



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 922-18C4BS
T9S R22E
Section 18: NENW
SWNW, Lot 2, 1875' FNL, 362' FWL (surface)
NENW 745' FNL, 1878' 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 922-18C4BS 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: DRILL REENTER
b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.
UTU-0359
6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE
7. If Unit or CA Agreement, Name and No.
UNIT #891008900A

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

8. Lease Name and Well No.
NBU 922-18C4BS

3A. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

9. API Well No.
43-04734836

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface **SW/NW 1875'FNL, 362'FWL (LOT 2)**

10. Field and Pool, or Exploratory
NATURAL BUTTES

At proposed prod. Zone **NE/NW 745'FNL, 1878'FWL**

11. Sec., T., R., M., or Blk. and Survey or Area
SEC. 18, T9S, R22E

14. Distance in miles and direction from nearest town or post office*
17 +/- MILES FROM OURAY, UTAH

12. County or Parish
UINTAH

13. State
UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
362'

16. No. of Acres in lease
162.39

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
REFER TO TOPO C

19. Proposed Depth
10,257'

20. BLM/BIA Bond No. on file
RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4894'GL

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:

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized office. |
|---|--|

25. Signature
Sheila Upchego
Title
SENIOR LAND ADMIN SPECIALIST

Name (Printed/Typed)
SHEILA UPCHEGO

Date
11/16/2007

Approved by Signature
Bradley G. Hill
Title
ENVIRONMENTAL MANAGER

Name (Printed/Typed)
BRADLEY G. HILL

Date
11-20-07

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
628945X
44328704
40.638103
-109.488618

BHL
629400X
44332234
40.041204
-109.483224

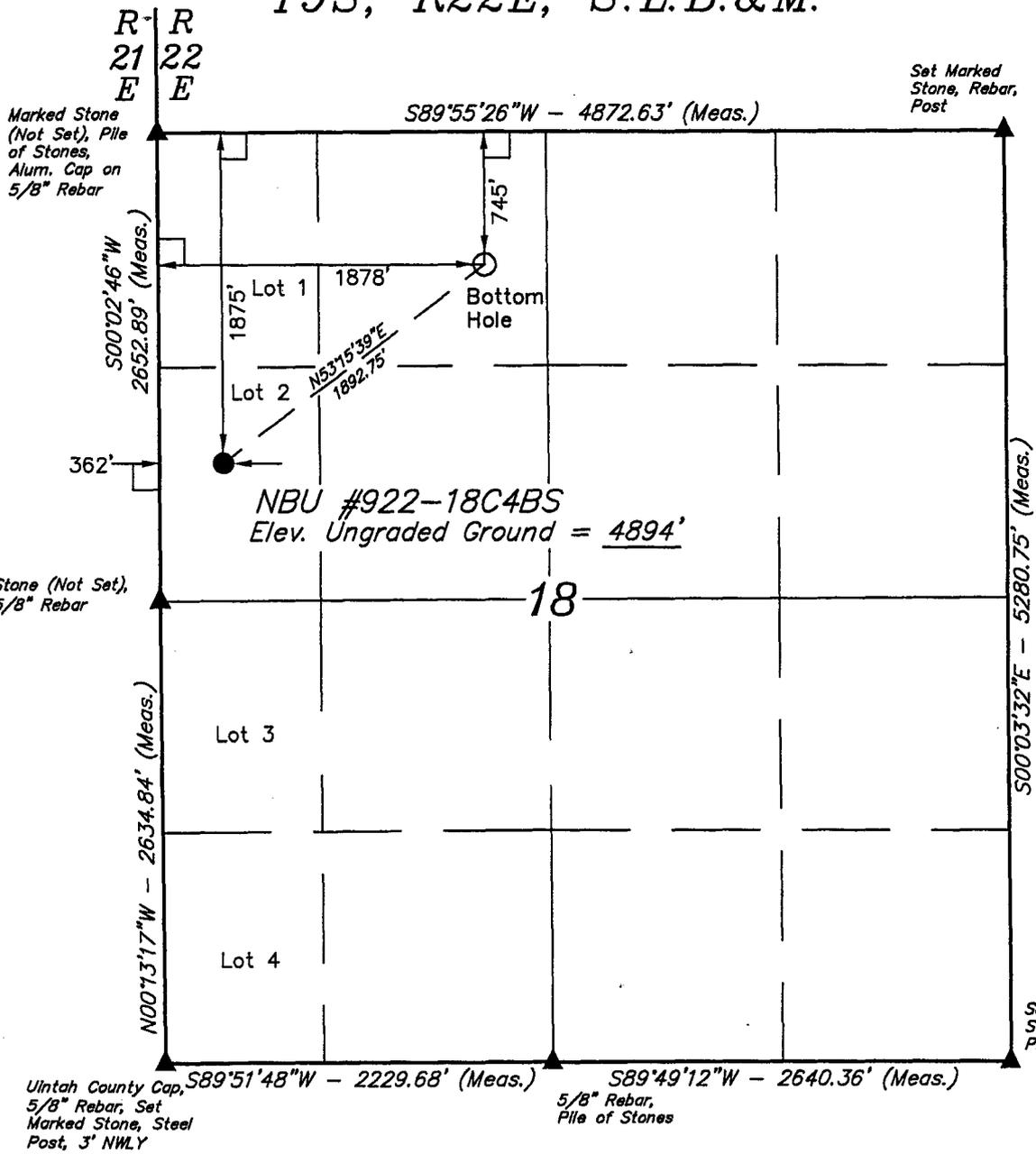
Federal Approval of this
Action is Necessary

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

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

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #922-18C4BS, located as shown in Lot 2 of Section 18, T9S, R22E, S.L.B.&M., Uintah County, Utah.

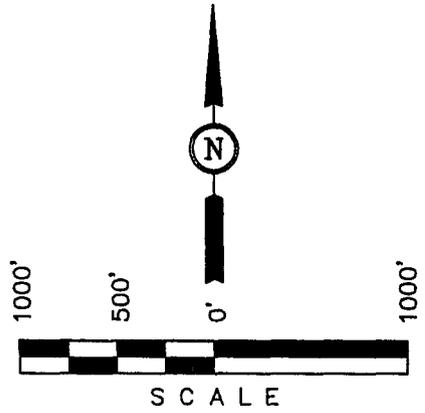


BASIS OF ELEVATION

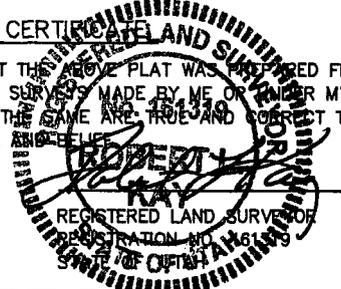
BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

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 = $40^{\circ}02'17.16''$ (40.038100)
 LONGITUDE = $109^{\circ}29'21.97''$ (109.489436)
 (NAD 27)
 LATITUDE = $40^{\circ}02'17.29''$ (40.038136)
 LONGITUDE = $109^{\circ}29'19.50''$ (109.488750)

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 922-18C4BS
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	1856'
Top of Birds Nest Water	2132'
Mahogany	2485'
Wasatch	5103'
Mesaverde	7790'
MVU2	8739'
MVL1	9260'
TVD	9890'
TD (MD)	10,257'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1856'
	Top of Birds Nest Water	2132'
	Mahogany	2485'
Gas	Wasatch	5103'
Gas	Mesaverde	7790'
Gas	MVU2	8739'
Gas	MVL1	9260'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

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

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10,257' TD, approximately equals 6359 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4102 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. **Variations:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2700	36.00	J-55	LTC	3520	2020	453000
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 10257	11.60	I-80	LTC	1.95	1.02	1.94

- 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 3984 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized 65/35 Poz + 6% Gel + 10 pps gilsonite + 25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
	PRODUCTION	LEAD	7,287'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	790	60%	11.00
	TAIL	2,970'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	830	60%	14.30	1.31

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

FLOAT EQUIPMENT & CENTRALIZERS

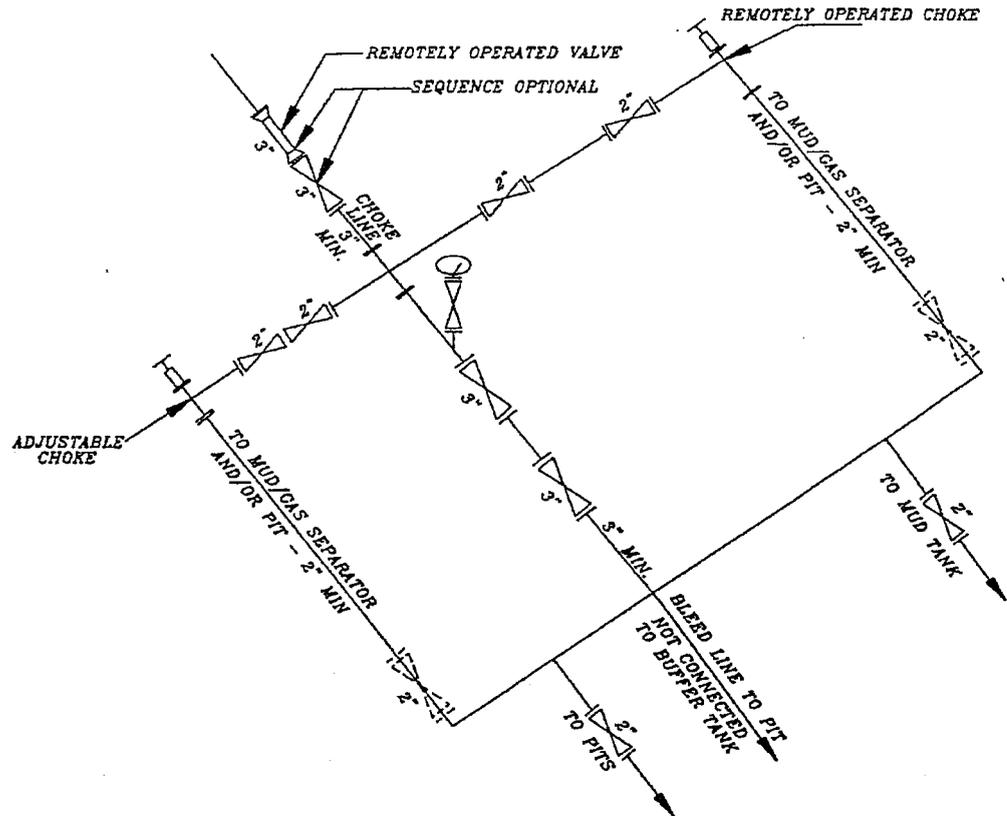
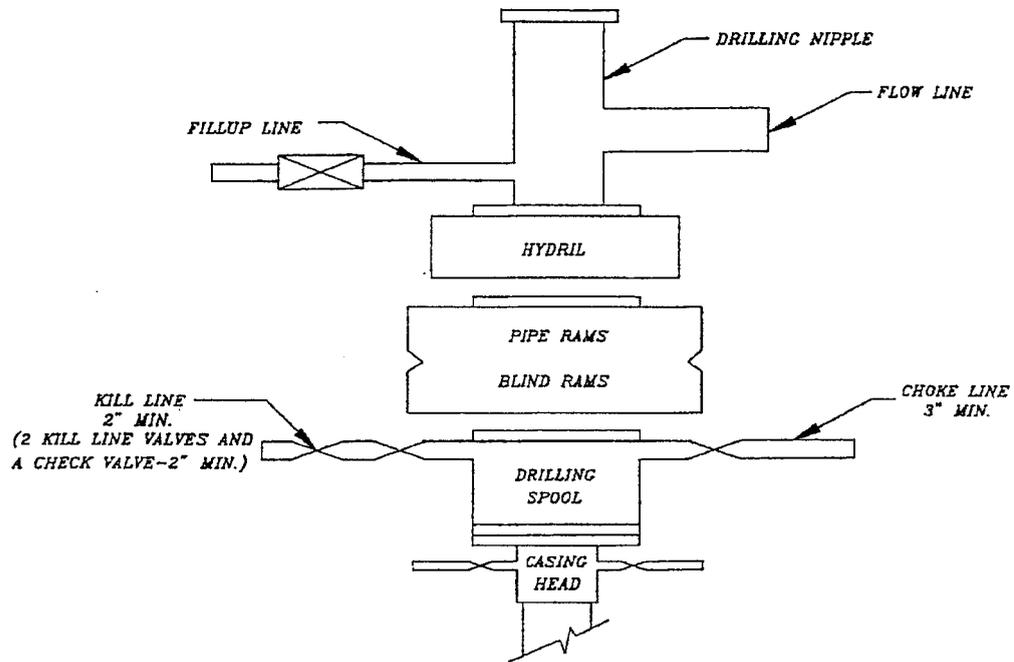
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

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

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

5M BOP STACK and CHOKE MANIFOLD SYSTEM





Weatherford[®]

Drilling Services

Proposal



ANADARKO - KERR MCGEE

NBU 922-18C4BS

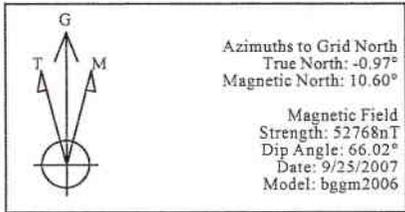
UINTAH COUNTY, UTAH

WELL FILE: PLAN 1

SEPTEMBER 24, 2007

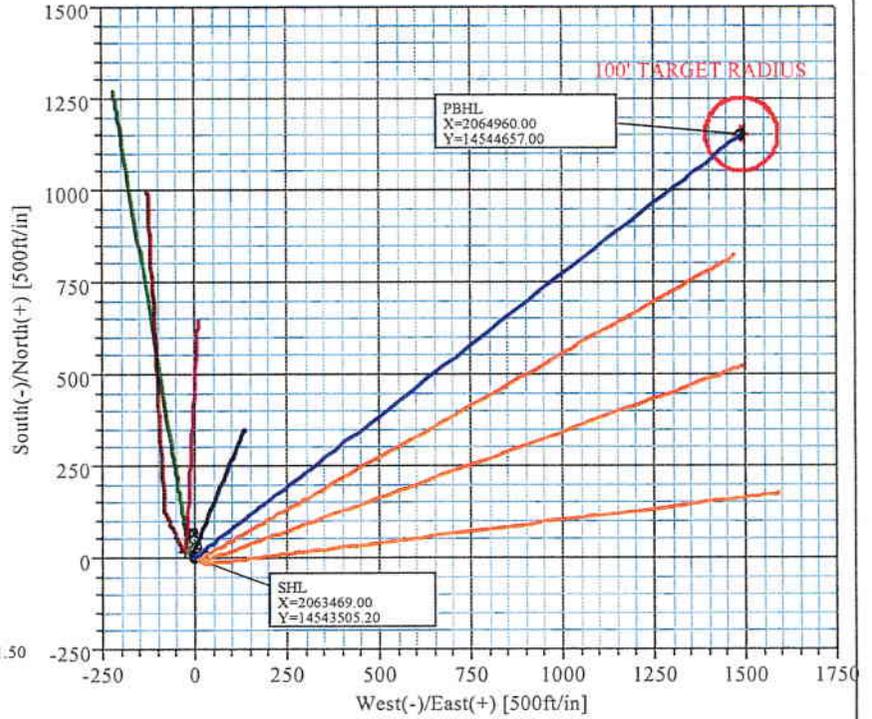
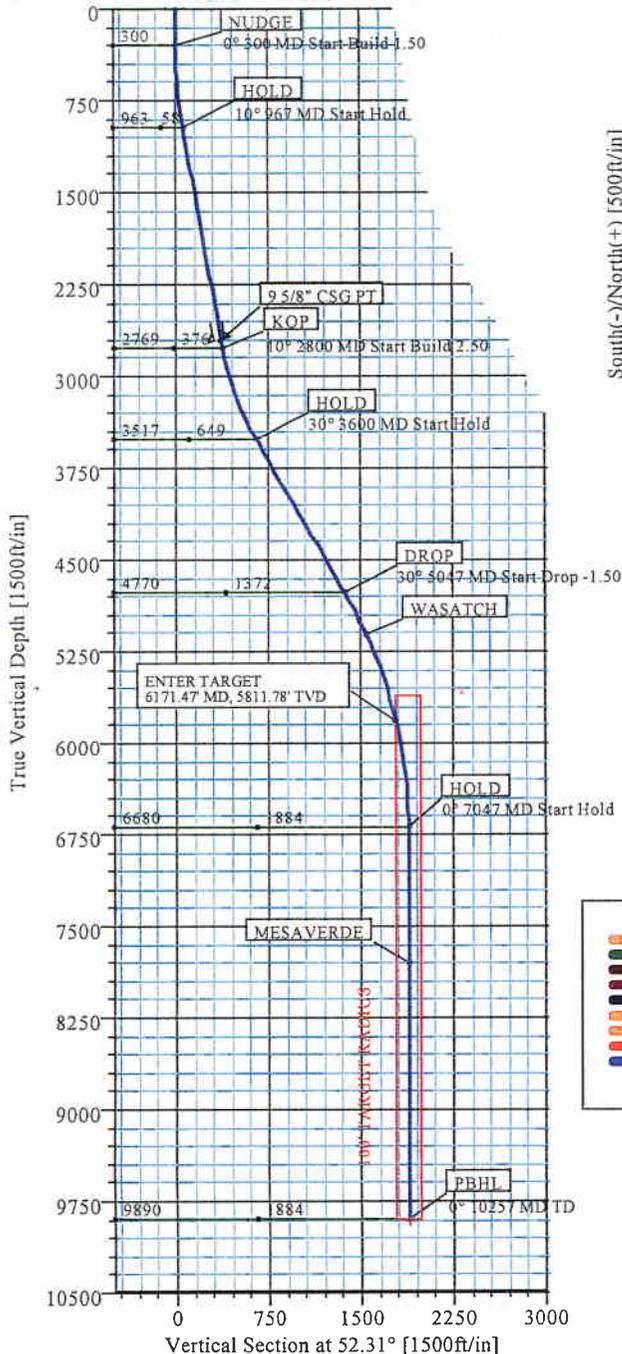
Weatherford International, Ltd.

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	52.31	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	52.31	300.00	0.00	0.00	0.00	0.00	52.31	
3	966.67	10.00	52.31	963.29	35.48	45.92	1.50	52.31	58.03	
4	2800.00	10.00	52.31	2768.77	230.10	297.86	0.00	0.00	376.39	
5	3600.00	30.00	52.31	3516.71	396.52	513.29	2.50	0.00	648.61	
6	5047.42	30.00	52.31	4770.22	838.95	1086.02	0.00	0.00	1372.33	
7	7047.42	0.00	52.31	6680.08	1151.80	1491.00	1.50	180.00	1884.07	
8	10257.35	0.00	52.31	9890.00	1151.80	1491.00	0.00	0.00	1884.07	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
922-18C4BS	0.00	0.00	14543505.20	2063469.00	40°02'17.134N	109°29'18.974W	N/A



LEGEND	
Orange line	922-18C4CS
Green line	922-18D2S
Red line	922-18D3BS
Blue line	922-18D3DS
Black line	922-18E2S
Light blue line	922-18F1BS
Light green line	922-18F1CS
Dark blue line	922-18C4BS
Blue line	Plan #1

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	5103.00	5421.71	WASATCH
2	7790.00	8157.35	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	2730.17	9 5/8" CSG PT	9.625

Plan: Plan #1 (922-18C4BS/1)
Created By: L WINCHELL Date: 9/25/2007

Company: Anadarko-Kerr-McGee Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27) Site: NBU 922-18C4BS PAD CDEF Well: 922-18C4BS Wellpath: 1	Date: 9/25/2007 Co-ordinate(NE) Reference: Site: NBU 922-18C4BS PAD CDEF Vertical (TVD) Reference: SITE 4908.0 Section (VS) Reference: Well (0.00N,0.00E,52.31Azi) 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 922-18C4BS PAD CDEF	
1875' FNL 362' FWL SEC 18-T9S-R22E	
Site Position:	Northing: 14543505.20 ft
From: Map	Easting: 2063469.00 ft
Position Uncertainty: 0.00 ft	Latitude: 40 2 17.134 N
Ground Level: 4893.00 ft	Longitude: 109 29 18.974 W
	North Reference: Grid
	Grid Convergence: 0.97 deg

Well: 922-18C4BS	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 40 2 17.134 N
+E/-W 0.00 ft	Longitude: 109 29 18.974 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
	+E/-W
	Direction
	deg
0.00	0.00
0.00	0.00
0.00	52.31

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	52.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	52.31	300.00	0.00	0.00	0.00	0.00	0.00	52.31	
966.67	10.00	52.31	963.29	35.48	45.92	1.50	1.50	0.00	52.31	
2800.00	10.00	52.31	2768.77	230.10	297.86	0.00	0.00	0.00	0.00	
3600.00	30.00	52.31	3516.71	396.52	513.29	2.50	2.50	0.00	0.00	
5047.42	30.00	52.31	4770.22	838.95	1086.02	0.00	0.00	0.00	0.00	
7047.42	0.00	52.31	6680.08	1151.80	1491.00	1.50	-1.50	0.00	180.00	
10257.35	0.00	52.31	9890.00	1151.80	1491.00	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
0.00	0.00	52.31	0.00	0.00	0.00	0.00	0.00	14543505.20	2063469.00	
100.00	0.00	52.31	100.00	0.00	0.00	0.00	0.00	14543505.20	2063469.00	
200.00	0.00	52.31	200.00	0.00	0.00	0.00	0.00	14543505.20	2063469.00	
300.00	0.00	52.31	300.00	0.00	0.00	0.00	0.00	14543505.20	2063469.00	NUDGE
400.00	1.50	52.31	399.99	0.80	1.04	1.31	1.50	14543506.00	2063470.04	
500.00	3.00	52.31	499.91	3.20	4.14	5.23	1.50	14543508.40	2063473.14	
600.00	4.50	52.31	599.69	7.20	9.32	11.77	1.50	14543512.40	2063478.32	
700.00	6.00	52.31	699.27	12.79	16.56	20.92	1.50	14543517.99	2063485.56	
800.00	7.50	52.31	798.57	19.98	25.86	32.68	1.50	14543525.18	2063494.86	
900.00	9.00	52.31	897.54	28.75	37.22	47.03	1.50	14543533.95	2063506.22	
966.67	10.00	52.31	963.29	35.48	45.92	58.03	1.50	14543540.68	2063514.92	HOLD
1000.00	10.00	52.31	996.11	39.01	50.50	63.82	0.00	14543544.21	2063519.50	
1100.00	10.00	52.31	1094.59	49.63	64.25	81.18	0.00	14543554.83	2063533.25	
1200.00	10.00	52.31	1193.08	60.25	77.99	98.55	0.00	14543565.45	2063546.99	

