 3 SPF, 12 HOLES. 8922'-26', 3 SPF, 12 HOLES. POOH. 11:46 AM OPEN WELL 2200#. BEG PUMPING, BRK @ 3709# @ 6.3 BPM. SD ISIP 2350# FG .69. BEG FRAC, EST INJT RT @ 51 BPM @ 4770# = 100% PERFS OPEN. PUMP 32,840# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2550# FG .71. 12:11 PM SWI, X-OVER T/ ORANGE.</p> <p>STG 5)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 8700' P/U PERF F/ 8666'-70', 4 SPF, 16 HOLES. 8490'-96', 4 SPF, 24 HOLES. POOH. 3:15 PM OPEN WELL 300#. BEG PUMPING, BRK @ 3860# @ 6.3 BPM. SD ISIP 2200# .69. BEG FRAC, EST INJT RT @ 51 BPM @ 4750# =86% PERF'S OPEN. PUMP 11,947# 30/50 WHITE & 5,000# 20/40 TLC. SD ISIP</p> <p>STG 6) PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8438' P/U PERF F/ 8404'-08', 3 SPF, 12 HOLES. 8368'-70', 4 SPF, 8 HOLES. 8306'-08', 4 SPF, 8 HOLES. 8230'-34', 3 SPF, 12 HOLES. POOH. SWI. HSM. SIM OPS.</p>
9/24/2009	7:00 - 15:00	8.00	COMP	48		P		

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18P2S (BLUE)	Spud Conductor: 12/16/2008	Spud Date: 2/19/2009
Project: UTAH-UINTAH	Site: NBU 922-18J PAD	Rig Name No: GWS 1/1
Event: COMPLETION	Start Date: 8/23/2009	End Date: 10/2/2009
Active Datum: RKB @4,887.00ft (above Mean Sea Level)	UWI: NBU 922-18P2S	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	15:00 - 15:00	0.00	COMP	36	B	P		STG 6) 8:56 am OPEN WELL 1684#. BEG PUMPING, BRK @ 3887# @ 6.3 BPM. SD ISIP 1850# FG .65. BEG FRAC, EST INJT RT @ 51 BPM @ 4200# = 97% PERFS OPEN. PUMP 79,951# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2300# FG .71. 9:46 AM SWI, X-OVER T/ LAST STG ON RED WELL.
10/1/2009	7:00 - 7:15	0.25		48				PU 4 1/2 8K HAL CBP. RIH SET KILL PLUG @ 8180'. POOH. SWI. JSA RU RD SAFELY
	7:15 - 19:00	11.75	COMP	30		P		RD RIG OFF RED WELL RU ON BLUE RD FRAC VALVES NU BOPS SPOT TUBING FLOAT TALLEY & PU PIPE TAG @ 8165'
10/2/2009	7:00 - 7:15	0.25		48				PLUG #1 RIH TAG SAND @ 8165' (15' FILL) C/O & DRILL FHRU HALLI 8K CBP @ 8150' IN 19 MIN W/ 100# INCREASE MADE 1 CONN DARTS WOULDNT HOLD BACK FLOW TRY FLUSHING W/ 5BBLs ,TRY SPUDING TUBING,LET TUBING FLOW 30 MIN , PUMP TUBING VOLUME 4 BBLs/ MIN 1200 PSI TO FLUSH NO HELP CALL FOR BRINE WAIT 2 HRS PMP 20 BBLs TO CONTROL WELL POOH W/ 260 JNTS LD BHA PU NEW POBS PKG TIH W/ 100 JNTS EOT@3160' SWIFN JSA PWR SWIVEL SAFETY

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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** Contact: **ANDY LYTLE**
 Email: **andrew.lytle@anadarko.com**

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWSE 1464FSL 2547FEL 40.03277 N Lat, 109.48241 W Lon**
 At top prod interval reported below **SESE 1006FSL 709FEL**
 At total depth **SESE 1002FSL 685FEL**

