



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 922-18E2S
T9S R22E
Section 18: SWNW
SWNW, Lot 2, 1870' FNL, 354' FWL (surface)
SWNW, Lot 2, 1529' FNL, 503' FWL (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 922-18E2S 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

A handwritten signature in black ink, appearing to read 'James C. Colligan III'.

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-0359
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 922-18E2S
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 1870'FNL, 354'FWL (LOT 2) At proposed prod. Zone SW/NW 1529'FNL, 503'FWL (LOT 2)		9. API Well No. 43-047-39837
14. Distance in miles and direction from nearest town or post office* 17 +/- 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) 354'	16. No. of Acres in lease 162.39	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 9928'	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4894'GL	20. BLM/BIA Bond No. on file RLB0005239	13. State UTAH
22. Approximate date work will start* UPON APPROVAL		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:

- | | |
|--|---|
| <ol style="list-style-type: none"> Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | <ol style="list-style-type: none"> Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). Operator certification. Such other site specific information and/or plans as may be required by the authorized 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
628943X
44328724
40.038121
-109.488642

BHL
628986X
44329764
40.039049
109.488120

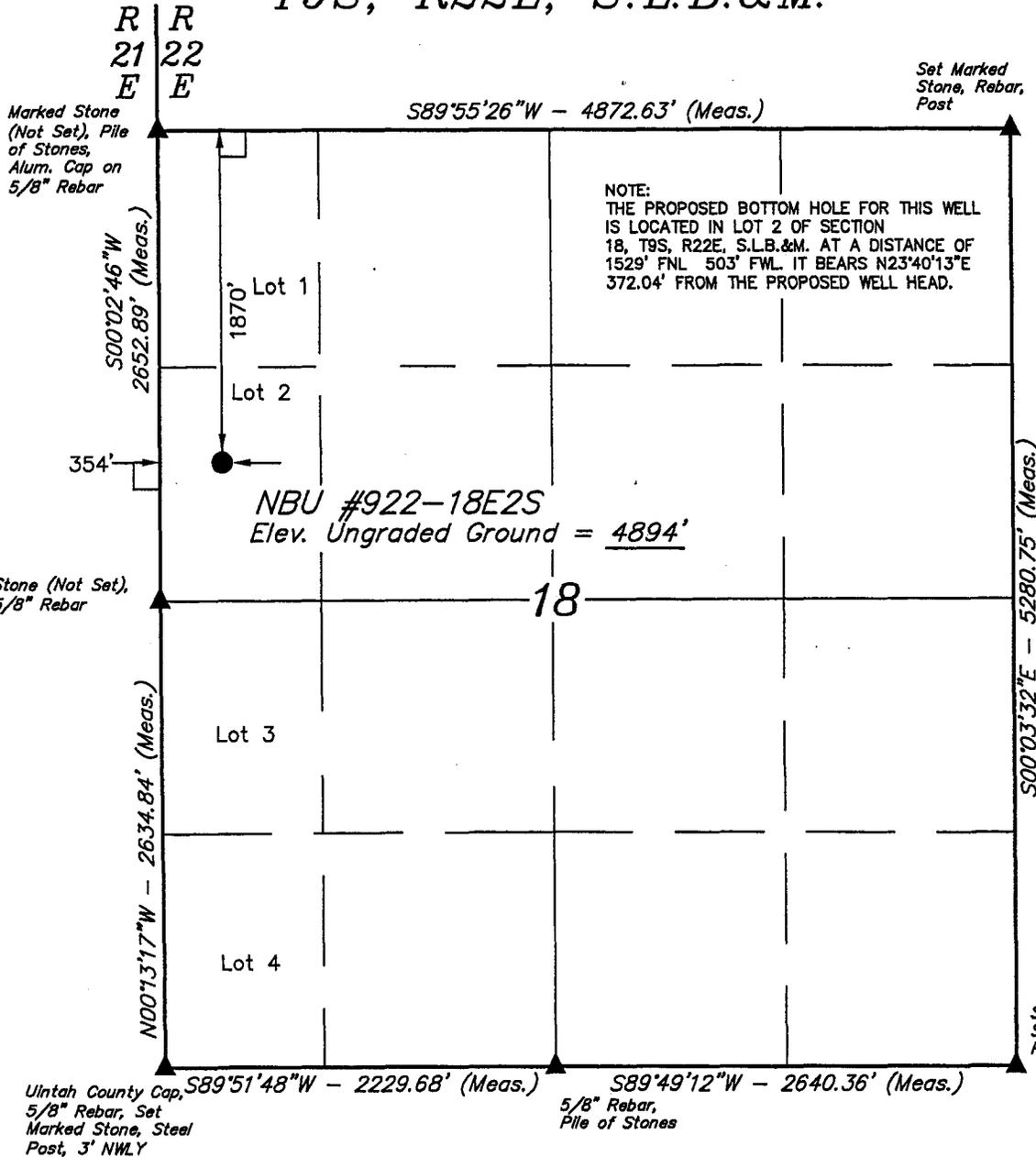
Federal Approval of this
Action is Necessary

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

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

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #922-18E2S, located as shown in Lot 2 of Section 18, T9S, R22E, S.L.B.&M., Uintah County, Utah.

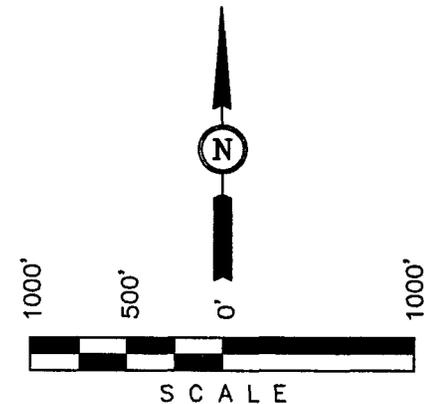


BASIS OF ELEVATION

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, UTAH 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.



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

LEGEND:

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

(NAD 83)
 LATITUDE = 40°02'17.21" (40.038114)
 LONGITUDE = 109°29'22.07" (109.489464)
 (NAD 27)
 LATITUDE = 40°02'17.34" (40.038150)
 LONGITUDE = 109°29'19.60" (109.488778)

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

SCALE 1" = 1000'	DATE SURVEYED: 05-07-07	DATE DRAWN: 05-17-07
PARTY D.K. L.K. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 922-18E2S
SW/NW LOT 2, SEC. 18, T9S, R22E
UINTAH COUNTY, UTAH
UTU-0359**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1801'
Top of Birds Nest Water	2098'
Mahogany	2462'
Wasatch	5079'
Mesaverde	7821'
MVU2	8748'
MVL1	9268'
TVD	9900'
TD (MD)	9928'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1801'
	Top of Birds Nest Water	2098'
	Mahogany	2462'
Gas	Wasatch	5079'
Gas	Mesaverde	7821'
Gas	MVU2	8748'
Gas	MVL1	9268'
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 9928' TD, approximately equals 6155 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3971 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3520	2020	453000
SURFACE	9-5/8"	0 to 2700	36.00	J-55	LTC	0.91	1.60	5.93
PRODUCTION	4-1/2"	0 to 9928	11.60	I-80	LTC	2.02	1.05	201000

- 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 3856 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD	
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18	
Option 1	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	NOTE: If well will circulate water to surface, option 2 will be utilized					
	LEAD	1500	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	7,318'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	800	60%	11.00	3.38	
	TAIL	2,610'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	730	60%	14.30	1.31	

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

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

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

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



Weatherford[®]

Drilling Services

Proposal



ANADARKO - KERR McGEE

NBU 922-18E2S

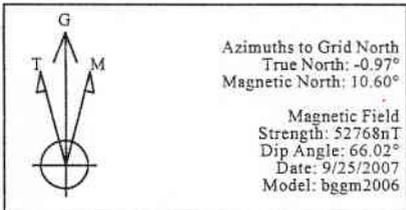
UINTAH COUNTY, UTAH

WELL FILE: PLAN 1

SEPTEMBER 24, 2007

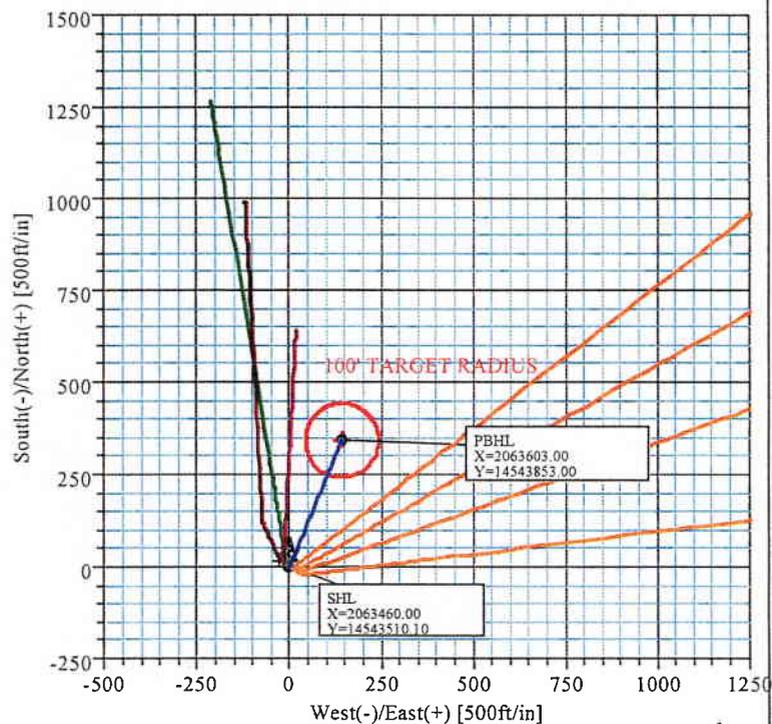
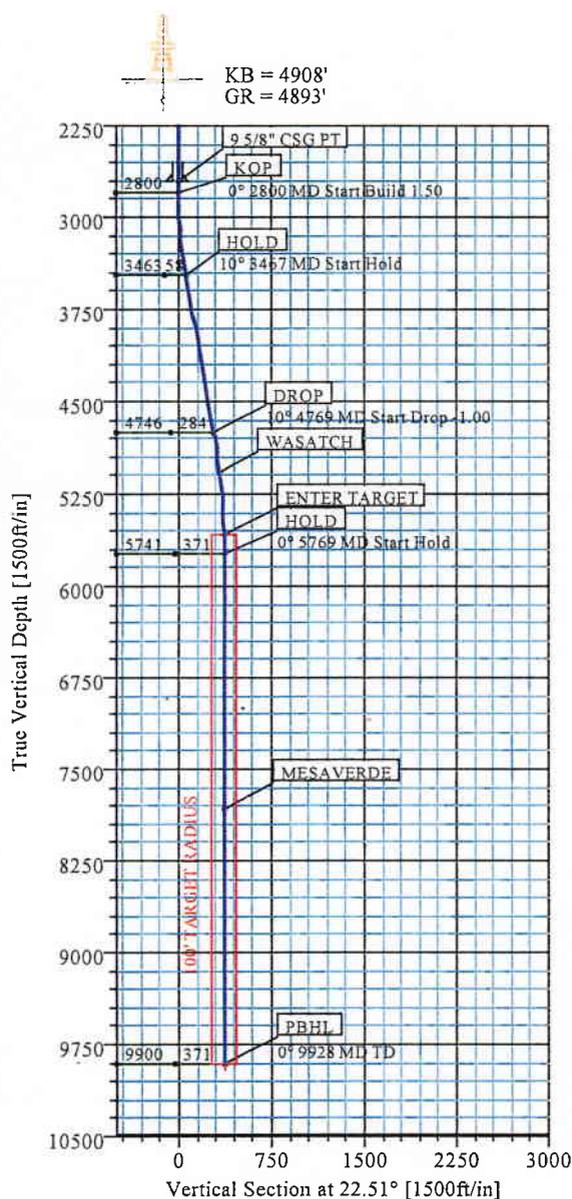
Weatherford International, Ltd.

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	22.51	0.00	0.00	0.00	0.00	0.00	0.00	
2	2800.00	0.00	22.51	2800.00	0.00	0.00	0.00	0.00	0.00	
3	3466.67	10.00	22.51	3463.29	53.61	22.22	1.50	22.51	58.03	
4	4768.74	10.00	22.51	4745.58	262.49	108.78	0.00	0.00	284.13	
5	5768.74	0.00	22.51	5740.51	342.90	142.10	1.00	180.00	371.18	
6	9928.23	0.00	22.51	9900.00	342.90	142.10	0.00	0.00	371.18	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
922-18E2S	0.00	0.00	14543510.10	2063460.90	40°02'17.184N	109°29'19.077W	N/A



LEGEND	
	922-18C4BS
	922-18C4CS
	922-18D2S
	922-18D3BS
	922-18D3DS
	922-18F1BS
	922-18F1CS
	922-18E2S
	Plan #1

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	5079.00	5105.75	WASATCH
2	7821.00	7849.23	MESAVERDE

FIELD DETAILS

UINTAH 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

CASING DETAILS				
No.	TVD	MD	Name	Size
1	2700.00	2700.00	9 5/8" CSG PT	9.625

Plan: Plan #1 (922-18E2S/1)
Created By: L WINCHELL Date: 9/25/2007

Company: Anadarko-Kerr-McGee	Date: 9/25/2007	Time: 16:40:51	Page: 1
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference: Site: NBU 922-18E2S PAD CDEF, Grid North		
Site: NBU 922-18E2S PAD CDEF	Vertical (TVD) Reference: SITE 4908.0		
Well: 922-18E2S	Section (VS) Reference: Well (0.00N,0.00E,22.51Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

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 922-18E2S PAD CDEF			
1870' FNL 354' FWL SEC 18-T9S-R22E			
Site Position:	Northing: 14543510.10 ft	Latitude: 40 2 17.184 N	
From: Map	Easting: 2063460.90 ft	Longitude: 109 29 19.077 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 4893.00 ft		Grid Convergence: 0.97 deg	

Well: 922-18E2S	Slot Name:		
Well Position:	+N/-S 0.00 ft	Northing: 14543510.10 ft	Latitude: 40 2 17.184 N
	+E/-W 0.00 ft	Easting: 2063460.90 ft	Longitude: 109 29 19.077 W
Position Uncertainty: 0.00 ft			

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 9/25/2007	Above System Datum: Mean Sea Level		
Field Strength: 52768 nT	Declination: 11.57 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 66.02 deg		
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	22.51

Plan: Plan #1	Date Composed: 9/25/2007
Principal: Yes	Version: 1
	Tied-to: From Surface

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	22.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	22.51	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3466.67	10.00	22.51	3463.29	53.61	22.22	1.50	1.50	0.00	22.51	
4768.74	10.00	22.51	4745.58	262.49	108.78	0.00	0.00	0.00	0.00	
5768.74	0.00	22.51	5740.51	342.90	142.10	1.00	-1.00	0.00	180.00	
9928.23	0.00	22.51	9900.00	342.90	142.10	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
2700.00	0.00	22.51	2700.00	0.00	0.00	0.00	0.00	14543510.10	2063460.90	9 5/8" CSG PT
2800.00	0.00	22.51	2800.00	0.00	0.00	0.00	0.00	14543510.10	2063460.90	KOP
2900.00	1.50	22.51	2899.99	1.21	0.50	1.31	1.50	14543511.31	2063461.40	
3000.00	3.00	22.51	2999.91	4.84	2.00	5.23	1.50	14543514.94	2063462.90	
3100.00	4.50	22.51	3099.69	10.88	4.51	11.77	1.50	14543520.98	2063465.41	
3200.00	6.00	22.51	3199.27	19.33	8.01	20.92	1.50	14543529.43	2063468.91	
3300.00	7.50	22.51	3298.57	30.19	12.51	32.68	1.50	14543540.29	2063473.41	
3400.00	9.00	22.51	3397.54	43.44	18.00	47.03	1.50	14543553.54	2063478.90	
3466.67	10.00	22.51	3463.29	53.61	22.22	58.03	1.50	14543563.71	2063483.12	HOLD
3500.00	10.00	22.51	3496.11	58.96	24.43	63.82	0.00	14543569.06	2063485.33	
3600.00	10.00	22.51	3594.59	75.00	31.08	81.18	0.00	14543585.10	2063491.98	
3700.00	10.00	22.51	3693.08	91.04	37.73	98.55	0.00	14543601.14	2063498.63	
3800.00	10.00	22.51	3791.56	107.08	44.38	115.91	0.00	14543617.18	2063505.28	
3900.00	10.00	22.51	3890.04	123.12	51.02	133.28	0.00	14543633.22	2063511.92	
4000.00	10.00	22.51	3988.52	139.17	57.67	150.64	0.00	14543649.27	2063518.57	