Company: Anadarko-Kerr-McGee	Date: 9/25/2007	Time: 16:25:45	Page: 2
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference: Site: NBU 922-18C4BS PAD CDEF		
Site: NBU 922-18C4BS PAD CDEF	Vertical (TVD) Reference: SITE 4908.0		
Well: 922-18C4BS	Section (VS) Reference: Well (0.00N,0.00E,52.31Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
1300.00	10.00	52.31	1291.56	70.86	91.73	115.91	0.00	14543576.06	2063560.73	
1400.00	10.00	52.31	1390.04	81.48	105.47	133.28	0.00	14543586.68	2063574.47	
1500.00	10.00	52.31	1488.52	92.09	119.21	150.64	0.00	14543597.29	2063588.21	
1600.00	10.00	52.31	1587.00	102.71	132.96	168.01	0.00	14543607.91	2063601.96	
1700.00	10.00	52.31	1685.48	113.32	146.70	185.37	0.00	14543618.52	2063615.70	
1800.00	10.00	52.31	1783.96	123.94	160.44	202.74	0.00	14543629.14	2063629.44	
1900.00	10.00	52.31	1882.44	134.56	174.18	220.10	0.00	14543639.76	2063643.18	
2000.00	10.00	52.31	1980.92	145.17	187.92	237.47	0.00	14543650.37	2063656.92	
2100.00	10.00	52.31	2079.40	155.79	201.67	254.83	0.00	14543660.99	2063670.67	
2200.00	10.00	52.31	2177.88	166.40	215.41	272.20	0.00	14543671.60	2063684.41	
2300.00	10.00	52.31	2276.36	177.02	229.15	289.56	0.00	14543682.22	2063698.15	
2400.00	10.00	52.31	2374.84	187.63	242.89	306.93	0.00	14543692.83	2063711.89	
2500.00	10.00	52.31	2473.33	198.25	256.63	324.29	0.00	14543703.45	2063725.63	
2600.00	10.00	52.31	2571.81	208.87	270.38	341.66	0.00	14543714.07	2063739.38	
2700.00	10.00	52.31	2670.29	219.48	284.12	359.02	0.00	14543724.68	2063753.12	
2730.17	10.00	52.31	2700.00	222.68	288.26	364.26	0.00	14543727.88	2063757.26	9 5/8" CSG PT
2800.00	10.00	52.31	2768.77	230.10	297.86	376.39	0.00	14543735.30	2063766.86	KOP
2900.00	12.50	52.31	2866.84	242.02	313.30	395.89	2.50	14543747.22	2063782.30	
3000.00	15.00	52.31	2963.97	256.55	332.11	419.66	2.50	14543761.75	2063801.11	
3100.00	17.50	52.31	3059.96	273.66	354.25	447.64	2.50	14543778.86	2063823.25	
3200.00	20.00	52.31	3154.65	293.31	379.69	479.78	2.50	14543798.51	2063848.69	
3300.00	22.50	52.31	3247.84	315.46	408.37	516.02	2.50	14543820.66	2063877.37	
3400.00	25.00	52.31	3339.37	340.08	440.24	556.29	2.50	14543845.28	2063909.24	
3500.00	27.50	52.31	3429.05	367.12	475.23	600.52	2.50	14543872.32	2063944.23	
3600.00	30.00	52.31	3516.71	396.52	513.29	648.61	2.50	14543901.72	2063982.29	HOLD
3700.00	30.00	52.31	3603.31	427.09	552.86	698.61	0.00	14543932.29	2064021.86	
3800.00	30.00	52.31	3689.92	457.65	592.43	748.61	0.00	14543962.85	2064061.43	
3900.00	30.00	52.31	3776.52	488.22	632.00	798.61	0.00	14543993.42	2064101.00	
4000.00	30.00	52.31	3863.12	518.79	671.57	848.61	0.00	14544023.99	2064140.57	
4100.00	30.00	52.31	3949.72	549.35	711.14	898.61	0.00	14544054.55	2064180.14	
4200.00	30.00	52.31	4036.33	579.92	750.71	948.61	0.00	14544085.12	2064219.71	
4300.00	30.00	52.31	4122.93	610.49	790.27	998.61	0.00	14544115.69	2064259.27	
4400.00	30.00	52.31	4209.53	641.06	829.84	1048.61	0.00	14544146.26	2064298.84	
4500.00	30.00	52.31	4296.13	671.62	869.41	1098.61	0.00	14544176.82	2064338.41	
4600.00	30.00	52.31	4382.74	702.19	908.98	1148.61	0.00	14544207.39	2064377.98	
4700.00	30.00	52.31	4469.34	732.76	948.55	1198.61	0.00	14544237.96	2064417.55	
4800.00	30.00	52.31	4555.94	763.32	988.12	1248.61	0.00	14544268.52	2064457.12	
4900.00	30.00	52.31	4642.54	793.89	1027.69	1298.61	0.00	14544299.09	2064496.69	
5000.00	30.00	52.31	4729.15	824.46	1067.25	1348.61	0.00	14544329.66	2064536.25	
5047.42	30.00	52.31	4770.22	838.95	1086.02	1372.33	0.00	14544344.15	2064555.02	DROP
5100.00	29.21	52.31	4815.93	854.83	1106.57	1398.30	1.50	14544360.03	2064575.57	
5200.00	27.71	52.31	4903.84	883.96	1144.29	1445.96	1.50	14544389.16	2064613.29	
5300.00	26.21	52.31	4992.97	911.68	1180.17	1491.29	1.50	14544416.88	2064649.17	
5400.00	24.71	52.31	5083.25	937.96	1214.19	1534.28	1.50	14544443.16	2064683.19	
5421.71	24.39	52.31	5103.00	943.47	1221.32	1543.30	1.50	14544448.67	2064690.32	WASATCH
5500.00	23.21	52.31	5174.63	962.79	1246.33	1574.89	1.50	14544467.99	2064715.33	
5600.00	21.71	52.31	5267.04	986.14	1276.56	1613.10	1.50	14544491.34	2064745.56	
5700.00	20.21	52.31	5360.42	1008.01	1304.87	1648.87	1.50	14544513.21	2064773.87	
5800.00	18.71	52.31	5454.71	1028.38	1331.23	1682.19	1.50	14544533.58	2064800.23	
5900.00	17.21	52.31	5549.83	1047.23	1355.64	1713.02	1.50	14544552.43	2064824.64	
6000.00	15.71	52.31	5645.73	1064.56	1378.06	1741.36	1.50	14544569.76	2064847.06	
6100.00	14.21	52.31	5742.34	1080.34	1398.49	1767.18	1.50	14544585.54	2064867.49	



Weatherford Drilling Services

Directional Plan Report



Weatherford

Company: Anadarko-Kerr-McGee	Date: 9/25/2007	Time: 16:25:45	Page: 3
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18C4BS PAD CDEF	
Site: NBU 922-18C4BS PAD CDEF	Vertical (TVD) Reference:	SITE: 4908.0	
Well: 922-18C4BS	Section (VS) Reference:	Well (0.00N,0.00E,52.31Azi)	
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
6171.47	13.14	52.31	5811.78	1090.67	1411.86	1784.07	1.50	14544595.87	2064880.86	ENTER TARGET
6200.00	12.71	52.31	5839.59	1094.57	1416.91	1790.45	1.50	14544599.77	2064885.91	
6300.00	11.21	52.31	5937.41	1107.24	1433.31	1811.18	1.50	14544612.44	2064902.31	
6400.00	9.71	52.31	6035.75	1118.34	1447.68	1829.33	1.50	14544623.54	2064916.68	
6500.00	8.21	52.31	6134.52	1127.86	1460.01	1844.91	1.50	14544633.06	2064929.01	
6600.00	6.71	52.31	6233.68	1135.80	1470.29	1857.90	1.50	14544641.00	2064939.29	
6700.00	5.21	52.31	6333.13	1142.15	1478.50	1868.28	1.50	14544647.35	2064947.50	
6800.00	3.71	52.31	6432.83	1146.90	1484.66	1876.06	1.50	14544652.10	2064953.66	
6900.00	2.21	52.31	6532.69	1150.06	1488.75	1881.23	1.50	14544655.26	2064957.75	
7000.00	0.71	52.31	6632.65	1151.62	1490.77	1883.78	1.50	14544656.82	2064959.77	
7047.42	0.00	52.31	6680.08	1151.80	1491.00	1884.07	1.50	14544657.00	2064960.00	HOLD
7100.00	0.00	52.31	6732.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7200.00	0.00	52.31	6832.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7300.00	0.00	52.31	6932.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7400.00	0.00	52.31	7032.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7500.00	0.00	52.31	7132.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7600.00	0.00	52.31	7232.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7700.00	0.00	52.31	7332.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7800.00	0.00	52.31	7432.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
7900.00	0.00	52.31	7532.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8000.00	0.00	52.31	7632.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8100.00	0.00	52.31	7732.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8157.35	0.00	52.31	7790.00	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	MESAVERDE
8200.00	0.00	52.31	7832.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8300.00	0.00	52.31	7932.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8400.00	0.00	52.31	8032.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8500.00	0.00	52.31	8132.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8600.00	0.00	52.31	8232.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8700.00	0.00	52.31	8332.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8800.00	0.00	52.31	8432.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
8900.00	0.00	52.31	8532.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9000.00	0.00	52.31	8632.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9100.00	0.00	52.31	8732.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9200.00	0.00	52.31	8832.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9300.00	0.00	52.31	8932.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9400.00	0.00	52.31	9032.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9500.00	0.00	52.31	9132.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9600.00	0.00	52.31	9232.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9700.00	0.00	52.31	9332.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9800.00	0.00	52.31	9432.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
9900.00	0.00	52.31	9532.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
10000.00	0.00	52.31	9632.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
10100.00	0.00	52.31	9732.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
10200.00	0.00	52.31	9832.65	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	
10257.35	0.00	52.31	9890.00	1151.80	1491.00	1884.07	0.00	14544657.00	2064960.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map	Map	<--- Latitude --->			<--- Longitude --->				
						Northing ft	Easting ft	Deg	Min	Sec	Deg	Min	Sec		
PBHL			9890.00	1151.80	1491.00	14544657.00	2064960.00	40	2	28.266	N	109	28	59.551	W
-Circle (Radius: 100)															
-Plan hit target															



Weatherford Drilling Services

Directional Plan Report



Company: Anadarko-Kerr-McGee	Date: 9/25/2007	Time: 16:25:45	Page: 4
Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)	Co-ordinate(NE) Reference:	Site: NBU 922-18C4BS PAD CDEF	
Site: NBU 922-18C4BS PAD CDEF	Vertical (TVD) Reference:	SITE 4908.0	
Well: 922-18C4BS	Section (VS) Reference:	Well (0.00N,0.00E,52.31Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2730.17	2700.00	9.625	9.625	9 5/8" CSG PT

Annotation

MD ft	TVD ft	Description
300.00	300.00	NUDGE
966.67	963.29	HOLD
2800.00	2768.77	KOP
3600.00	3516.71	HOLD
5047.42	4770.21	DROP
6171.47	5811.78	ENTER TARGET
7047.42	6680.07	HOLD
10257.35	9890.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
5421.71	5103.00	WASATCH		0.00	0.00
8157.35	7790.00	MESAVERDE		0.00	0.00

NBU 922-18C4BS
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 Upcheho
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 Upcheho

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.

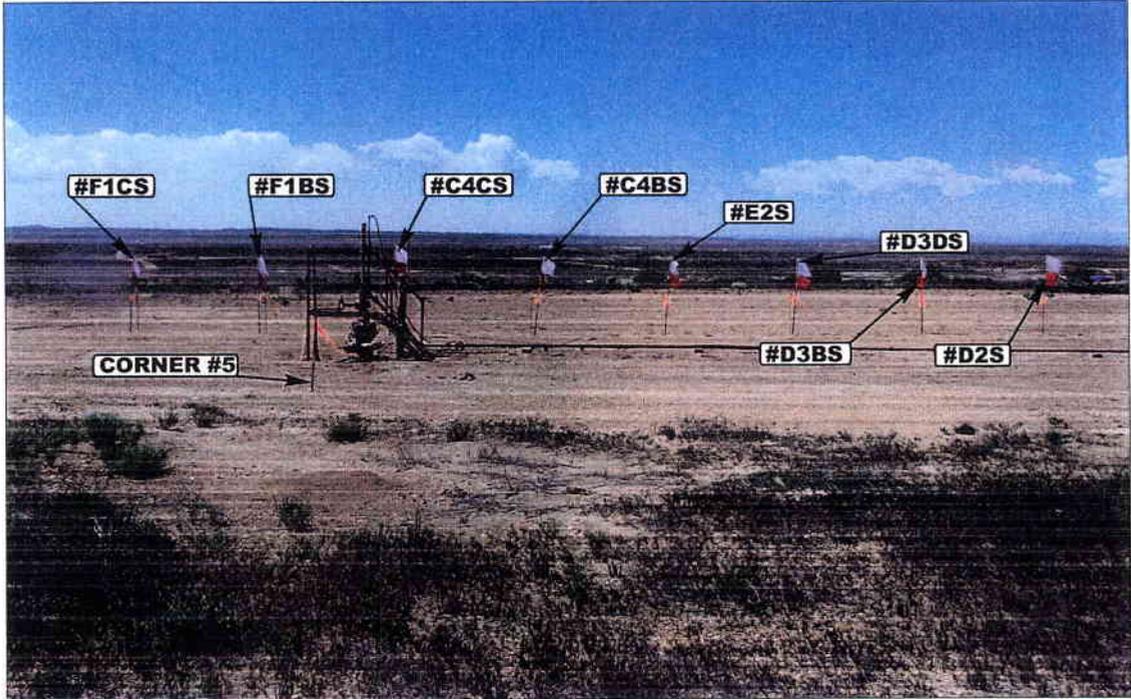


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

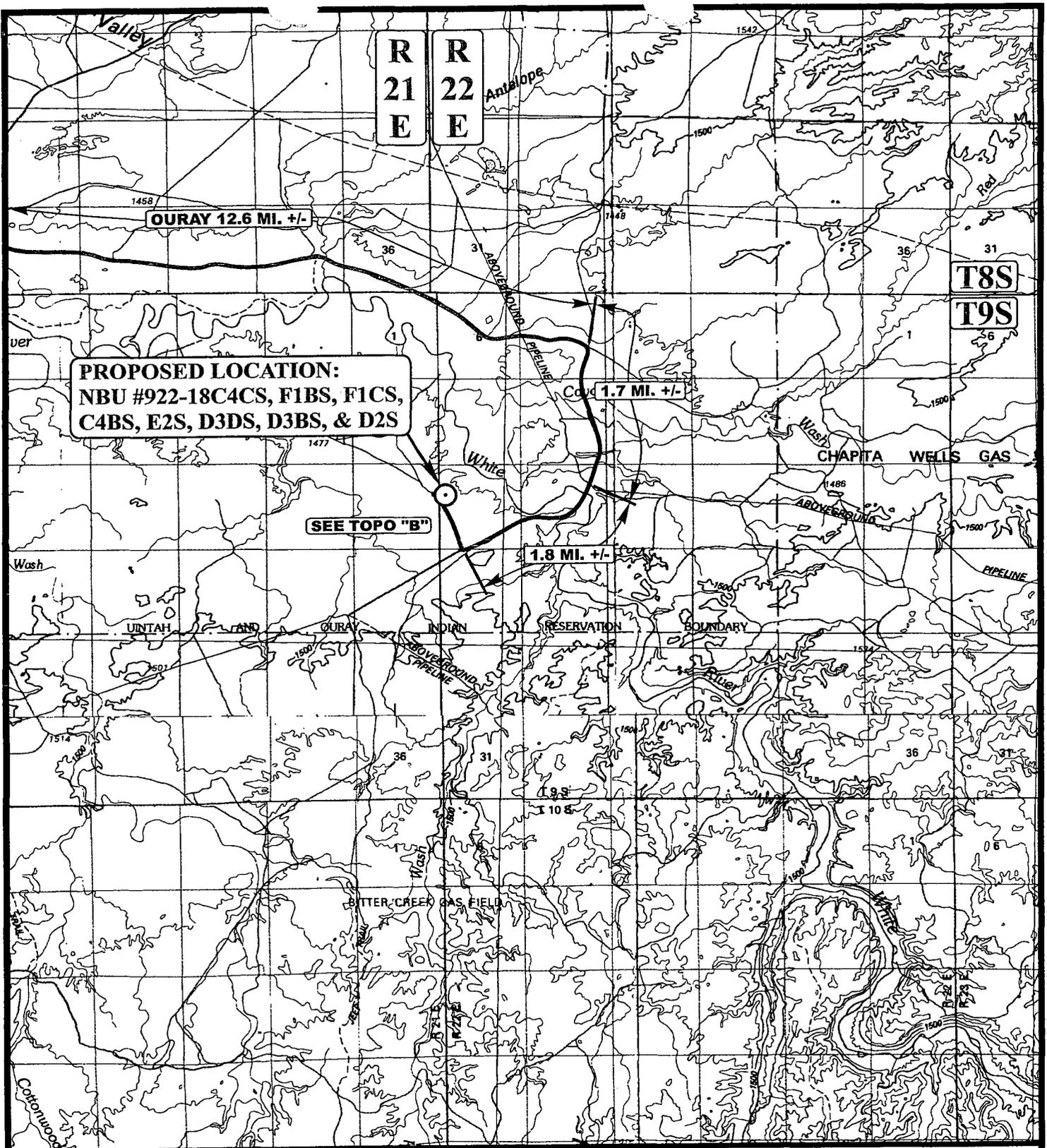
CAMERA ANGLE: EASTERLY



- Since 1964 -

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

LOCATION PHOTOS			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

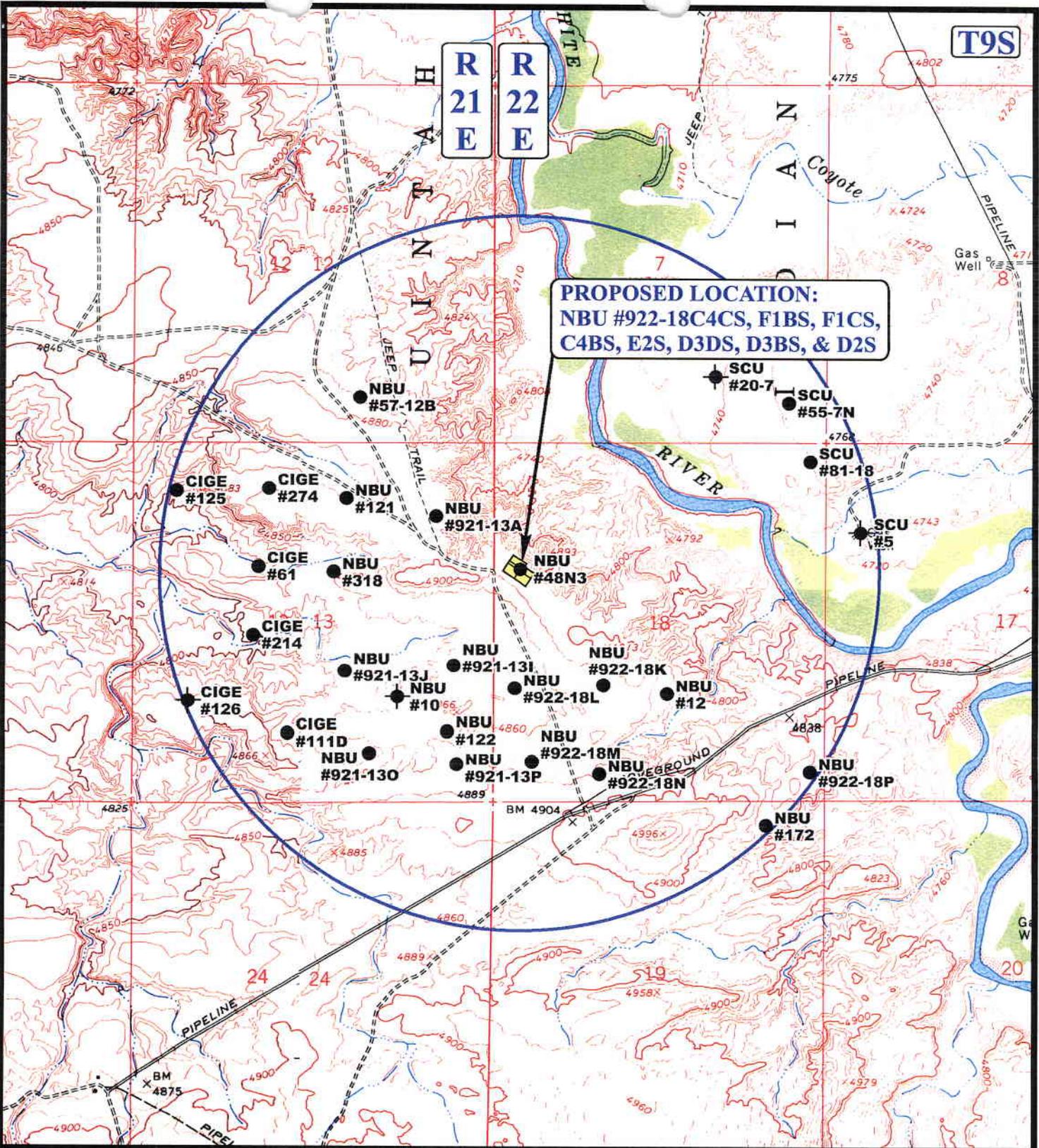


TOPOGRAPHIC
MAP

05	16	07
MONTH	DAY	YEAR

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





**PROPOSED LOCATION:
NBU #922-18C4CS, F1BS, F1CS,
C4BS, E2S, D3DS, D3BS, & D2S**

LEGEND:

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

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
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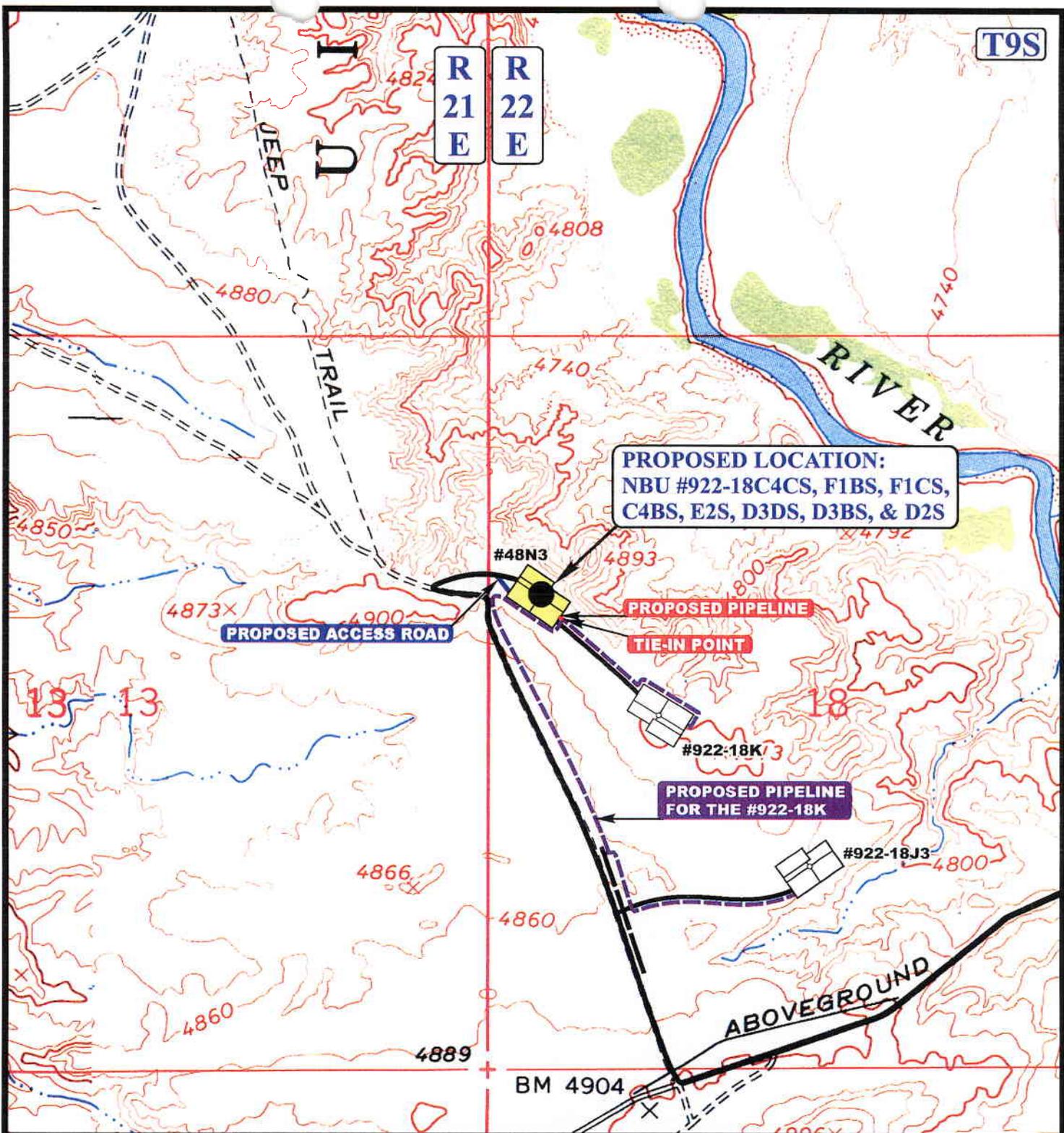
**TOPOGRAPHIC
MAP**

05 16 07
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.P. REVISED: 00-00-00





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

PROPOSED ACCESS ROAD

**PROPOSED PIPELINE
 TIE-IN POINT**

**PROPOSED PIPELINE
 FOR THE #922-18K**

ABOVEGROUND

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

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

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

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.