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No.
891008900A

8. Lease Name and Well No.
NBU 922-18P2S

9. API Well No. **43-047-39830**

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 **12/16/2008** 15. Date T.D. Reached **06/11/2009** 16. Date Completed
 D & A Ready to Prod.
10/04/2009

17. Elevations (DF, KB, RT, GL)*
4861 GL

18. Total Depth: **MD 10115** 19. Plug Back T.D.: **MD 10061** 20. Depth Bridge Plug Set: **MD**
TVD 9721 **TVD 9667** **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
~~CHI-TRIPLE COMBO-BHV-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		2769		685			
7.875	4.500 I-80	11.6		10107		1848			

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	9447							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8230	9970	8230 TO 9970	0.360	242	OPEN
B) WSMVD						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8230 TO 9970	PMP 9,251 BBLs SLICK H2O & 402,457 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	10/08/2009	24	→	24.0	2007.0	600.0			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	2298.0	→	24	2007	600		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		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #76719 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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DIV. OF OIL, GAS & MINING

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 MAHOGAN WASATCH MESAVARDE	1734 2444 5312 7968	7934 9977			

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 #76719 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 11/02/2009

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.



ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)

NBU 922-18 PAD IJNOP

NBU 922-18P2S

1

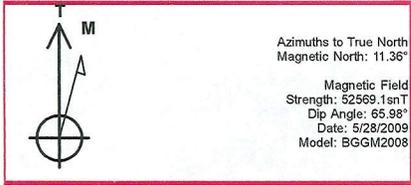
Survey: FINAL

Standard Survey Report

11 June, 2009



Weatherford®



WELL DETAILS: NBU 922-18P2S							
+N/-S	+E/-W	Northing	Easting	Ground Level:	Latitude	Longitude	Slot
0.00	0.00	14541610.58	2065428.16	4861.00	40° 1' 58.080 N	109° 28' 54.200 W	