Company: Anadarko-Kerr-McGee	Date: 9/25/2007	Time: 16:40:51	Page: 2
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18E2S PAD CDEF, Grid Nort	
Site: NBU 922-18E2S PAD CDEF	Vertical (TVD) Reference:	SITE 4908.0	
Well: 922-18E2S	Section (VS) Reference:	Well (0.00N,0.00E,22.51Azi)	
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
4100.00	10.00	22.51	4087.00	155.21	64.32	168.01	0.00	14543665.31	2063525.22	
4200.00	10.00	22.51	4185.48	171.25	70.97	185.37	0.00	14543681.35	2063531.87	
4300.00	10.00	22.51	4283.96	187.29	77.61	202.74	0.00	14543697.39	2063538.51	
4400.00	10.00	22.51	4382.44	203.33	84.26	220.10	0.00	14543713.43	2063545.16	
4500.00	10.00	22.51	4480.92	219.38	90.91	237.47	0.00	14543729.48	2063551.81	
4600.00	10.00	22.51	4579.40	235.42	97.56	254.83	0.00	14543745.52	2063558.46	
4700.00	10.00	22.51	4677.88	251.46	104.21	272.20	0.00	14543761.56	2063565.11	
4768.74	10.00	22.51	4745.58	262.49	108.78	284.13	0.00	14543772.59	2063569.68	DROP
4800.00	9.69	22.51	4776.38	267.42	110.82	289.48	1.00	14543777.52	2063571.72	
4900.00	8.69	22.51	4875.09	282.17	116.93	305.44	1.00	14543792.27	2063577.83	
5000.00	7.69	22.51	4974.07	295.33	122.39	319.68	1.00	14543805.43	2063583.29	
5100.00	6.69	22.51	5073.29	306.89	127.18	332.20	1.00	14543816.99	2063588.08	
5105.75	6.63	22.51	5079.00	307.50	127.43	332.86	1.00	14543817.60	2063588.33	WASATCH
5200.00	5.69	22.51	5172.70	316.84	131.30	342.97	1.00	14543826.94	2063592.20	
5300.00	4.69	22.51	5272.29	325.20	134.76	352.01	1.00	14543835.30	2063595.66	
5400.00	3.69	22.51	5372.02	331.94	137.56	359.32	1.00	14543842.04	2063598.46	
5500.00	2.69	22.51	5471.87	337.08	139.69	364.88	1.00	14543847.18	2063600.59	
5600.00	1.69	22.51	5571.79	340.60	141.15	368.69	1.00	14543850.70	2063602.05	
5607.21	1.62	22.51	5579.00	340.80	141.23	368.90	1.00	14543850.90	2063602.13	ENTER TARGET
5700.00	0.69	22.51	5671.77	342.52	141.94	370.77	1.00	14543852.62	2063602.84	
5768.74	0.00	22.51	5740.51	342.90	142.10	371.18	1.00	14543853.00	2063603.00	HOLD
5800.00	0.00	22.51	5771.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
5900.00	0.00	22.51	5871.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6000.00	0.00	22.51	5971.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6100.00	0.00	22.51	6071.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6200.00	0.00	22.51	6171.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6300.00	0.00	22.51	6271.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6400.00	0.00	22.51	6371.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6500.00	0.00	22.51	6471.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6600.00	0.00	22.51	6571.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6700.00	0.00	22.51	6671.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6800.00	0.00	22.51	6771.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
6900.00	0.00	22.51	6871.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7000.00	0.00	22.51	6971.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7100.00	0.00	22.51	7071.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7200.00	0.00	22.51	7171.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7300.00	0.00	22.51	7271.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7400.00	0.00	22.51	7371.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7500.00	0.00	22.51	7471.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7600.00	0.00	22.51	7571.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7700.00	0.00	22.51	7671.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7800.00	0.00	22.51	7771.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
7849.23	0.00	22.51	7821.00	342.90	142.10	371.18	0.00	14543853.00	2063603.00	MESAVERDE
7900.00	0.00	22.51	7871.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8000.00	0.00	22.51	7971.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8100.00	0.00	22.51	8071.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8200.00	0.00	22.51	8171.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8300.00	0.00	22.51	8271.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8400.00	0.00	22.51	8371.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8500.00	0.00	22.51	8471.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8600.00	0.00	22.51	8571.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8700.00	0.00	22.51	8671.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
8800.00	0.00	22.51	8771.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	

Company: Anadarko-Kerr-McGee	Date: 9/25/2007	Time: 16:40:51	Page: 3
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference: Site: NBU 922-18E2S PAD CDEF, Grid North		
Site: NBU 922-18E2S PAD CDEF	Vertical (TVD) Reference: SITE 4908.0		
Well: 922-18E2S	Section (VS) Reference: Well (0.00N,0.00E,22.51Azi)		
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
8900.00	0.00	22.51	8871.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9000.00	0.00	22.51	8971.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9100.00	0.00	22.51	9071.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9200.00	0.00	22.51	9171.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9300.00	0.00	22.51	9271.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9400.00	0.00	22.51	9371.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9500.00	0.00	22.51	9471.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9600.00	0.00	22.51	9571.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9700.00	0.00	22.51	9671.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9800.00	0.00	22.51	9771.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9900.00	0.00	22.51	9871.77	342.90	142.10	371.18	0.00	14543853.00	2063603.00	
9928.23	0.00	22.51	9900.00	342.90	142.10	371.18	0.00	14543853.00	2063603.00	PBHL

Targets

Name	Description Dip.	TVD Dir.	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec				
PBHL	-Circle (Radius: 100) -Plan hit target	9900.00	342.90	142.10	14543853.00	2063603.00	40	2	20.549	N	109	29	17.175	W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2700.00	2700.00	9.625	9.625	9 5/8" CSG PT

Annotation

MD ft	TVD ft	
2800.00	2800.00	KOP
3466.67	3463.29	HOLD
4768.74	4745.58	DROP
5607.21	5579.00	ENTER TARGET
5768.74	5740.51	HOLD
9928.23	9900.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
5105.75	5079.00	WASATCH		0.00	0.00
7849.23	7821.00	MESAVERDE		0.00	0.00

**NBU 922-18E2S
SW/NW LOT 2, SEC. 18, T9S, R22E
UINTAH COUNTY, UTAH
UTU-0359**

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 170' +/- 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 20'' +/- of 10'' steel pipeline is proposed from the location to an existing pipeline. Refer to the attached Topo Map D.

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

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

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

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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

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

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

Culverts will be installed where needed.

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

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

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

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

Please see the Natural Buttes SOP.

11. **Surface Ownership:**

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

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

12. **Other Information:**

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

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

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

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

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

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

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

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

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

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


Sheila Upchego

11/5/2007

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS,
D3BS, & D2S
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 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 170' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.0 MILES.

orig.

Kerr-McGee Oil & Gas Onshore LP

NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, D3BS, & D2S

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

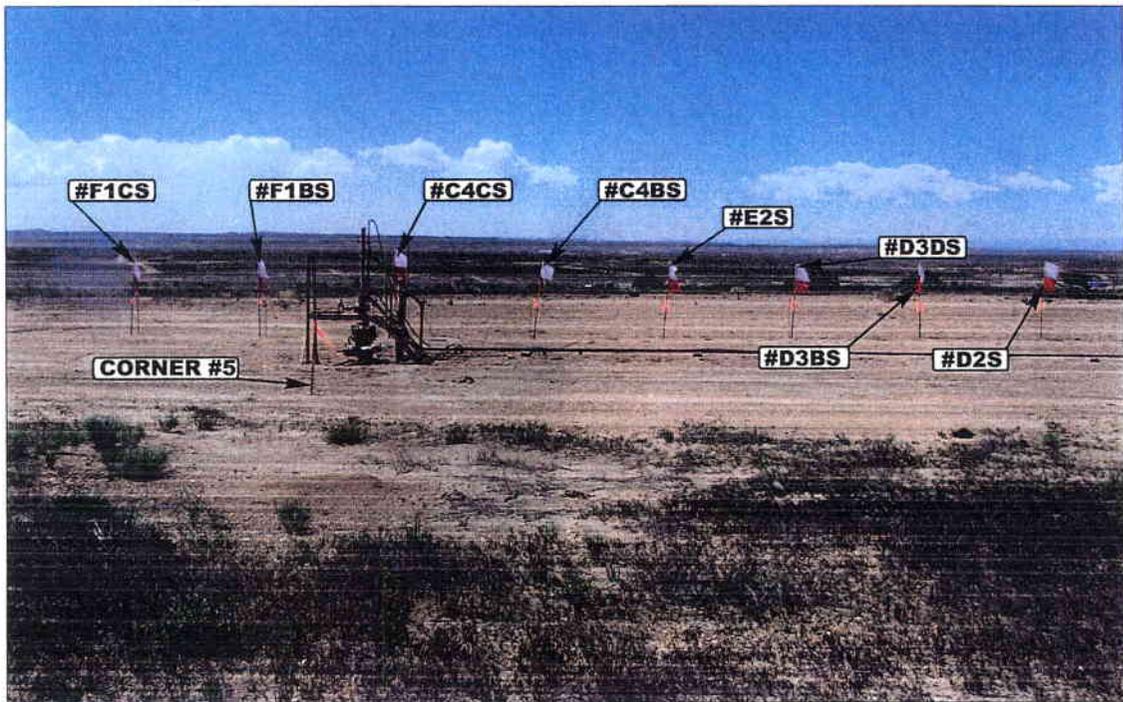


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

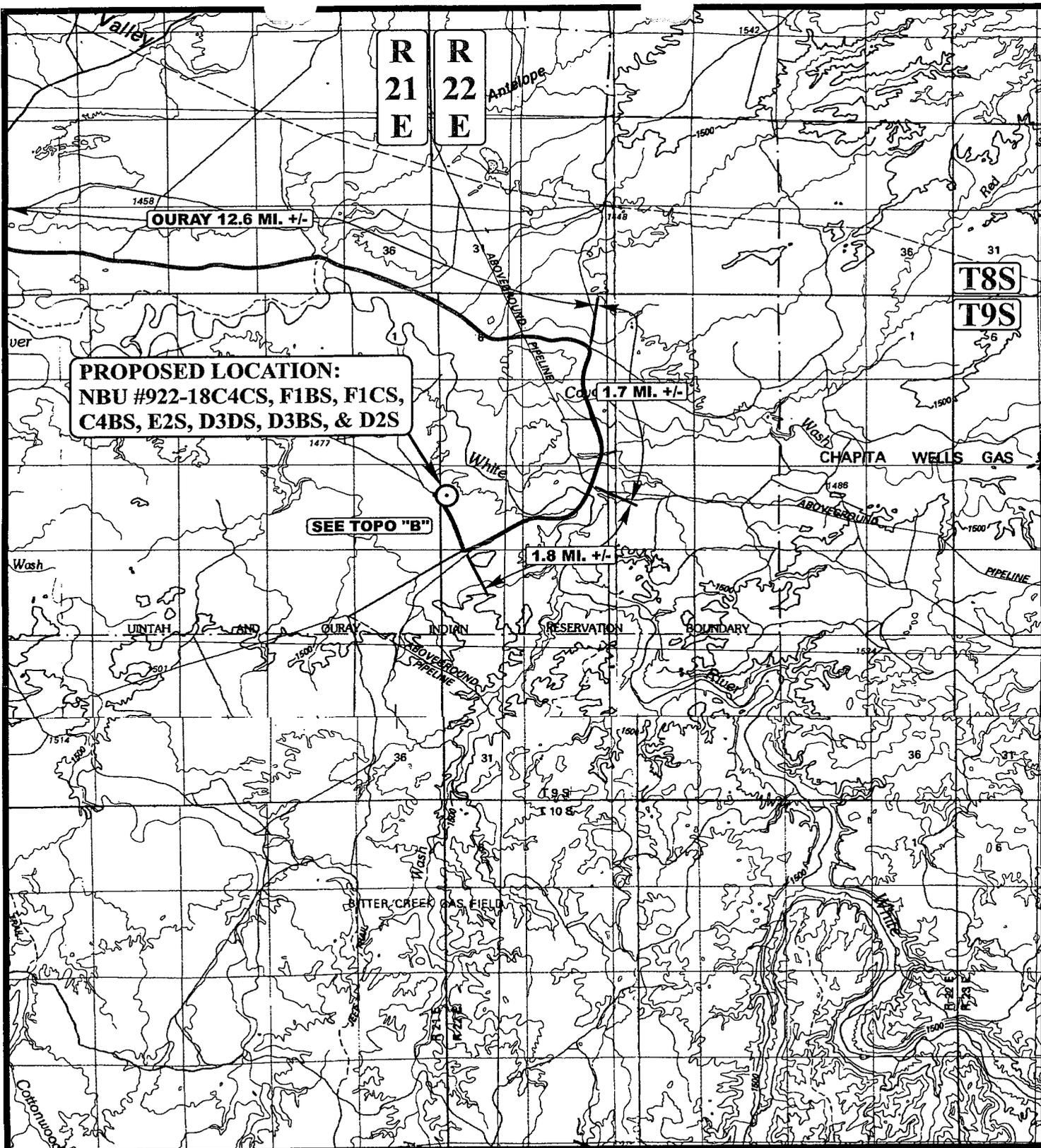
CAMERA ANGLE: EASTERLY



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

- 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 #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, D3BS, & D2S
SECTION 18, T9S, R22E, S.L.B.&M.
LOT 2