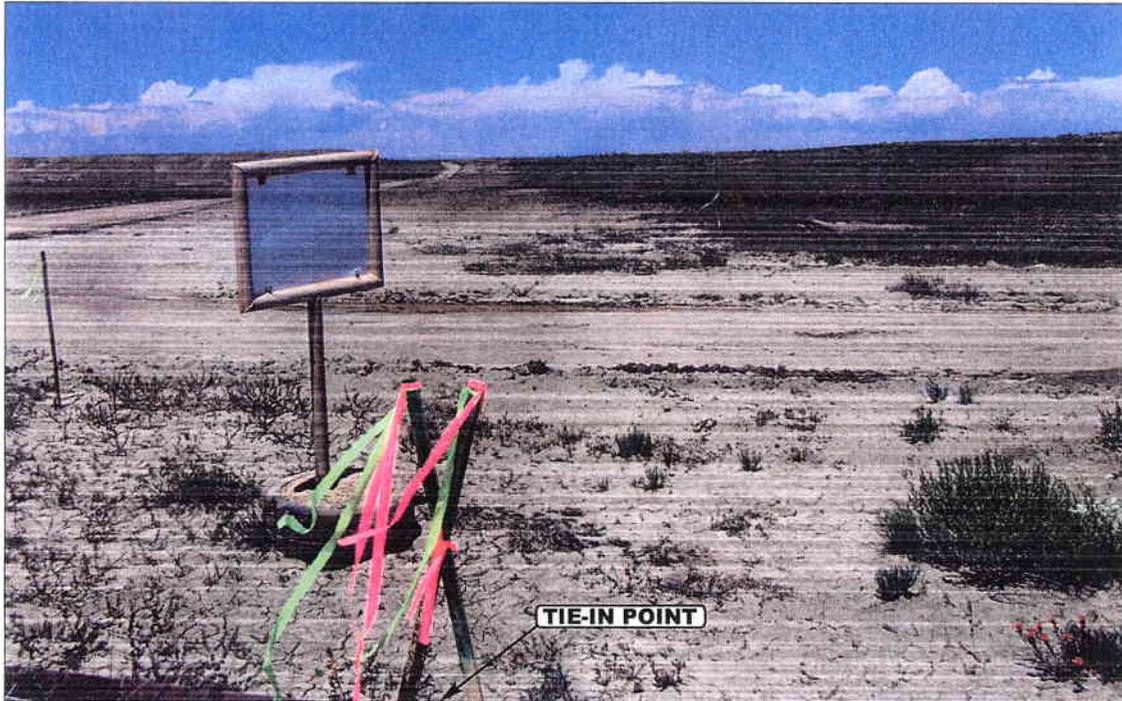


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

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

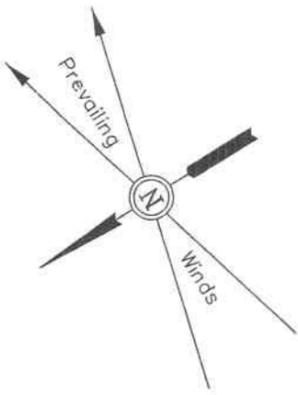
Kerr-McGee Oil & Gas Onshore LP

SITE PLAN LAYOUT FOR

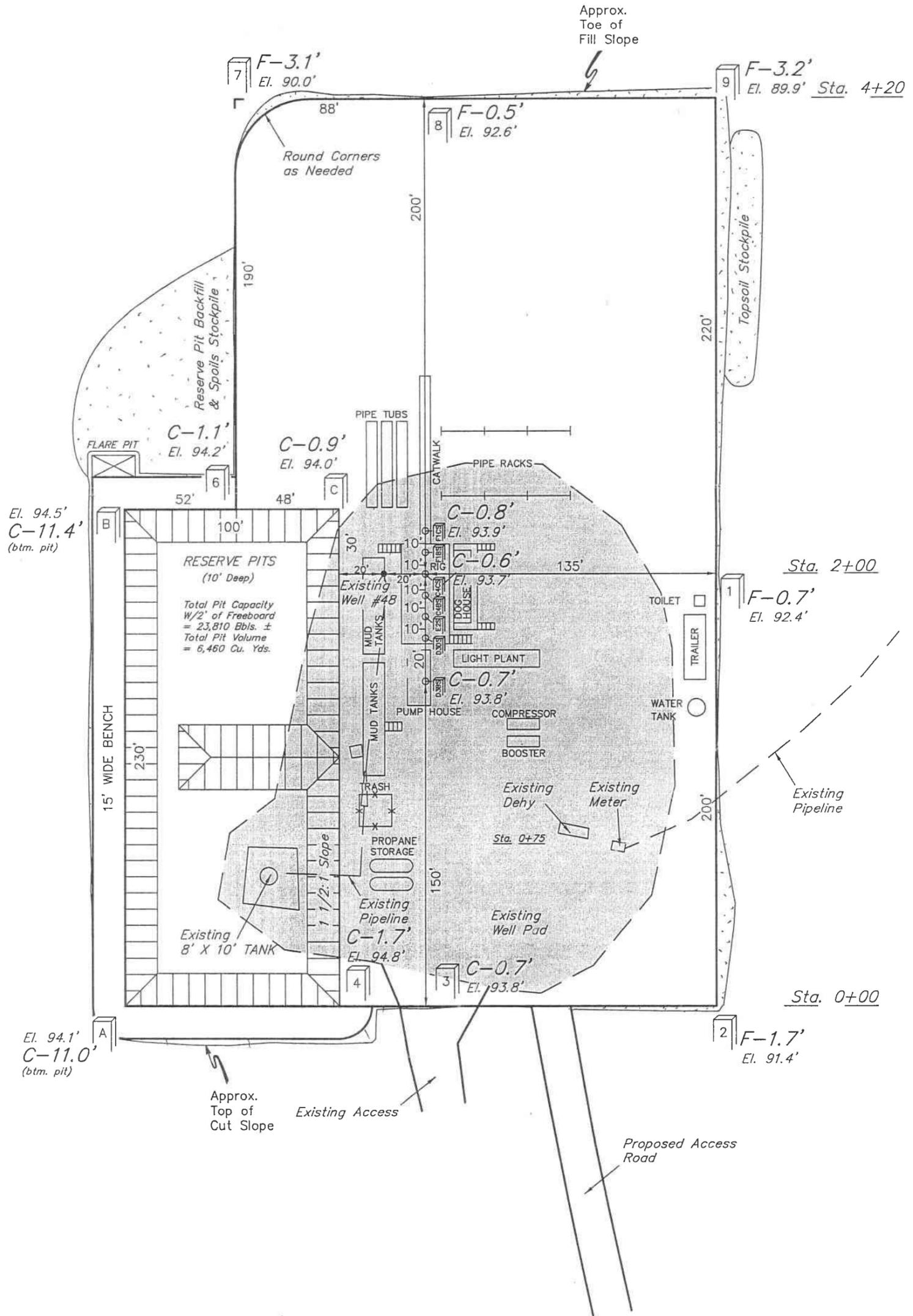
NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, & D3BS

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

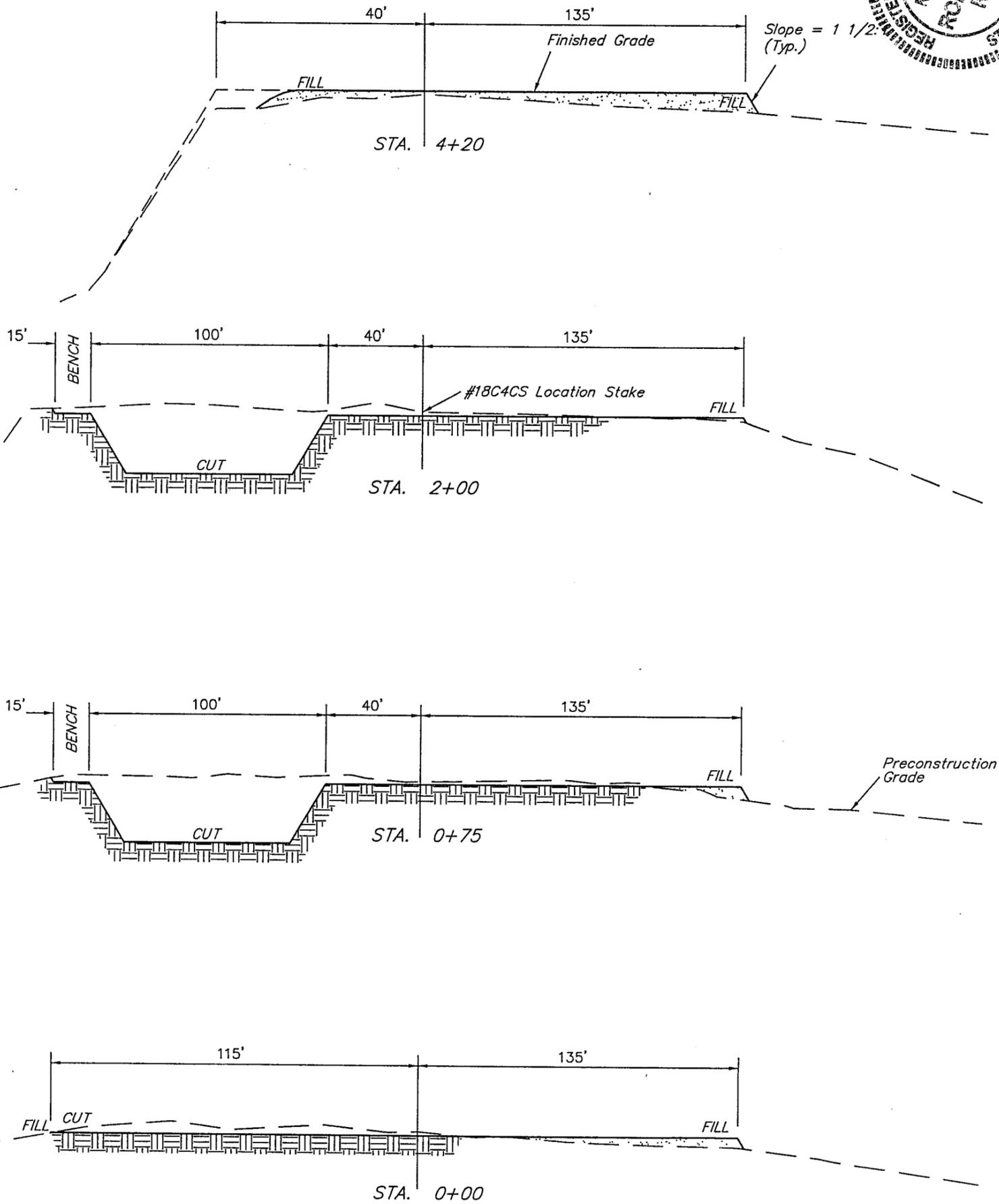
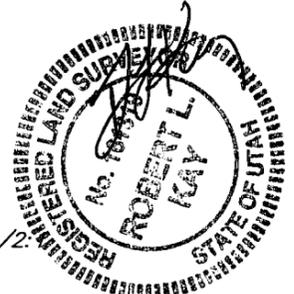
TYPICAL CROSS SECTIONS FOR

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

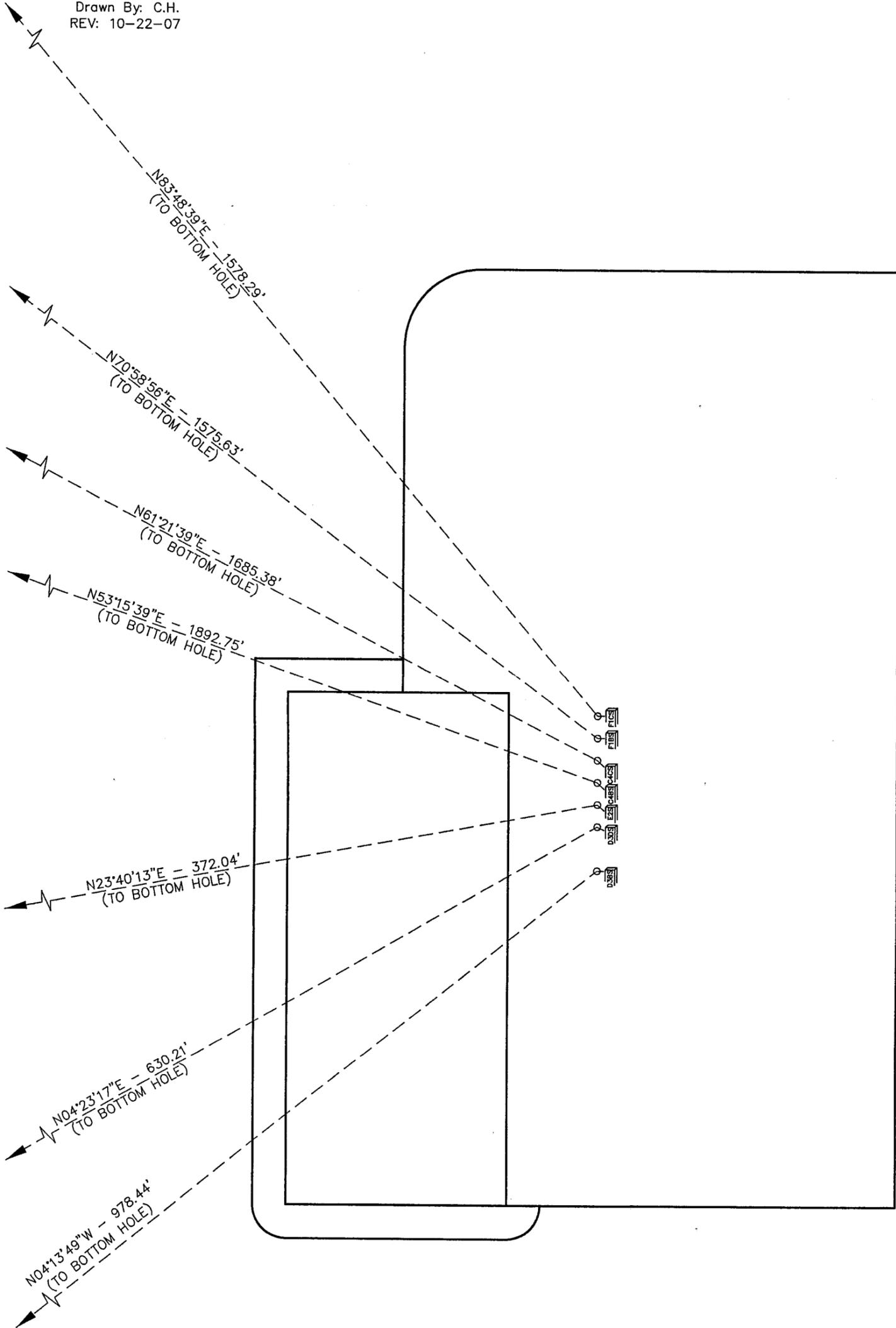
NBU #922-18C4CS, F1BS, F1CS, C4BS, E2S, D3DS, & D3BS

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

LOT2



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: 43-047-39836

WELL NAME: NBU 922-18C4BS

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SWNW 18 090S 220E

SURFACE: 1875 FNL 0362 FWL

BOTTOM: 0745 FNL 1878 FWL

COUNTY: UINTAH

LATITUDE: 40.03810 LONGITUDE: -109.4886

UTM SURF EASTINGS: 628945 NORTHINGS: 4432870

FIELD NAME: NATURAL BUTTES (630)

NEW

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:

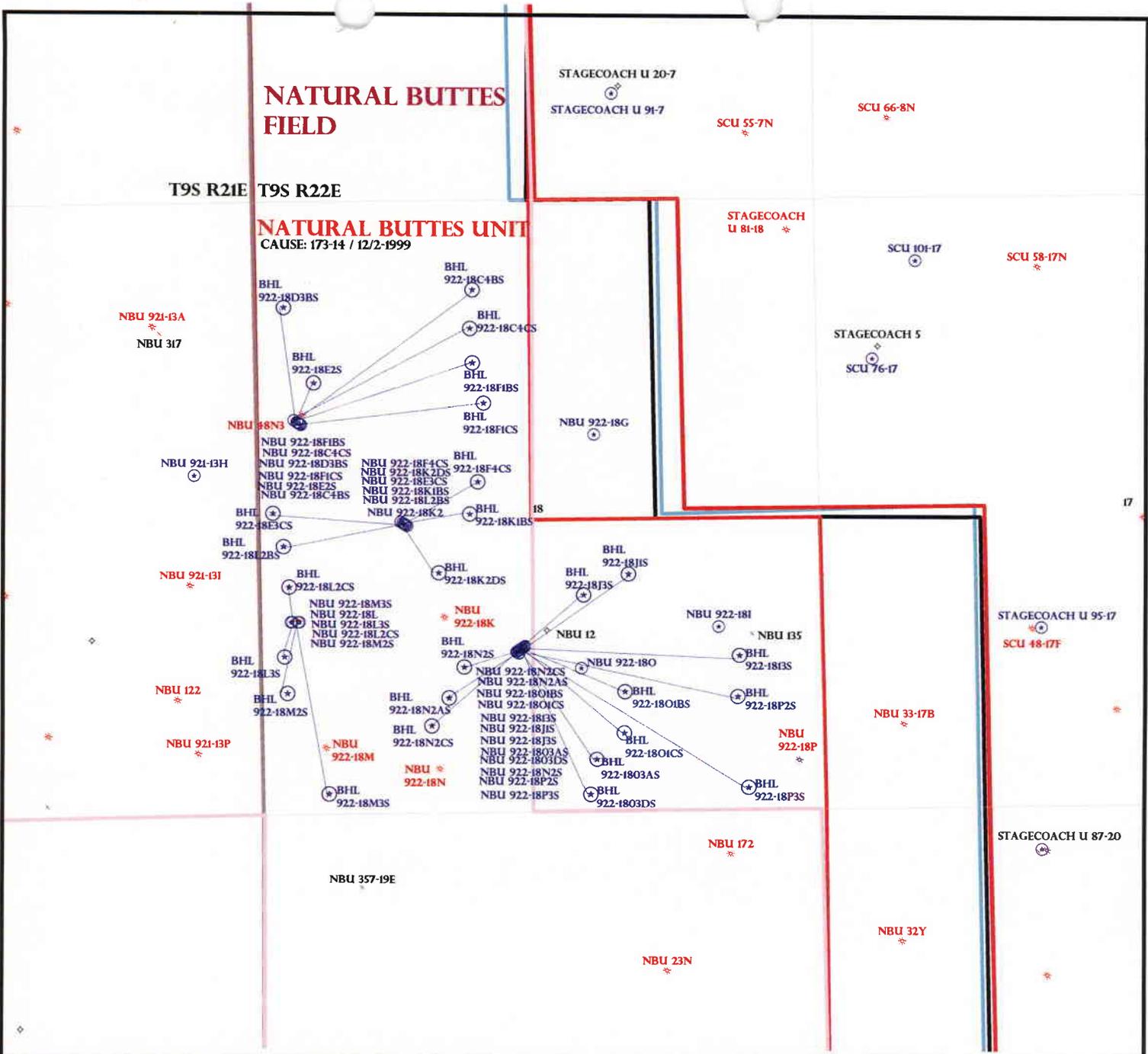
- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' for Wbdvgs & uncomm Tracts
- R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- Federal Approval
2- Oil Shale

NATURAL BUTTES FIELD

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



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 922-18C4BS Well, Surface Location 1875' FNL, 362' FWL, SW NW, Sec. 18,
T. 9 South, R. 22 East, Bottom Location 745' FNL, 1878' FWL, NE 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 43-047-39836.

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 922-18C4BS
API Number: 43-047-39836
Lease: UTU-0359

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

RECEIVED
VERNAL FIELD OFFICE
2007 NOV 5 PM 12:35

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-0359

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Lease Name and Well No.
NBU 922-18C4BS

9. API Well No.
43 047 39836

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area
SEC. 18, T9S, R22E

12. County or Parish
UINTAH

13. State
UTAH

1a. Type of Work: DRILL REENTER

b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

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

3A. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **SW/NW 1875'FNL, 362'FWL (LOT 2)**
At proposed prod. Zone **NE/NW 745'FNL, 1878'FWL**

14. Distance in miles and direction from nearest town or post office*
17 +/- MILES FROM OURAY, UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
362'

16. No. of Acres in lease
162.39

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
REFER TO TOPO C

19. Proposed Depth
10,257'

20. BLM/BIA Bond No. on file
RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4894'GL

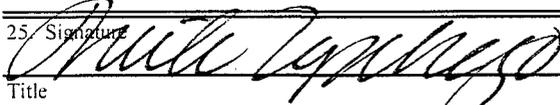
22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

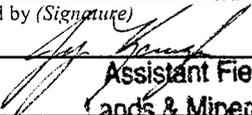
24. Attachments

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

- 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.
- 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) **JESSI KENZKA** Date **SEP 08 2008**

Title **Assistant Field Manager** Office **VERNAL FIELD OFFICE**
lands & Mineral Resources

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

RECEIVED
SEP 15 2008

DIV. OF OIL, GAS & MINING

NO NOS
29MCA120A



**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 and Gas Onshore LP **Location:** Lot 2, Sec. 18, T9S, R22E
Well No: NBU 922-18C4BS **Lease No:** UTU-0359
API No: 43-047-39836 **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

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

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

General Conditions of Approval

- 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.
- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted 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 should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

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

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

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

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

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

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (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.

Well Header

Doc. No.	06BM1737A	API No	6-17H	APD Type	NOS	Received Date	05/16/2006				
Well Name	LCU	Number	6-17H	Proprietary	Exp. Date	NOS Recv	05/16/2006				
Customer No.		Change Effective Date		District	VERNAL FIELD OFFICE						
Name	XTO ENERGY INC	Case Number	UTU76265	Type	Lse Type	Case Name					
City	AZTEC	Lease	UTU76265	312021	P						
Phone	505.324.1090	Agmt	UTU81878X	318210		LITTLE CANYON UNIT					
Contact		Reservation			Well Type	GAS	Exp/Dev DEV				
Phone		Allottee			Status	UNOS	Effective 08/27/2008				
Bond		Fields/Pools	NATURAL BUTTES		MMS Office Code	VE	Helium? No				
Depths	Meas	Proposed True	Meas	Actual True	Formations	MESAVERDE					
Surface Entry Pt					State	Meridian	Survey				
Exit Pt					UT	SLB					
Kick Off Pt	9000				Description		Rectangular Survey				
Bottom							NAD83				
Location Type		Twp	Range	Sec	Aliquot	NS-foot	EW-foot	Latitude	Longitude	Lot	Tract
Surface	UINTAH	11S	20E	17	SENW	2269FNL	2388FWL				
Entry Pt											
Exit Pt											
Kick Off Pt											
Bottom	UINTAH	11S	20E	17	SENW	2269FNL	2388FWL				

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 1898 FNL 395 FWL		8. Well Name and No. NBU 922-18C4BS
		9. API Well No. 43-047-39836
		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Surface Location
	<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 1898' FNL & 395' FWL. The bottomhole location has not been changed.