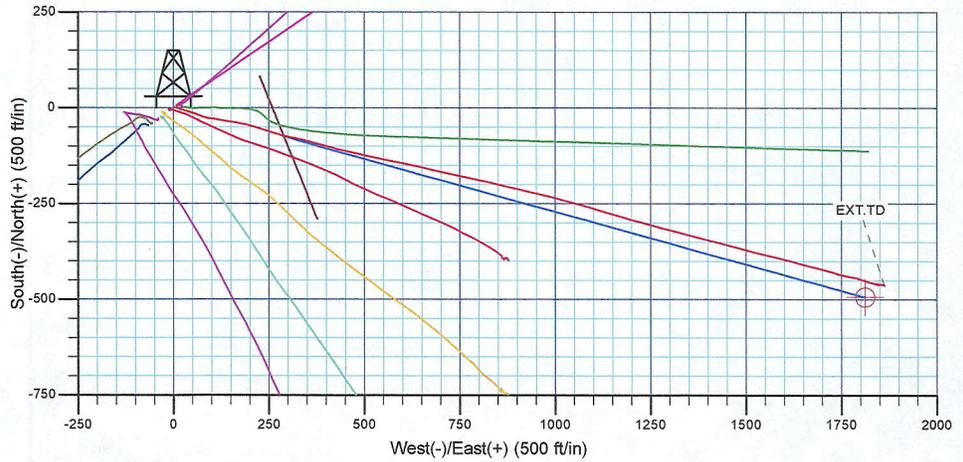
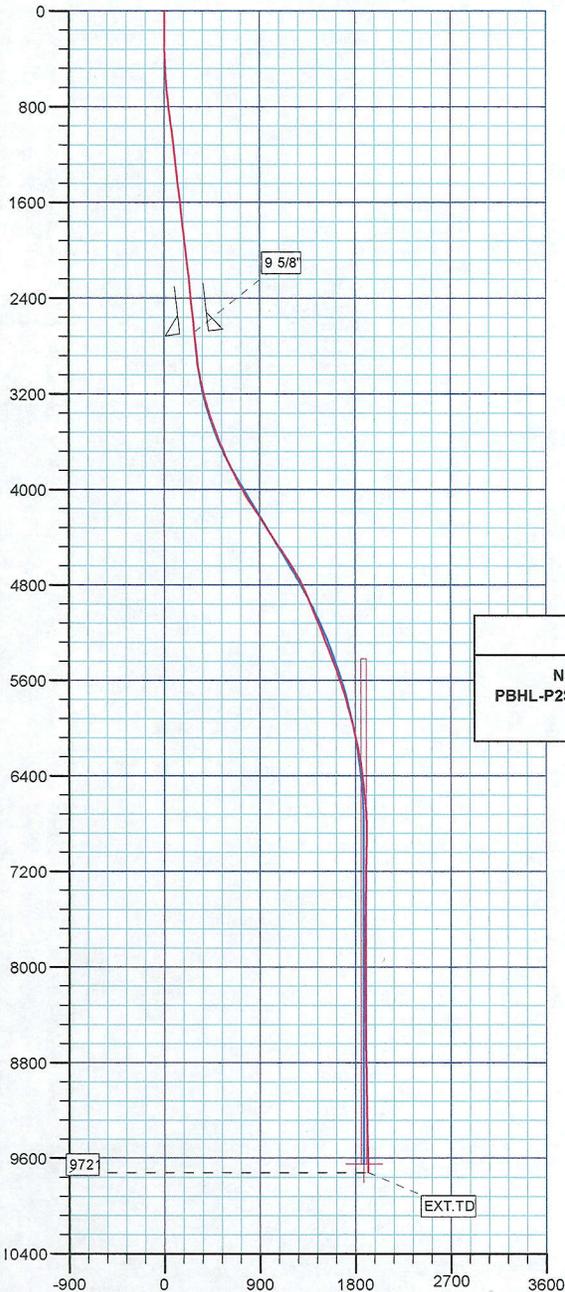
SECTION DETAILS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
2735.00	6.38	107.63	2717.17	-69.37	278.14	0.00	0.00	286.59		
2890.00	6.38	107.63	2871.21	-74.59	294.55	0.00	0.00	303.80		
3992.57	33.94	105.35	3896.29	-176.56	656.76	2.50	-2.75	680.08		
4971.81	33.94	105.35	4708.71	-321.24	1183.98	0.00	0.00	1226.78		
7234.35	0.00	0.98	6841.25	-493.44	1811.50	1.50	180.00	1877.51		
10043.10	0.00	0.98	9650.00	-493.44	1811.50	0.00	0.98	1877.51	PBHL-P2S	

CASING DETAILS			
TVD	MD	Name	Size
2689.34	2707.00	9 5/8"	9.62

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4887.00	5182.89	WASATCH
7574.00	7967.10	MESAVERDE



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-P2S	9650.00	-493.43	1811.50	14541148.10	2067247.80	40° 1' 53.202 N	109° 28' 30.908 W	Circle (Radius: 25.00)	

Company: ANADARKO PETROLEUM CORP.
Project: UINTAH COUNTY, UTAH (nad 27)
Site: NBU 922-18 PAD IJNOP
Well: NBU 922-18P2S
Wellbore: 1
Design: 1

Local Co-ordinate Reference: Well NBU 922-18P2S
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:	14,541,563.95 ft	Latitude:	40° 1' 57.630 N
From:	Lat/Long	Easting:	2,065,363.48 ft	Longitude:	109° 28' 55.042 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 in	Grid Convergence:	0.98 °

Well	NBU 922-18P2S, 1436 FSL, 2588 FEL - SEC18 T9S R22E					
Well Position	+N/-S	0.00 ft	Northing:	14,541,610.58 ft	Latitude:	40° 1' 58.080 N
	+E/-W	0.00 ft	Easting:	2,065,428.16 ft	Longitude:	109° 28' 54.200 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,861.00 ft

Wellbore	1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2008	5/28/2009	11.36	65.98	52,569