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

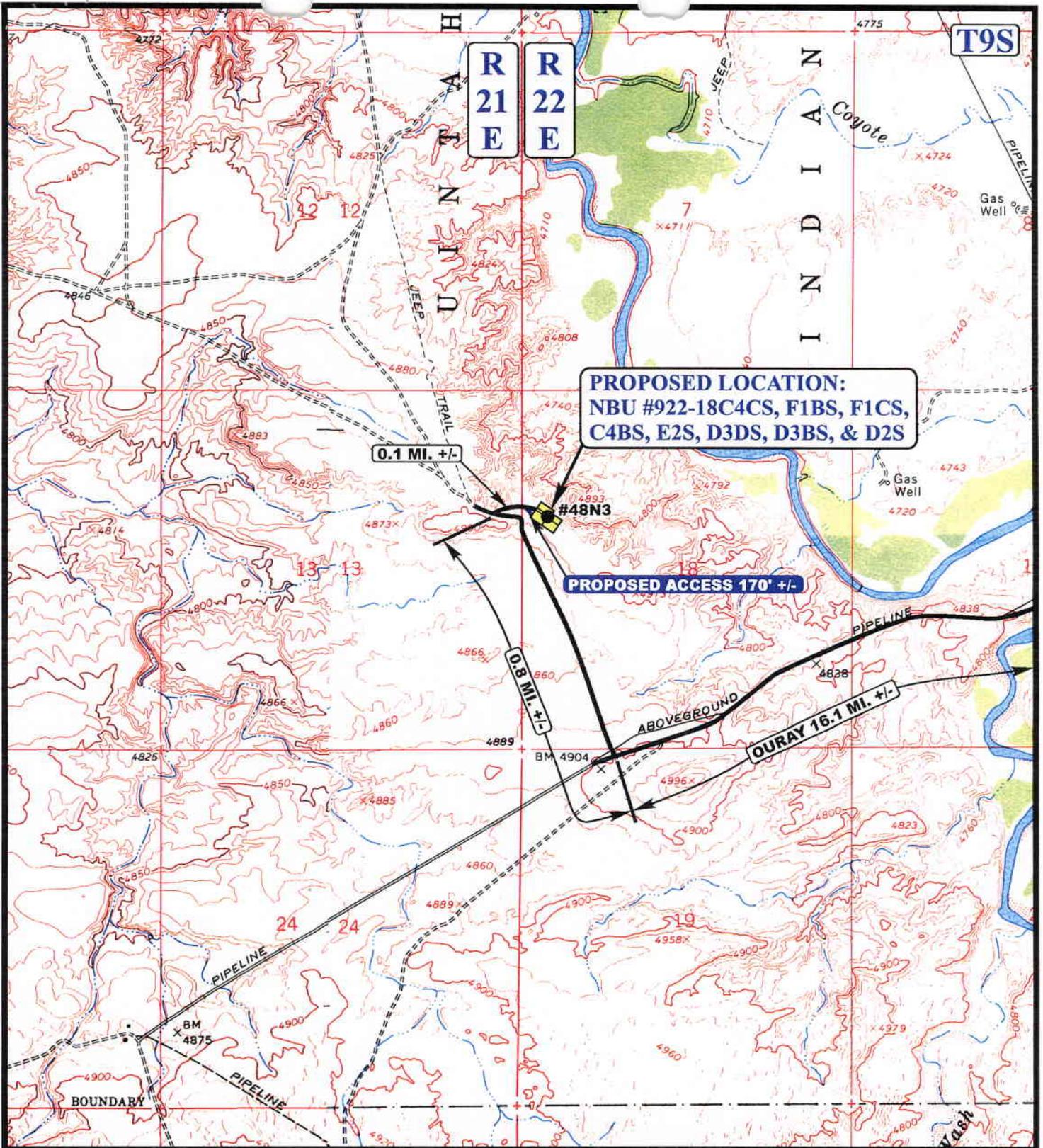


TOPOGRAPHIC
MAP

05	16	07
MONTH	DAY	YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, D3BS, & D2S
SECTION 18, T9S, R22E, S.L.B.&M.
LOT 2



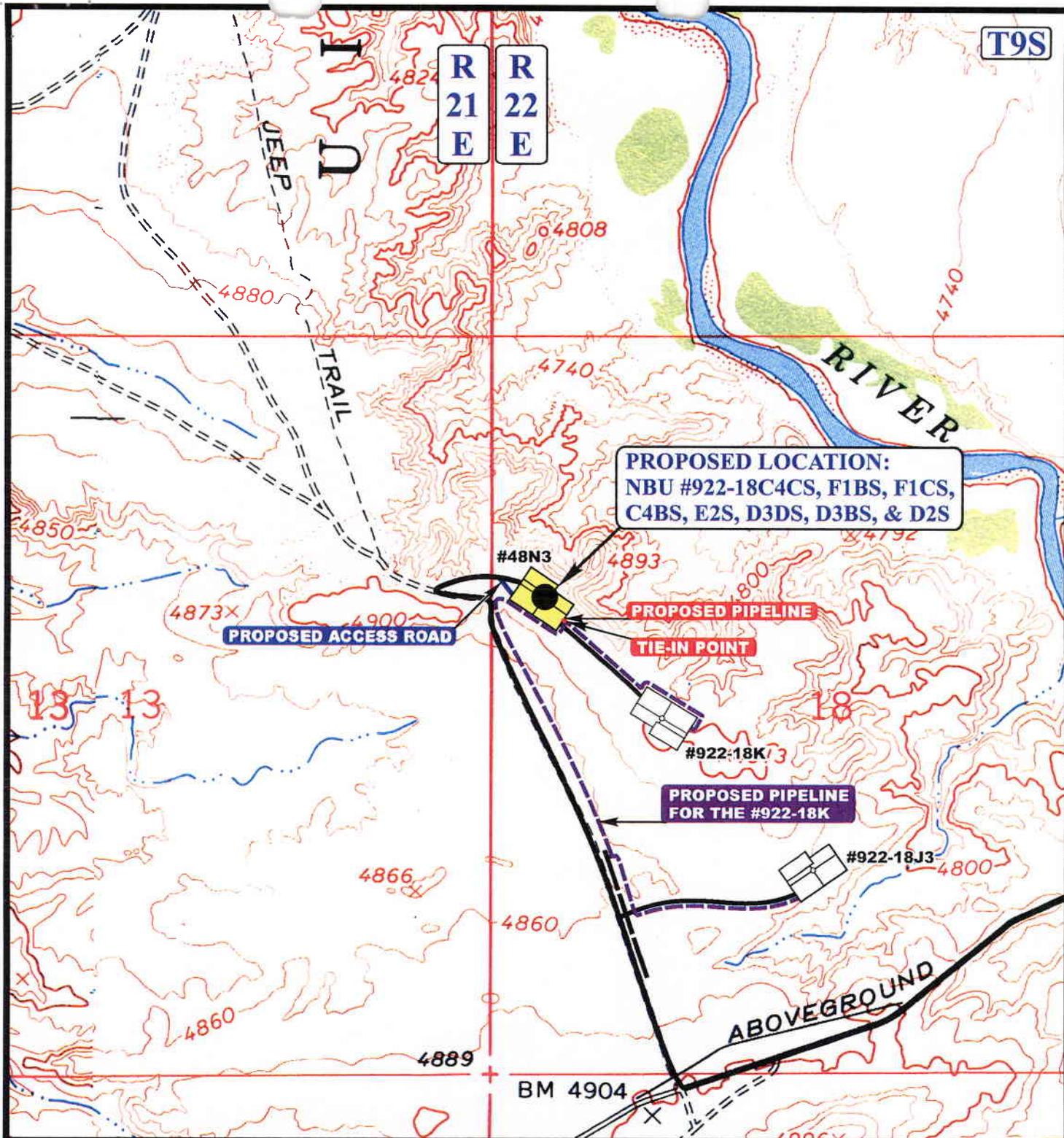
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

05 16 07
MONTH DAY YEAR



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



APPROXIMATE TOTAL PIPELINE DISTANCE = 20' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, D3BS, & D2S
SECTION 18, T9S, R22E, S.L.B.&M.
LOT 2



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

TOPOGRAPHIC MAP 05 16 07
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 10-25-07



Kerr-McGee Oil & Gas Onshore LP

NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, D3BS, & D2S
PIPELINE ALIGNMENT

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

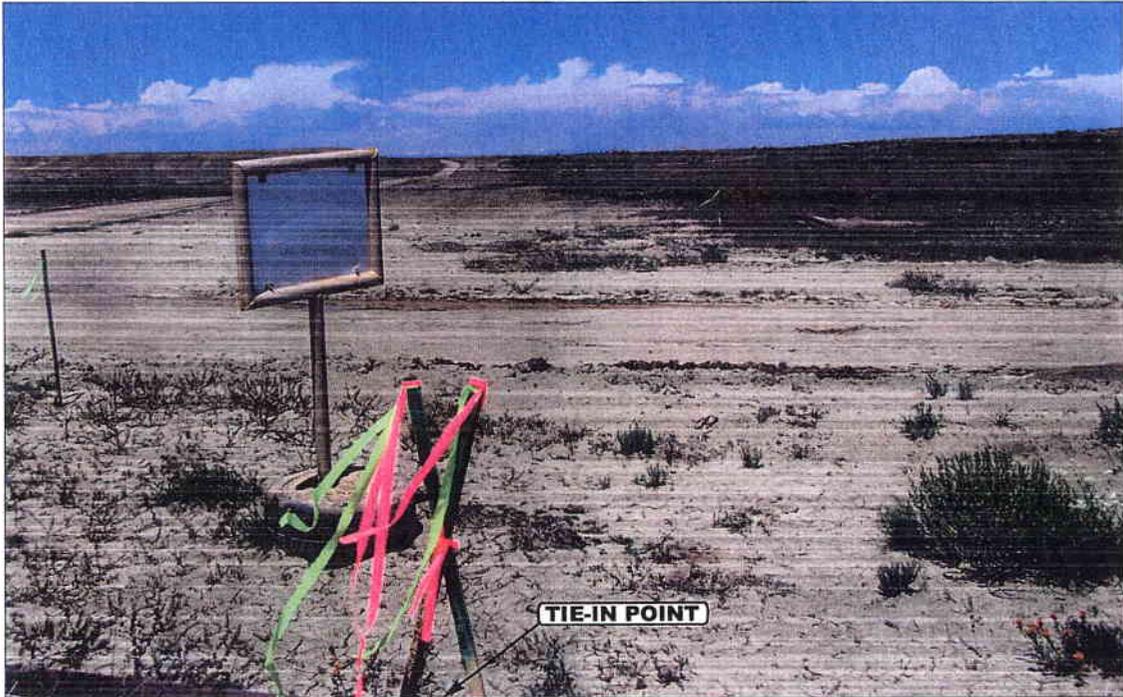


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHWESTERLY



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

- Since 1964 -

PIPELINE PHOTOS

05 16 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

REVISED: 00-00-00

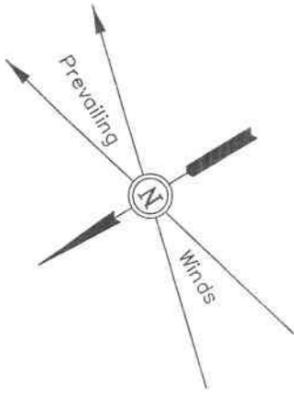
Kerr-McGee Oil & Gas Onshore LP

SITE PLAN LAYOUT FOR

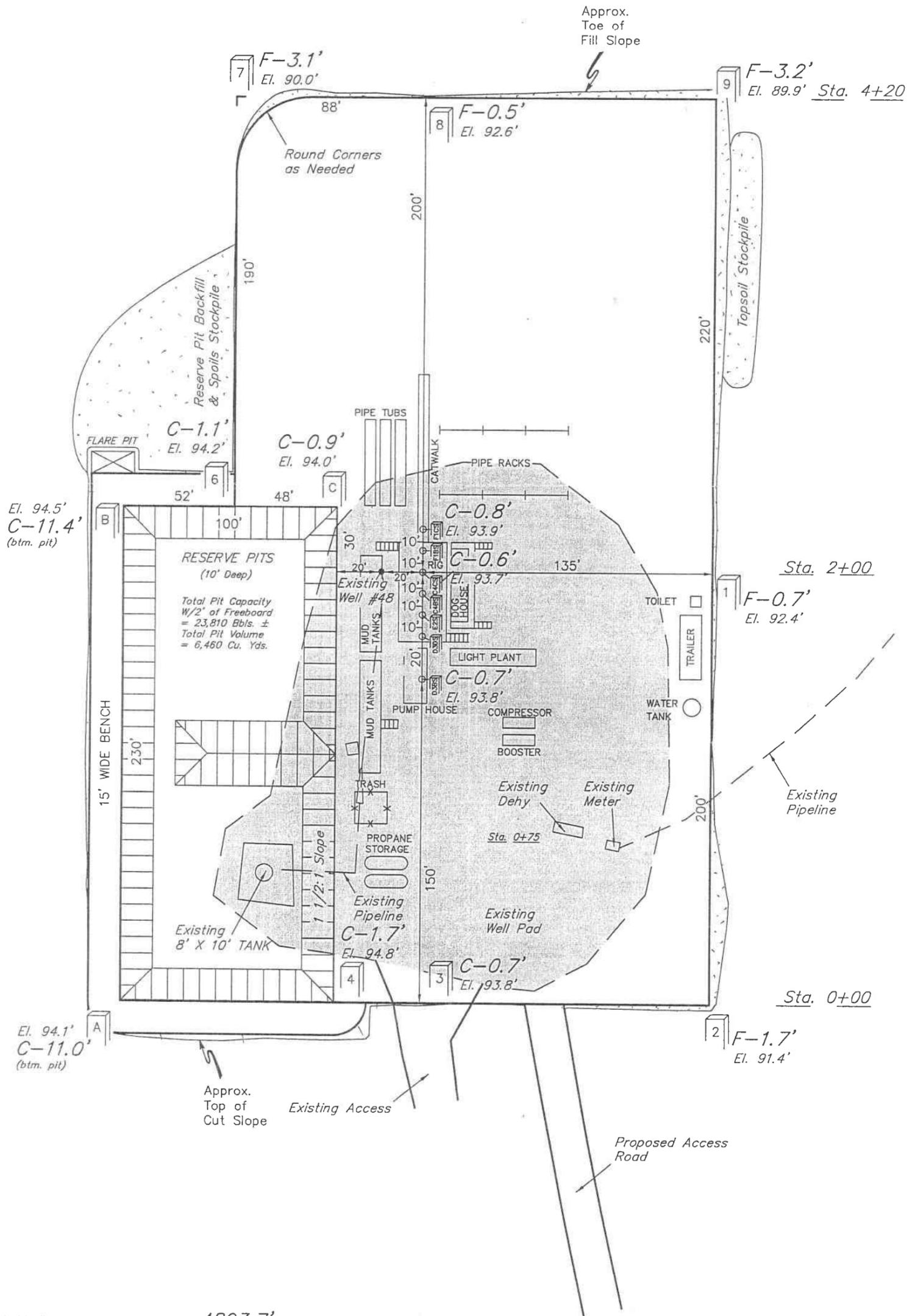
NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, & D3BS

SECTION 18, T9S, R22E, S.L.B.&M.