Approved by the
Utah Division of
Oil, Gas and Mining

628956X 40.038041
44328644 -109.488501

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

Federal Approval of this
Action is Necessary

COPY SENT TO OPERATOR
Date: 12.4.2008
Initials: KS

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

Kevin McIntyre

Title

Regulatory Analyst

Signature

[Signature]

Date

11/12/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

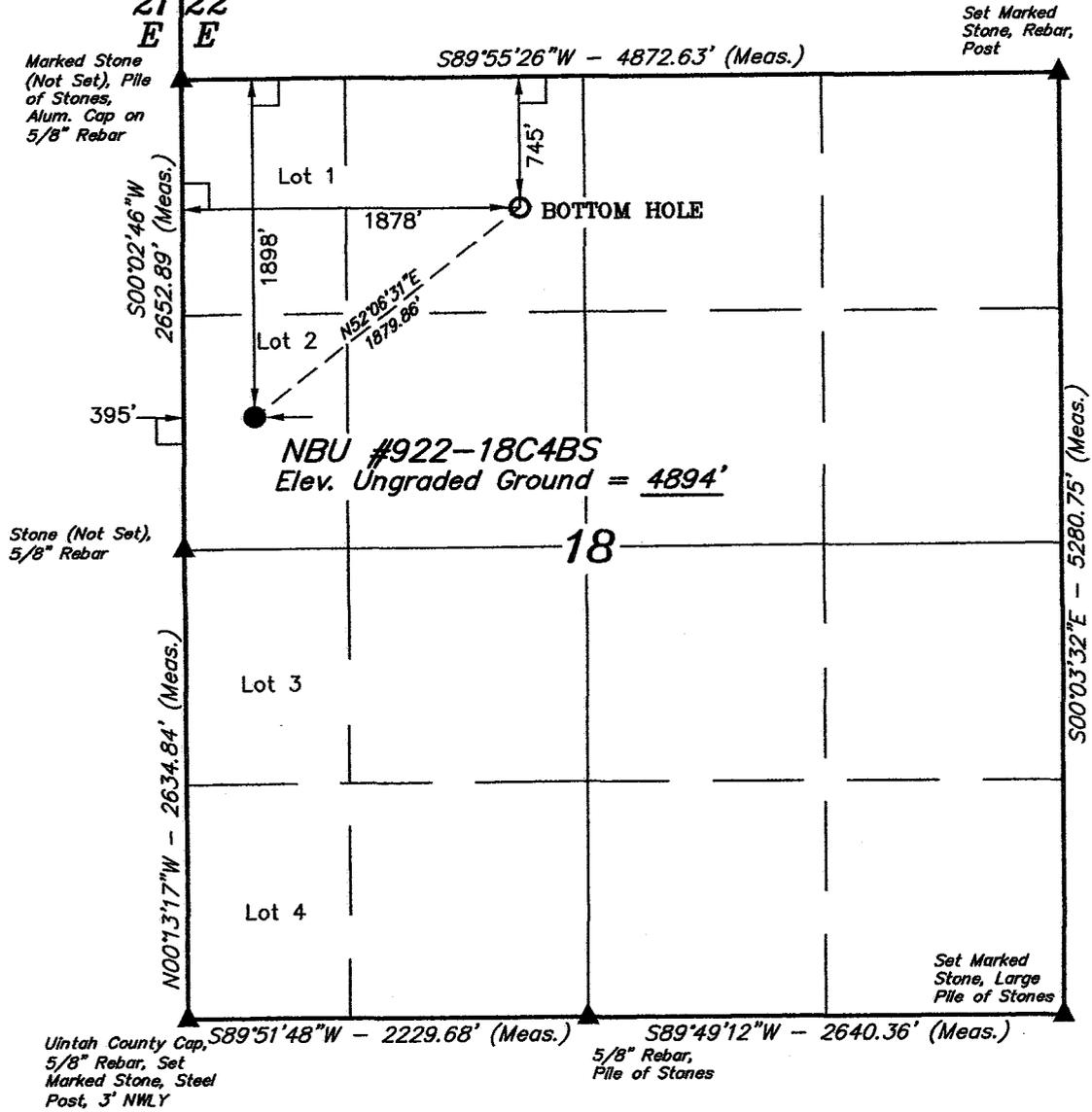
Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any 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

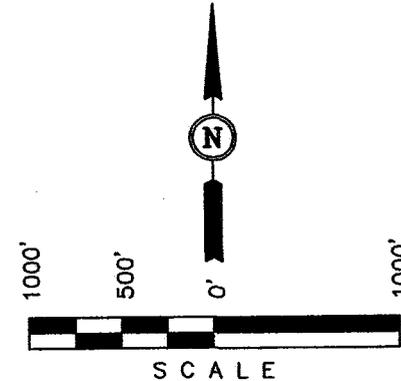
Well location, NBU #922-18C4BS, located as shown in Lot 2 of Section 18, T9S, R22E, S.L.B.&M., Uintah County, Utah.

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°02'28.34" (40.041206)	LATITUDE = 40°02'16.94" (40.038039)
LONGITUDE = 109°29'02.47" (109.484019)	LONGITUDE = 109°29'21.54" (109.489317)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°02'28.47" (40.041242)	LATITUDE = 40°02'17.07" (40.038075)
LONGITUDE = 109°29'00.00" (109.483333)	LONGITUDE = 109°29'19.07" (109.488631)

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 922-18C4BS
T9S-R22E
Section 18: NENW
Surface: 1898' FNL, 395' FWL
Bottom Hole: 745' FNL, 1878' FWL
Uintah County, Utah

Dear Mrs. Mason:

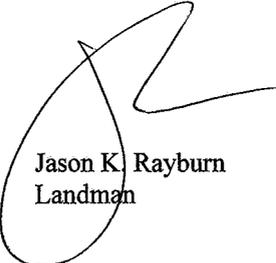
Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 922-18C4BS 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
		7. UNIT or CA AGREEMENT NAME: 891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: NBU 922-18C4BS	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		9. API NUMBER: 4304739836
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779	PHONE NUMBER: (720) 929-6226	10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1898' FNL & 395' FWL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 18 9S 22E		STATE: UTAH

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

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

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

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

Approved by the
Utah Division of
Oil, Gas and Mining

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

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

(This space for State use only)

COPY SENT TO OPERATOR
Date: 12-16-2008
Initials: KS

(See Instructions on Reverse Side)

RECEIVED
DEC 11 2008

DIV. OF OIL, GAS & MINING



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

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

API: 4304739836
Well Name: NBU 922-18C4BS
Location: SWNW 1898' FNL & 395' 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

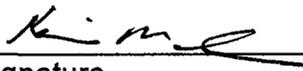
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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 922-18C4BS
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398360000
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: 1898 FNL 0395 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 1130 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 922-18C4BS
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398360000
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: 1898 FNL 0395 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: 6/12/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU ELENBURG RIG 12 ON 06/11/2009. DRILLED 12 1/4" SURFACE HOLE TO 2810'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/270 SX HIFILL CLASS G @11.0 PPG 3.80 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DISPLACE W/208 BBLS WATER BUMP PLUG FLOATER. FINAL LIFT 1100 PSI. TOP OUT W/250 SX PREM CLASS G @15.8 PPG 1.15 YIELD. HOLE STAYED FULL. CMT TO SURFACE. WORT.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 17, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/17/2009	

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
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Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 17, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/17/2009

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Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 17, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/17/2009	

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<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/19/2009	<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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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2810' TO 10,195' ON 08/18/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/692 SX PREM LITE II @11.9 PPG 2.36 YIELD. TAILED CMT W/1371 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/157 BBLs H2O + ADDITIVES. LOST RETURN @130 BBLs IN DISPLACEMENT W/20 BBLs WATER SPACER TO PIT PRESSURE @2700 PSI BUMP PLUG W/3200 PSI HOLD 5 MIN W/NO LOSS PLUG DOWN AT 07:17 HRS. FLOATS HELD 1.5 BBLs BACK TO INVENTORY. RDMO CMT EQUIP. LAND MANDREL BACK OUT & LAY DOWN LANDING JT CLEAN BOPE NIPPLE DOWN TO SKID. RELEASED H&P RIG 298 ON 08/19/2009 AT 0900 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 24, 2009

NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 8/21/2009

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
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 11/21/2009 AT 9:00 A.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 November 23, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 11/23/2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED)	Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
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: 8/19/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)	UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/11/2009	7:00 - 8:00	1.00	MIRU	01	C	P		SKID RIG,RAISE DERRICK
	8:00 - 12:30	4.50	MIRU	01	B	P		RURT,WELD CONDUCTOR
	12:30 - 14:00	1.50	PRSPD	06	A	P		P/U BIT #1,R/U DIR TOOLS
	14:00 - 17:00	3.00	DRLSUR	02	D	P		SPUD 12.25,DRILL 40' TO 188'
	17:00 - 17:30	0.50	DRLSUR	08	B	P		REPAIR PUMPS
	17:30 - 21:00	3.50	DRLSUR	02	D	P		DRILL & SLIDE F/BUILD F/188' TO 373
	21:00 - 22:00	1.00	DRLSUR	08	A	P		REPLACE TOPDRIVE MOTOR
	22:00 - 23:00	1.00	DRLSUR	02	D	P		DRILL & SLIDE F/373 TO 437,SURVEY EVERY 90',349' INC 4.69 AZI 54.74
6/12/2009	23:00 - 0:00	1.00	DRLSUR	08	A	Z		WAIT ON TOP DRIVE MTRS FROM CASPER
	0:00 - 10:00	10.00	DRLSUR	08	B	P		WAIT ON PARTS,REPAI TOPDRIVE
6/13/2009	10:00 - 0:00	14.00	DRLSUR	02	D	P		DIR DRILL & SLIDE F/473 TO 1200 ,SURVEY EVERY 90',DEV 14.6 & AZI50.7
	0:00 - 3:30	3.50	DRLSUR	02	D	P		DIR DRILL F/1200 TO 1302,SURVEY EVERY 90',SLIDE20 %,
	3:30 - 4:00	0.50	DRLSUR	08	B	Z		REPLACE T-DRIVE MTR
	4:00 - 5:00	1.00	DRLSUR	02	D	P		DIR DRILL F/1302 TO 1334,NO SLIDES
	5:00 - 7:30	2.50	DRLSUR	08	B	Z		WORK ON HYDRALIC SYSTEM
	7:30 - 8:00	0.50	DRLSUR	06	A	Z		POOH TO 1000,TO CHANGE PARTS
	8:00 - 21:00	13.00	DRLSUR	08	B	Z		REPLACE TOP DRIVE,MAIN OIL PUMP,HYD PSI SAFETY BY PASSES,STILL STALLING OUT@2800 TORQUE
	21:00 - 21:30	0.50	DRLSUR	06	A	Z		TIH 1000 TO 1034'
6/14/2009	21:30 - 0:00	2.50	DRLSUR	02	D	P		DIR DRILL F/1334 TO 1405
	0:00 - 7:30	7.50	DRLSUR	02	D	P		DIR DRILL F/1405 TO 1580 ,SURVEY 90',
	7:30 - 9:00	1.50	DRLSUR	08	B	Z		WORK ON HYD SYSTEM,CHANGE PSI BLOCK
	9:00 - 10:30	1.50	DRLSUR	02	D	P		DIR DRILL F/1580 TO 1613
	10:30 - 11:00	0.50	DRLSUR	08	B	Z		WORK ON HYD SYSTEM
	11:00 - 22:30	11.50	DRLSUR	02	D	P		DIR DRILL F/1613 TO 1940,SURVEY EVERY 90
6/15/2009	22:30 - 23:30	1.00	DRLSUR	08	B	Z		WORK ON MUD PUMPS
	23:30 - 0:00	0.50	DRLSUR	02	D	P		DIR DRILL F/1940 TO 1945,
	0:00 - 0:30	0.50	DRLSUR	02	D	P		DIR DRILL F/1940 TO 1945,
	0:30 - 4:30	4.00	DRLSUR	06	A	P		POOH,CHANGE BIT & MUD MTR ,TIH
	4:30 - 14:00	9.50	DRLSUR	02	D	P		DIR DRILL F/1945 TO 2297,SURVEY EVERY 90',
6/16/2009	14:00 - 20:00	6.00	DRLSUR	06	A	X		POOH L/D PLUGGED MTR,P/U NEW MTRTIH
	20:00 - 0:00	4.00	DRLSUR	02	C	P		DIR DRILL F/2297 TO 2440 ,SURVEY EVERY 90
	0:00 - 7:00	7.00	DRLSUR	02	D	P		DIR DRILL F/2440 TO 2640,SURVEY EVERY 90
	7:00 - 7:30	0.50	DRLSUR	07	A	P		RIG SERVICE
	7:30 - 14:00	6.50	DRLSUR	02	D	P		DIR DRILL F/ 2640 TO TD@2810,SURVEY EVERY90,LAST SURVEY = 2755' DEV 13.27 AZI 47.49,,13 HIGH 5' LEFT OF LINE
	14:00 - 15:00	1.00	DRLSUR	05	F	P		PUMP POLY SWEEP TO LDDP
	15:00 - 18:30	3.50	DRLSUR	06	E	P		LDDP & BHA,DIR TOOLS
18:30 - 21:30	3.00	CSG	12	C	P		RUN 64 JTS #40 J55 9.625 CSG TO 2795' KB	
21:30 - 22:00	0.50	CSG	05	D	P		CIRC F/CEMENT	

RECEIVED November 23, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/O/0/26/PM/N/1,898.00/W/0/395.00/O/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	22:00 - 0:00	2.00	CSG	12	E	P		PUMP 270SX LEAD 11.0 LB,3.8 YLD,23/GAL H2O, TAIL 200 SX ,15.8 LB,1.15YLD,5/GAL H2O,DISPLACE 208 BBLs WATER,BUMPLUG FLOATS HELD FINAL LIFT 1100 PSI,TOPOUT W/250SX TAIL ,2 TOPOUTS
8/10/2009	21:30 - 22:00	0.50	MIRU	01	C	P		SKID RIG TO NBU 922-18C4BS
	22:00 - 23:30	1.50	MIRU	14	B	P		NIPPLE UP,BOP,FLOW LINE,MUDLINE,PRE SPUD INSPECTION
	23:30 - 0:00	0.50	DRLPRO	15	A	P		TEST BOP
8/11/2009	0:00 - 4:30	4.50	DRLPRO	15	A	P		PRESSURE TEST PIPE RAMS, BLIND RAMS, IBOP, FLOOR VALVE, KILL LINES & KILL LINE VALVES, BOP WING VALVES , HCR VALVE + CHOKE LINE; INNER AND OUTER CHOKE VALVES & MANIFOLD TO 250 PSI LOW @ 5 MINUTES + 5000 PSI HIGH @ 10 MINUTES / TEST ANNULAR TO 250 PSI LOW @ 5 MINUTES + 2500 PSI HIGH @ 10 MINUTES / TEST SUPER CHOKE + SURFACE CASING TO 1500 PSI @ 30 MINUTES / FUNCTION TEST CLOSING UNIT - OK,INSTALL WEAR BUSHING.
	4:30 - 5:30	1.00	DRLPRO	09	A	P		CUT & SLIP 121' DRILL LINE
	5:30 - 9:00	3.50	DRLPRO	06	A	P		PICK UP DIRECTIONAL(RSS) TOOLS PROGRAM ,MWD,RSS TOOLS, SURFACE TEST TOOLS
	9:00 - 11:00	2.00	DRLPRO	06	A	P		TRIP IN HOLE,INSTALL ROTATING HEAD,TAG CMT @2675
	11:00 - 13:00	2.00	DRLPRO	02	F	P		DRILL CMT F/ 2765 T/2825,FLOAT @ 2754' SHOE @2810' WOB 10/ RPM TD 40 MTR 80/SPM 85/GPM 382 SPP ON / OFF 2300 / 2200 PU/SO/ROT 105/91/96,TQ ON/ OFF 3/3,CIRC PITS VIS 27 MW 8.7
	13:00 - 17:30	4.50	DRLPRO	02	D	P		DRILLING- RSS- F/ 2825 T/3215=390=86.6 FPH,PROGRAMMING AUTO PILOT DURING FIRST 100' WOB 14/RPM TD 40/ MTR 90/SPM 100 GPM 450/SPP ON/OFF 3375-3200 PU/SO/ROT 105/91/96
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	18:00 - 21:30	3.50	DRLPRO	02	D	P		DRILLING - RSS- F/ 3215 T/3645=430=122.8 FPH, ' WOB 16/18/RPM TD 40/ MTR 90/SPM 100 GPM 450/SPP ON/OFF 3380-3170 PU/SO/ROT 118/91/96 TQ ON/OFF 7/3
	21:30 - 22:00	0.50	DRLPRO	22	O	S		SUDDEN SPP PRESSURE LOSS 1200 PSI, FROM 3380 - 2180 PSI, PU OFF BTM,CHECK OUT RIG SURFACE EGUIP,AND WEATHERFORD DIRECTIONAL TOOLS,UNABLE TO DETECT ANY PROBLEMS,SET BIT ON BTM 180-200 PSI DIFFERENTIAL,SAME AS BEFORE.RESUME DRILLING,PRESSURE STAYING STEADY@2180 PSI UP PUMP STKS TO 105,472 GPM PRESSURE @ 2350
	22:00 - 0:00	2.00	DRLPRO	02	D	P		DRILLING - RSS- F/ 3645 T/3925=280=140 FPH, ' WOB 16/18/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2380-2200 PU/SO/ROT 118/91/96 TQ ON/OFF 7/3
8/12/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILLING - RSS- F/ 3925 T/4600=675=112.5 FPH, ' WOB 16/18/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2380-2200 PU/SO/ROT 136/105/122 TQ ON/OFF 7/4
	6:00 - 10:00	4.00	DRLPRO	02	D	P		DRILLING - RSS- F/ 4600 T/5127=527=131.75 FPH, ' WOB 16/18/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2540-2450 PU/SO/ROT 160/115/130 TQ ON/OFF 8/5

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:00 - 10:30	0.50	DRLPRO	22	O	S		SPP SUDDEN LOSS OF 500 PSI,CHECKED SURFACE EQUIP& DIRECTIONAL EQUIP NO PROBLEM FOUND,RESUME DRILLING
	10:30 - 16:00	5.50	DRLPRO	02	D	P		DRLLING - RSS- F/ 5127 T/5721=594=108 FPH, ' WOB 16/18/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2060-1850 PU/SO/ROT 160/115/130 TQ ON/OFF 8/5
	16:00 - 16:30	0.50	DRLPRO	02	D	P		RIG SERVICE,WORK PIPE RAMS
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLLING - RSS- F/5721 T/6665=944=125 FPH, ' WOB 18/20 /RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2250-1950 PU/SO/ROT 195/121/156 TQ ON/OFF 12/7 CIRC MUD TANKS VIS 27 MW 8.7.
8/13/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRLLING - RSS- F/ 6665 T/7200=535=89.1 FPH, ' WOB 18//20/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2350-1950 PU/SO/ROT 176/125/1154 TQ ON/OFF 7/4 LAST SURVEY @7119 INC 15,26 AZM 48.54, 14' NORTH ,3' LEFT OF CENTER,START DROP @ 7100' @ 2 DEG PER 100, VIS 29 MW 8,7
	6:00 - 16:00	10.00	DRLPRO	02	D	P		DRLLING - RSS- F/ 7200 T/7616=416=41.6 FPH, ' WOB 20//24/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2310-2133 PU/SO/ROT 200/140/167TQ ON/OFF 14/10 VIS 31 MW 9.1
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLLING - RSS- F/ 7616 T/ 7915=299=39.8 FPH, ' WOB 18//26/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2420-2280 PU/SO/ROT 220/140/175TQ ON/OFF 15/10 VIS 32 MW 9.4
8/14/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRLLING - RSS- F/ 7915 / 8100 =200 = 33.3 FPH, ' WOB 18//26/RPM TD 30-40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2450-2225 PU/SO/ROT 235/140/178 TQ ON/OFF 12/9 VIS 32 MW 9.4
	6:00 - 16:00	10.00	DRLPRO	02	D	P		DRLLING - RSS- F/8100 / 8466 =466 = 46.6 FPH, ' WOB20/30 / RPM TD 30-40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2670-2306 PU/SO/ROT 245/140/180TQ ON/OFF 14/10VIS 35 MW 10.0
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE BOP DRILL
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLLING - RSS- F/8466 / 8662 =198 =26.4 FPH, ' WOB20/30 / RPM TD 30-40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2770-2470 PU/SO/ROT 255/140/183TQ ON/OFF 13/11VIS 36 MW 10.2
8/15/2009	0:00 - 1:00	1.00	DRLPRO	02	D	P		DRILL 8662-8675 WOB 28-30 / RPM TD 40 MTR 100 / SPM 105 GPM 472 / SPP ON/OFF 2770/2470 TQ ON/OFF 13/11 / PU/SO/ROT 255/150/183 MW 10.4 VIS 36
	1:00 - 1:30	0.50	DRLPRO	05	C	P		CCH, MIX & PUMP SLUG F/ BIT TRIP
	1:30 - 3:30	2.00	DRLPRO	06	A	P		TOH, BACK REAM THRU TIGHT SPOT 6838-6832,TOH TO 5285' TIGHT PULLED 60 OVER, UNABLE TO DROP BACK OUT,WORK STUCK PIPE,
	3:30 - 11:00	7.50	DRLPRO	22	A	X		CIRC & WORK STUCK PIPE
	11:00 - 12:00	1.00	DRLPRO	22	A	X		PU SURFACE JARS,AND JAR PIPE FREE,LD SAME
	12:00 - 17:00	5.00	DRLPRO	06	A	P		BACK REAM TO CSG SHOE F/5285-2800,
	17:00 - 18:30	1.50	DRLPRO	06	A	P		PUMP SLUG,PULL ROTATING RUBBER,TOH F/2800'
	18:30 - 21:00	2.50	DRLPRO	06	A	P		LD WEATHERFORD(RSS) DIRECTIONAL TOOLS & LOAD OUT

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	21:00 - 0:00	3.00	DRLPRO	06	A	P		PU BIT MONEL DC .16 STRAIGHT M MTR, TIH, INTALL ROT HEAD, BREAK CIRC @ 2800', (TIGHT SPOTS 3890,4020,4151,4764
8/16/2009	0:00 - 1:30	1.50	DRLPRO	06	A	P		TIH W&R THRU BRIDGE @ 4970, CIH TO 8585
	1:30 - 2:00	0.50	DRLPRO	03	D	P		W&R F/ 8585-8675 15' FILL
	2:00 - 6:00	4.00	DRLPRO	02	D	P		DRILL 8675-8819=144=36 WOB 12/16, RPM TD 40/ M MTR 72/SPM 105/GPM 472/ SPP ON/OFF 2200/2000 PU/SO/ROT 250/140/186 TQ ON/OFF 13/11 MW 10.6 VIS 40
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL 8819-9400=581=50.2 WOB 18, RPM TD 40/ M MTR 72/SPM 105/GPM 472/ SPP ON/OFF 2550/2300 PU/SO/ROT 258/160/188 TQ ON/OFF 15/13 MW 11.1 VIS 40
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RIG SERVICE, WORK PIPE RAMS
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL 9*400-9600=200=33.3 WOB 18/20, RPM TD 40/ M MTR 72/SPM 105/GPM 472/ SPP ON/OFF 2500/2300 PU/SO/ROT 270/150/195 TQ ON/OFF 16/15 MW 11.4 VIS 42,
8/17/2009	0:00 - 4:00	4.00	DRLPRO	02	D	P		DRILL 9600-9645=45=11.2 WOB 22/26 / RPM TD 30-50 MTR 76 / SPM 105 GPM 472 / SPP ON/OFF 2500/2400 TQ ON/OFF 16/15 / PU/SO/ROT 255/150/183 MW 11.5 VIS 42
	4:00 - 5:00	1.00	DRLPRO	05	B	P		CIRC & COND HOLE F/ BIT TRIP RAISE MW TO 11.7 TO CONTROL GAS.
	5:00 - 5:30	0.50	DRLPRO	10	B	P		DROP MULTI SHOT SURVEY TOOL
	5:30 - 10:00	4.50	DRLPRO	06	A	P		TRIP F/ BIT, FLOW CHECK @ CSG SHOE, PULL ROTA RUBBER, TOH, (HOLE GOOD)
	10:00 - 14:00	4.00	DRLPRO	06	A	P		CHANGE BITS, FUNCT TEST BOP'S, TIH, BREAK CIRC @ 2800' & 6200', CIH TO 9306, CLEAN OUT TIGHT SPOT 9306-9308, CIH TO 9565'
	14:00 - 14:30	0.50	DRLPRO	03	D	P		W & R F/9565 TO 9645 3' FILL/ LOST 20 BBLS MUD ON TRIP , TRIP GAS 8185 U
	14:30 - 15:30	1.00	DRLPRO	02	D	P		DRILL 9645-9677=32=32 WOB 16/18 / RPM TD 40 MTR 76 / SPM 105 GPM 472 / SPP ON/OFF 2500/2300 TQ ON/OFF 14/12 / PU/SO/ROT 260/150/190 MW 11.7 VIS 44
	15:30 - 16:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:00 - 0:00	8.00	DRLPRO	02	D	P		DRILL 9677-9985=308=38.5 WOB 18/21 / RPM TD 40 MTR 76 / SPM 100 GPM 450 / SPP ON/OFF 2600/2490 TQ ON/OFF 16/15 / PU/SO/ROT 290/150/196 MW 11.8 VIS 46 LCM 5%
8/18/2009	0:00 - 5:30	5.50	DRLPRO	02	D	P		0000-0530 DRILL 9985-10195 TD= 210'=38.5 WOB 18/22 / RPM TD 40 MTR 72 / SPM 100 GPM 450 / SPP ON/OFF 2600/2490 TQ ON/OFF 16/15 / PU/SO/ROT 290/150/196/ MW 11.9+ VIS 46 LCM 6% / BGG 1100 U
	5:30 - 7:00	1.50	DRLIN1	05	C	P		CIRC & COND HOLE F/ E-LOGS, PUMP SWEEP
	7:00 - 7:30	0.50	DRLPRO	10	B	P		DROP MULTI SHOT SURVEY TOOL
	7:30 - 12:00	4.50	DRLPRO	06	B	P		TOH F/ LOGS, (315K STRAIGHT PULL OFF BTM) FLOW CHECK @ CSG SHOE, PULL ROTA RUBBER, TOH BREAK BIT L/D MONEL DC & M MTR, PULL WEAR BUSHING
	12:00 - 18:30	6.50	DRLPRO	11	G	P		HSM RU HALLIBURTON RUN TRIPLE COMBO LOG OUT FROM 10,201' TO SURFACE, RDMO CHANGE OUT BAILS, RU LD TRUCK, & CASING EQUIP
	18:30 - 20:00	1.50	DRLPRO	12	A	P		
	20:00 - 0:00	4.00	DRLPRO	12	C	P		HSM/ RUN 8 JTS P-110 #11.6 LT&C 4.5 CASING + 1 XO JT I-80 11.6# FROM LTC TO BTC, 140 JTS I-80 #11.6 BTC 4.5 CASING , CURRENTLY RUNNING CSG @ 6200'