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	103.65	

Survey Program	Date	6/11/2009			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
135.00	10,115.00	Survey #1 (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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.00	0.38	30.25	135.00	0.39	0.23	0.13	0.28	0.28	0.00
196.00	0.56	33.25	196.00	0.81	0.49	0.29	0.30	0.30	4.92
257.00	0.82	55.78	256.99	1.31	1.02	0.68	0.61	0.43	36.93
319.00	1.56	79.01	318.98	1.72	2.21	1.74	1.40	1.19	37.47
379.00	1.88	98.38	378.95	1.73	3.99	3.47	1.10	0.53	32.28
439.00	2.73	103.98	438.90	1.24	6.35	5.87	1.46	1.42	9.33
499.00	3.54	109.17	498.81	0.29	9.48	9.15	1.43	1.35	8.65
561.00	4.38	105.76	560.66	-0.98	13.57	13.42	1.41	1.35	-5.50
623.00	5.50	108.76	622.43	-2.58	18.66	18.74	1.85	1.81	4.84
685.00	6.75	108.76	684.08	-4.71	24.93	25.33	2.02	2.02	0.00
746.00	7.50	104.63	744.61	-6.87	32.17	32.88	1.49	1.23	-6.77
808.00	7.69	108.88	806.06	-9.23	40.01	41.06	0.96	0.31	6.85

Company: ANADARKO PETROLEUM CORP.
Project: UINTAH COUNTY, UTAH (nad 27)
Site: NBU 922-18 PAD IJNOP
Well: NBU 922-18P2S
Wellbore: 1
Design: 1