LOT2



SCALE: 1" = 50'
DATE: 5-18-07
Drawn By: C.H.
REV: 10-22-07



NOTES:

Elev. Ungraded Ground At #18C4CS Loc. Stake = 4893.7'
FINISHED GRADE ELEV. AT #18C4CS LOC. STAKE = 4893.1'

Kerr-McGee Oil & Gas Onshore LP

TYPICAL CROSS SECTIONS FOR

NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, & D3BS

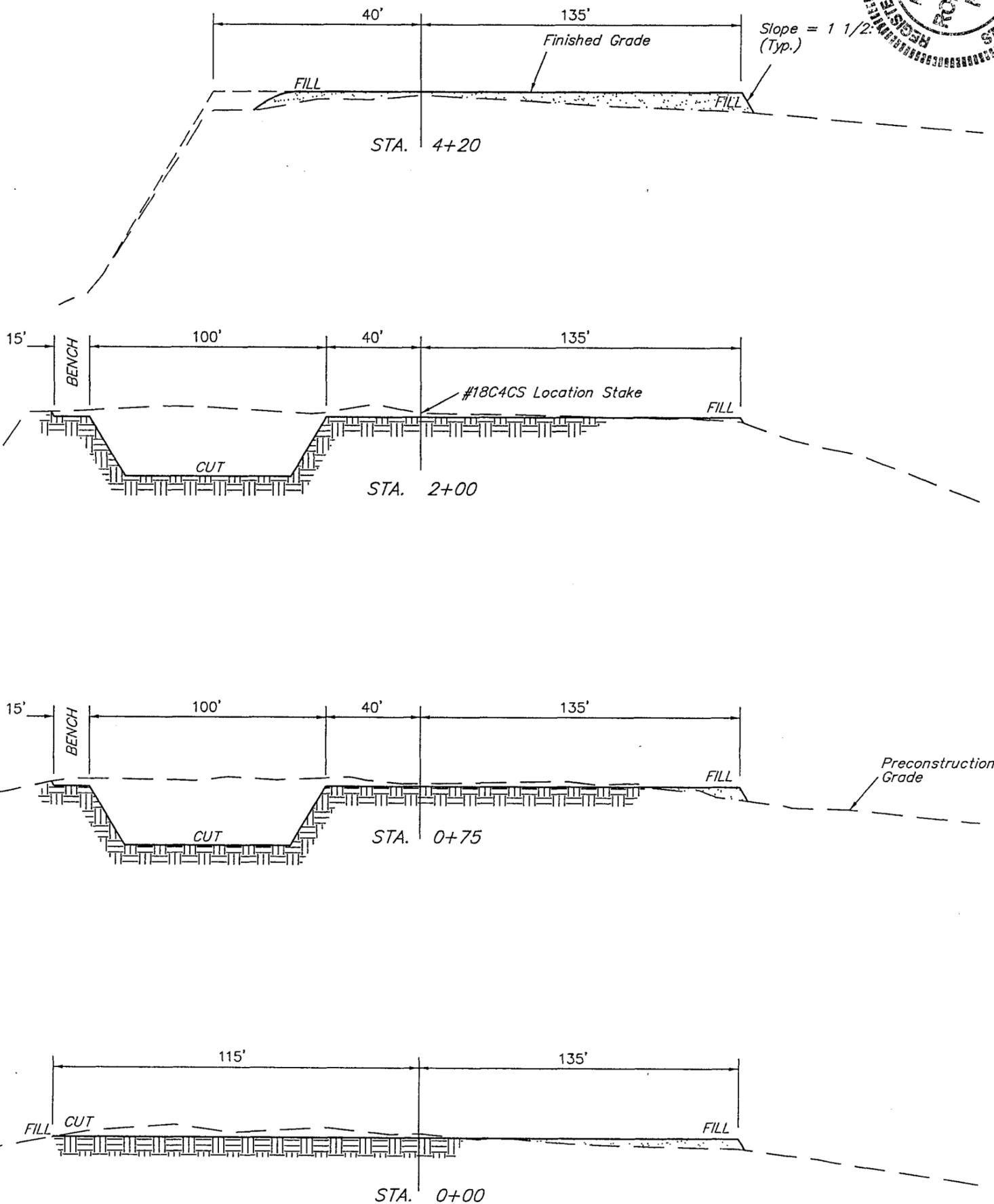
SECTION 18, T9S, R22E, S.L.B.&M.

LOT2

FIGURE #2

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

DATE: 5-18-07
Drawn By: C.H.
REV: 10-22-07



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 = 4,410 Cu. Yds.
Remaining Location = 6,670 Cu. Yds.

TOTAL CUT = 11,080 CU.YDS.
FILL = 3,440 CU.YDS.

EXCESS MATERIAL = 7,640 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 7,640 Cu. Yds.
EXCESS UNBALANCE = 0 Cu. Yds. (After Interim Rehabilitation)

Kerr-McGee Oil & Gas Onshore LP

SITE PLAN LAYOUT FOR

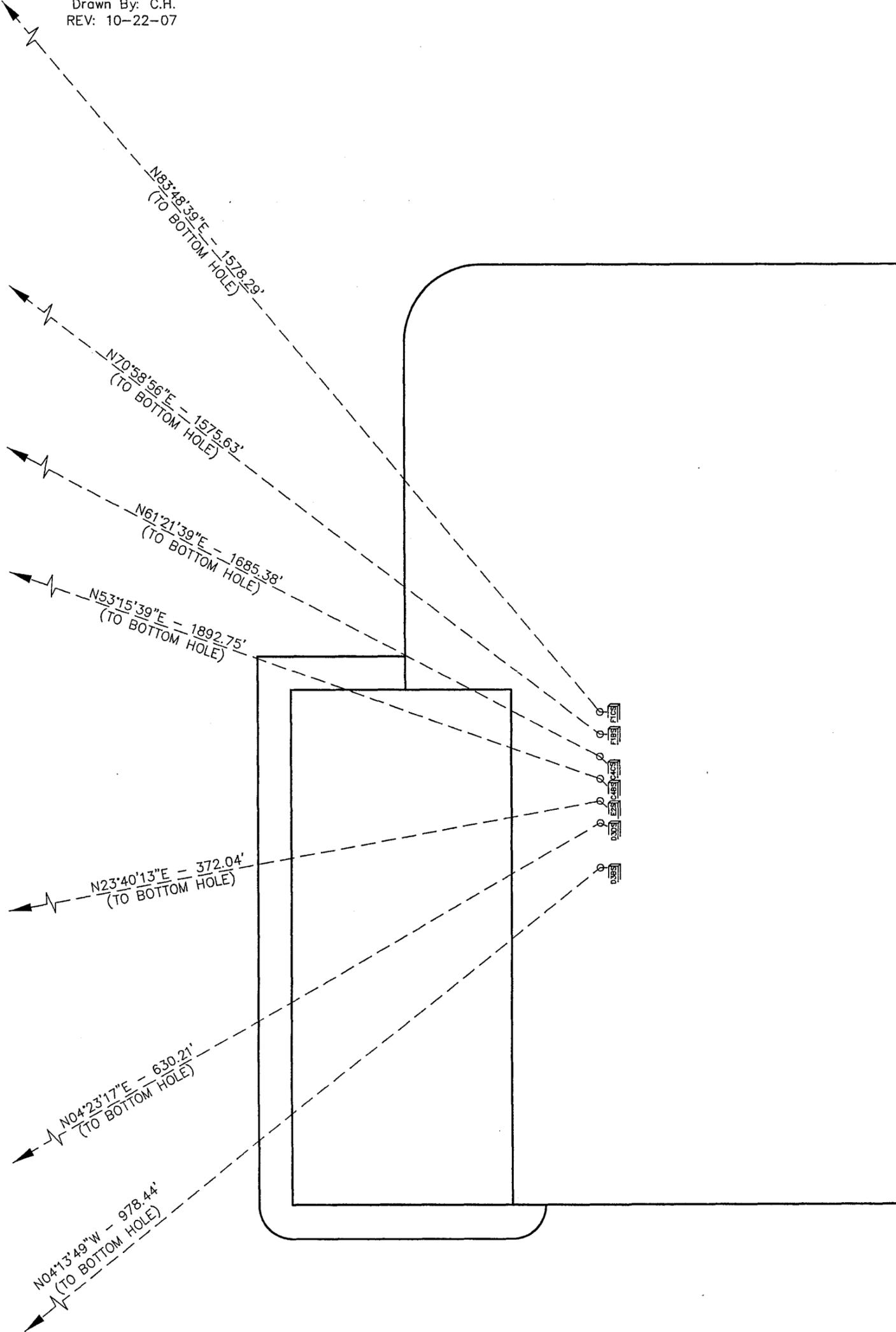
NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, & D3BS

SECTION 18, T9S, R22E, S.L.B.&M.

LOT 2



SCALE: 1" = 50'
DATE: 5-18-07
Drawn By: C.H.
REV: 10-22-07



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/20/2007

API NO. ASSIGNED: 43-047-39837

WELL NAME: NBU 922-18E2S

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 435-781-7024

CONTACT: SHEILA UPCHEGO

PROPOSED LOCATION:

SWNW 18 090S 220E

SURFACE: 1870 FNL 0354 FWL

BOTTOM: 1529 FNL 0503 FWL

COUNTY: UINTAH

LATITUDE: 40.03812 LONGITUDE: -109.4886

UTM SURF EASTINGS: 628943 NORTHINGS: 4432872

FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0359

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005239)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

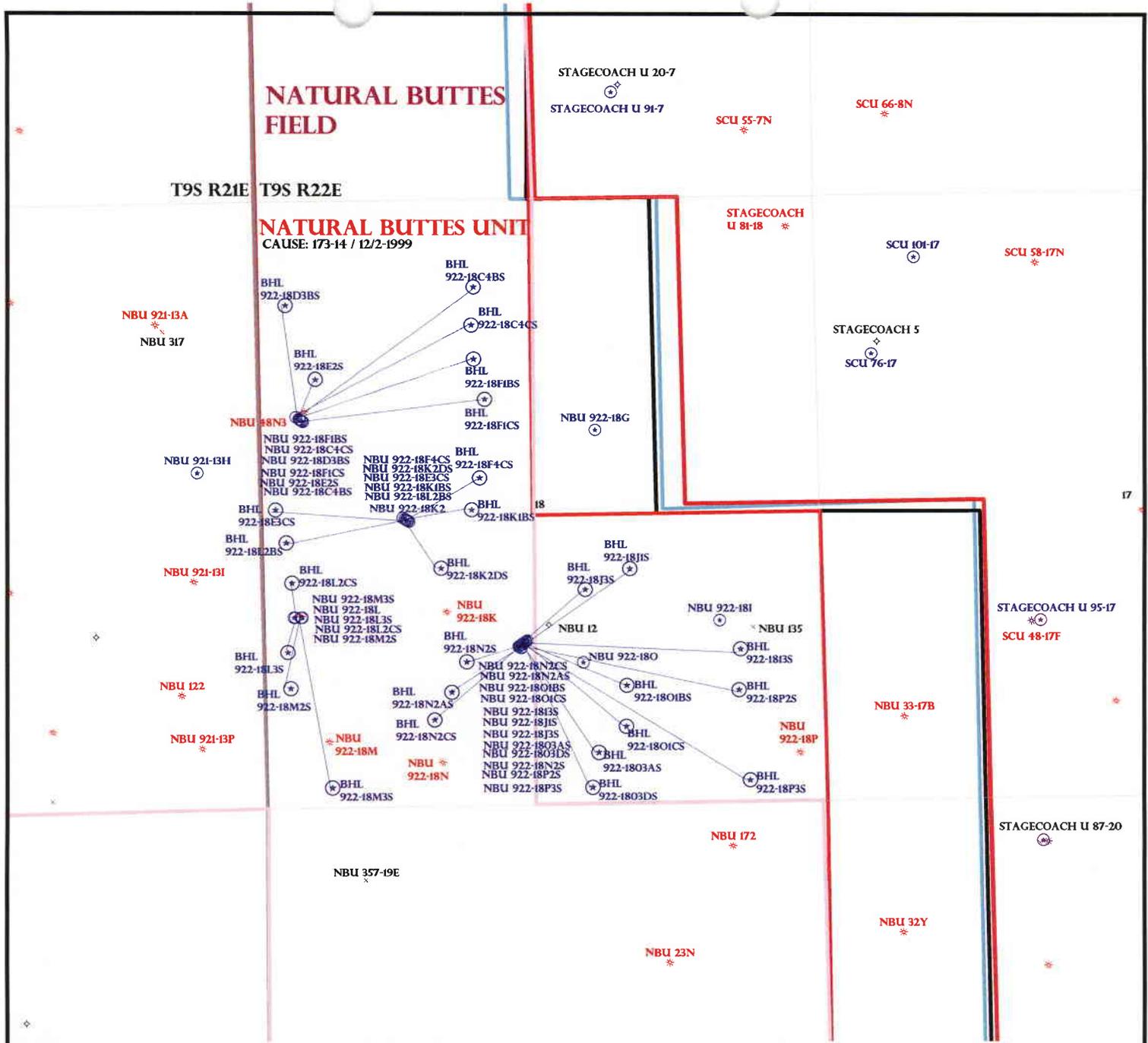
- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' fr u b arg ? u n e o m m t r e e t s
- R649-3-11. Directional Drill

COMMENTS:

See Separate Files

STIPULATIONS:

*1- Federal Approval
2- OIL SHALE*



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



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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 30, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

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

43-047-39828	NBU	922-18M2S	Sec 18	T09S	R22E	1689	FSL	0284	FWL
		BHL	Sec 18	T09S	R22E	1075	FSL	0232	FWL
43-047-39829	NBU	922-18P3S	Sec 18	T09S	R22E	1424	FSL	2605	FEL
		BHL	Sec 18	T09S	R22E	0203	FSL	0668	FEL
43-047-39830	NBU	922-18P2S	Sec 18	T09S	R22E	1436	FSL	2588	FEL
		BHL	Sec 18	T09S	R22E	0988	FSL	0745	FEL
43-047-39831	NBU	922-18N2S	Sec 18	T09S	R22E	1402	FSL	2637	FEL
		BHL	Sec 18	T09S	R22E	1278	FSL	1753	FWL
43-047-39832	NBU	922-18O3DS	Sec 18	T09S	R22E	1407	FSL	2629	FEL
		BHL	Sec 18	T09S	R22E	0165	FSL	2024	FEL
43-047-39833	NBU	922-18O3AS	Sec 18	T09S	R22E	1413	FSL	2621	FEL
		BHL	Sec 18	T09S	R22E	0465	FSL	1965	FEL
43-047-39834	NBU	922-18O1CS	Sec 18	T09S	R22E	1419	FSL	2613	FEL
		BHL	Sec 18	T09S	R22E	0687	FSL	1723	FEL
43-047-39835	NBU	922-18O1BS	Sec 18	T09S	R22E	1430	FSL	2596	FEL
		BHL	Sec 18	T09S	R22E	1046	FSL	1714	FEL
43-047-39836	NBU	922-18C4BS	Sec 18	T09S	R22E	1875	FNL	0362	FWL
		BHL	Sec 18	T09S	R22E	0745	FNL	1878	FWL
43-047-39837	NBU	922-18E2S	Sec 18	T09S	R22E	1870	FNL	0354	FWL
		BHL	Sec 18	T09S	R22E	1529	FNL	0503	FWL
43-047-39838	NBU	922-18F1CS	Sec 18	T09S	R22E	1892	FNL	0387	FWL
		BHL	Sec 18	T09S	R22E	1724	FNL	1956	FWL
43-047-39839	NBU	922-18N2AS	Sec 18	T09S	R22E	1396	FSL	2228	FWL
		BHL	Sec 18	T09S	R22E	1016	FSL	1617	FWL
43-047-39840	NBU	922-18L2BS	Sec 18	T09S	R22E	2513	FSL	1273	FWL
		BHL	Sec 18	T09S	R22E	2344	FSL	0223	FWL
43-047-39841	NBU	922-18D3BS	Sec 18	T09S	R22E	1853	FNL	0329	FWL
		BHL	Sec 18	T09S	R22E	0877	FNL	0256	FWL
43-047-39842	NBU	922-18J3S	Sec 18	T09S	R22E	1453	FSL	2564	FEL
		BHL	Sec 18	T09S	R22E	1888	FSL	2052	FEL
43-047-39843	NBU	922-18J1S	Sec 18	T09S	R22E	1447	FSL	2572	FEL
		BHL	Sec 18	T09S	R22E	2062	FSL	1665	FEL

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

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

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

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

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:11-30-07



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 3, 2007

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

Re: NBU 922-18E2S Well, Surface Location 1870' FNL, 354' FWL, SW NW, Sec. 18, T. 9 South, R. 22 East, Bottom Location 1529' FNL, 503' FWL, SW NW, 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 43-047-39837.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Kerr McKee Oil and Gas Onshore LP
Well Name & Number NBU 922-18E2S
API Number: 43-047-39837
Lease: UTU-0359

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

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NOV - 7 2007

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
VERNAL FIELD OFFICE
2007 NOV 19 PM 12:35

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

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-0359
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 922-18E2S
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 1870'FNL, 354'FWL (LOT 2) At proposed prod. Zone SW/NW 1529'FNL, 503'FWL (LOT 2)		9. API Well No. 43 047 39837
14. Distance in miles and direction from nearest town or post office* 17 +/- 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) 354'	16. No. of Acres in lease 162.39	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.) 4894'GL	19. Proposed Depth 9928'	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) JERRY KENICKA	Date SEP 08 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL 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

RECEIVED

SEP 16 2008

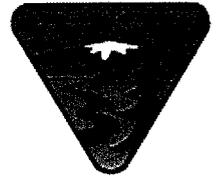
DIV. OF OIL, GAS & MINING

UDOGM

NO NOS
08MIC0102A



**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:** LOT 2, Sec. 18, T9S, R22E (S)
LOT 2, Sec. 18, T9S, R22E (B)
Well No: NBU 922-18E2S **Lease No:** UTU-0359
API No: 43-047-39837 **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
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
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

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

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

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 determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

Additional Stipulations:

None

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 ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.