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/19/2009	0:00 - 3:00	3.00	DRLPRO	12	C	P		HSM/ RUN 8 JTS P-110 #11.6 LT&C 4.5 CASING + 1 XO JT I-80 11.6# FROM LTC TO BTC, 234 JTS I-80 #11.6 BTC 4.5 CASING + RELATED TOOLS / BREAKING CIRCULATION @ SELECTED INTERVALS/ INSTALL SOLID MANDREL / HOLD CASING UP @ 10,180' FOR CEMENT JOB. RU CIRC CSG, RU BJ, HSM BTM UP GAS 9024 U NO FLARE) TEST PUMPS & LINES TO 4500k PSI / PUMP 40 BBLS H2O + 692 SX LEAD CEMENT @ 11.9 ppg (PREM LITE II + .05lbs/sx STATIC FREE +0.6%R-3+ .25 pps CELLOFLAKE + 5 pps KOL SEAL + 8% bwoc BENTONITE + .2% bwoc SODIUM METASILICATE + 126.2% FRESH WATER / (13.16 gal/sx, 236 yield) + 1371 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/ 157 BBLS H2O + ADDITIVES / - LOST RETURNS @ 130 BBLS IN DISPLACEMENT W/ 20 BBLS WATER SPACER TO PIT LIFT PRESSURE @ 2700 PSI (CALC TOP OF TAIL @ 3880') / BUMP PLUG W/ 3200 PSI - HOLD 5 MINUTES W/ NO LOSS / PLUG DOWN @ 07:17 HOURS / FLOATS HELD W/ 1.50 BBLS BACK TO INVENTORY / R.D.M.O. CEMENT EQUIPMENT R.D.M.O. B.J. EQUIPMENT LAND MANDREL / BACK OUT & LAY DOWN LANDING JOINT CLEAN B.O.P.E. / NIPPLE DOWN TO SKID / RIG RELEASED @ 09:00 HRS 08/19/2009
	3:00 - 4:30	1.50	DRLPRO	05	D	P		
	4:30 - 7:30	3.00	DRLPRO	12	E	P		
	7:30 - 8:00	0.50	DRLPRO	12	B	P		
	8:00 - 8:30	0.50	DRLPRO	12	C	P		
	8:30 - 9:00	0.50	DRLPRO	14	A	P		

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED)		Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
Project: UTAH-UINTAH		Site: NBU 922-18E PAD	Rig Name No:
Event: COMPLETION		Start Date: 11/9/2009	End Date: 11/19/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/9/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. SIM OPS
	7:30 - 18:00	10.50	COMP	36	B	P		MIRU CUTTERS WL & SCHLUMBERGER FRAC SERV. STG 1)PU 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH PERF F/ 10080'-82', 4 SPF, 8 HOLES. 10070'-72', 4 SPF, 8 HOLES. 10032'-36', 3 SPF, 12 HOLES. 9968'-70', 3 SPF, 6 HOLES. 9960'-62', 3 SPF, 6 HOLES. POOH. WHP 327 PSI, BRK 4358 PSI @ 6.4 BPM. ISIP 3196 PSI, FG .75. PUMP 100 BBLS @ 49.6 BPM @ 5730 PSI = 100% HOLES OPEN. MP 6504 PSI, MR 50.8 BPM, AP 5092 PSI, AR 40.7 BPM, ISIP 2967 PSI, FG .73, NPI -229 PSI. PMP 858 BBLS SW & 19,360 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 24,360 LBS, 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 @ 9806' P/U PERF F/ 9774'-76', 4 SPF, 8 HOLES. 9716'-20', 3 SPF, 12 HOLES. 9684'-86', 3 SPF, 6 HOLES. 9596'-98', 3 SPF, 6 HOLES. 9548'-50', 4 SPF, 8 HOLES. POOH.

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 11/9/2009 End Date: 11/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/10/2009	7:00 - 17:00	10.00	COMP	36	B	P		<p>STG 2)WHP 1873 PSI, BRK 3687 PSI @ 6.4 BPM. ISIP 2690 PSI, FG .71. PUMP 100 BBLS @ 50.5 BPM @ 5050 PSI = 100% HOLES OPEN. AFTER GOING T/ FLUSH, LACKED 65 BBLS T/ FINISH FLUSH. SCEAN OUT. SD OPEN WELL T/ PIT. FLOW WELL BACK FOR 15 MIN. SD REFLUSH WELL. PMP 2765 BBLS SW & 103,646 LBS OF 30/50 SND & NO 20/40 RESIN SND DUE T/ SCREAM OUT. TOTAL PROP 103,646 LBS,</p> <p>STG 3)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE, 90 & 120 DEG PHASING. RIH SET CBP @ 9512' P/U PERF F/ 9478'-82', 4 SPF, 16 HOLES. 9404'-06', 3 SPF, 6 HOLES. 9340'-42', 4 SPF, 8 HOLES. 9270'-74', 3 SPF, 12 HOLES. POOH. WHP 450 PSI, BRK 4429 PSI @ 6.4 BPM. ISIP 3115 PSI, FG .76. PUMP 100 BBLS @ 50.6 BPM @ 5242 PSI = 100% HOLES OPEN. MP 6171 PSI, MR 50.7 BPM, AP 4613 PSI, AR 43.1 BPM, ISIP 2320 PSI, FG .68, NPI -795 PSI. PMP 815 BBLS SW & 24,730 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 29,730 LBS,</p> <p>STG 4)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE, 90 & 120 DEG PHASING. RIH SET CBP @ 9230' P/U PERF F/ 9192'-00', 3 SPF, 24 HOLES. 9082'-84', 4 SPF, 8 HOLES. 9020'-24', 3 SPF, 12 HOLES. POOH. WHP 0000 PSI, BRK 0000 PSI @ 6.4 BPM. ISIP 0000 PSI, FG .00. PUMP 100 BBLS @ 50.6 BPM @ 4840 PSI = 78% HOLES OPEN. MP 5436 PSI, MR 50.8 BPM, AP 4202 PSI, AR 44.3 BPM, ISIP 2477 PSI, FG .70, NPI 452 PSI. PMP 1142 BBLS SW & 39,941 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 44,941 LBS,</p> <p>STG 5)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE, 90 & 120 DEG PHASING. RIH SET CBP @ 8962' P/U PERF F/ 8930'-32', 4 SPF, 8 HOLES. 8906'-10', 3 SPF, 12 HOLES. 8850'-52', 4 SPF, 8 HOLES. 8842'-44', 3 SPF, 6 HOLES. 8778'-80', 3 SPF, 6 HOLES. POOH. WHP 1846 PSI, BRK 3245 PSI @ 6.4 BPM. ISIP 2350 PSI, FG .70. PUMP 100 BBLS @ 46 BPM @ 4600 PSI = 89% HOLES OPEN.</p>

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 11/9/2009 End Date: 11/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/09/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/11/2009	7:00 - 17:00	10.00	COMP	36	B	P		<p>MP 0000 PSI, MR 00 BPM, AP 0000 PSI, AR 00.0 BPM, ISIP 0000 PSI, FG .00, NPI 000 PSI. PMP 712 BBLs SW & 20,289 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 25,289 LBS, SWI. SDFN.</p> <p>STG 6)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8710' P/U PERF F/ 8678'-80', 4 SPF, 8 HOLES. 8650'-54', 3 SPF, 12 HOLES. 8594'-00', 3 SPF, 18 HOLES. POOH. WHP 730 PSI, BRK 3600 PSI @ 6.4 BPM. ISIP 1813 PSI, FG .64. PUMP 100 BBLs @ 51.5 BPM @ 4800 PSI = 80% HOLES OPEN. MP 5698 PSI, MR 51.7 BPM, AP 4443 PSI, AR 47.8 BPM, ISIP 2716 PSI, FG .74, NPI 903 PSI. PMP 1358 BBLs SW & 50,680 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 55,680 LBS,</p> <p>STG 7)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 120 DEG PHASING. RIH SET CBP @ 8456' P/U PERF F/ 8422'-26', 3 SPF, 12 HOLES. 8298'-02', 3 SPF, 12 HOLES. 8224'-30', 3 SPF, 18 HOLES. POOH. WHP 822 PSI, BRK 2948 PSI @ 6.4 BPM. ISIP 1568 PSI, FG .62. PUMP 100 BBLs @ 51.5 BPM @ 4400 PSI = 75% HOLES OPEN. MP 5380 PSI, MR 51.9 BPM, AP 4005 PSI, AR 48.3 BPM, ISIP 2487 PSI, FG .73, NPI 919 PSI. PMP 2212 BBLs SW & 85,236 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 90,236 LBS,</p> <p>STG 8)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 8126' P/U PERF F/ 8094'-96', 4 SPF, 8 HOLES. 8014'-22', 4 SPF, 32 HOLES. POOH. WHP 265 PSI, BRK 3031 PSI @ 6.4 BPM. ISIP 1841 PSI, FG .66. PUMP 100 BBLs @ 51.5 BPM @ 4549 PSI = 82% HOLES OPEN. MP 4862 PSI, MR 51.1 BPM, AP 4118 PSI, AR 44.5 BPM, ISIP 2800 PSI, FG .78, NPI 959 PSI. PMP 826 BBLs SW & 31,260 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 36,260 LBS,</p> <p>PU 4 1/2 8K HAL CBP. RIH SET KILL PLUG @ 7964'. POOH. SWI. RDMO CUTTERS WL & SCHLUMBERGER FRAC SERV.</p>

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 11/9/2009 End Date: 11/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/18/2009	11:00 - 18:00	7.00	COMP	31	I	P		MOVE OVER FROM 18C4CS AND RUSU. ND FRAC VALVES. NU BOP. RU FLOOR AND TBG EQUIP. SPOT IN TBG. MU 3-7/8" HURRICANE MILL, POBS, 1.87" XN AND RIH AS MEAS AND PU 224-JTS 2-3/8" L-80 TBG. SDFN JSA- PMP AND PRESSURES.
11/19/2009	6:45 - 7:00	0.25	COMP	48		P		OEPN UP WELL. CONT RIH AS PU TBG. TAG SAND AT 7921' W/ #249. RU DRLG EQUIP. FILL HOLE AND P-TEST TO 3000 PSI. GOOD. D/O PLUGS.
	7:00 - 17:30	10.50	COMP	44	C	P		#1- C/O 43' SAND TO CBP AT 7964'. D/O IN 5 MIN. 50# INC. RIH. #2- C/O 33' SAND TO CBP AT 8126'. D/O IN 5 MIN. 50# INC. RIH. #3- C/O 31' SAND TO CBP AT 8456'. D/O IN 8 MIN. 150# INC. RIH. #4- C/O 28' SAND TO CBP AT 8710'. D/O IN 5 MIN. 150# INC. RIH. #5- C/O 25' SAND TO CBP AT 8962'. D/O IN 8 MIN. 100# INC. RIH. #6- C/O 31' SAND TO CBP AT 9230'. D/O IN 8 MIN. 100# INC. RIH. #7- C/O 22' SAND TO CBP AT 9512'. D/O IN 5 MIN. 150# INC. RIH. #8- C/O 32' SAND TO CBP AT 9806'. D/O IN 5 MIN. 50# INC. RIH PBSD- C/O 54' SAND TO PBSD AT 10,136' W/ 318-JTS IN (54' RATHOLE) CIRC CLEAN. RD PWR SWIVEL. POOH AS LD 20-JTS TBG. PU 7-1/16" 5K CAMERON HANGER. LUB IN AND LAND 298-JTS W/ EOT AT 9515.25'. DROP BALL. RD FLOOR. ND BOP. NU WH. PMP DOWN TBG AND RELEASE POBS AT 1500 PSI. SHUT WELL IN FOR 30 MIN. RDSU. TURN WELL OVER TO FLOW BACK CREW. SDFN TBG DETAIL KB 26.00 330 JTS DELIVERED 7-1/16" 5K HANGER 1.00 JTS RETURNED 298-JTS 2-3" L-80 TBG 9486.05 10688 BBL PMP 1.87" XN (FE) 2.20 BBL RCVR EOT 9515.25 BBL LTR
11/20/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2700#, TP 1725#, 20/64" CK, 48 BWPH, MEDIUM SAND, LIGHT GAS TTL BBLs RECOVERED: 3010 BBLs LEFT TO RECOVER: 7678
11/21/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2950#, TP 1725#, 20/64" CK, 36 BWPH, MEDIUM SAND, LIGHT GAS TTL BBLs RECOVERED: 4002 BBLs LEFT TO RECOVER: 6686
	9:00 -		PROD	50				WELL TURNED TO SALE @ 0900 HR ON 11/21/09 - FTP 1725#, CP 2950#, 1.8 MCFD, 36 BWPD, 20/64 CK
11/22/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2750#, TP 1675#, 20/64" CK, 28 BWPH, MEDIUM SAND, 2028 GAS TTL BBLs RECOVERED: 4750 BBLs LEFT TO RECOVER: 5938

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED)		Spud Conductor: 5/29/2009		Spud Date: 6/11/2009	
Project: UTAH-UINTAH		Site: NBU 922-18E PAD		Rig Name No:	
Event: COMPLETION		Start Date: 11/9/2009		End Date: 11/19/2009	
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/23/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2550#, TP 1575#, 20/64" CK, 22 BWPH, TRACE SAND, 2063 GAS TTL BBLS RECOVERED: 5354 BBLS LEFT TO RECOVER: 5334

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. UTU0359

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. NBU 922-18C4BS

9. API Well No. 43-047-39836

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 08/18/2009

16. Date Completed D & A Ready to Prod. 11/21/2009

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

18. Total Depth: MD 10195 TVD 9944

19. Plug Back T.D.: MD 10136 TVD 9885

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CBL/BHV/ACRT/DSN/SDL

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		2810		720			
7.875	4.500 I-80	11.6		10186		2063			

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	9515							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8014	10082	8014 TO 10082	0.360	326	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8014 TO 10082	PMP 10,688 BBLs SLICK H2O & 410,142 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
11/21/2009	12/01/2009	24	→		2237.0	24.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 1299	1872.0	→		2237	24		PGW	

28a. Production - Interval B

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1856				
MAHOGANY	2485				
WASATCH	5304	8006			
MESAVERDE	8094	10093			

32. Additional remarks (include plugging procedure):

ATTACHED TO THIS COMPLETION REPORT IS THE CHRONOLOGICAL WELL HISTORY AND END OF WELL REPORT.

33. Circle enclosed attachments:

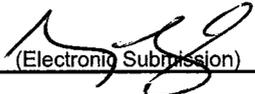
- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

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 #78893 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 12/16/2009

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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.

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/11/2009	7:00 - 8:00	1.00	MIRU	01	C	P		SKID RIG,RAISE DERRICK
	8:00 - 12:30	4.50	MIRU	01	B	P		RURT,WELD CONDUCTOR
	12:30 - 14:00	1.50	PRPSPD	06	A	P		P/U BIT #1,R/U DIR TOOLS
	14:00 - 17:00	3.00	DRLSUR	02	D	P		SPUD 12.25,DRILL 40' TO 188'
	17:00 - 17:30	0.50	DRLSUR	08	B	P		REPAIR PUMPS
	17:30 - 21:00	3.50	DRLSUR	02	D	P		DRILL & SLIDE F/BUILD F/188' TO 373
	21:00 - 22:00	1.00	DRLSUR	08	A	P		REPLACE TOPDRIVE MOTOR
	22:00 - 23:00	1.00	DRLSUR	02	D	P		DRILL & SLIDE F/373 TO 437,SURVEY EVERY 90',349' INC 4.69 AZI 54.74
6/12/2009	23:00 - 0:00	1.00	DRLSUR	08	A	Z		WAIT ON TOP DRIVE MTRS FROM CASPER
6/12/2009	0:00 - 10:00	10.00	DRLSUR	08	B	P		WAIT ON PARTS,REPAI TOPDRIVE
	10:00 - 0:00	14.00	DRLSUR	02	D	P		DIR DRILL & SLIDE F/473 TO 1200 ,SURVEY EVERY 90',DEV 14.6 & AZI50.7
6/13/2009	0:00 - 3:30	3.50	DRLSUR	02	D	P		DIR DRILL F/1200 TO 1302,SURVEY EVERY 90',SLIDE20 %,
	3:30 - 4:00	0.50	DRLSUR	08	B	Z		REPLACE T-DRIVE MTR
	4:00 - 5:00	1.00	DRLSUR	02	D	P		DIR DRILL F/1302 TO 1334,NO SLIDES
	5:00 - 7:30	2.50	DRLSUR	08	B	Z		WORK ON HYDRALIC SYSTEM
	7:30 - 8:00	0.50	DRLSUR	06	A	Z		POOH TO 1000,TO CHANGE PARTS
	8:00 - 21:00	13.00	DRLSUR	08	B	Z		REPLACE TOP DRIVE,MAIN OIL PUMP,HYD PSI SAFETY BY PASSES,STILL STALLING OUT@2800 TORQUE
	21:00 - 21:30	0.50	DRLSUR	06	A	Z		TIH 1000 TO 1034'
	21:30 - 0:00	2.50	DRLSUR	02	D	P		DIR DRILL F/1334 TO 1405
6/14/2009	0:00 - 7:30	7.50	DRLSUR	02	D	P		DIR DRILL F/1405 TO 1580 ,SURVEY 90',
	7:30 - 9:00	1.50	DRLSUR	08	B	Z		WORK ON HYD SYSTEM,CHANGE PSI BLOCK
	9:00 - 10:30	1.50	DRLSUR	02	D	P		DIR DRILL F/1580 TO 1613
	10:30 - 11:00	0.50	DRLSUR	08	B	Z		WORK ON HYD SYSTEM
	11:00 - 22:30	11.50	DRLSUR	02	D	P		DIR DRILL F/1613 TO 1940,SURVEY EVERY 90
	22:30 - 23:30	1.00	DRLSUR	08	B	Z		WORK ON MUD PUMPS
6/15/2009	23:30 - 0:00	0.50	DRLSUR	02	D	P		DIR DRILL F/1940 TO 1945,
	0:00 - 0:30	0.50	DRLSUR	02	D	P		DIR DRILL F/1940 TO 1945,
	0:30 - 4:30	4.00	DRLSUR	06	A	P		POOH,CHANGE BIT & MUD MTR ,TIH
	4:30 - 14:00	9.50	DRLSUR	02	D	P		DIR DRILL F/1945 TO 2297,SURVEY EVERY 90',
6/16/2009	14:00 - 20:00	6.00	DRLSUR	06	A	X		POOH L/D PLUGGED MTR,P/U NEW MTRTIH
	20:00 - 0:00	4.00	DRLSUR	02	C	P		DIR DRILL F/2297 TO 2440 ,SURVEY EVERY 90
	0:00 - 7:00	7.00	DRLSUR	02	D	P		DIR DRILL F/2440 TO 2640,SURVEY EVERY 90
6/16/2009	7:00 - 7:30	0.50	DRLSUR	07	A	P		RIG SERVICE
	7:30 - 14:00	6.50	DRLSUR	02	D	P		DIR DRILL F/ 2640 TO TD@2810,SURVEY EVERY90, LAST SURVEY = 2755' DEV 13.27 AZI 47.49,,13 HIGH 5' LEFT OF LINE
	14:00 - 15:00	1.00	DRLSUR	05	F	P		PUMP POLY SWEEP TO LDDP
	15:00 - 18:30	3.50	DRLSUR	06	E	P		LDDP & BHA,DIR TOOLS
	18:30 - 21:30	3.00	CSG	12	C	P		RUN 64 JTS #40 J55 9.625 CSG TO 2795' KB
	21:30 - 22:00	0.50	CSG	05	D	P		CIRC F/CEMENT