Local Co-ordinate Reference: Well NBU 922-18P2S
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)
871.00	8.31	108.01	868.45	-12.00	48.33	49.80	1.00	0.98	-1.38
934.00	8.81	107.13	930.75	-14.83	57.27	59.15	0.82	0.79	-1.40
1,027.00	8.00	113.88	1,022.75	-19.55	69.99	72.63	1.37	-0.87	7.26
1,118.00	7.19	107.26	1,112.95	-23.80	81.22	84.55	1.31	-0.89	-7.27
1,213.00	7.63	99.26	1,207.16	-26.58	93.13	96.77	1.18	0.46	-8.42
1,306.00	8.13	97.01	1,299.28	-28.37	105.75	109.46	0.63	0.54	-2.42
1,401.00	7.30	99.21	1,393.42	-30.16	118.37	122.15	0.93	-0.87	2.32
1,493.00	7.56	99.51	1,484.65	-32.09	130.11	134.01	0.29	0.28	0.33
1,587.00	7.75	99.48	1,577.81	-34.16	142.46	146.50	0.20	0.20	-0.03
1,678.00	7.06	100.01	1,668.05	-36.14	154.02	158.20	0.76	-0.76	0.58
1,771.00	6.75	99.88	1,760.38	-38.07	165.03	169.36	0.33	-0.33	-0.14
1,865.00	6.88	100.63	1,853.72	-40.06	176.01	180.49	0.17	0.14	0.80
1,958.00	7.69	102.38	1,945.96	-42.42	187.56	192.27	0.90	0.87	1.88
2,051.00	7.94	104.51	2,038.10	-45.36	199.86	204.92	0.41	0.27	2.29
2,146.00	7.25	106.76	2,132.27	-48.73	211.95	217.46	0.79	-0.73	2.37
2,239.00	6.94	106.88	2,224.55	-52.06	222.95	228.93	0.33	-0.33	0.13
2,330.00	6.88	107.88	2,314.89	-55.33	233.39	239.86	0.15	-0.07	1.10
2,423.00	7.06	108.63	2,407.21	-58.86	244.11	251.11	0.22	0.19	0.81
2,517.00	6.44	106.76	2,500.55	-62.23	254.63	262.13	0.70	-0.66	-1.99
2,607.00	6.44	107.51	2,589.99	-65.20	264.28	272.20	0.09	0.00	0.83
2,705.00	6.56	106.01	2,687.36	-68.40	274.90	283.28	0.21	0.12	-1.53
2,735.00	6.38	107.63	2,717.17	-69.37	278.14	286.65	0.85	-0.60	5.40
2,945.00	7.86	102.11	2,925.54	-75.92	303.30	312.65	0.78	0.70	-2.63
3,039.00	11.49	99.90	3,018.19	-78.88	318.81	328.42	3.88	3.86	-2.35
3,134.00	13.60	103.71	3,110.92	-83.15	338.99	349.04	2.38	2.22	4.01
3,229.00	15.79	105.39	3,202.81	-89.23	362.30	373.13	2.35	2.31	1.77
3,324.00	17.69	104.08	3,293.78	-96.17	388.77	400.48	2.04	2.00	-1.38