- The Company will implement “Safety and Emergency Plan.” The Company’s safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD’s and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.

Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each

encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0359
2. Name of Operator Kerr-McGee Oil & Gas Onshore, LP		6. If Indian, Allottee, or Tribe Name Ute Tribe
3a. Address P.O. Box 173779, Denver, CO 80217-3779	3b. Phone No. (include area code) 720.929.6226	7. If Unit or CA. Agreement Name and/or No. UTU-63047A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NW Sec. 18 T 9S R 22E 1892 FNL 387 FWL		8. Well Name and No. NBU 922-18E2S
		9. API Well No. 43-047-39837
		10. Field and Pool, or Exploratory Area Natural Buttes
		11. County or Parish, State Utah

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

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

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

Kerr-McGee Oil & Gas Onshore, LP, respectfully notifies that the center stakes for the surface location have been moved to SWNW 1892' FNL & 387' FWL. The bottomhole location has not been changed.

COPY SENT TO OPERATOR

Approved by the
Utah Division of
Oil, Gas and Mining

628953X 40.038058
4432865Y -109.488524

Date: 12.4.2008
Initials: KS

Date: 12-01-08

Federal Approval of this
Action is Necessary

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

Name (Printed/ Typed) Kevin McIntyre	Title Regulatory Analyst
Signature <i>Kevin McIntyre</i>	Date 11/12/08

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.

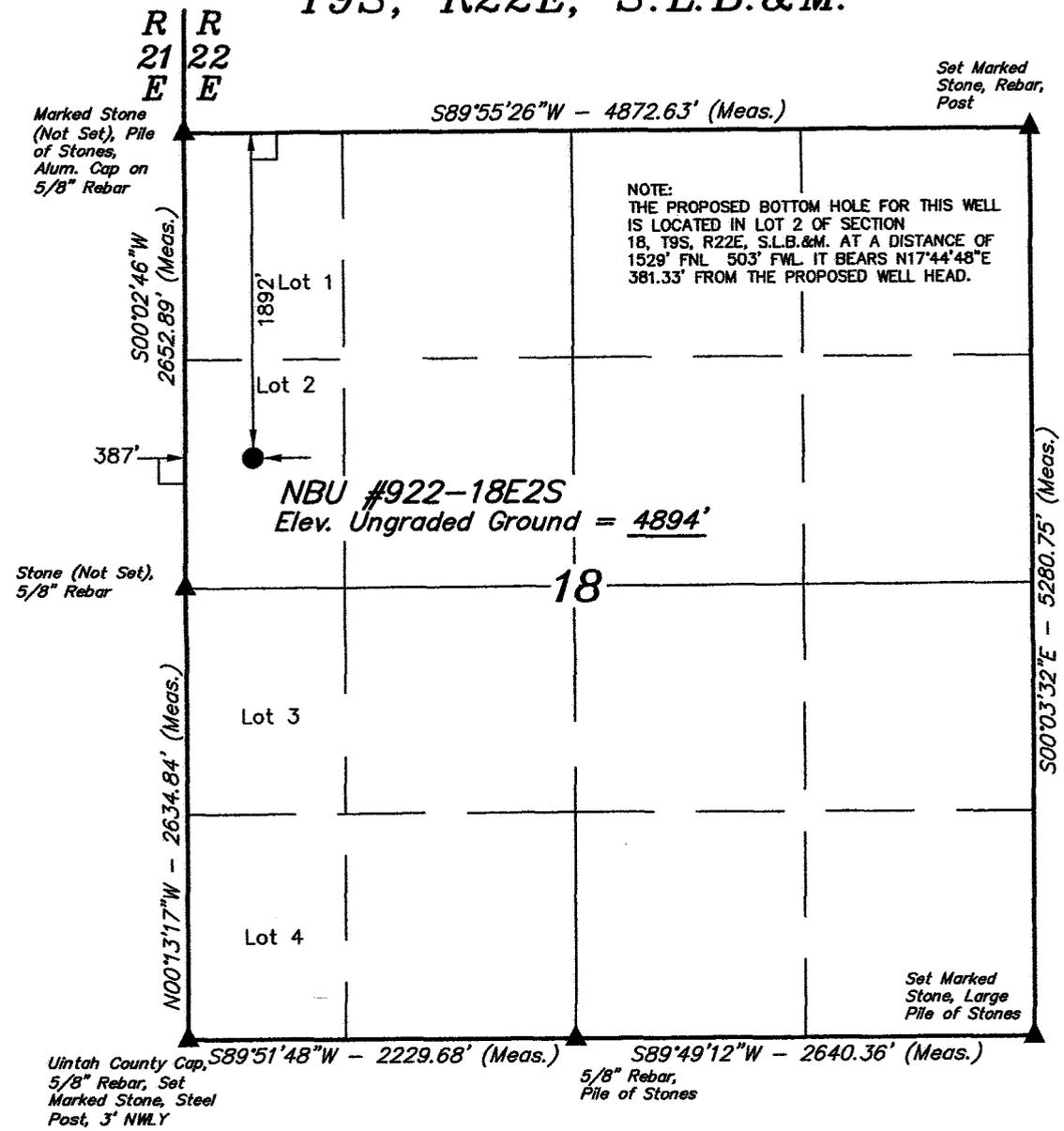
(Instructions on page 2)

RECEIVED

NOV 17 2008

DIV. OF OIL, GAS & MINING

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



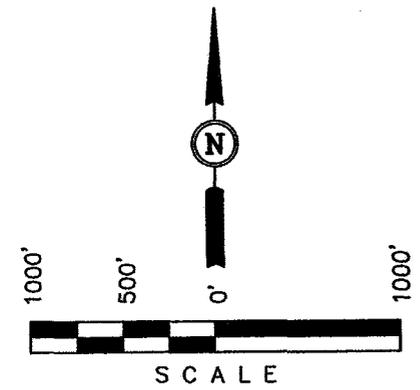
Kerr-McGee Oil & Gas Onshore LP
 Well location, NBU #922-18E2S, located as shown in Lot 2 of Section 18, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

Robert Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 10-29-08

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

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°02'20.58" (40.039050)	LONGITUDE = 109°29'20.15" (109.488931)	LATITUDE = 40°02'16.99" (40.038053)	LONGITUDE = 109°29'21.65" (109.489347)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°02'20.71" (40.039086)	LONGITUDE = 109°29'17.68" (109.488244)	LATITUDE = 40°02'17.12" (40.038089)	LONGITUDE = 109°29'19.18" (109.488661)

SCALE 1" = 1000'	DATE SURVEYED: 05-07-07	DATE DRAWN: 05-17-07
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

July 30, 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 922-18E2S
T9S-R22E
Section 18: Lot 2 (SWNW)
Surface: 1892' FNL, 387' FWL
Bottom Hole: 1529' FNL, 503' FWL
Uintah County, Utah

Dear Mrs. Mason:

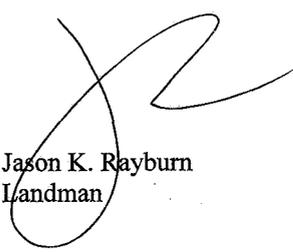
Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 922-18E2S 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-0359
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
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: 891008900A
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		8. WELL NAME and NUMBER: NBU 922-18E2S
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779	PHONE NUMBER: (720) 929-6226	9. API NUMBER: 4304739837
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1892' FNL & 387' FWL		10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 18 9S 22E		COUNTY: Uintah
		STATE: UTAH

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

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

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

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-11-08
By: [Signature]

COPY SENT TO OPERATOR
Date: 12.16.2008
Initials: KS

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)

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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: 4304739837
Well Name: NBU 922-18E2S
Location: SWNW 1892' FNL & 387' FWL, 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

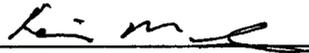
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0359
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 922-18E2S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398370000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1892 FNL 0387 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/29/2009	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<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.
 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 05/29/2009 AT 1000 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 01, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/1/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0359
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 922-18E2S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398370000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1892 FNL 0387 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 6/11/2009	<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.

MIRU ELENBURG RIG 12 ON 06/07/2009. DRILLED 12 1/4" SURFACE HOLE TO 2845'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/210 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DISPLACE W/215 BBLs FRESH WATER FINAL CIRC OF 550 PSI BUMPED PLUG FLOATS HELD. RAN 200' OF 1" PIPE. CMT W/120 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN 1" PIPE. TOP OUT W/120 SX PREM CLASS G @15.8 PPG 1.15 YIELD. CMT TO SURFACE HOLE STAYED FULL. WORT.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 10, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/15/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0359
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 922-18E2S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398370000
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: 1892 FNL 0387 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 18 Township: 09.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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<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: 8/10/2009	<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
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	<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 2845' TO 9960' ON 08/09/2009. RAN 4-1/2" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBLS H2O. LEAD CMT W/630 SX CLASS G PREM LITE @ 11.7 PPG, 2.50 YIELD. TAILED CMT W/1,260 SX CLASS G 50/50 POZ @ 14.3 PPG, 1.31 YIELD. DROP PLUG & DISPLACE W/154 BBLS FW + ADDITIVES, LIFT PRESSURE @ 2465, BUMP PRESSURE 3050 PSI, FLOATS OK, 1.5 BBLS BACK TO INVENTORY. GOOD RETURNS W/29 BBLS LEAD CMT TO PIT. CALC TOP OF CMT 4329'. RELEASE H&P 298 RIG ON 08/10/2009 AT 21:30 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 11, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 8/11/2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0359
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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: 12/23/2009	<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 12/23/2009 AT 12:00 P.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 December 29, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 12/29/2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18E2S YELLOW Spud Conductor: 5/29/2009 Spud Date: 6/7/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 4/23/2009 End Date: 8/10/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/W/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/7/2009	5:00 - 10:30	5.50	MIRU	01	B	P		MOVE RIG 10' FOWARD, RIG UP RIG.
	10:30 - 13:30	3.00	MIRU	13	A			WELD ON CONDUCTOR HEAD AND INSTALL BOWIE LINE. BUILD DITCHES FROM STEEL PITS TO RESERVE PIT.
	13:30 - 14:30	1.00	DRLSUR	05		P		P/U MOTOR STAB THROUGH 8" ROT HEAD RUBBER, MAKE UP BIT. INSTALL ROT HEAD RUBBER, P/U MWD TOOLCARRIER.
	14:30 - 15:00	0.50	DRLSUR	02	D	P		DRILL 51'-64'
	15:00 - 15:30	0.50	DRLSUR	05	A	P		PICK UP EMITTER TOOL AND SUB, SCRIBE TOOL.
	15:30 - 17:00	1.50	DRLSUR	02	D	P		DRILL SLIDE 64'-188'. (124', 83'/HR) WOB 12k, ROT 45, PSI ON/OFF= 430/630. 680 GPM,
	17:00 - 17:30	0.50	DRLSUR	13	B	P		PULL 8" ROT RUBBER, AND INSTALL 6" ROT. RUBBER.
	17:30 - 20:00	2.50	DRLSUR	02	D	P		DRILL 188'-373', (185, 74'/HR) WOB 12K, ROT 35, PSI ON/OFF 800/600. 680 GPM.
6/8/2009	20:00 - 20:30	0.50	DRLSUR	13	B	P		CHANGE ROT HEAD RUBBER.
	20:30 - 0:00	3.50	DRLSUR	02	D	P		DRILL 373'- 656' (283'81'/HR) WOB 13-14K, ROT 35, PSI ON/OFF 800/600 680 GPM
	0:00 - 10:00	10.00	DRLSUR	02	D	P		DRILL 656-1330' (674'.67'/HR) WOB 15K, ROT 35, ON/OFF PSI=700/900. GPM 680
	10:00 - 10:30	0.50	DRLSUR	13	B	P		CHANGE OUT ROT. HEAD RUBBER. (LEAKING)
	10:30 - 18:30	8.00	DRLSUR	02	D	P		DRILL 1330'- 1737' (407'.51'/HR) WOB 15-18K, ROT 35, ON/OFF PSI 750/950. GPM 680
	18:30 - 19:00	0.50	DRLSUR	06	A	P		RIG SERVICE.
	19:00 - 19:30	0.50	DRLSUR	02	D	P		DRILL 1737'-1768'
	19:30 - 20:00	0.50	DRLSUR	07	A	P		CHANGE SEAT ON #1 PUMP.
6/9/2009	20:00 - 20:30	0.50	DRLSUR	02	D	P		DRILL 1768'-1799' PUMP POD WASHING
	20:30 - 0:00	3.50	DRLSUR	07	B	P		PULL 5 JTS AND CIRC W/ #2 PUMP 280 GPM . #1 PUMP DOWN FOR WASH POD. TEAR OFF POD AND WAIT FOR POD.
	0:00 - 7:00	7.00	DRLSUR	07	B	Z		WORK ON PUMPS, CHANGE OUT WASHED POD #1 PUMP. POD HAD TO COME FROM CASPER.
	7:00 - 8:00	1.00	DRLSUR	02	D	P		DRILL SLIDE FROM 1799'-1850'. (51, 51'/HR) WOB 16K, RPM 35, ON/OFF PSI 800/1000.
6/10/2009	8:00 - 10:30	2.50	DRLSUR	07	B	Z		WORK ON YELLOWDOG. CHANGE OUT YELLOW DOG. BUILD PIT VOLUME.
	10:30 - 0:00	13.50	DRLSUR	02	D	P		DRILL SLIDE FROM 1850'- 2389' (539', 40'/HR) WOB 12-15 K, RPM 35, ON/OFF 800/1000. GPM 680.
	0:00 - 12:30	12.50	DRLSUR	02	B	P		DRILL F/2389 TO TD 2845,
	12:30 - 13:30	1.00	DRLSUR	04	C	P		CONDITION TO LDDP & RUN 9.625 CSG
	13:30 - 17:00	3.50	DRLSUR	05	A	P		LDDP & BHA ,DIR TOOLS
6/11/2009	17:00 - 21:00	4.00	CSG	11	B	P		R/U RUN 64 JTS 9.625 CSG TO 2824'
	21:00 - 0:00	3.00	CSG	15	A	P		PUMP 30 BBL FRESH
	0:00 - 1:00	1.00	CSG	12	B	P		270SX, LEAD,,200SXTAIL, DISPLACE 215 BBLs FRESH, FINAL CIRC PSI 550, BUMPPLUG FLOATS DID NOT HOLD, 120 SX TOP OUT DOWN 1"
8/3/2009	1:00 - 2:00	1.00	CSG	15	A	P		WAIT ON CEMENT
	2:00 - 7:00	5.00	RDMO	01	E	P		PUMP 2ND TOP OUT, 120SX ,CLASS G 15.8 LB
8/3/2009	3:00 - 3:30	0.50	RDMO	01	E	P		RELEASE RIG 6/11/09 07:00, RDRT
	3:30 - 4:00	0.50	RDMO	01	C	P		RIG DOWN EQUIPMENT TO SKID SKID RIG F/ NBU 922-18D3DS - T/ NBU 922-18E2S