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	22:00 - 0:00	2.00	CSG	12	E	P		PUMP 270SX LEAD 11.0 LB,3.8 YLD,23/GAL H2O, TAIL 200 SX , 15.8 LB,1.15YLD,5/GAL H2O, DISPLACE 208 BBLS WATER, BUMPPLUG FLOATS HELD FINAL LIFT 1100 PSI, TOPOUT W/250SX TAIL , 2 TOPOUTS
8/10/2009	21:30 - 22:00	0.50	MIRU	01	C	P		SKID RIG TO NBU 922-18C4BS
	22:00 - 23:30	1.50	MIRU	14	B	P		NIPPLE UP, BOP, FLOW LINE, MUDLINE, PRE SPUD INSPECTION
	23:30 - 0:00	0.50	DRLPRO	15	A	P		TEST BOP
8/11/2009	0:00 - 4:30	4.50	DRLPRO	15	A	P		PRESSURE TEST PIPE RAMS, BLIND RAMS, IBOP, FLOOR VALVE, KILL LINES & KILL LINE VALVES, BOP WING VALVES , HCR VALVE + CHOKE LINE; INNER AND OUTER CHOKE VALVES & MANIFOLD TO 250 PSI LOW @ 5 MINUTES + 5000 PSI HIGH @ 10 MINUTES / TEST ANNULAR TO 250 PSI LOW @ 5 MINUTES + 2500 PSI HIGH @ 10 MINUTES / TEST SUPER CHOKE + SURFACE CASING TO 1500 PSI @ 30 MINUTES / FUNCTION TEST CLOSING UNIT - OK, INSTALL WEAR BUSHING.
	4:30 - 5:30	1.00	DRLPRO	09	A	P		CUT & SLIP 121' DRILL LINE
	5:30 - 9:00	3.50	DRLPRO	06	A	P		PICK UP DIRECTIONAL(RSS) TOOLS PROGRAM ,MWD,RSS TOOLS, SURFACE TEST TOOLS
	9:00 - 11:00	2.00	DRLPRO	06	A	P		TRIP IN HOLE, INSTALL ROTATING HEAD, TAG CMT @2675
	11:00 - 13:00	2.00	DRLPRO	02	F	P		DRILL CMT F/ 2765 T/2825, FLOAT @ 2754' SHOE @2810' WOB 10/ RPM TD 40 MTR 80/SPM 85/GPM 382 SPP ON / OFF 2300 / 2200 PU/SO/ROT 105/91/96, TQ ON/ OFF 3/3, CIRC PITS VIS 27 MW 8.7
	13:00 - 17:30	4.50	DRLPRO	02	D	P		DRILLING- RSS- F/ 2825 T/3215=390=86.6 FPH, PROGRAMMING AUTO PILOT DURING FIRST 100' WOB 14/RPM TD 40/ MTR 90/SPM 100 GPM 450/SPP ON/OFF 3375-3200 PU/SO/ROT 105/91/96
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	18:00 - 21:30	3.50	DRLPRO	02	D	P		DRILLING - RSS- F/ 3215 T/3645=430=122.8 FPH, ' WOB 16/18/RPM TD 40/ MTR 90/SPM 100 GPM 450/SPP ON/OFF 3380-3170 PU/SO/ROT 118/91/96 TQ ON/OFF 7/3
	21:30 - 22:00	0.50	DRLPRO	22	O	S		SUDDEN SPP PRESSURE LOSS 1200 PSI, FROM 3380 - 2180 PSI, PU OFF BTM, CHECK OUT RIG SURFACE EGUIP, AND WEATHERFORD DIRECTIONAL TOOLS, UNABLE TO DETECT ANY PROBLEMS, SET BIT ON BTM 180-200 PSI DIFFERENTIAL, SAME AS BEFORE, RESUME DRILLING, PRESSURE STAYING STEADY @ 2180 PSI UP PUMP STKS TO 105,472 GPM PRESSURE @ 2350
	22:00 - 0:00	2.00	DRLPRO	02	D	P		DRILLING - RSS- F/ 3645 T/3925=280=140 FPH, ' WOB 16/18/RPM TD 40/ MTR 100/SPM 105 GPM 472 /SPP ON/OFF 2380-2200 PU/SO/ROT 118/91/96 TQ ON/OFF 7/3
8/12/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRILLING - RSS- F/ 3925 T/4600=675=112.5 FPH, ' WOB 16/18/RPM TD 40/ MTR 100/SPM 105 GPM 472 /SPP ON/OFF 2380-2200 PU/SO/ROT 136/105/122 TQ ON/OFF 7/4
	6:00 - 10:00	4.00	DRLPRO	02	D	P		DRILLING - RSS- F/ 4600 T/5127=527=131.75 FPH, ' WOB 16/18/RPM TD 40/ MTR 100/SPM 105 GPM 472 /SPP ON/OFF 2540-2450 PU/SO/ROT 160/115/130 TQ ON/OFF 8/5

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US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 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: 8/19/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:00 - 10:30	0.50	DRLPRO	22	O	S		SPP SUDDEN LOSS OF 500 PSI,CHECKED SURFACE EQUIP& DIRECTIONAL EQUIP NO PROBLEM FOUND,RESUME DRILLING
	10:30 - 16:00	5.50	DRLPRO	02	D	P		DRLLING - RSS- F/ 5127 T/5721=594=108 FPH, ' WOB 16/18/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2060-1850 PU/SO/ROT 160/115/130 TQ ON/OFF 8/5
	16:00 - 16:30	0.50	DRLPRO	02	D	P		RIG SERVICE,WORK PIPE RAMS
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLLING - RSS- F/5721 T/6665=944=125 FPH, ' WOB 18/20 /RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2250-1950 PU/SO/ROT 195/121/156 TQ ON/OFF 12/7 CIRC MUD TANKS VIS 27 MW 8.7.
8/13/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRLLING - RSS- F/ 6665 T/7200=535=89.1 FPH, ' WOB 18//20/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2350-1950 PU/SO/ROT 176/125/1154 TQ ON/OFF 7/4 LAST SURVEY @7119 INC 15,26 AZM 48.54, 14' NORTH ,3' LEFT OF CENTER,START DROP @ 7100' @ 2 DEG PER 100, VIS 29 MW 8,7
	6:00 - 16:00	10.00	DRLPRO	02	D	P		DRLLING - RSS- F/ 7200 T/7616=416=41.6 FPH, ' WOB 20//24/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2310-2133 PU/SO/ROT 200/140/167TQ ON/OFF 14/10 VIS 31 MW 9.1
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLLING - RSS- F/ 7616 T/ 7915=299=39.8 FPH, ' WOB 18//26/RPM TD 40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2420-2280 PU/SO/ROT 220/140/175TQ ON/OFF 15/10 VIS 32 MW 9.4
8/14/2009	0:00 - 6:00	6.00	DRLPRO	02	D	P		DRLLING - RSS- F/ 7915 / 8100 =200 = 33.3 FPH, ' WOB 18//26/RPM TD 30-40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2450-2225 PU/SO/ROT 235/140/178 TQ ON/OFF 12/9 VIS 32 MW 9.4
	6:00 - 16:00	10.00	DRLPRO	02	D	P		DRLLING - RSS- F/8100 / 8466 =466 = 46.6 FPH, ' WOB20/30 / RPM TD 30-40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2670-2306 PU/SO/ROT 245/140/180TQ ON/OFF 14/10VIS 35 MW 10.0
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE BOP DRILL
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLLING - RSS- F/8466 / 8662 =198 =26.4 FPH, ' WOB20/30 / RPM TD 30-40/ MTR100/SPM 105 GPM 472 /SPP ON/OFF 2770-2470 PU/SO/ROT 255/140/183TQ ON/OFF 13/11VIS 36 MW 10.2
8/15/2009	0:00 - 1:00	1.00	DRLPRO	02	D	P		DRILL 8662-8675 WOB 28-30 / RPM TD 40 MTR 100 / SPM 105 GPM 472 / SPP ON/OFF 2770/2470 TQ ON/OFF 13/11 / PU/SO/ROT 255/150/183 MW 10.4 VIS 36
	1:00 - 1:30	0.50	DRLPRO	05	C	P		CCH, MIX & PUMP SLUG F/ BIT TRIP
	1:30 - 3:30	2.00	DRLPRO	06	A	P		TOH, BACK REAM THRU TIGHT SPOT 6838-6832,TOH TO 5285' TIGHT PULLED 60 OVER, UNABLE TO DROP BACK OUT,WORK STUCK PIPE,
	3:30 - 11:00	7.50	DRLPRO	22	A	X		CIRC & WORK STUCK PIPE
	11:00 - 12:00	1.00	DRLPRO	22	A	X		PU SURFACE JARS,AND JAR PIPE FREE,LD SAME
	12:00 - 17:00	5.00	DRLPRO	06	A	P		BACK REAM TO CSG SHOE F/5285-2800,
	17:00 - 18:30	1.50	DRLPRO	06	A	P		PUMP SLUG,PULL ROTATING RUBBER,TOH F/2800'
	18:30 - 21:00	2.50	DRLPRO	06	A	P		LD WEATHERFORD(RSS) DIRECTIONAL TOOLS & LOAD OUT

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US ROCKIES REGION

Operation Summary Report

Well: NBU 922-18C4BS (RED)		Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
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: 8/19/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	21:00 - 0:00	3.00	DRLPRO	06	A	P		PU BIT MONEL DC .16 STRAIGHT M MTR, TIH, INTALL ROT HEAD, BREAK CIRC @ 2800', (TIGHT SPOTS 3890,4020,4151,4764
8/16/2009	0:00 - 1:30	1.50	DRLPRO	06	A	P		TIH W&R THRU BRIDGE @ 4970, CIH TO 8585
	1:30 - 2:00	0.50	DRLPRO	03	D	P		W&R F/ 8585-8675 15 'FILL
	2:00 - 6:00	4.00	DRLPRO	02	D	P		DRILL 8675-8819=144=36 WOB 12/16, RPM TD 40/ M MTR 72/SPM 105/GPM 472/ SPP ON/OFF 2200/2000 PU/SO/ROT 250/140/186 TQ ON/OFF 13/11 MW 10.6 VIS 40
	6:00 - 17:30	11.50	DRLPRO	02	D	P		DRILL 8819-9400=581=50.2 WOB 18, RPM TD 40/ M MTR 72/SPM 105/GPM 472/ SPP ON/OFF 2550/2300 PU/SO/ROT 258/160/188 TQ ON/OFF 15/13 MW 11.1 VIS 40
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RIG SERVICE, WORK PIPE RAMS
	18:00 - 0:00	6.00	DRLPRO	02	D	P		DRILL 9*400-9600=200=33.3 WOB 18/20, RPM TD 40/ M MTR 72/SPM 105/GPM 472/ SPP ON/OFF 2500/2300 PU/SO/ROT 270/150/195 TQ ON/OFF 16/15 MW 11.4 VIS 42,
8/17/2009	0:00 - 4:00	4.00	DRLPRO	02	D	P		DRILL 9600-9645=45=11.2 WOB 22/26 / RPM TD 30-50 MTR 76 / SPM 105 GPM 472 / SPP ON/OFF 2500/2400 TQ ON/OFF 16/15 / PU/SO/ROT 255/150/183 MW 11.5 VIS 42
	4:00 - 5:00	1.00	DRLPRO	05	B	P		CIRC & COND HOLE F/ BIT TRIP RAISE MW TO 11.7 TO CONTROL GAS.
	5:00 - 5:30	0.50	DRLPRO	10	B	P		DROP MULTI SHOT SURVEY TOOL
	5:30 - 10:00	4.50	DRLPRO	06	A	P		TRIP F/ BIT, FLOW CHECK @ CSG SHOE, PULL ROTA RUBBER, TOH, (HOLE GOOD)
	10:00 - 14:00	4.00	DRLPRO	06	A	P		CHANGE BITS, FUNCT TEST BOP'S, TIH, BREAK CIRC @ 2800' & 6200', CIH TO 9306, CLEAN OUT TIGHT SPOT 9306-9308, CIH TO 9565'
	14:00 - 14:30	0.50	DRLPRO	03	D	P		W & R F/9565 TO 9645 3' FILL/ LOST 20 BBLS MUD ON TRIP , TRIP GAS 8185 U
	14:30 - 15:30	1.00	DRLPRO	02	D	P		DRILL 9645-9677=32=32 WOB 16/18 / RPM TD 40 MTR 76 / SPM 105 GPM 472 / SPP ON/OFF 2500/2300 TQ ON/OFF 14/12 / PU/SO/ROT 260/150/190 MW 117 VIS 44
	15:30 - 16:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:00 - 0:00	8.00	DRLPRO	02	D	P		DRILL 9677-9985=308=38.5 WOB 18/21 / RPM TD 40 MTR 76 / SPM 100 GPM 450 / SPP ON/OFF 2600/2490 TQ ON/OFF 16/15 / PU/SO/ROT 290/150/196 MW 11.8 VIS 46 LCM 5%
	8/18/2009	0:00 - 5:30	5.50	DRLPRO	02	D	P	
	5:30 - 7:00	1.50	DRLIN1	05	C	P		CIRC & COND HOLE F/ E-LOGS, PUMP SWEEP
	7:00 - 7:30	0.50	DRLPRO	10	B	P		DROP MULTI SHOT SURVEY TOOL
	7:30 - 12:00	4.50	DRLPRO	06	B	P		TOH F/ LOGS, (315K STRAIGHT PULL OFF BTM) FLOW CHECK @ CSG SHOE, PULL ROTA RUBBER, TOH BREAK BIT L/D MONEL DC & M MTR, PULL WEAR BUSHING
	12:00 - 18:30	6.50	DRLPRO	11	G	P		HSM RU HALLIBURTON RUN TRIPLE COMBO LOG OUT FROM 10,201' TO SURFACE, RDMO CHANGE OUT BAILS, RU LD TRUCK, & CASING EQUIP
	18:30 - 20:00	1.50	DRLPRO	12	A	P		
	20:00 - 0:00	4.00	DRLPRO	12	C	P		HSM/ RUN 8 JTS P-110 #11.6 LT&C 4.5 CASING + 1 XO JT I-80 11.6# FROM LTC TO BTC, 140 JTS I-80 #11.6 BTC 4.5 CASING, CURRENTLY RUNNING CSG @ 1420'

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DEC 21 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED)	Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
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: 8/19/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)	UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/19/2009	0:00 - 3:00	3.00	DRLPRO	12	C	P		HSM/ RUN 8 JTS P-110 #11.6 LT&C 4.5 CASING + 1 XO JT I-80 11.6# FROM LTC TO BTC,234 JTS I-80 #11.6 BTC 4.5 CASING + RELATED TOOLS / BREAKING CIRCULATION @ SELECTED INTERVALS/ INSTALL SOLID MANDREL / HOLD CASING UP @ 10,180' FOR CEMENT JOB.
	3:00 - 4:30	1.50	DRLPRO	05	D	P		RU CIRC CSG, RU BJ,HSM BTM UP GAS 9024 U NO FLARE
	4:30 - 7:30	3.00	DRLPRO	12	E	P) TEST PUMPS & LINES TO 4500k PSI / PUMP 40 BBLs H2O + 692 SX LEAD CEMENT @ 11.9 ppg (PREM LITE II + .05lbs/sx STATIC FREE +0.6%R-3+ .25 pps CELLOFLAKE + 5 pps KOL SEAL + 8% bwoc BENTONITE + .2% bwoc SODIUM METASILICATE + 126.2% FRESH WATER / (13.16 gal/sx, 236 yield) + 1371 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/ 157 BBLs H2O + ADDITIVES / - LOST RETURNS @ 130 BBLs IN DISPLACEMENT W/ 20 BBLs WATER SPACER TO PIT LIFT PRESSURE @ 2700 PSI (CALC TOP OF TAIL @ 3880') / BUMP PLUG W/ 3200 PSI - HOLD 5 MINUTES W/ NO LOSS / PLUG DOWN @ 07:17 HOURS / FLOATS HELD W/ 1.50 BBLs BACK TO INVENTORY / R.D.M.O. CEMENT EQUIPMENT
	7:30 - 8:00	0.50	DRLPRO	12	B	P		R.D.M.O. B.J. EQUIPMENT
	8:00 - 8:30	0.50	DRLPRO	12	C	P		LAND MANDREL / BACK OUT & LAY DOWN LANDING JOINT
	8:30 - 9:00	0.50	DRLPRO	14	A	P		CLEAN B.O.P.E. / NIPPLE DOWN TO SKID / RIG RELEASED @ 09:00 HRS 08/19/2009

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DIV. OF OIL, GAS & MINING

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 11/9/2009 End Date: 11/24/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/9/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. SIM OPS
	7:30 - 18:00	10.50	COMP	36	B	P		MIRU CUTTERS WL & SCHLUMBERGER FRAC SERV. STG 1)PU 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH PERF F/ 10080'-82', 4 SPF, 8 HOLES. 10070'-72', 4 SPF, 8 HOLES. 10032'-36', 3 SPF, 12 HOLES. 9968'-70', 3 SPF, 6 HOLES. 9960'-62', 3 SPF, 6 HOLES. POOH. WHP 327 PSI, BRK 4358 PSI @ 6.4 BPM. ISIP 3196 PSI, FG .75. PUMP 100 BBLS @ 49.6 BPM @ 5730 PSI = 100% HOLES OPEN. MP 6504 PSI, MR 50.8 BPM, AP 5092 PSI, AR 40.7 BPM, ISIP 2967 PSI, FG .73, NPI -229 PSI. PMP 858 BBLS SW & 19,360 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 24,360 LBS, 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 @ 9806' P/U PERF F/ 9774'-76', 4 SPF, 8 HOLES. 9716'-20', 3 SPF, 12 HOLES. 9684'-86', 3 SPF, 6 HOLES. 9596'-98', 3 SPF, 6 HOLES. 9548'-50', 4 SPF, 8 HOLES. POOH.

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DIV. OF OIL, GAS & MINING**

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 11/9/2009 End Date: 11/24/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
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11/10/2009	7:00 - 17:00	10.00	COMP	36	B	P		STG 2)WHP 1873 PSI, BRK 3687 PSI @ 6.4 BPM. ISIP 2690 PSI, FG .71. PUMP 100 BBLs @ 50.5 BPM @ 5050 PSI = 100% HOLES OPEN. AFTER GOING T/ FLUSH, LACKED 65 BBLs T/ FINISH FLUSH. SCEAN OUT. SD OPEN WELL T/ PIT. FLOW WELL BACK FOR 15 MIN. SD REFLUSH WELL. PMP 2765 BBLs SW & 103,646 LBS OF 30/50 SND & NO 20/40 RESIN SND DUE T/ SCREAM OUT. TOTAL PROP 103,646 LBS,
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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 @ 9512' P/U PERF F/ 9478'-82', 4 SPF, 16 HOLES. 9404'-06', 3 SPF, 6 HOLES. 9340'-42', 4 SPF, 8 HOLES. 9270'-74', 3 SPF, 12 HOLES. POOH.
 WHP 450 PSI, BRK 4429 PSI @ 6.4 BPM. ISIP 3115 PSI, FG .76.
 PUMP 100 BBLs @ 50.6 BPM @ 5242 PSI = 100% HOLES OPEN.
 MP 6171 PSI, MR 50.7 BPM, AP 4613 PSI, AR 43.1 BPM, ISIP 2320 PSI, FG .68, NPI -795 PSI.
 PMP 815 BBLs SW & 24,730 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 29,730 LBS,

STG 4)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE, 90 & 120 DEG PHASING. RIH SET CBP @ 9230' P/U PERF F/ 9192'-00', 3 SPF, 24 HOLES. 9082'-84', 4 SPF, 8 HOLES. 9020'-24', 3 SPF, 12 HOLES. POOH.
 WHP 0000 PSI, BRK 0000 PSI @ 6.4 BPM. ISIP 0000 PSI, FG .00.
 PUMP 100 BBLs @ 50.6 BPM @ 4840 PSI = 78% HOLES OPEN.
 MP 5436 PSI, MR 50.8 BPM, AP 4202 PSI, AR 44.3 BPM, ISIP 2477 PSI, FG .70, NPI 452 PSI.
 PMP 1142 BBLs SW & 39,941 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 44,941 LBS,

STG 5)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE, 90 & 120 DEG PHASING. RIH SET CBP @ 8962' P/U PERF F/ 8930'-32', 4 SPF, 8 HOLES. 8906'-10', 3 SPF, 12 HOLES. 8850'-52', 4 SPF, 8 HOLES. 8842'-44', 3 SPF, 6 HOLES. 8778'-80', 3 SPF, 6 HOLES. POOH.
 WHP 1846 PSI, BRK 3245 PSI @ 6.4 BPM. ISIP 2350 PSI, FG .70.
 PUMP 100 BBLs @ 46 BPM @ 4600 PSI = 89% HOLES OPEN.

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US ROCKIES REGION

Operation Summary Report

Well: NBU 922-18C4BS (RED)		Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
Project: UTAH-UINTAH		Site: NBU 922-18E PAD	Rig Name No:
Event: COMPLETION		Start Date: 11/9/2009	End Date: 11/24/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/11/2009	7:00 - 17:00	10.00	COMP	36	B	P		<p>MP 0000 PSI, MR 00 BPM, AP 0000 PSI, AR 00.0 BPM, ISIP 0000 PSI, FG .00, NPI 000 PSI. PMP 712 BBLS SW & 20,289 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 25,289 LBS, SWI. SDFN.</p> <p>STG 6)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8710' P/U PERF F/ 8678'-80', 4 SPF, 8 HOLES. 8650'-54', 3 SPF, 12 HOLES. 8594'-00', 3 SPF, 18 HOLES. POOH.</p> <p>WHP 730 PSI, BRK 3600 PSI @ 6.4 BPM. ISIP 1813 PSI, FG .64. PUMP 100 BBLS @ 51.5 BPM @ 4800 PSI = 80% HOLES OPEN. MP 5698 PSI, MR 51.7 BPM, AP 4443 PSI, AR 47.8 BPM, ISIP 2716 PSI, FG .74, NPI 903 PSI. PMP 1358 BBLS SW & 50,680 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 55,680 LBS,</p> <p>STG 7)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 120 DEG PHASING. RIH SET CBP @ 8456' P/U PERF F/ 8422'-26', 3 SPF, 12 HOLES. 8298'-02', 3 SPF, 12 HOLES. 8224'-30', 3 SPF, 18 HOLES. POOH.</p> <p>WHP 822 PSI, BRK 2948 PSI @ 6.4 BPM. ISIP 1568 PSI, FG .62. PUMP 100 BBLS @ 51.5 BPM @ 4400 PSI = 75% HOLES OPEN. MP 5380 PSI, MR 51.9 BPM, AP 4005 PSI, AR 48.3 BPM, ISIP 2487 PSI, FG .73, NPI 919 PSI. PMP 2212 BBLS SW & 85,236 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 90,236 LBS,</p> <p>STG 8)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 8126' P/U PERF F/ 8094'-96', 4 SPF, 8 HOLES. 8014'-22', 4 SPF, 32 HOLES. POOH.</p> <p>WHP 265 PSI, BRK 3031 PSI @ 6.4 BPM. ISIP 1841 PSI, FG .66. PUMP 100 BBLS @ 51.5 BPM @ 4549 PSI = 82% HOLES OPEN. MP 4862 PSI, MR 51.1 BPM, AP 4118 PSI, AR 44.5 BPM, ISIP 2800 PSI, FG .78, NPI 959 PSI. PMP 826 BBLS SW & 31,260 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 36,260 LBS,</p> <p>PU 4 1/2 8K HAL CBP. RIH SET KILL PLUG @ 7964'. POOH. SWI. RDMO CUTTERS WL & SCHLUMBERGER FRAC SERV.</p>

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DEC 21 2009
 DIV. OF OIL, GAS & MINING

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS (RED) Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No:
 Event: COMPLETION Start Date: 11/9/2009 End Date: 11/24/2009
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/18/2009	11:00 - 18:00	7.00	COMP	31	I	P		MOVE OVER FROM 18C4CS AND RUSU. ND FRAC VALVES. NU BOP. RU FLOOR AND TBG EQUIP. SPOT IN TBG. MU 3-7/8" HURRICANE MILL, POBS, 1.87" XN AND RIH AS MEAS AND PU 224-JTS 2-3/8" L-80 TBG. SDFN
11/19/2009	6:45 - 7:00	0.25	COMP	48		P		JSA- PMP AND PRESSURES.
	7:00 - 17:30	10.50	COMP	44	C	P		OEPN UP WELL. CONT RIH AS PU TBG. TAG SAND AT 7921' W/ #249. RU DRLG EQUIP. FILL HOLE AND P-TEST TO 3000 PSI. GOOD. D/O PLUGS. #1- C/O 43' SAND TO CBP AT 7964'. D/O IN 5 MIN. 50# INC. RIH. #2- C/O 33' SAND TO CBP AT 8126'. D/O IN 5 MIN. 50# INC. RIH. #3- C/O 31' SAND TO CBP AT 8456'. D/O IN 8 MIN. 150# INC. RIH. #4- C/O 28' SAND TO CBP AT 8710'. D/O IN 5 MIN. 150# INC. RIH. #5- C/O 25' SAND TO CBP AT 8962'. D/O IN 8 MIN. 100# INC. RIH. #6- C/O 31' SAND TO CBP AT 9230'. D/O IN 8 MIN. 100# INC. RIH. #7- C/O 22' SAND TO CBP AT 9512'. D/O IN 5 MIN. 150# INC. RIH. #8- C/O 32' SAND TO CBP AT 9806'. D/O IN 5 MIN. 50# INC. RIH PBTD- C/O 54' SAND TO PBTD AT 10,136' W/ 318-JTS IN (54' RATHOLE) CIRC CLEAN. RD PWR SWIVEL. POOH AS LD 20-JTS TBG. PU 7-1/16" 5K CAMERON HANGER. LUB IN AND LAND 298-JTS W/ EOT AT 9515.25'. DROP BALL. RD FLOOR. ND BOP. NU WH. PMP DOWN TBG AND RELEASE POBS AT 1500 PSI. SHUT WELL IN FOR 30 MIN. RDSU. TURN WELL OVER TO FLOW BACK CREW. SDFN TBG DETAIL KB 26.00 330 JTS DELIVERED 7-1/16" 5K HANGER 1.00 JTS RETURNED 298-JTS 2-3" L-80 TBG 9486.05 10688 BBL PMP 1.87" XN (FE) 2.20 BBL RCVR EOT 9515.25 BBL LTR
11/20/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2700#, TP 1725#, 20/64" CK, 48 BWPH, MEDIUM SAND, LIGHT GAS TTL BBLS RECOVERED: 3010 BBLS LEFT TO RECOVER: 7678
11/21/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2950#, TP 1725#, 20/64" CK, 36 BWPH, MEDIUM SAND, LIGHT GAS TTL BBLS RECOVERED: 4002 BBLS LEFT TO RECOVER: 6686
	9:00 -		PROD	50				WELL TURNED TO SALE @ 0900 HR ON 11/21/09 - FTP 1725#, CP 2950#, 1.8 MCFD, 36 BWPD, 20/64 CK
11/22/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2750#, TP 1675#, 20/64" CK, 28 BWPH, MEDIUM SAND, 2028 GAS TTL BBLS RECOVERED: 4750 BBLS LEFT TO RECOVER: 5938