3,418.00	19.93	104.83	3,382.75	-103.75	418.11	430.79	2.40	2.38	0.80
3,513.00	22.20	103.61	3,471.40	-112.12	451.21	464.93	2.43	2.39	-1.28
3,608.00	23.24	103.59	3,559.02	-120.75	486.87	501.62	1.09	1.09	-0.02
3,702.00	25.09	101.21	3,644.78	-128.98	524.45	540.08	2.22	1.97	-2.53
3,797.00	26.24	101.02	3,730.41	-136.91	564.83	581.18	1.21	1.21	-0.20
3,892.00	28.81	101.48	3,814.65	-145.48	607.88	625.04	2.71	2.71	0.48
3,987.00	30.26	103.43	3,897.31	-155.60	653.60	671.86	1.83	1.53	2.05
4,082.00	32.13	102.36	3,978.57	-166.57	701.56	721.05	2.05	1.97	-1.13
4,177.00	34.75	102.49	4,057.83	-177.83	752.68	773.39	2.76	2.76	0.14
4,272.00	36.50	102.36	4,135.05	-189.73	806.72	828.71	1.84	1.84	-0.14
4,366.00	35.44	103.36	4,211.13	-202.02	860.55	883.91	1.29	-1.13	1.06
4,461.00	35.25	103.24	4,288.62	-214.66	914.03	938.87	0.21	-0.20	-0.13
4,556.00	36.19	102.86	4,365.75	-227.18	968.06	994.33	1.02	0.99	-0.40
4,651.00	36.75	105.49	4,442.15	-241.01	1,022.79	1,050.78	1.75	0.59	2.77
4,745.00	36.88	105.24	4,517.40	-255.94	1,077.11	1,107.09	0.21	0.14	-0.27
4,840.00	36.69	106.86	4,593.49	-271.66	1,131.78	1,163.92	1.04	-0.20	1.71
4,934.00	33.94	106.11	4,670.18	-287.09	1,183.87	1,218.18	2.96	-2.93	-0.80
5,029.00	31.31	104.99	4,750.19	-300.84	1,233.20	1,269.37	2.84	-2.77	-1.18
5,123.00	27.06	104.49	4,832.23	-312.51	1,277.52	1,315.19	4.53	-4.52	-0.53
5,218.00	25.13	103.99	4,917.55	-322.80	1,318.02	1,356.97	2.04	-2.03	-0.53
5,312.00	24.44	104.74	5,002.89	-332.57	1,356.19	1,396.37	0.81	-0.73	0.80
5,407.00	24.38	104.86	5,089.40	-342.60	1,394.15	1,435.62	0.08	-0.06	0.13
5,502.00	24.38	104.24	5,175.92	-352.45	1,432.11	1,474.83	0.27	0.00	-0.65
5,597.00	23.81	105.74	5,262.65	-362.48	1,469.57	1,513.60	0.88	-0.60	1.58
5,692.00	23.50	104.74	5,349.67	-372.50	1,506.34	1,551.70	0.53	-0.33	-1.05
5,787.00	23.00	101.99	5,436.95	-381.17	1,542.82	1,589.19	1.26	-0.53	-2.89
5,882.00	21.75	103.86	5,524.80	-389.24	1,578.06	1,625.35	1.51	-1.32	1.97