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18E2S YELLOW Spud Conductor: 5/29/2009 Spud Date: 6/7/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 4/23/2009 End Date: 8/10/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/W/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	4:00 - 4:30	0.50	RDMO	01	B	P		RIG UP EQUIPMENT AFTER SKID
	4:30 - 5:00	0.50	PRSPD	13	A	P		NIPPLE UP B.O.P.E.
	5:00 - 11:30	6.50	PRSPD	13	C	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 - LOCK DOWN PIN ON WELLHEAD AND CHOKE LINE BLOCK LEAKING / MAKE REPAIRS AS NEEDED / FUNCTION TEST CLOSING UNIT - PASSED
	11:30 - 12:00	0.50	PRSPD	13	B	P		INSTALL WEAR BUSHING
	12:00 - 14:30	2.50	PRSPD	05	A	P		PICK UP .22/1.83 MOTOR, AND BIT #1 / MAKE UP M.W.D. TOOLS & OREINTATE / T.I.H. / INSTALL ROTATING RUBBER / TAG CEMENT @ 2803'
	14:30 - 15:00	0.50	PRSPD	02	F	P		DRILL FLOAT, CEMENT & SHOE
	15:00 - 0:00	9.00	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 2860' - T/ 3586' = 726' @ 80.66 FPH / WOB 17/19 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 101 = 455 GPM / SPP ON/OFF 1380-1090 / TQ ON/OFF 4/2K / PU/SO/ROT 116/102/112 / H2O + POLY / WEIGHTED SWEEPS / SLID 119' IN 2.92 HRS = 16.4% OF FOOTAGE 23.4% OF HRS DRILLED
8/4/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 3586' - T/ 4121' = 535' @ 89.16 FPH / WOB 17/19 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF 1500/1250 / TQ ON/OFF 5K/3K / PU/SO/ROT 130/106/119 / H2O + POLY / SLID 41' IN 1.58 HOURS = 7.6% OF FOOTAGE & 26.3% OF HRS DRILLED
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 4121' - T/ 5196' = 1075' @ 93.47 FPH / WOB 17/19 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF 1750/1550 / TQ ON/OFF 5K/4K / PU/SO/ROT 146/113/130 / LIGHT MUD UP = 28 VIS - 8.7 PPG DUE TO LACK OF ROOM IN RESERVE PIT / SLID 95' IN 2.25 HOURS = 8.8% OF FOOTAGE & 19.5% OF HRS DRILLED
	17:30 - 18:00	0.50	DRLPRO	06	A	P		RIG SERVICE
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 5196' - T/ 5914' = 718' @ 119.66 FPH / WOB 17/19 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF 1780/1580 / TQ ON/OFF 6K/5K / PU/SO/ROT 168/130/148 / 29 VIS - 8.8 PPG / SLID 19' IN .75 HOURS = 2.6% OF FOOTAGE & 12.5% OF HRS DRILLED
8/5/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 5914' - T/ 6489' = 575' @ 95.83 FPH / WOB 17/19 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF 1780/1580 / TQ ON/OFF 8K/6K / PU/SO/ROT 170/138/155 / 29 VIS - 8.8 PPG / SLID 8' IN .75 HOURS = 1.4% OF FOOTAGE & 12.5% OF HRS DRILLED

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18E2S YELLOW Spud Conductor: 5/29/2009 Spud Date: 6/7/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No: ELENBURG 12/12, H&P 298/298
 Event: DRILLING Start Date: 4/23/2009 End Date: 8/10/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/W/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 16:30	10.50	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 6489' - T/ 7152' = 663' @ 63.1 FPH / WOB 17/19 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF1865/1620 / TQ ON/OFF 11K/8K / PU/SO/ROT 182/141/161 / 31 VIS - 9.4 PPG / SLID 22' IN 1.25 HOURS = 2.6% OF FOOTAGE & 7.1% OF HRS DRILLED
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE ,WORK PIPE RAMS,BOP DRILL
	17:00 - 0:00	7.00	DRLPRO	02	D	P		DRILL (ROTATE) F/7152' - T/ 7730' = 378' @ 54 FPH / WOB 14/20 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF1865/1620 / TQ ON/OFF 9K/8K / PU/SO/ROT 195/151/170 / 33 VIS - 9.6 PPG
8/6/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE) F/7530' - T/ 7730' = 200' @ 33.3 FPH / WOB 14/22 / RPM TOP DRV 30-50 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF1925/1620 / TQ ON/OFF 9K/8K / PU/SO/ROT 195/154/174 / 33 VIS - 9.6 PPG / SLID 9' IN 50 MIN = 5% OF FOOTAGE & 14% OF HRS DRILLED
	6:00 - 14:30	8.50	DRLPRO	02	D	P		DRILL (ROTATE) F/7730' - T/ 8005' = 275' @ 32.3 FPH / WOB 14/20 / RPM TOP DRV 35-40 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF2052/1800 / TQ ON/OFF 9K/8K / PU/SO/ROT 202/150/175
	14:30 - 15:00	0.50	DRLPRO	07	A	P		RIG SERVICE ,WORK PIPE RAMS
	15:00 - 0:00	9.00	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F/ 8005' - 8315= 310' = 34.4' FPH / WOB 14/22 / RPM TOP DRV 30-50 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF2180/1920/ TQ ON/OFF 9K/8K / PU/SO/ROT 206/157/182/ 36 VIS - 10.0 PPG / SLID 10' IN .25 HOUR = 4% OF FOOTAGE & 3% OF HRS DRILLED
8/7/2009	0:00 - 3:00	3.00	DRLPRO	02	D	P		DRILL (ROTATE) F/8315' - T/ 8397' = 82' @ 27.3 FPH / WOB 14/22 / RPM TOP DRV 30-50 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF2180/1920 / TQ ON/OFF 9K/8K / PU/SO/ROT 210/1158/178/ 36 VIS - 10.0 PPG.
	3:00 - 3:30	0.50	DRLPRO	05	C	P		CIRC,MIX & PUMP SLUG
	3:30 - 7:00	3.50	DRLPRO	06	A	P		TRIP F/ BIT@ 8397'TOH TO CSG SHOE,CHECK FOR FLOW,PULL ROTATING HEAD RUBBER,TOH. FUNCT TEST PIPE & BLIND RAMS
	7:00 - 8:00	1.00	DRLPRO	06	A	P		LAY DOWN MWD TOOLS / SWAP OUT MOTOR / MAKE UP BIT #2 / RE-INSTALL MWD & DO SHALLOW SURFACE TEST - OK
	8:00 - 11:30	3.50	DRLPRO	06	A	P		T.I.H. / INSTALL ROTATING HEAD / BREAK CIRCULATION @ CSG SHOE & 5000',CIH TO 8330'
	11:30 - 12:00	0.50	DRLPRO	03	D	P		W & R F/ 8330 TO 8397,2' FILL,NO MUD LOSS ON TRIP
	12:00 - 17:30	5.50	DRLPRO	02	D	P		DRILL (ROTATE) F8397' - T/ 8764' = 367' @ 66.7 FPH / WOB 10/14/ RPM TOP DRV 40-45 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF2100/2000 / TQ ON/OFF 9K/8K / PU/SO/ROT 213/1160/182/ 38 VIS - 10.6 PPG.
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE & SLIDE) F8764' - T/ 9105' = 341' @ 56.8 FPH / WOB 14/18/ RPM TOP DRV 40-45 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF2275/2100 / TQ ON/OFF 10K/9K / PU/SO/ROT 220/1170/192/ 38 VIS - 11.0 PPG. SLID-14' 40 MIN

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18E2S YELLOW Spud Conductor: 5/29/2009 Spud Date: 6/7/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No: ELENBURG 12/12, H&P 298/298
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 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/NW/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
8/8/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILL (ROTATE) F/ 9105' - T/ 9330' = 225' @ 37.5 FPH / WOB 18/20/ RPM TOP DRV 40-45 / MTR 104 RPM / PUMP SPM 105 = 472 GPM / SPP ON/OFF2275/2100 / TQ ON/OFF 10K/9K / PU/SO/ROT 222/172/194/ 38 VIS MW 11.0	
	6:00 - 6:30	0.50	DRLPRO	10	D	Z		WEATHERFORD HAVING TROUBLE RECIEVING SURVEY INFO	
	6:30 - 14:00	7.50	DRLPRO	02	D	P		DRILL (ROTATE) F/ 9330' - T/ 9522' = 192' @ 25.6 FPH / WOB 18/20/ RPM TOP DRV 40-45 / MTR 104 RPM / PUMP SPM 100 = 450 GPM / SPP ON/OFF2300/2100 / TQ ON/OFF 12K/10K / PU/SO/ROT 228/1172/195/ 38 VIS MW 11.0, LOST 60 BBL MUD, BY PASS SHAKERS @ 9500'	
	14:00 - 14:30	0.50	DRLPRO	07	A	P		RIG SERVICE, WORK PIPE RAMS	
	14:30 - 18:30	4.00	DRLPRO	02	D	P		DRILL (ROTATE) F/9522' - T/ 9600 =78" @ 19.5 FPH / WOB 18/22/ RPM TOP DRV 40-45 / MTR 99 RPM / PUMP SPM 100 = 1450 GPM / SPP ON/OFF2200/2100 / TQ ON/OFF 10K/7K / PU/SO/ROT 228/1170/198/ 39 VIS MW 11.2, LCM 3%	
	18:30 - 19:00	0.50	DRLPRO	05	C	P		CCH, MIX & PUMP SLUG F/ BIT TRIP	
	19:00 - 23:00	4.00	DRLPRO	06	A	P		P.O.O.H. FLOW CHECK @ CSG SHOE//PULL ROTATING RUBBER, TOH, FUNCT TEST PIPE & BLING RAMS	
	23:00 - 0:00	1.00	DRLPRO	06	A	P		L/D DIRECTIONAL TOOLS, CHANGE OUT BITS, ADJ M MTR BACK TO STRAIGHT. TIH	
	8/9/2009	0:00 - 3:30	3.50	DRLPRO	06	A	P		TIH, INSTALL ROTATING RUBBER, BREAK CIRC @ 2800' 7 6120', CIH, (TIGHT SPOT 7230', CIH TO 9510'
		3:30 - 4:00	0.50	DRLPRO	03	D	P		BREAK CIRS, W & R 90' TO BTM, NO FILL
4:00 - 6:00		2.00	DRLPRO	02	D	P		DRILL 9600-9650=50@25 FPH / WOB 10/14 RPM TOP DRV 40 / MTR 72 PUMP SPM 100 =450 GPM SPP ON/OFF 2200/2100 TQ ON/OFF 9K/7K/PU/SO/ROT 222/170/194 VIS 39 / MW 11.4 LCM 5% 60 BBL MUD LOSS	
6:00 - 15:00		9.00	DRLPRO	02	D	P		DRILL 9650-9960 TD=310'@34.4 FPH / WOB 17 RPM TOP DRV 40 / MTR 72 PUMP SPM 100 =450 GPM SPP ON/OFF 2200/2100 TQ ON/OFF 9K/7K/PU/SO/ROT 230/171/196 VIS 39 / MW 11.7 8%LCM	
15:00 - 16:00		1.00	DRLPRO	05	C	P		CIRC AND COND HOLE FOR WIPER TRIP	
16:00 - 18:30		2.50	DRLPRO	06	E	P		PUMP SLUG, 30 STD WIPER TRIP TO 7000', NO PROBLEMS, NO MUD LOSS	
18:30 - 20:00		1.50	DRLPRO	05	C	P		CIRC&COND HOLE FOR E-LOGS TRIP GAS 16,755 UNITS 5' FLARE	
20:00 - 20:30		0.50	DRLPRO	10	B	P		DROP SURVEY, PUMP SLUG	
20:30 - 0:00		3.50	DRLPRO	06	B	P		TOH F/ LOGS, FLOW CHECK & CSG SHOE, PULL ROTATING RUBBER, BREAK BIT	
8/10/2009		0:00 - 1:00	1.00	DRLPRO	06	B	P		LD M MTR, MONEL DC, PULL WEAR BUSHING
	1:00 - 5:00	4.00	DRLPRO	11	G	P		SM M.I.R.U. HALLIBURTON RUN TRIPLE COMBO, BRIDGED OUT @ 3885', (NO LOGS) TRIP OUT RDMO.	
	5:00 - 6:30	1.50	DRLPRO	12	A	P		CHANGE OUT BAILS, RU LD TRUCK, & CASING EQUIP	
	6:30 - 15:30	9.00	CSG	12	C	P		HSM/ RUN 8 JTS P-110 #11.6 LT&C 4.5 CASING + 233 JTS I-80 #11.6 LT&C 4.5 CASING + RELATED TOOLS / BREAKING CIRCULATION @ SELECTED INTERVALS/ INSTALL SOLID MANDREL / HOLD CASING UP @ 9950' FOR CEMENT JOB	
	15:30 - 17:00	1.50	CSG	05	D	P		CIRCULATE & CONDITION HOLE FOR CEMENT JOB, RU BJ	

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	17:00 - 19:30	2.50	CSG	12	E	P		SAFETY MEETING TEST PUMPS & LINES TO 5K PSI / PUMP 40 BBLs H2O + 630 SX LEAD CEMENT @ 11.7ppg (PREM LITE II + .05lbs/sx STATIC FREE + .25 pps CELLOFLAKE + 5 pps KOL SEAL + 8% bwoc BENTONITE + .4% bwoc SODIUM METASILICATE + 136.4% FRESH WATER / (14.23 gal/sx, 2.50 yield) + 1260 SX TAIL @ 14.3 ppg (CLS G 50/50 POZ + 10% SALT + .05lbs/sx STATIC FREE + .2% R3 + .002 GPS FP-6L + 2% BENTONITE + 58.6% H2O / (5.90 gal/sx, 1.31 yield) / DROP PLUG & DISPLACE W/ 154 BBLs FW+ADDITIVES,LIFT PRESSURE @2465, BUMP PRESSURE3050 PSI FLOATS OK,1.5 BBLs BACK TO INVENTORYGOOD RETURNS W/ 29 BBLs LEAD CMT TO PIT.CALC TOP OF TAIL CMT 4329'
	19:30 - 20:00	0.50	CSG	12	E	P		LAND CSG,W 80K,SHOE @9951.30,LAY DOWN LANDING JT
	20:00 - 21:30	1.50	CSG	14	A	P		NIPPLE DOWN BOP,CLEAN MUD TANKS,PREP RIG FOR SKID,RIG RELEASED TO 18C4BS @ 2130 HRS 08/10/2009

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18E2S YELLOW Spud Conductor: 5/29/2009 Spud Date: 6/7/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 12/4/2009 End Date: 12/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/W/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/9/2009	-							
12/7/2009	7:00 - 21:00	14.00	COMP	33	D	P		HSM. SD LOC WHILE PSI TESTING. MIRU B&C QUICK TEST. PSI TEST CSG & BOTH FRAC VALVES. GOOD TEST. BLEED OFF PSI, SWI, SDFN.
12/9/2009	7:00 - 19:00	12.00	COMP	37	B	P		HSM.SIME OPS. STG 1)PU 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH PERF F/ 9650'-54', 3 SPF, 12 HOLES. 9714'-18', 3 SPF, 12 HOLES. 9798'-00', 4 SPF, 8 HOLES. 9842'-44', 4 SPF, 8 HOLES. POOH. WINTERIZE WELL HEAD. SWI, SDFN.
12/11/2009	7:00 - 18:00	11.00	COMP	36	B	P		STG 1) 13:53 HAD T/ FIX SOME CHECK VALVES & CHANGE OUT PUMP TRUCKS & SOME HYD FITTINGS. (1hr 15min DOWN TIME.) 15:06 OPEN WELL. STG 1)WHP 1820 PSI, BRK 5314 PSI @ 4.7 BPM. ISIP 3185 PSI, FG .76. PUMP 100 BBLs @ 49 BPM @ 5300 PSI = 100% HOLES OPEN. MP 6342 PSI, MR 49.9 BPM, AP 5257 PSI, AR 47.4 BPM, ISIP 2761 PSI, FG .72, NPI -424 PSI. PMP 1090 BBLs SW & 28,569 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 33,569 LBS. 15:41 SWI.
12/12/2009	7:00 - 17:14	10.23	COMP	36	B	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 @ 9588' P/U PERF F/ 9365'-68', 3 SPF, 9 HOLES. 9412'-16', 3 SPF, 12 HOLES. 9514'-16', 4 SPF, 8 HOLES. 9554'-58', 3 SPF, 12 HOLES. POOH. SWI, SDFN. 15:01 OPEN WELL. STG 2)WHP 2195 PSI, BRK 3250 PSI @ 4.3 BPM. ISIP 2361 PSI, FG .68. PUMP 100 BBLs @ 50 BPM @ 5100 PSI = 100% HOLES OPEN. MP 6013 PSI, MR 51 BPM, AP 4971 PSI, AR 50.1 BPM, ISIP 2828 PSI, FG .73, NPI 467 PSI. PMP 2201 BBLs SW & 81,485 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 86,485 LBS, 15:54 SWI, X-OVER T/ GREEN WELL.
								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 @ 9346' P/U PERF F/ 9126'-28', 3 SPF, 6 HOLES. 9200'-04', 3 SPF, 12 HOLES. 9264'-66', 3 SPF, 6 HOLES. 9292'-94', 4 SPF, 8 HOLES. 9314'-16, 4 SPF, 8 HOLES. POOH. 17:00 SWI.