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Operation Summary Report

Well: NBU 922-18C4BS (RED)		Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
Project: UTAH-UINTAH		Site: NBU 922-18E PAD	Rig Name No:
Event: COMPLETION		Start Date: 11/9/2009	End Date: 11/24/2009
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/23/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2550#, TP 1575#, 20/64" CK, 22 BWPH, TRACE SAND, 2063 GAS TTL BBLS RECOVERED: 5354 BBLS LEFT TO RECOVER: 5334
11/24/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2450#, TP 1525#, 20/64" CK, 16 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 5868 BBLS LEFT TO RECOVER: 4820
	7:00 -			33	A			7 AM FLBK REPORT: CP 2450#, TP 1525#, 20/64" CK, 16 BWPH, TRACE SAND, 2317 GAS TTL BBLS RECOVERED: 5820 BBLS LEFT TO RECOVER: 4868
12/1/2009	7:00 -		PROD	50				WELL IP'D 12/1/09 - 2237 MCFD, 0 BOPD, 24 BWPD, CP 1872#, FTP 1299#, CK 20/64", LP 130#, 24 HRS

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US ROCKIES REGION

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	NBU 922-18C4BS (RED)	Wellbore No.	OH
Well Name	NBU 922-18C4BS	Common Name	NBU 922-18C4BS
Project	UTAH-UJINTAH	Site	NBU 922-18E PAD
Vertical Section Azimuth	52.11 (°)	North Reference	True
Origin N/S		Origin E/W	
Spud Date	6/11/2009	UWI	SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0
Active Datum	RKB @4,920.00ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	WEATHERFORD
Started	6/11/2009	Ended	
Tool Name	MWD	Engineer	Anadarko

2.1.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
15.00	0.00	0.00	15.00	0.00	0.00

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
6/11/2009	Tie On	15.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11/2009	NORMAL	118.00	1.31	59.16	117.99	0.60	1.01	1.17	1.27	1.27	0.00	59.16
	NORMAL	148.00	1.31	80.81	147.98	0.83	1.64	1.81	1.64	0.00	72.17	100.82
	NORMAL	179.00	1.48	73.85	178.97	1.00	2.38	2.49	0.77	0.55	-22.45	-48.42
	NORMAL	270.00	2.69	60.99	269.91	2.36	5.37	5.69	1.42	1.33	-14.13	-27.65
	NORMAL	364.00	4.69	54.74	363.71	5.65	10.44	11.71	2.17	2.13	-6.65	-14.50
6/12/2009	NORMAL	458.00	5.50	48.49	457.34	10.86	16.95	20.05	1.04	0.86	-6.65	-37.56
	NORMAL	552.00	6.69	48.99	550.81	17.44	24.46	30.01	1.27	1.27	0.53	2.80
	NORMAL	647.00	8.44	48.24	644.98	25.71	33.84	42.49	1.84	1.84	-0.79	-3.60
	NORMAL	740.00	9.88	48.86	736.79	35.51	44.94	57.27	1.55	1.55	0.67	4.23
	NORMAL	833.00	11.44	51.36	828.18	46.52	58.15	74.46	1.75	1.68	2.69	17.74
	NORMAL	926.00	12.88	51.24	919.09	58.76	73.44	94.05	1.55	1.55	-0.13	-1.06
	NORMAL	1,015.00	13.94	51.61	1,005.67	71.63	89.58	114.68	1.19	1.19	0.42	4.81
	NORMAL	1,108.00	14.61	50.76	1,095.79	86.01	107.44	137.61	0.75	0.72	-0.91	-17.78
6/13/2009	NORMAL	1,201.00	15.00	52.49	1,185.71	100.76	126.07	161.37	0.63	0.42	1.86	49.42
	NORMAL	1,294.00	15.63	52.36	1,275.40	115.74	145.54	185.94	0.68	0.68	-0.14	-3.18
	NORMAL	1,387.00	15.69	52.74	1,364.95	131.00	165.47	211.04	0.13	0.06	0.41	59.86
	NORMAL	1,480.00	15.75	51.61	1,454.47	146.45	185.37	236.23	0.34	0.06	-1.22	-79.46
6/14/2009	NORMAL	1,573.00	16.00	51.61	1,543.93	162.25	205.31	261.67	0.27	0.27	0.00	0.00
	NORMAL	1,666.00	15.56	51.99	1,633.42	177.89	225.18	286.96	0.49	-0.47	0.41	166.97

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2.1.2 Survey Stations (Continued)

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
6/14/2009	NORMAL	1,759.00	15.94	52.74	1,722.93	193.30	245.17	312.21	0.46	0.41	0.81	28.54
	NORMAL	1,852.00	16.13	50.86	1,812.31	209.19	265.36	337.89	0.59	0.20	-2.02	-70.81
6/15/2009	NORMAL	1,947.00	16.50	52.24	1,903.49	225.78	286.26	364.58	0.56	0.39	1.45	47.00
	NORMAL	2,037.00	16.75	51.11	1,989.72	241.75	306.46	390.32	0.45	0.28	-1.26	-52.83
	NORMAL	2,131.00	16.88	51.11	2,079.71	258.82	327.62	417.51	0.14	0.14	0.00	0.00
	NORMAL	2,225.00	16.36	52.71	2,169.78	275.41	348.78	444.40	0.74	-0.55	1.70	139.41
	NORMAL	2,319.00	16.31	53.49	2,259.98	291.28	369.92	470.83	0.24	-0.05	0.83	103.21
	NORMAL	2,412.00	16.44	51.49	2,349.21	307.25	390.71	497.04	0.62	0.14	-2.15	-77.98
6/16/2009	NORMAL	2,505.00	15.56	49.74	2,438.61	323.50	410.53	522.67	1.08	-0.95	-1.88	-152.11
	NORMAL	2,600.00	14.81	51.36	2,530.29	339.32	429.74	547.54	0.91	-0.79	1.71	151.28
	NORMAL	2,693.00	14.06	49.86	2,620.36	354.02	447.66	570.71	0.90	-0.81	-1.61	-154.23
	NORMAL	2,770.00	13.27	47.49	2,695.18	366.03	461.32	588.87	1.26	-1.03	-3.08	-145.82

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	WEATHERFORD
Started	8/11/2009	Ended	
Tool Name	MWD	Engineer	ROBERT

2.2.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
2,770.00	13.27	47.49	2,695.18	366.03	461.32

2.2.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
8/11/2009	Tie On	2,770.00	13.27	47.49	2,695.18	366.03	461.32	588.87	0.00	0.00	0.00	0.00
8/11/2009	NORMAL	2,859.00	13.73	45.77	2,781.72	380.30	476.42	609.54	0.69	0.52	-1.93	-41.96
	NORMAL	2,959.00	14.68	45.21	2,878.66	397.50	493.92	633.92	0.96	0.95	-0.56	-8.50
	NORMAL	3,050.00	15.93	45.13	2,966.43	414.43	510.95	657.76	1.37	1.37	-0.09	-1.01
	NORMAL	3,142.00	15.99	47.60	3,054.88	431.89	529.26	682.93	0.74	0.07	2.68	86.14
	NORMAL	3,236.00	16.05	50.68	3,145.24	448.85	548.87	708.82	0.91	0.06	3.28	87.44
	NORMAL	3,330.00	15.87	48.86	3,235.61	465.54	568.60	734.65	0.57	-0.19	-1.94	-110.66
	NORMAL	3,425.00	15.93	45.47	3,326.98	483.23	587.68	760.57	0.98	0.06	-3.57	-87.93
	NORMAL	3,520.00	16.08	45.12	3,418.30	501.66	606.30	786.57	0.19	0.16	-0.37	-32.92
	NORMAL	3,615.00	16.01	52.14	3,509.61	518.98	625.96	812.74	2.04	-0.07	7.39	95.44
	NORMAL	3,710.00	16.06	55.75	3,600.91	534.42	647.17	838.95	1.05	0.05	3.80	88.87
	NORMAL	3,899.00	15.90	47.05	3,782.64	566.78	687.73	890.84	1.27	-0.08	-4.60	-98.00
8/12/2009	NORMAL	4,088.00	16.11	49.36	3,964.31	601.49	726.58	942.82	0.35	0.11	1.22	72.86
	NORMAL	4,183.00	15.69	53.83	4,055.68	617.66	746.95	968.82	1.36	-0.44	4.71	111.07
	NORMAL	4,278.00	16.37	56.18	4,146.99	632.69	768.45	995.02	0.99	0.72	2.47	44.79
	NORMAL	4,373.00	15.67	56.50	4,238.30	647.23	790.27	1,021.16	0.74	-0.74	0.34	172.96
	NORMAL	4,468.00	15.55	56.14	4,329.79	661.40	811.54	1,046.66	0.16	-0.13	-0.38	-141.26
	NORMAL	4,563.00	15.38	55.23	4,421.35	675.68	832.46	1,071.94	0.31	-0.18	-0.96	-125.45
	NORMAL	4,658.00	15.60	54.89	4,512.90	690.21	853.26	1,097.28	0.25	0.23	-0.36	-22.59
	NORMAL	4,752.00	15.95	55.38	4,603.36	704.82	874.23	1,122.80	0.40	0.37	0.52	21.07
	NORMAL	4,847.00	16.73	51.95	4,694.53	720.66	895.74	1,149.50	1.31	0.82	-3.61	-52.71
	NORMAL	4,942.00	15.49	49.69	4,785.79	737.30	916.18	1,175.85	1.46	-1.31	-2.38	-154.25
	NORMAL	5,036.00	15.61	48.28	4,876.35	753.84	935.19	1,201.01	0.42	0.13	-1.50	-73.07
	NORMAL	5,130.00	15.82	49.06	4,966.84	770.65	954.31	1,226.43	0.32	0.22	0.83	45.55
	NORMAL	5,225.00	16.16	51.48	5,058.17	787.37	974.44	1,252.58	0.79	0.36	2.55	64.14
	NORMAL	5,319.00	16.23	54.24	5,148.44	803.19	995.33	1,278.78	0.82	0.07	2.94	86.13
	NORMAL	5,414.00	16.04	58.71	5,239.70	817.77	1,017.32	1,305.09	1.32	-0.20	4.71	100.84

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2.2.2 Survey Stations (Continued)

DIV. OF OIL, GAS & MINING

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
8/12/2009	NORMAL	5,509.00	15.50	64.88	5,331.13	829.97	1,040.03	1,330.51	1.85	-0.57	6.49	110.80
	NORMAL	5,603.00	16.04	65.97	5,421.59	840.59	1,063.27	1,355.37	0.66	0.57	1.16	29.27
	NORMAL	5,698.00	16.58	63.20	5,512.77	852.05	1,087.35	1,381.41	1.00	0.57	-2.92	-56.57
	NORMAL	5,792.00	16.90	61.05	5,602.79	864.71	1,111.28	1,408.07	0.74	0.34	-2.29	-63.70
	NORMAL	5,887.00	15.43	58.71	5,694.03	877.96	1,134.16	1,434.27	1.69	-1.55	-2.46	-157.22
	NORMAL	5,982.00	17.38	53.12	5,785.16	893.04	1,156.32	1,461.01	2.64	2.05	-5.88	-41.70
	NORMAL	6,076.00	15.77	54.57	5,875.25	908.87	1,177.95	1,487.81	1.77	-1.71	1.54	166.28
	NORMAL	6,171.00	15.93	58.31	5,966.64	923.20	1,199.57	1,513.67	1.09	0.17	3.94	82.90
	NORMAL	6,266.00	15.89	57.28	6,058.01	937.08	1,221.60	1,539.58	0.30	-0.04	-1.08	-98.56
	NORMAL	6,360.00	16.67	55.96	6,148.24	951.58	1,243.60	1,565.85	0.92	0.83	-1.40	-26.01
8/13/2009	NORMAL	6,455.00	15.98	50.86	6,239.41	967.47	1,265.04	1,592.52	1.67	-0.73	-5.37	-118.14
	NORMAL	6,550.00	16.21	50.08	6,330.69	984.23	1,285.35	1,618.85	0.33	0.24	-0.82	-43.61
	NORMAL	6,645.00	16.37	48.11	6,421.87	1,001.68	1,305.48	1,645.46	0.61	0.17	-2.07	-74.80
	NORMAL	6,739.00	15.81	45.06	6,512.19	1,019.57	1,324.41	1,671.38	1.08	-0.60	-3.24	-124.98
	NORMAL	6,834.00	16.08	48.44	6,603.54	1,037.44	1,343.41	1,697.35	1.02	0.28	3.56	75.42
	NORMAL	6,929.00	15.79	46.73	6,694.89	1,055.03	1,362.67	1,723.35	0.58	-0.31	-1.80	-122.52
	NORMAL	7,024.00	15.92	43.50	6,786.28	1,073.34	1,381.05	1,749.10	0.94	0.14	-3.40	-83.18
	NORMAL	7,119.00	15.26	48.54	6,877.79	1,091.07	1,399.39	1,774.46	1.59	-0.69	5.31	118.39
	NORMAL	7,214.00	14.00	48.39	6,969.70	1,106.98	1,417.35	1,798.41	1.33	-1.33	-0.16	-178.35
	NORMAL	7,309.00	12.02	41.60	7,062.27	1,122.01	1,432.51	1,819.60	2.63	-2.08	-7.15	-145.61
8/14/2009	NORMAL	7,403.00	9.11	36.71	7,154.66	1,135.29	1,443.46	1,836.41	3.24	-3.10	-5.20	-165.27
	NORMAL	7,498.00	7.25	39.50	7,248.69	1,145.95	1,451.77	1,849.51	2.00	-1.96	2.94	169.33
	NORMAL	7,593.00	5.65	47.00	7,343.09	1,153.77	1,459.01	1,860.02	1.90	-1.68	7.89	155.92
	NORMAL	7,688.00	3.23	44.00	7,437.80	1,158.88	1,464.29	1,867.33	2.56	-2.55	-3.16	-176.01
	NORMAL	7,783.00	4.23	72.52	7,532.60	1,161.86	1,469.49	1,873.26	2.19	1.05	30.02	76.41
	NORMAL	7,877.00	2.71	34.10	7,626.44	1,164.74	1,474.04	1,878.62	2.87	-1.62	-40.87	-141.35
	NORMAL	7,971.00	0.78	169.82	7,720.41	1,165.95	1,475.40	1,880.44	3.52	-2.05	144.38	170.54
	NORMAL	8,066.00	0.06	176.65	7,815.41	1,165.27	1,475.52	1,880.11	0.76	-0.76	7.19	179.43
	NORMAL	8,160.00	0.20	150.00	7,909.41	1,165.07	1,475.60	1,880.06	0.16	0.15	-28.35	-37.07
	NORMAL	8,254.00	0.09	12.57	8,003.41	1,165.00	1,475.70	1,880.09	0.29	-0.12	-146.20	-167.12
8/17/2009	NORMAL	8,349.00	0.33	244.81	8,098.41	1,164.96	1,475.47	1,879.88	0.41	0.25	-134.48	-138.23
	NORMAL	8,443.00	0.18	37.61	8,192.41	1,164.96	1,475.31	1,879.76	0.53	-0.16	162.55	170.47
	NORMAL	8,538.00	0.18	25.62	8,287.41	1,165.22	1,475.47	1,880.04	0.04	0.00	-12.62	-95.99
	NORMAL	8,633.00	0.19	141.42	8,382.41	1,165.23	1,475.63	1,880.18	0.33	0.01	121.89	146.93
	NORMAL	9,610.00	2.60	65.10	9,359.06	1,173.29	1,496.75	1,901.79	0.26	0.25	-7.81	-80.45
	NORMAL	10,195.00	2.90	150.80	9,943.59	1,165.96	1,516.01	1,912.49	0.64	0.05	14.65	129.45

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 922-18C4BS
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398360000
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: 1898 FNL 0395 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/5/2010	<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 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Lease Number"/>

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

The operator requests that the lease number for this well be changed. The correct lease number for this well is UTU-461. Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 09, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 8/5/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-461
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 922-18C4BS
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398360000
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: 1898 FNL 0395 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/5/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

-----Cause No. 173-14 - DKD

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

Date: August 12, 2010
By: *Derek Duff*

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 8/3/2010

Greater Natural Buttes Unit



NBU 922-18C4BS
RE-COMPLETIONS PROCEDURE

DATE:7/23/2010
AFE#:2047243

COMPLETIONS ENGINEER: Conner Staley, Denver, CO
(720)-929-6419 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

RECEIVED August 03, 2010

Name: NBU 922-18C4BS
Location: NW SE NE NW Sec. 18 T9S R22E
Uintah County, UT
Date: 7/23/10

ELEVATIONS: 4894 GL 4920 KB

TOTAL DEPTH: 10195 **PBTD:** 10136
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2800'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 10182'
 Marker Joint **5104-5125'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1856' Green River
 2132' Birds Nest
 2485' Mahogany
 5103' Wasatch
 7790' Mesaverde
 10195' Bottom of Mesaverde (TD)

CBL indicates good cement below 300'

GENERAL:

- A minimum of **17** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 8/18/09
- **4** fracturing stages required for coverage.
- Procedure calls for **5** CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gal/1000 during pad and sand ramp up to 1.25 ppg. Pump at 10 gal/1000 during flush.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **7000** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- **Call flush at 0 PPG @ inline densiometers. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump a **curable resin coated sand (such as SLC)** last 5,000# of all frac stages
- Tubing Currently Landed @~9500
- Originally completed on 11/5/09

Existing Perforations:

Zone	Perfs		SPF	Holes
	Top, ft.	Bot., ft		
MESAVERDE	8014	8022	4	32
MESAVERDE	8094	8096	4	8
MESAVERDE	8224	8230	3	18
MESAVERDE	8298	8302	3	12
MESAVERDE	8422	8426	3	12
MESAVERDE	8594	8600	3	18
MESAVERDE	8650	8654	3	12
MESAVERDE	8678	8680	4	8
MESAVERDE	8778	8780	3	6
MESAVERDE	8842	8844	3	6
MESAVERDE	8850	8852	4	8
MESAVERDE	8906	8910	3	12
MESAVERDE	8930	8932	4	8
MESAVERDE	9020	9024	3	12
MESAVERDE	9082	9084	4	8
MESAVERDE	9192	9200	3	24
MESAVERDE	9270	9274	3	12
MESAVERDE	9340	9342	4	8
MESAVERDE	9404	9406	3	6
MESAVERDE	9478	9482	4	16
MESAVERDE	9548	9550	4	8
MESAVERDE	9596	9598	3	6
MESAVERDE	9684	9686	3	6
MESAVERDE	9716	9720	3	12
MESAVERDE	9774	9776	4	8
MESAVERDE	9960	9962	3	6
MESAVERDE	9968	9970	3	6
MESAVERDE	10032	10036	3	12
MESAVERDE	10070	10072	4	8
MESAVERDE	10080	10082	4	8

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~9500'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7844 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7844 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7794'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7706	7712	3	18
WASATCH	7760	7764	4	16
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7706' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~7252'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7115	7117	3	6
WASATCH	7164	7168	3	12
WASATCH	7216	7222	3	18
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~7115' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~6962'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6736	6740	3	12
WASATCH	6826	6830	3	12
WASATCH	6928	6932	4	16
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6736' trickle 250gal 15%HCL w/ scale inhibitor in flush.
11. Set 8000 psi CBP at ~5986'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5792	5798	4	24
WASATCH	5952	5956	4	16
12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5792' flush only with recycled water.
13. Set 8000 psi CBP at~5742'.

14. TIH with 3 7/8" mill, pump off sub, SN and tubing.
15. Mill ALL plugs and clean out to PBTD at 10136. Land tubing at $\pm 9500'$ pump off bit and bit sub. This well WILL be commingled at this time.
16. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.
17. RDMO

**For design questions, please call
Conner Staley, Denver, CO
(720)-929-6419 (Office)**

**For field implementation questions, please call
Jeff Samuels Vernal, UT
435-781-9770 (Office)**

NOTES:

Name NBU 922-18C4BS
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	7706	7712	3	18	7703.5	to	7717
	WASATCH	7760	7764	4	16	7757.5	to	7764.5
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage					Look		
					34	CBP DEPTH	7,252	
2	WASATCH	7115	7117	3	6	7108	to	7120
	WASATCH	7164	7168	3	12	7158	to	7174
	WASATCH	7216	7222	3	18	7206	to	7229
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
# of Perfs/stage					Look			
					36	CBP DEPTH	6,962	
3	WASATCH	6736	6740	3	12	6734	to	6740.5
	WASATCH	6826	6830	3	12	6818.5	to	6835
	WASATCH	6928	6932	4	16	6925.5	to	6934
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
# of Perfs/stage					Look			
					40	CBP DEPTH	5,986	
4	WASATCH	5792	5798	4	24	5781.5	to	5814.5
	WASATCH	5952	5956	4	16	5934	to	5960
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
# of Perfs/stage					40	CBP DEPTH	5,742	
Totals					150			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-461
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 922-18C4BS
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398360000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1898 FNL 0395 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/28/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Wellhead Repair"/>

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

The operator requests approval to conduct wellhead/casing repair operations on the subject well location. Please find the attached procedure for the proposed repair work on the subject well location.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 07/11/2011

By: *Derek Quist*

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 6/28/2011	

WORKORDER #:

Name: NBU 922-18C4BS - [922-18E PAD] 6/16/2011
 Surface Location: SWNW Sec. 18, T9S, R22E
 Uintah County, UT

API: 4304739836 LEASE#: UTU-461

ELEVATIONS: 4894' GL 4920' KB

TOTAL DEPTH: 10,195' PBD: 10,136'

SURFACE CASING: 9 5/8", 36# J-55 @ 2810'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 @ 10,186'
 TOC @ Surface per CBL

PERFORATIONS: Mesaverde 8014' - 10,082'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01

GEOLOGICAL TOPS:

1856' Green River
 2485' Mahogany
 5304' Wasatch
 8094' Mesaverde

NBU 922-18C4BS- WELLHEAD REPAIR PROCEDURE

PREP-WORK PRIOR TO MIRU:

1. Dig out down to the 2" surface casing valve or to the valve on the riser off the surface casing.
2. Install a tee with 2 valves, with a pressure gauge and sensor on one valve.
3. Open casing valve and record pressures.
4. Install nipple and steel hose on the other valve, the relief valve,. Do not use hammer unions. No impact equipment or tools to be used for any of this installation. Extend hose and hard piping to a downwind location at least 100' from the wellhead. Consider installing a manifold so that vent area could be in two locations approx. 90 degrees apart from the wellhead.
5. Open the relief valve and blow well down to the atmosphere.
6. Make a determination of amount of gas flow, either by installation of a choke nipple, bucket test or other.
7. Shut well in. Observe for rate of build-up by utilizing sensor data. Do not build-up for more than 24 hours. Vent gas through the vent line and leave open to the atmosphere.