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

Local Co-ordinate Reference: Well NBU 922-18P2S
TVD Reference: KB @ 4887.00ft
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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)
5,977.00	20.69	105.81	5,613.36	-398.03	1,611.30	1,659.72	1.34	-1.12	2.05
6,071.00	18.56	104.36	5,701.89	-406.27	1,641.77	1,691.28	2.32	-2.27	-1.54
6,166.00	18.31	104.86	5,792.02	-413.85	1,670.84	1,721.31	0.31	-0.26	0.53
6,260.00	16.38	103.49	5,881.74	-420.72	1,698.01	1,749.33	2.10	-2.05	-1.46
6,355.00	15.44	106.24	5,973.10	-427.39	1,723.17	1,775.36	1.27	-0.99	2.89
6,449.00	14.13	105.86	6,063.99	-434.02	1,746.23	1,799.33	1.40	-1.39	-0.40
6,543.00	12.81	101.86	6,155.40	-439.30	1,767.46	1,821.21	1.72	-1.40	-4.26
6,638.00	10.88	102.61	6,248.37	-443.42	1,786.52	1,840.70	2.04	-2.03	0.79
6,733.00	9.25	106.86	6,341.91	-447.59	1,802.58	1,857.29	1.88	-1.72	4.47
6,826.00	7.63	107.61	6,433.90	-451.63	1,815.62	1,870.92	1.75	-1.74	0.81
6,921.00	6.75	105.61	6,528.15	-455.04	1,827.01	1,882.79	0.96	-0.93	-2.11
7,016.00	6.13	104.99	6,622.55	-457.85	1,837.28	1,893.44	0.66	-0.65	-0.65
7,109.00	3.88	108.86	6,715.19	-460.16	1,845.06	1,901.54	2.45	-2.42	4.16
7,204.00	0.88	164.74	6,810.11	-461.90	1,848.29	1,905.09	3.65	-3.16	58.82
7,298.00	0.81	292.11	6,904.10	-462.35	1,847.87	1,904.78	1.61	-0.07	135.50
7,393.00	1.00	307.99	6,999.09	-461.58	1,846.59	1,903.36	0.33	0.20	16.72
7,488.00	0.90	298.26	7,094.08	-460.72	1,845.28	1,901.89	0.20	-0.11	-10.24
7,583.00	0.63	270.86	7,189.07	-460.36	1,844.10	1,900.66	0.47	-0.28	-28.84
7,677.00	0.75	270.74	7,283.06	-460.34	1,842.97	1,899.55	0.13	0.13	-0.13
7,771.00	1.06	298.24	7,377.05	-459.92	1,841.59	1,898.11	0.56	0.33	29.26
7,865.00	1.25	301.11	7,471.03	-458.98	1,839.94	1,896.29	0.21	0.20	3.05
7,960.00	0.94	286.11	7,566.01	-458.23	1,838.31	1,894.52	0.44	-0.33	-15.79
8,055.00	1.00	275.74	7,661.00	-457.93	1,836.74	1,892.93	0.19	0.06	-10.92
8,150.00	0.31	302.24	7,755.99	-457.71	1,835.69	1,891.86	0.77	-0.73	27.89
8,244.00	0.13	244.11	7,849.99	-457.62	1,835.38	1,891.54	0.28	-0.19	-61.84
8,339.00	0.13	91.99	7,944.99	-457.67	1,835.39	1,891.56	0.27	0.00	-160.13
8,434.00	0.31	85.99	8,039.99	-457.66	1,835.76	1,891.91	0.19	0.19	-6.32
8,528.00	0.31	108.36	8,133.99	-457.72	1,836.25	1,892.41	0.13	0.00	23.80
8,622.00	0.69	141.24	8,227.99	-458.24	1,836.85	1,893.11	0.49	0.40	34.98
8,717.00	0.69	116.99	8,322.98	-458.95	1,837.72	1,894.12	0.31	0.00	-25.53
8,812.00	0.69	55.24	8,417.98	-458.88	1,838.70	1,895.05	0.75	0.00	-65.00
8,906.00	0.63	89.24	8,511.97	-458.55	1,839.68	1,895.93	0.42	-0.06	36.17
9,001.00	0.81	85.86	8,606.96	-458.50	1,840.87	1,897.08	0.19	0.19	-3.56
9,096.00	0.63	85.61	8,701.95	-458.41	1,842.06	1,898.21	0.19	-0.19	-0.26
9,190.00	1.00	105.24	8,795.94	-458.58	1,843.37	1,899.52	0.49	0.39	20.88
9,285.00	0.81	98.36	8,890.93	-458.90	1,844.83	1,901.02	0.23	-0.20	-7.24
9,380.00	0.81	96.99	8,985.92	-459.08	1,846.16	1,902.36	0.02	0.00	-1.44
9,474.00	0.88	109.99	9,079.91	-459.41	1,847.50	1,903.73	0.22	0.07	13.83
9,570.00	0.66	102.86	9,175.90	-459.78	1,848.73	1,905.02	0.25	-0.23	-7.43
9,664.00	1.13	87.61	9,269.89	-459.86	1,850.18	1,906.45	0.56	0.50	-16.22
9,759.00	1.63	94.49	9,364.86	-459.93	1,852.47	1,908.68	0.55	0.53	7.24
9,854.00	1.88	97.99	9,459.82	-460.25	1,855.36	1,911.57	0.29	0.26	3.68
9,949.00	1.69	108.86	9,554.77	-460.92	1,858.23	1,914.52	0.41	-0.20	11.44
10,044.00	1.25	114.24	9,649.74	-461.80	1,860.50	1,916.93	0.48	-0.46	5.66
10,061.00	1.50	121.11	9,666.74	-461.99	1,860.86	1,917.32	1.76	1.47	40.41
EXT.TD									
10,115.00	1.50	121.11	9,720.72	-462.72	1,862.07	1,918.67	0.00	0.00	0.00