RECEIVED December 29, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18E2S YELLOW Spud Conductor: 5/29/2009 Spud Date: 6/7/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 12/4/2009 End Date: 12/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/W/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/13/2009	7:00 - 18:00	11.00	COMP	36	B	P		<p>HSM. SIME OPS. STG 3)07:58 OPEN WELL. WHP 2143 PSI, BRK 2741 PSI @ 2.6 BPM. ISIP 2371 PSI, FG .69. AFTER GETTING ISIP, TRYED T/ GET RT COULD NOT. FOUND VALVE WAS SHUT ON CAZ UNIT. 08:44 START PUMPING AGAIN. PUMP 100 BBLS @ 45 BPM @ 4500 PSI = 100% HOLES OPEN. MP 5784 PSI, MR 53.3 BPM, AP 4628 PSI, AR 40.1 BPM, ISIP 2580 PSI, FG .71, NPI 209 PSI. PMP 1565 BBLS SW & 57,565 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 62,565 LBS,</p> <p>09:31 SWI. X-OVER T/ GREEN.</p> <p>STG 4)PU 4 1/2 HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8900' P/U PERF F/ 8653'-56', 3 SPF, 9 HOLES. 8728'-32', 3 SPF, 12 HOLES. 8782'-84', 4 SPF, 8 HOLES. 8866'-70', 3 SPF, 12 HOLES. POOH. 14:18 OPEN WELL. WHP 1671 PSI, BRK 2483 PSI @ 3.0 BPM. ISIP 2000 PSI, FG .66. PUMP 100 BBLS @ 45 BPM @ 5600 PSI = 100% HOLES OPEN. MP 5640 PSI, MR 48.9 BPM, AP 4314 PSI, AR 48.4 BPM, ISIP 2366 PSI, FG .70, NPI 366 PSI. PMP 2108 BBLS SW & 76,341 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 81,341 LBS, 15:12 SWI X-OVER T/ RED.</p> <p>STG 5)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 120 DEG PHASING. RIH SET CBP @ 8622' P/U PERF F/ 8377'-80', 3 SPF, 9 HOLES. 8478'-82', 3 SPF, 12 HOLES. 8500'-02', 3 SPF, 6 HOLES. 8588'-92', 3 SPF, 12 HOLES. POOH. 18:20 OPEN WELL. WHP 1845 PSI, BRK 2771 PSI @ 43 BPM. ISIP 0000 PSI, FG .00. PUMP 100 BBLS @ 43 BPM @ 5100 PSI = 100% HOLES OPEN. MP 6176 PSI, MR 50.6 BPM, AP 5200 PSI, AR 48.3 BPM, ISIP 2600 PSI, FG .74, NPI 480 PSI. PMP 1311 BBLS SW & 46,332 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 51,332 LBS, 18:55 SWI FN.</p>
12/14/2009	6:30 - 7:00	0.50	COMP	48		P		<p>HSM. FRACING & PERFORATING</p>

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18E2S YELLOW	Spud Conductor: 5/29/2009	Spud Date: 6/7/2009
Project: UTAH-UINTAH	Site: NBU 922-18E PAD	Rig Name No:
Event: COMPLETION	Start Date: 12/4/2009	End Date: 12/19/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)	UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/NW/0/387.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:39 - 10:53	1.23	COMP	36	B	P		STG 6) WHP 401 PSI, BRK 2,523 PSI @ 4.2 BPM, ISIP 1,474 PSI, FG .62. PUMP 100 BBLS @ 50.2 BPM @ 5,500 PSI = 80% HOLES OPEN. MP 5,742 PSI, MR 50.8 BPM, AP 4,285 PSI, AR 50.2 BPM, ISIP 2,238 PSI, FG .71, NPI 764 PSI. PUMP 1,542 BBLS OF SW & 55,753 LBS 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 60,753 LBS.
	10:53 - 17:04	6.18	COMP	36	B	P		STG 7) PU 4 1/2" HAL CBP @ 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET CBP @ 8,242' & PERF 7,844' - 48' 4SPF, 7,816' - 22' 4SPF, 40 HOLES. WHP 1,065 PSI, BRK 2,958 PSI @ 4.5 BPM, ISIP 1,440 PSI, FG .62. PUMP 100 BBLS @ 48.9 BPM @ 5,366 PSI = 77% HOLES OPEN. MP 6,028 PSI, MR 49 BPM, AP 4,914 PSI, AR 47.5 BPM, ISIP 2,753 PSI, FG .79, NPI 1,313 PSI. PUMP 1,954 BBLS OF SW & 68,584 LBS 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 73,584 LBS.
	17:04 - 18:00	0.93	COMP	34	A	P		KILL PLG) PU 4 1/2" HALL CBP RIH SET @ 7,766'. RDMO CUTTERS & SURERIOR SWI.
12/18/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, RIGGING DWN AND RIGGING UP IN THE COLD.
	7:30 - 13:00	5.50	COMP	30	A	P		RIG DWN OFF NBU 922--18F1BS MOVE OVER AND RIG UP. ND FRAC VALVE NU BOPS, RU FLOOR AND TARPS.
	13:00 - 18:30	5.50	COMP	31	I	P		TALLEY & PU 37/8 BIT, POBS,1.875 X/N, & 242 JTS 23/8 L-80 OFF FLOAT. EOT @ 7069' KILL PLUG @ 7766' SWI SDFN
12/19/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, DRILL CBPS AND WATCHING PRESSURE.

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 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,892.00/W/0/387.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	PAJ	MD From (ft)	Operation
	7:30 - 19:30	12.00	COMP	44	C	P		SICIP 0 PSI, SITP 0 PSI,RIH TAG UP @ 7747' 244 JTS IN, RU DRLG EQUIP BREAK CIRC CONVENTIONAL. C/O 19' SAND TAG 1ST PLUG @ 7766' DRL PLUG 7 MIN 100 # PSI INCREASE RIH. C/O 30" SAND TAG 2ND PLUG @ 7878' DRL PLUG 7 MIN 100 # PSI INCREASE RIH. C/O 30' SAND TAG 3RD PLUG @ 8242' DRL PLUG 14 MIN 200 # PSI INCREASE RIH. C/O 30' SAND TAG 4TH PLUG @ 8622' DRL PLUG 8 MIN 300 # PSI INCREASE RIH. C/O 30' SAND TAG 5TH PLUG @ 8900' DRL PLUG 6 MIN 200 # PSI INCREASE RIH. C/O 30' SAND TAG 6TH PLUG @ 9346' DRL PLUG 10 MIN 300 # PSI INCREASE RIH. C/O 30' SAND TAG 7TH PLUG @ 9588' DRL PLUG 10 MIN 200 # PSI INCREASE RIH. C/O TO PBSD @ 9908' CIR WELL FOR 1/2 HR, HANG BACK SWIVEL LD/ 19 JTS TBG, RACK OUT SWIVEL LAND TBG ON 293 JTS 23/8 L-80. RD FLOOR ND BOPS NU WH. DROP BALL PUMP OFF BIT W/ 40 BBLS TURN WELL OVER TO FB CREW. KB= 26' 71/6 CAMERON HANGER= .83' 293 JTS 23/8 L-80=9284.60' POBS= 2.20' EOT@ 9313.63' TWTR= 12,281 BBLS TWR= 1500 BBLS TWLTR=10,781 BBLS
12/20/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2450#, TP 1725#, 20/64" CK, 48 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 2245 BBLS LEFT TO RECOVER: 10036
12/21/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2700#, TP 1700#, 20/64" CK, 42 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 3386 BBLS LEFT TO RECOVER: 8895
12/22/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2600#, TP 1600#, 20/64" CK, 35 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 4278 BBLS LEFT TO RECOVER: 8003
12/23/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2050#, TP 1300#, 20/64" CK, 26 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4992 BBLS LEFT TO RECOVER: 7289
	12:00 -		PROD	50				WELL TURNED TO SALE @ 1200 HR ON 12/23/09 - FTP 1400#, CP 2200#, 2.1 MCFD, 26 BWPD, 20/64 CK

RECEIVED December 29, 2009

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.
UTU0359

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
UTU63047A

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

8. Lease Name and Well No.
NBU 922-18E2S

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

9. API Well No.
43-047-39837

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SWNW 1892FNL 387FWL 40.03809 N Lat, 109.48866 W Lon**
 At top prod interval reported below **SWNW 1528FNL 493FWL**
 At total depth **SWNW 1544FNL 503FWL** *Reviewed by HSM*

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 **05/29/2009** 15. Date T.D. Reached **08/09/2009** 16. Date Completed
 D & A Ready to Prod. **12/23/2009**

17. Elevations (DF, KB, RT, GL)*
4894 GL

18. Total Depth: MD **9960** TVD **9940** 19. Plug Back T.D.: MD **9909** TVD **9889** 20. Depth Bridge Plug Set: MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CHI TRIPLE COMBO-CCL/CBL 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		2839		710			
7.875	4.500 I-80	11.6		9953		1620			

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	9313							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7816	9844	7816 TO 9844	0.360	281	OPEN
B) <i>WSMVD</i>						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7816 TO 9844	PMP 11,771 BBLs SLICK H2O & 398,297 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
12/23/2009	12/31/2009	24		0.0	1817.0	360.0			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	1700 SI	2500.0		0	1817	360		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
									RECEIVED
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI								JAN 26 2010

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

ELECTRONIC SUBMISSION #80475 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

DIV. OF OIL, GAS & MINING

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

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 MESAVERDE	1801 2462 5079 7949	7770 9854			

32. Additional remarks (include plugging procedure):

ATTACHED TO THIS WELL COMPLETION REPORT IS THE FINAL 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 #80475 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 01/22/2010

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

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



ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)

NBU 922-18E PAD

NBU 922-18E2S

NBU 922-18E2S

Design: NBU 922-18E2S FINAL

Standard Survey Report

17 August, 2009



Weatherford®



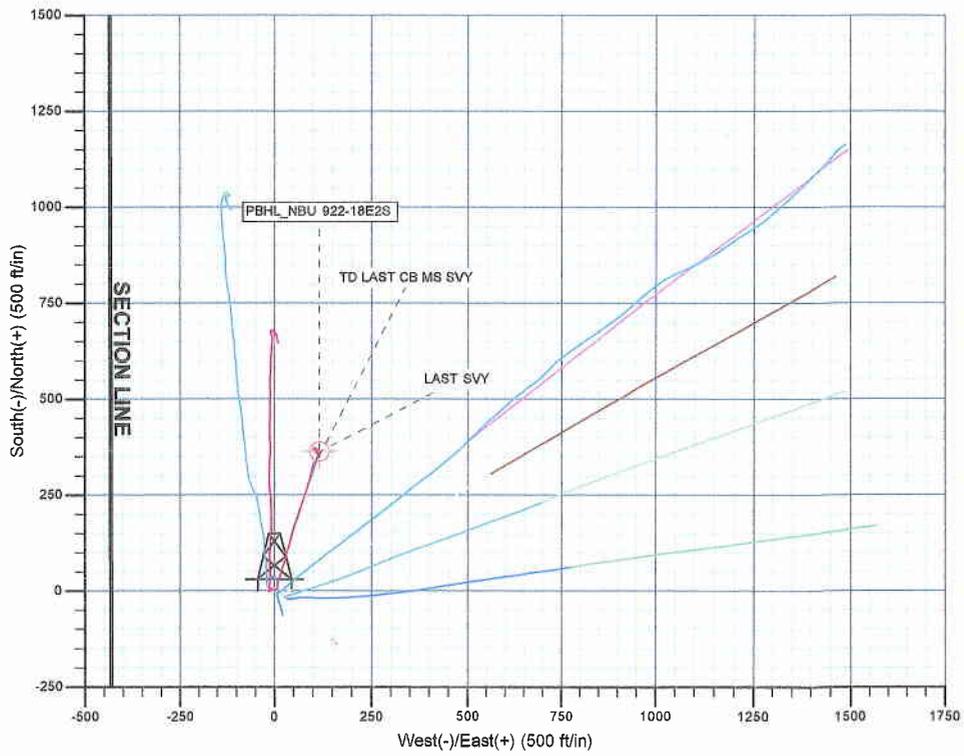
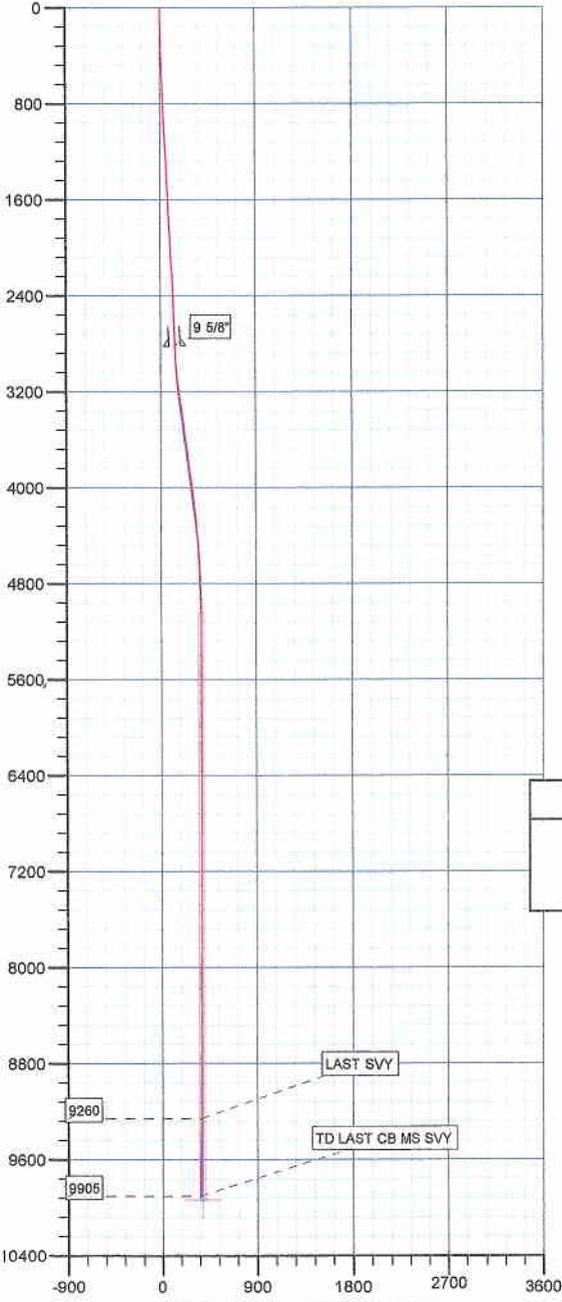
WELL DETAILS: NBU 922-18E2S						
+N/-S	+E/-W	Northing	Ground Level:	4894.00	Longitude	Slot
0.00	0.00	14543503.64	Easting	2063453.29	109° 29' 19.176 W	
			Latitude	40° 2' 17.121 N		