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

Local Co-ordinate Reference: Well NBU 922-18P2S
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 Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
10,115.00	9,720.72	-462.72	1,862.07	EXT.TD

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0461
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 922-18P2S	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398300000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1464 FSL 2547 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 18 Township: 09.0S Range: 22.0E Meridian: S	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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/15/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A WORKOVER/WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 922-18P2S, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 19, 2015
NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 5/19/2015	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 922-18P2S (BLUE)			Spud Conductor: 12/16/2008			Spud date: 2/19/2009		
Project: UTAH-UINTAH			Site: NBU 922-18J PAD			Rig name no.: GWS 1/1		
Event: WELL WORK EXPENSE			Start date: 5/7/2015			End date: 5/15/2015		
Active datum: RKB @4,887.00usft (above Mean Sea Level)			UWI: NW/SE/0/9/S/22/E/18/0/0/6/PM/S/1,464.00/E/0/2,547.99/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
5/7/2015	7:00 - 7:30	0.50	MAINT	48		P		MIRU
	7:30 - 8:30	1.00	MAINT	30	A	P		MIRU, BLOW DWN WELL, KILL WELL 20 BBLS TBG-20BBLS CSG, NDWH, UNLAND TBG, TBG STUCK, PULL HANGER, STRIP BOP'S ON
	8:30 - 11:00	2.50	MAINT	31	I	P		RU PWR SWIVEL, WORK TBG, NO LUCK,
	11:00 - 16:00	5.00	MAINT	34	A	P		RU CUTTERS, RUN STUCK TBG LOG, TOOLS BAD, RERUN TBG LOG, PU PERF GUN SHOOT AT 8472', RD CUTTERS.
	16:00 - 17:00	1.00	MAINT	31	B	P		PUMP DWN TBG, BUILD 500# PSI,WORK TBG,STILL STUCK SWIFN
5/8/2015	7:00 - 7:30	0.50	MAINT	48		P		STUCK TBG
	7:30 - 15:00	7.50	MAINT	31	B	P		RU PWR SWIVEL BREAK CIRC, WORK TBG TRYING TO FREE., NO GOOD, WILL ACIDIZE SUNDAY AM TO FREE TBG, SWIFWE
5/11/2015	7:00 - 7:30	0.50	MAINT	48		P		WORKING STUCK TBG
	7:30 - 10:00	2.50	MAINT	31	B	P		50# TBG, 0# CSG, RU SWIVEL, BREAK CIRC, WORK TBG, NO GO,
	10:00 - 13:00	3.00	MAINT	34	H	P		CALL CUTTERS, RU CUTTERS, STRING SHOT, CHEM CUT AT 8458'
	13:00 - 17:00	4.00	MAINT	45	A	P		RU PRS SCAN TBG.,HAD TO PULL 75K TO START SCANNING, SCAN TBG OOH, STD BACK 188 YB, LD 79 JTS RED BAND ON TLR. SCALE 8220' DWN, SWIFN
5/12/2015	7:00 - 7:30	0.50	MAINT	48		P		FISHING
	7:30 - 11:00	3.50	MAINT	31	B	P		RU RBS BHA, PU TBG, TIH TO 8458', TAG AT 8235',
	11:00 - 13:00	2.00	MAINT	44	D	P		BREAK CIRC, WASH DWN TO FISH, TAG FISH,
	13:00 - 14:30	1.50	MAINT	31	B	P		CIRC HOLE CLEAN, LATCH ON FISH WITH OVERSHOT, JAR FISH TO RELEASE STUCK TBGING.
	14:30 - 17:30	3.00	MAINT	31	I	P		GRAPPLE CAME UNLATCHED, TRY TO RELATCH, NO GO, POOH STD BACK TBG TO CHECK GRAPPLE, GRAPPLE STRIPPED OUT, SWIFN
5/13/2015	7:00 - 7:30	0.50	MAINT	48		P		TRIPPING
	7:30 - 10:00	2.50	MAINT	31	B	P		PU RBS BHA WITH OVERSHOT, TIH TO 8458', LATCH ON FISH, JAR FISH UNTIL 10:00 AM, BROKE FREE,
	10:00 - 15:00	5.00	MAINT	31	I	P		POOH WITH FISH, LD P-110 WORK STRING, RBS BHA,
	15:00 - 18:00	3.00	MAINT	45	A	P		, RU PRS, SCAN TBG FISH OOH, RD PRS,HEAVY SCALE EXT, HEAVY PITTING INT, BTM 4 JTS FULL OF SAND SWIFN
5/14/2015	7:00 - 7:30	0.50	MAINT	48		P		TONGS
	7:30 - 10:30	3.00	MAINT	31	I	P		CSG 750#, BLOW DWN WELL, KILL WELL 20 BBLS T-MAC, PU 3 7/8" MILL, POBS, T5BG, TIH TO 8516', TAG FILL,
	10:30 - 12:00	1.50	MAINT	44	D	P		RU WEATHERFORD, BREAK CIRC,
	12:00 - 12:30	0.50	MAINT	44	D	P		CLEAN OUTTO 8710' FELL THRU, TAG AT 9002',
	12:30 - 14:00	1.50	MAINT	48		W		LIGHTING

**US ROCKIES REGION
Operation Summary Report**

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	14:00 - 17:00	3.00	MAINT	44	D	P		CONT C/O, FROM 9002' , LITE TO HEAVY SCALE MILLED DWN TO 9506', SWIFN
5/15/2015	7:00 - 7:30	0.50	MAINT	48		P		PWR SWIVEL
	7:30 - 9:30	2.00	MAINT	44	D	P		1350# CSG-TBG, RU WEATHERFORD NITROGEN UNIT, BREAK CIRC, PU TBG C/O TO 10,056', 316 JTS, PBTD,
	9:30 - 13:00	3.50	MAINT	31	I	P		CIRC WB CLEAN, PU LAY DWN 18 JTS TBG TO 9456', 298 JTS, LAND TBG, ND BOP'S, NU WH, POBS,1500#, RDMO
								KB 26.00'
								HANGER .83'
								TBG 110 JTS P-110 3,487.00'
								TBG 188 JTS L-80 5940.80'
								XNSN 1.875" 2.20'
								EOT 9456.83'