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
5051.00	5070.55	Top Wasatch:
7793.00	7812.55	Top Mesaverde:
8720.00	8739.55	MVU21:
9240.00	9259.55	MVL1:

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
	2790.00	2.64	9.40	2786.42	128.98	40.53	0.00	0.00	135.20	
	2945.00	2.64	9.40	2941.25	136.02	41.70	0.00	0.00	142.26	
	3248.24	8.66	18.46	3242.89	164.59	50.07	2.00	12.96	172.02	
	4204.77	8.66	18.46	4188.51	301.17	95.67	0.00	0.00	316.00	
	5070.55	0.00	0.00	5051.00	363.10	116.34	1.00	180.00	381.28	
	9959.55	0.00	0.00	9940.00	363.10	116.34	0.00	0.00	381.28	PBHL_NBU 922-18E2S

CASING DETAILS			
TVD	MD	Name	Size
2820.38	2824.00	9 5/8"	9.62

KB ELEV: WELL @ 4920.00ft (Original Well Elev)
 GRD ELEV: 4894.00



WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	9940.00	363.10	116.34	14543868.67	2063563.45	40° 2' 20.710 N	109° 29' 17.680 W	Circle (Radius: 25.00)

Company: ANADARKO PETROLEUM CORP.
Project: UINTAH COUNTY, UTAH (nad 27)
Site: NBU 922-18E PAD
Well: NBU 922-18E2S
Wellbore: NBU 922-18E2S
Design: NBU 922-18E2S

Local Co-ordinate Reference: Well NBU 922-18E2S
TVD Reference: WELL @ 4920.00ft (Original Well Elev)
MD Reference: WELL @ 4920.00ft (Original Well Elev)
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 922-18E PAD, SECTION 18 T9S R22E				
Site Position:		Northing:	14,543,514.70ft	Latitude:	40° 2' 17.233 N
From:	Lat/Long	Easting:	2,063,436.85ft	Longitude:	109° 29' 19.385 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.97 °

Well	NBU 922-18E2S					
Well Position	+N/-S	0.00 ft	Northing:	14,543,503.64 ft	Latitude:	40° 2' 17.121 N
	+E/-W	0.00 ft	Easting:	2,063,453.29 ft	Longitude:	109° 29' 19.176 W
Position Uncertainty	0.00 ft		Wellhead Elevation:	ft	Ground Level:	4,894.00 ft

Wellbore	NBU 922-18E2S				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2008	7/28/2009	11.34	65.98	52,554

Design	NBU 922-18E2S				
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	17.77	

Survey Program	Date 8/17/2009				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	9,280.00	Survey #1 (NBU 922-18E2S)	MWD	MWD - Standard	
9,925.02	9,925.02	Survey #2 (NBU 922-18E2S)	CB-GYRO-SS	Camera based gyro single shots	

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
100.00	1.26	64.70	99.99	0.47	0.99	0.75	1.26	1.26	0.00
194.00	1.76	55.99	193.96	1.72	3.13	2.59	0.58	0.53	-9.27
287.00	2.20	26.52	286.91	4.12	5.11	5.48	1.18	0.47	-31.69
381.00	1.75	3.99	380.85	7.16	6.01	8.65	0.95	-0.48	-23.97
474.00	2.44	1.11	473.79	10.56	6.15	11.93	0.75	0.74	-3.10
569.00	2.81	9.11	568.69	14.88	6.56	16.17	0.55	0.39	8.42
663.00	3.19	15.36	662.56	19.68	7.61	21.06	0.53	0.40	6.65
757.00	2.75	20.36	756.43	24.31	9.09	25.93	0.54	-0.47	5.32
848.00	2.69	21.86	847.33	28.34	10.65	30.24	0.10	-0.07	1.65
941.00	2.88	14.61	940.22	32.63	12.05	34.75	0.43	0.20	-7.80
1,032.00	3.38	19.36	1,031.09	37.37	13.51	39.71	0.62	0.55	5.22

Company: ANADARKO PETROLEUM CORP.
Project: Uintah County, Utah (nad 27)
Site: NBU 922-18E PAD
Well: NBU 922-18E2S
Wellbore: NBU 922-18E2S
Design: NBU 922-18E2S

Local Co-ordinate Reference: Well NBU 922-18E2S
TVD Reference: WELL @ 4920.00ft (Original Well Elev)
MD Reference: WELL @ 4920.00ft (Original Well Elev)
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)
1,124.00	3.69	19.36	1,122.91	42.72	15.39	45.38	0.34	0.34	0.00
1,217.00	3.19	13.36	1,215.74	48.06	16.98	50.95	0.66	-0.54	-6.45
1,309.00	3.31	14.74	1,307.60	53.12	18.25	56.16	0.16	0.13	1.50
1,403.00	3.25	16.48	1,401.44	58.30	19.70	61.53	0.12	-0.06	1.85
1,496.00	3.19	23.99	1,494.29	63.19	21.50	66.74	0.46	-0.06	8.08
1,590.00	3.06	21.86	1,588.15	67.91	23.50	71.84	0.19	-0.14	-2.27
1,682.00	3.23	14.39	1,680.02	72.70	25.05	76.88	0.48	0.18	-8.12
1,774.00	3.19	15.74	1,771.87	77.67	26.39	82.02	0.09	-0.04	1.47
1,869.00	3.56	13.24	1,866.71	83.09	27.78	87.61	0.42	0.39	-2.63
1,961.00	3.50	14.86	1,958.53	88.58	29.16	93.26	0.13	-0.07	1.76
2,054.00	3.13	9.74	2,051.38	93.83	30.32	98.61	0.51	-0.40	-5.51
2,148.00	3.50	15.61	2,145.22	99.12	31.52	104.02	0.53	0.39	6.24
2,240.00	3.88	16.99	2,237.03	104.81	33.19	109.93	0.42	0.41	1.50
2,334.00	3.56	18.24	2,330.83	110.62	35.03	116.03	0.35	-0.34	1.33
2,427.00	2.50	18.11	2,423.70	115.29	36.57	120.95	1.14	-1.14	-0.14
2,522.00	1.81	13.86	2,518.63	118.71	37.57	124.52	0.75	-0.73	-4.47
2,613.00	2.13	20.11	2,609.58	121.70	38.49	127.64	0.42	0.35	6.87
2,739.00	2.63	14.86	2,735.47	126.69	40.04	132.87	0.43	0.40	-4.17
2,790.00	2.64	9.40	2,786.42	128.98	40.53	135.20	0.49	0.02	-10.71
2,841.00	2.00	5.53	2,837.37	131.03	40.81	137.23	1.29	-1.25	-7.59
2,935.00	3.70	22.76	2,931.26	135.46	42.14	141.85	2.01	1.81	18.33
3,029.00	5.81	13.47	3,024.93	142.88	44.42	149.62	2.38	2.24	-9.88
3,124.00	6.75	13.72	3,119.36	152.98	46.87	159.99	0.99	0.99	0.26
3,218.00	9.50	19.47	3,212.41	165.66	50.76	173.25	3.05	2.93	6.12
3,312.00	9.69	20.22	3,305.09	180.40	56.08	188.91	0.24	0.20	0.80
3,406.00	8.94	17.84	3,397.85	194.78	61.06	204.12	0.90	-0.80	-2.53
3,501.00	9.06	15.97	3,491.68	208.99	65.38	218.98	0.33	0.13	-1.97
3,596.00	9.13	19.34	3,585.49	223.30	69.93	233.99	0.57	0.07	3.55
3,691.00	8.56	16.97	3,679.36	237.17	74.49	248.59	0.71	-0.60	-2.49
3,786.00	8.38	19.09	3,773.32	250.48	78.82	262.58	0.38	-0.19	2.23
3,880.00	8.88	16.59	3,866.26	263.90	83.13	276.68	0.66	0.53	-2.66
3,975.00	8.75	16.97	3,960.14	277.84	87.33	291.24	0.15	-0.14	0.40
4,069.00	8.56	17.34	4,053.07	291.36	91.50	305.38	0.21	-0.20	0.39
4,164.00	7.80	12.35	4,147.10	304.40	94.99	318.87	1.09	-0.80	-5.25
4,259.00	6.44	11.84	4,241.36	315.91	97.46	330.59	1.43	-1.43	-0.54
4,354.00	4.31	14.22	4,335.94	324.59	99.43	339.45	2.25	-2.24	2.51
4,449.00	5.88	34.59	4,430.57	332.06	103.07	347.67	2.50	1.65	21.44
4,544.00	4.81	32.22	4,525.16	339.43	107.96	356.19	1.15	-1.13	-2.49
4,639.00	3.63	28.22	4,619.90	345.45	111.50	363.00	1.28	-1.24	-4.21
4,734.00	2.88	18.72	4,714.74	350.36	113.69	368.35	0.97	-0.79	-10.00
4,829.00	2.44	16.84	4,809.64	354.56	115.04	372.75	0.47	-0.46	-1.98
4,923.00	1.88	26.47	4,903.57	357.86	116.31	376.28	0.71	-0.60	10.24
5,017.00	1.25	46.22	4,997.54	359.94	117.74	378.70	0.87	-0.67	21.01
5,112.00	0.56	26.72	5,092.53	361.08	118.70	380.07	0.79	-0.73	-20.53
5,206.00	0.69	299.47	5,186.52	361.77	118.41	380.64	0.92	0.14	-92.82
5,300.00	2.00	317.22	5,280.50	363.25	116.80	381.56	1.45	1.39	18.88
5,395.00	1.31	309.97	5,375.46	365.16	114.84	382.79	0.76	-0.73	-7.63
5,490.00	1.06	308.22	5,470.44	366.40	113.32	383.51	0.27	-0.26	-1.84
5,584.00	0.44	334.84	5,564.43	367.27	112.48	384.08	0.74	-0.66	28.32
5,679.00	1.25	312.84	5,659.42	368.30	111.57	384.78	0.90	0.85	-23.16
5,774.00	1.44	313.97	5,754.39	369.84	109.95	385.75	0.20	0.20	1.19
5,869.00	1.19	289.71	5,849.37	371.00	108.16	386.31	0.64	-0.26	-25.54
5,964.00	1.13	280.72	5,944.35	371.50	106.31	386.23	0.20	-0.06	-9.46
6,057.00	0.94	270.21	6,037.33	371.68	104.65	385.88	0.29	-0.20	-11.30

Company: ANADARKO PETROLEUM CORP.
Project: Uintah County, Utah (nad 27)
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Design: NBU 922-18E2S

Local Co-ordinate Reference: Well NBU 922-18E2S
TVD Reference: WELL @ 4920.00ft (Original Well Elev)
MD Reference: WELL @ 4920.00ft (Original Well Elev)
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)
6,152.00	0.94	246.59	6,132.32	371.37	103.16	385.14	0.41	0.00	-24.86
6,247.00	0.38	27.34	6,227.32	371.34	102.59	384.93	1.32	-0.59	148.16
6,342.00	0.31	9.72	6,322.31	371.87	102.77	385.50	0.13	-0.07	-18.55
6,437.00	0.19	306.59	6,417.31	372.22	102.69	385.80	0.30	-0.13	-66.45
6,532.00	0.38	220.22	6,512.31	372.08	102.36	385.56	0.44	0.20	-90.92
6,627.00	0.25	239.22	6,607.31	371.73	101.98	385.12	0.17	-0.14	20.00
6,721.00	0.50	210.59	6,701.31	371.27	101.59	384.56	0.32	0.27	-30.46
6,816.00	0.81	202.09	6,796.30	370.29	101.13	383.49	0.34	0.33	-8.95
6,911.00	1.38	176.97	6,891.28	368.53	100.94	381.75	0.77	0.60	-26.44
7,006.00	1.13	85.97	6,986.27	367.45	101.93	381.03	1.89	-0.26	-95.79
7,101.00	0.50	63.34	7,081.26	367.70	103.24	381.67	0.73	-0.66	-23.82
7,196.00	0.63	91.34	7,176.26	367.88	104.13	382.11	0.32	0.14	29.47
7,290.00	0.56	102.72	7,270.25	367.76	105.10	382.29	0.15	-0.07	12.11
7,385.00	0.88	139.77	7,365.24	367.10	106.02	381.95	0.58	0.34	39.00
7,480.00	0.75	121.72	7,460.23	366.22	107.02	381.41	0.30	-0.14	-19.00
7,575.00	0.75	148.22	7,555.23	365.36	107.88	380.86	0.36	0.00	27.89
7,669.00	0.63	280.22	7,649.22	364.93	107.69	380.39	1.34	-0.13	140.43
7,764.00	0.38	270.22	7,744.22	365.03	106.86	380.23	0.28	-0.26	-10.53
7,858.00	0.50	237.22	7,838.22	364.81	106.21	379.82	0.29	0.13	-35.11
7,953.00	0.44	194.22	7,933.21	364.23	105.77	379.13	0.37	-0.06	-45.26
8,048.00	0.94	206.48	8,028.21	363.18	105.33	378.00	0.55	0.53	12.91
8,142.00	0.13	300.47	8,122.20	362.54	104.90	377.26	1.02	-0.86	99.99
8,235.00	0.50	27.47	8,215.20	362.95	104.99	377.68	0.55	0.40	93.55
8,330.00	0.63	2.09	8,310.20	363.84	105.20	378.59	0.29	0.14	-26.72
8,427.00	0.25	43.97	8,407.19	364.53	105.37	379.30	0.49	-0.39	43.18
8,522.00	0.25	102.22	8,502.19	364.63	105.71	379.50	0.26	0.00	61.32
8,617.00	0.69	148.72	8,597.19	364.10	106.21	379.15	0.58	0.46	48.95
8,712.00	0.44	139.22	8,692.18	363.34	106.75	378.58	0.28	-0.26	-10.00
8,806.00	0.94	151.59	8,786.18	362.39	107.35	377.86	0.55	0.53	13.16
8,901.00	0.38	152.97	8,881.17	361.42	107.87	377.10	0.59	-0.59	1.45
8,996.00	0.50	126.72	8,976.17	360.89	108.34	376.74	0.24	0.13	-27.63
9,091.00	0.63	138.97	9,071.16	360.25	109.02	376.33	0.19	0.14	12.89
9,186.00	0.81	159.22	9,166.16	359.23	109.60	375.54	0.33	0.19	21.32
LAST SVY									
9,280.00	0.75	169.59	9,260.15	358.00	109.94	374.48	0.16	-0.06	11.03
TD LAST CB MS SVY									
9,925.02	1.30	138.38	9,905.07	348.38	115.57	367.03	0.12	0.09	-4.84

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,280.00	9,260.15	358.00	109.94	LAST SVY
9,925.02	9,905.07	348.38	115.57	TD LAST CB MS SVY

Checked By: _____ Approved By: _____ Date: _____