WORKOVER PROCEDURE:

1. MIRU workover rig.
2. Kill well with 10# brine / KCL (dictated by well pressure).
3. Remove tree, install double BOP with blind and 2 3/8" pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.
4. POOH w/ tubing laying down extra tubing.
5. Rig up wireline service. RIH and set CBP @ ~7964'. Dump bail 4 sx cement on top of plug. POOH and RD wireline service. TIH w/ tubing and seating nipple. Land tubing ±60' above cement. RDMO.
6. Monitor well pressures. If surface casing is dead. MIRU. ND WH and NU BOP. POOH w/ tubing.
7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

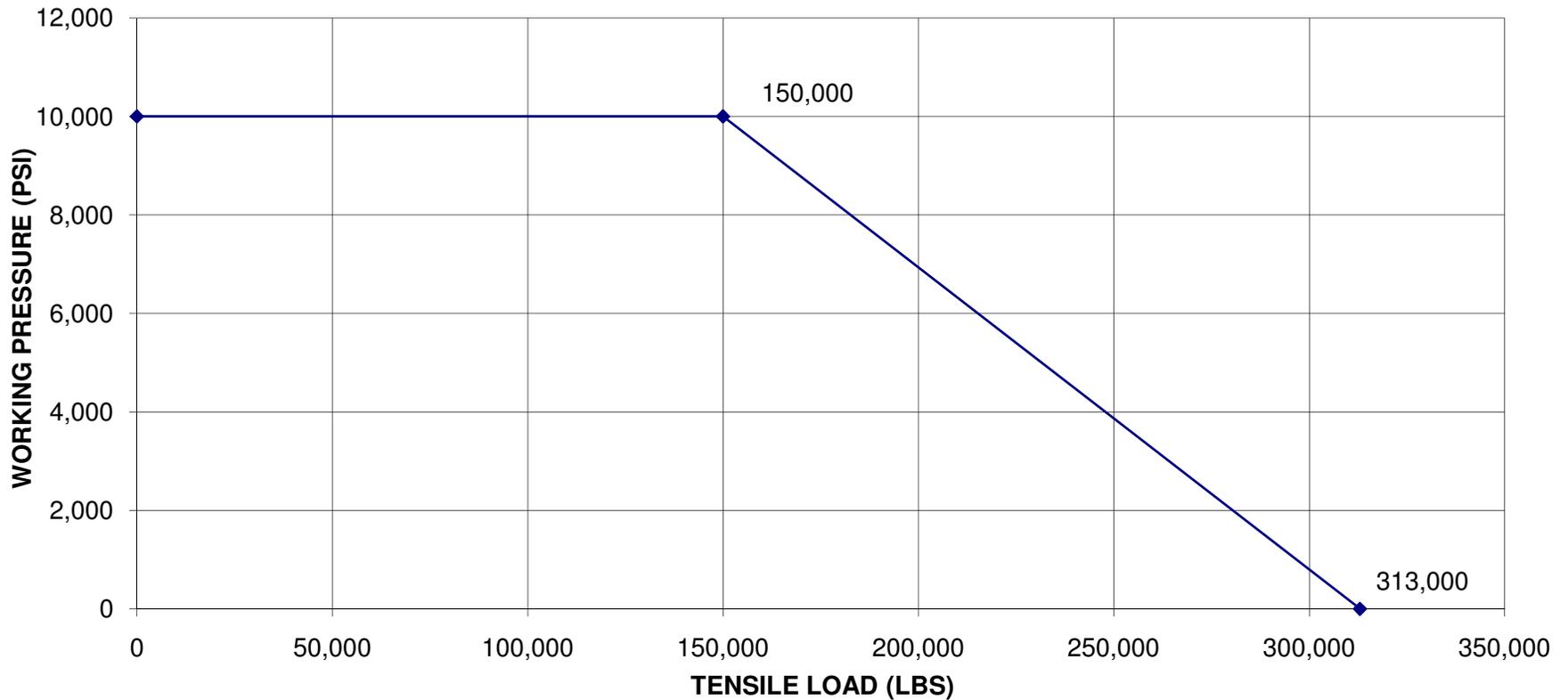
1. PU internal casing cutters and RIH. Cut casing at +/- 30' from surface.
2. POOH, LD cutters and casing.
3. PU 7 3/8" overshoot with 4 1/2" right hand standard wicker grapple, 1 - 4 3/4" drill collar with 3 1/2" IF threads, pup joint, manual bumper sub, and crossovers. If casing cut is deeper than ±30' utilize >7000 ft-lb torque pipe as needed. Pull a minimum of 10,000# to keep grapple engaged if cement top is high (<~900'). If cement top is low (>~900'), more weight will be required to put casing in neutral. Torque casing string to ±7000 ft-lbs, count number of turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ±7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out, release overshoot, POOH, and lay down.
4. TIH w/ skirted mill and dress off the fish top for approximately 1/2 hour. TOOH.
5. PU & RIH w/ 4 1/2" 10k external casing patch on 4 1/2" P-110 casing. Ensure that sliding sleeve assembly shifts ±3' and casing tags no-go portion of patch. NOTE: Shear pins will shear at 3500 to 4500 lbs.
6. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 3500 psi.
7. Install slips. Land casing w/ 80,000# tension.
8. Cut-off and dress 4 1/2" casing stub.
9. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~7914'. Clean out to PBSD (10,136').
10. POOH, land tbg and pump off POBS.
11. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.
2. POOH, LD cutters and casing.
3. PU 4 1/2" overshoot. RIH, latch fish. Pick string weight to neutral.
4. MIRU casing crew and wireline services. RIH and shoot string shot at casing collar @ ± 46'.
5. Back-off casing, POOH.

6. PU new casing joint with buttress threads and entry guide and RIH. Tag casing top. Thread into casing and torque up to ± 7000 ft-lbs, count number of additional turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ± 7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out go to step 7.
7. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 3500 psi.
8. Install slips. Land casing w/ 80,000# tension.
9. Cut-off and dress 4 1/2" casing stub.
10. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~7914'. Clean out to PBTD (10,136').
11. POOH, land tbg and pump off POBS.
12. NUWH, RDMO. Turn well over to production ops.

**STRENGTH DATA FOR LOGAN 5.88" OD "L" TYPE CSG PATCH
4-1/2 CASING, 10K PSI MAX WP 125K YIELD MAT'L
LOGAN ASSEMBLY NO. 510L-005 -000**



COLLAPSE PRESSURE:
11,222 PSI @ 0 TENSILE
8,634 PSI @ 220K TENSILE

Tensile Strength @ Yield:
Tensile Strength w/ 0 Int. Press.= 472,791lbs.
Tensile Strength w/ 10K Int. Press.= 313,748lbs.

DATA BY SLS 11/16/2009

RECEIVED Jun. 28, 2011

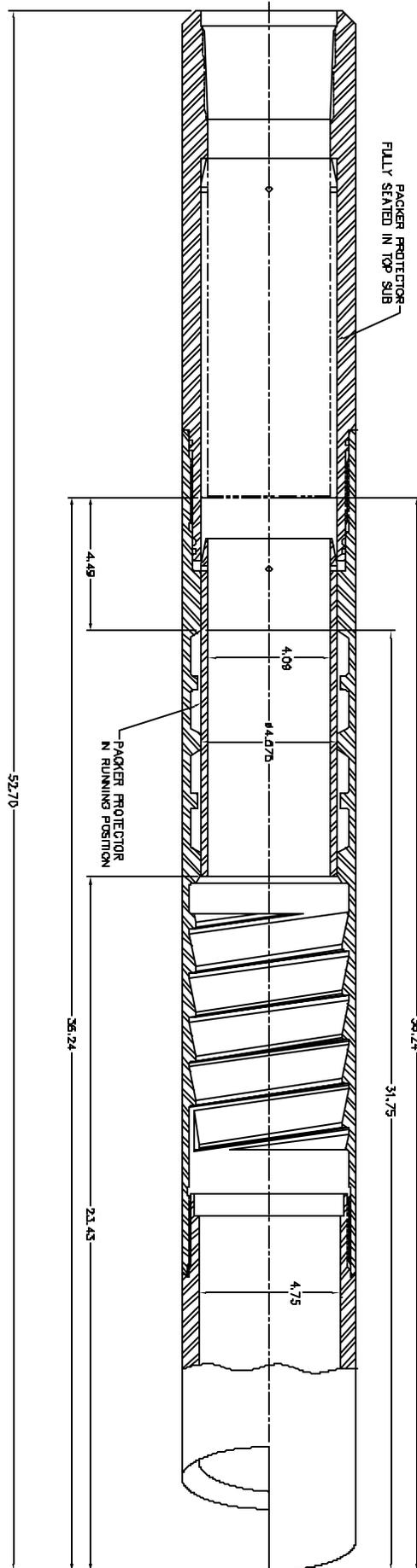


Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

1. Install all four Logan Type "L" Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.
2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector through the four Type "L" Packers.
3. Align Shear Pin Holes in Packer Protector so that the holes have just passed into the counter bore at the Top Sub end, refer to diagram. The Packer Protector is provided with four Shear Pin Holes. Use only two holes, 180 degrees apart and install the pins.
4. Screw the Basket Grapple in from the lower end of the Bowl, using left-hand rotation. The Tang Slot in the Basket Grapple must land in line with the slot in the Bowl.
5. Insert the Basket Grapple Control into the end of the Bowl. Align Tang on the Basket Grapple Control with the Tang Slot of the Bowl and Basket Grapple. This secures the Bowl and the Basket Grapple together.
6. Install the Cutlipped Guide into the lower end of the Bowl.
7. Install O-Rings on the two five-foot long Extensions. Screw the first Extension into the top end of the Bowl. Screw the second Extension into the top end of the first Extension.
8. Install O-Ring on Top Sub. Screw Top Sub into top end of second Extension.

Follow recommended Make-Up Torque as provided in chart.



510L-005-001 4-1/2" LOGAN HP CASING PATCH

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-461
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 922-18C4BS	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047398360000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1898 FNL 0395 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 18 Township: 09.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/22/2011	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>THE OPERATOR HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL. THE OPERATOR HAS RECOMPLETED THE WASATCH FORMATION. THE OPERATOR HAS COMMINGLED THE NEWLY WASATCH FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATION. THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 07/22/2011 AT 9:15 AM. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.</p>		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/25/2011	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU461

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

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: **GINA T. BECKER**
 Email: **gina.becker@anadarko.com**

8. Lease Name and Well No.
NBU 922-18C4BS

3. Address **POBOX 173779 DENVER, CO 80217** 3a. Phone No. (include area code)
 Ph: **720-929-6086**

9. API Well No. **43-047-39836**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SWNW 1898FNL 395FWL 40.038070 N Lat, 109.488630 W Lon**
 At top prod interval reported below **NENW 733FNL 1870FWL**
 At total depth **NENW 733FNL 1911FWL**

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area **Sec 18 T9S R22E Mer SLB**

12. County or Parish **UINTAH** 13. State **UT**

14. Date Spudded **05/29/2009** 15. Date T.D. Reached **08/18/2009** 16. Date Completed
 D & A Ready to Prod. **07/22/2011**

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

18. Total Depth: **MD 10195 TVD 9944** 19. Plug Back T.D.: **MD 10136 TVD 9885** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CBL-BHV-ACRT/DSN/SDL *Original Logs* 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 STL	36.7		40		28			
12.250	9.625 J-55	36.0		2810		720		0	
7.875	4.500 I-80	11.6		10186		2063		300	

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	7404							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5790	7762	5790 TO 7762	0.360	91	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5790 TO 7762	PUMP 5,055 BBLs SLICK H2O 145,163 LBS SAND

RECEIVED

SEP 07 2011

DIV. OF OIL, GAS & MINING

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
07/22/2011	07/25/2011	24	→	0.0	2147.0	125.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	239	354.0	→	0	2147	125		PGW	

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #116263 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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	1780	10195			
BIRD'S NEST	2082				
MAHOGANY	2660				
WASATCH	5277				
MESAVERDE	8006				

32. Additional remarks (include plugging procedure):

Attached is the chronological recompletion history and perforation report.

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 #116263 Verified by the BLM Well Information System.
For KERR MCGEE OIL & GAS ONSHORE,L, sent to the Vernal**

Name (please print) GINA T. BECKER

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 08/26/2011

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 ****

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS BLUE **		Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
Project: UTAH-UINTAH		Site: NBU 922-18E PAD	Rig Name No: ROYAL WELL SERVICE 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 7/12/2011	End Date: 7/21/2011
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/12/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/ROYAL WELL SERVICE RDMO NBU 921-35'0' PAD. ROAD RIG TO NBU 922-18E PAD. MIRU RIG, SPOT EQUIIP. WHP = 600 PSI TBG & 600 PSI CSG. PMP 15 BBLs DWN TBG TO CONTROL WELL. NDWH, NU BOP. LD TBG HNGR. (PULLED 70,000# TO UNSEAT HNGR). PMP 25 BBLs DWN CSG TO KILL WELL. PULLING 70,000# TO MOVE TBG. LD 2 JTS - (LIGHT SCALE ON INSIDE OF TBG, CLEAN ON OUT SIDE). CONT. TO POOH W/TBG & STD BK 44 STDS IN DRK, (2900') - NO SCALE. TBG CLEAN IN & OUT. CONT. TO POOH & LD TBG ON RACKS. RIH W/TBG IN DRK & COME OUT LAYING DWN. (289 JTS PULLED - 5 BAD, GAULDED THRDS - RD TBG EQUIP, TBG SLIDE & RACKS. SWI - SDFN. PMP'D 75 BBLs TO CONTROL WELL.
	7:00 - 18:00	11.00	COMP	31	I	P		
7/13/2011	9:45 - 10:00	0.25	COMP	48		P		HSM & JSA W/ROYAL WELL SERVICE WHP = 100 PSI TBG, 100 PSI CSG. PMP 10 DWN TBG & 25 BBLs DWN CSG TO CONTROL WELL. NDWH, NU BOP. LD TBG HNGR. (PULLING 70,000# TO COME OFF BTM W/TBG). SCAN TBG OUT OF HOLE. (298 JTS SCANNED - 4 BAD JTS) SWI SDFN.
	10:00 - 17:00	7.00	COMP	31	I	P		
7/14/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/ROYAL WELL SERVICE. WHP = 800 PSI. BLOW WELL DWN TO F.B.T. PMP 20 BBLs DWN CSG TO KILL WELL. MIRU CUTTERS WIRELINE. PU 4.5" 10K CBP. RIH & SET CBP @ 7828'. POOH & LD TOOLS. RDMO CUTTERS. ND BOP, NU F.V. LOAD CSG W/TMAC. FILL SURFACE CSG. SWI - RDMO LOCATION. ROAD RIG TO NBU 922-18K PAD. FILL SURFACE CSG. MIRU B&C QUICK TEST. PSI TEST T/ 1000 PSI. HELD FOR 15 MIN GAIND 31 PSI. PSI TEST T/ 3500 PSI. HELD FOR 15 MIN LOST 19 PSI. 1ST PSI TEST T/ 6200 PSI. HELD FOR 30 MIN LOST 50 PSI. BLEED OFF PSI. MOVE T/ NEXT WELL
	7:00 - 10:00	3.00	COMP	34	I	P		
7/15/2011	7:00 - 15:00	8.00	COMP	33	C	P		PERF STG 1)PU 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH PERF AS PER STG 1 PERF DESIGN. POOH.SWIFWE.

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS BLUE **		Spud Conductor: 5/29/2009	Spud Date: 6/11/2009
Project: UTAH-UINTAH		Site: NBU 922-18E PAD	Rig Name No: ROYAL WELL SERVICE 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 7/12/2011	End Date: 7/21/2011
Active Datum: RKB @4,920.00ft (above Mean Sea Level)		UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/18/2011	14:00 - 18:00	4.00	COMP	36	B	P		<p>FRAC STG 1)WHP 153 PSI, BRK 2492 PSI @ 5.6 BPM. ISIP 2032 PSI, FG .71. PUMP 100 BBLS @ 47.3 BPM @ 4777 PSI = 87% HOLES OPEN. ISIP 2005 PSI, FG .70, NPI -27 PSI. MP 5704 PSI, MR 49.3 BPM, AP 5003 PSI, AR 48.9 BPM, PMP 727 BBLS SW & 16,809 LBS OF 30/50 SND. TOTAL PROP 16,809 LBS. SWI, X-OVER FOR WL.</p> <p>PERF STG 2)PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 7253' P/U PERF AS PER STG 2 PERF DESIGN. POOH.</p> <p>FRAC STG 2)WHP 87 PSI, BRK 2158 PSI @ 4.7 BPM. ISIP 1283 PSI, FG .62. PUMP 100 BBLS @ 50.1 BPM @ 3889 PSI = 100% HOLES OPEN. ISIP 1582 PSI, FG .66, NPI 299 PSI. MP 4385 PSI, MR 50.6 BPM, AP 3989 PSI, AR 50.4 BPM, PMP 1313 BBLS SW & 37,017 LBS OF 30/50 SND. TOTAL PROP 37,017 LBS. SWI, X-OVER FOR WL.</p> <p>PERF STG 3)PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 6960' P/U PERF AS PER STG 3 PERF DESIGN.SWI COMPUTER IN FRAC VAN QUIT</p>

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-18C4BS BLUE ** Spud Conductor: 5/29/2009 Spud Date: 6/11/2009
 Project: UTAH-UINTAH Site: NBU 922-18E PAD Rig Name No: ROYAL WELL SERVICE 1/1
 Event: RECOMPL/RESEREVEADD Start Date: 7/12/2011 End Date: 7/21/2011
 Active Datum: RKB @4,920.00ft (above Mean Sea Level) UWI: SW/NW/09/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/19/2011	8:35 - 18:00	9.42	COMP	36	B	P		<p>FRAC STG 3)WHP 173 PSI, BRK 1943 PSI @ 4.4 BPM. ISIP 1242 PSI, FG .62. PUMP 100 BBLS @ 50.5 BPM @ 4084 PSI = 97% HOLES OPEN. ISIP 1134 PSI, FG .60, NPI -108 PSI. MP 4408 PSI, MR 50.7 BPM, AP 3921 PSI, AR 50.3 BPM, PMP 680 BBLS SW & 17,269 LBS OF 30/50 SND. PUMP NO RESIN AS PER DESIGN. TOTAL PROP 17,269 LBS. SWI, X-OVER FOR WL.</p> <p>PERF STG 4)PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, .36 HOLE SZIE. 90 & 120 DEG PHASING. RIH SET CBP @ 5982' P/U PERF AS PER STG 4 PERF DESIGN. POOH.</p> <p>FRAC STG 4)WHP 124 PSI, BRK 1706 PSI @ 4.0 BPM. ISIP 866 PSI, FG .59. PUMP 100 BBLS @ 51.9 BPM @ 4244 PSI = 85% HOLES OPEN. ISIP 1698 PSI, FG .73, NPI 832 PSI. MP 5249 PSI, MR 52.5 BPM, AP 4462 PSI, AR 52.2 BPM, PMP 2335 BBLS SW & 74,068 LBS OF 30/50 SND. TOTAL PROP 74,068 LBS. SWI, X-OVER FOR WL.</p> <p>PU 4 1/2 8K HAL CBP. RIH SET CBP @ 5740'. POOH. SWI. DONE FRACING THIS WELL.</p> <p>TOTAL SAND = 145,163 LBS TOTAL CLFL = 5055 BBLS TOTAL SCALE = 538 GAL TOTAL BIO = 100 GAL</p>
7/20/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/ROYAL WELL SERVICE
	7:00 - 8:00	1.00	COMP	30	C	P		LOAD CSG W/TMAC & PT TO 3500 PSI. HOLDING - RD PMP & LINES. ROAD RIG FROM NBU 922-18F4BS.
	8:00 - 15:30	7.50	COMP	30	A	P		MIRU RIG. SPOT EQUIP. NDWH, NU BOP. RIG UP TBG SLIDE & RACKS. TRANSFER TBG FORM STORAGE RACK TO RIG RACKS. PREP & TALLY TBG. PU 3 7/8" MILL, FLOAT & XN NIPPLE. RIH ON 180 JTS USED 2 3/8" 4.7# L80 TBG. TAG FILL @ 0000'. LD 2 JTS. RU PWR SWVL & PMP. PT CSG & BOPs TO 3000 PSI & HOLD 15 MIN. (LOST 200#). BLEED OF PSI. SWI & SDFN. PREP TO D/O CBPs IN AM.
7/21/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/ROYAL WELL SERVICE

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS BLUE **		Spud Conductor: 5/29/2009		Spud Date: 6/11/2009	
Project: UTAH-UINTAH		Site: NBU 922-18E PAD		Rig Name No: ROYAL WELL SERVICE 1/1	
Event: RECOMPL/RESEREVEADD		Start Date: 7/12/2011		End Date: 7/21/2011	
Active Datum: RKB @4,920.00ft (above Mean Sea Level)			UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:00 - 12:00	5.00	COMP	44	C	P		<p>WHP = 0 PSI. EST CIRC. C/O 15' OF SND.</p> <p>CBP #1) DRLG OUT HALCO 8K CBP @ 5740' IN 8 MIN. 400 DIFF PSI. RIH TAG FILL @ 5942'. C/O 40 OF SND. FCP = 100 PSI.</p> <p>CBP #2) DRLG OUT HALCO 8K CBP @ 5982' IN 6 MIN. 0 DIFF PSI. RIH TAG FILL @ 6920'. C/O 40 OF SND. FCP = 150 PSI.</p> <p>CBP #3) DRLG OUT HALCO 8K CBP @ 6960' IN 5 MIN. 0 DIFF PSI. RIH TAG FILL @ 7214'. C/O 39 OF SND. FCP = 150 PSI.</p> <p>CBP #4) DRLG OUT HALCO 8K CBP @ 7253' IN 11 MIN. 0 DIFF PSI. RIH & TAG FILL @ 7809'. C/O TO 7809'. ISOLATION CBP @ 7792'. FCP = 150 PSI. CIRC WELL CLEAN.</p> <p>ND PWR SWVL, NU TBG EQUIP. LD 14 JTS ON RACKS, (62 TOTAL ON RACKS). LND TBG ON HNGR W/232 JTS USED 2 3/8" 4.7# L80 @ 7403.84'. RD FLOOR & TBG EQUIP. ND BOP, DROP BALL, NUWH. MIRU DELSCO SLICKLINE - RIH & PULL TBG FLOAT. RIH & SET PRODUCTION SLEEVE. TURN WELL TO F.B.C.</p> <p>KB 26' HANGER 0.83' SLIDING SLEEVE ASS 2.49' TBG 232 JTS = 7375.01' SLEEVE @ 7402.40' EOT @ 7403.84' (62 JTS RTND)</p> <p>TWTR = 6,045 BBLS TWR = 390 BBLS TWLTR = 5655 SICP = 500 PSI, SITP = 0 PSI.</p>
7/22/2011	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2100#, TP 900#, 20/64" CK, 35 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1065 BBLS LEFT TO RECOVER: 4980</p>
	9:15 - 9:15	0.00	PROD	50				<p>WELL TURNED TO SALES @ 0915 HR ON 7/22/11 - 1500 MCFD, 1920 BWPD, CP 1800#, FTP 1000#, CK 20/64"</p>
7/23/2011	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 1850#, TP 1250#, 20/64" CK, 25 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1803 BBLS LEFT TO RECOVER: 4242</p>
7/24/2011	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 1500#, TP 1100#, 20/64" CK, 18 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2299 BBLS LEFT TO RECOVER: 3746</p>

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	NBU 922-18C4BS BLUE **		
Common Name	NBU 922-18C4BS		
Well Name	NBU 922-18C4BS	Wellbore No.	OH
Report No.	1	Report Date	7/12/2011
Project	UTAH-UINTAH	Site	NBU 922-18E PAD
Rig Name/No.	ROYAL WELL SERVICE 1/1	Event	RECOMPL/RESEREVEADD
Start Date	7/12/2011	End Date	7/21/2011
Spud Date	6/11/2009	Active Datum	RKB @4,920.00ft (above Mean Sea Level)
UWI	SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0		

1.3 General

Contractor	CASEHOLE SOLUTIONS	Job Method	PERFORATE	Supervisor	KENNY WARREN
Perforated Assembly	PRODUCTION CASING	Conveyed Method	WIRELINE		

1.4 Initial Conditions

Fluid Type		Fluid Density		Gross Interval	5,790.0 (ft)-7,762.0 (ft)	Start Date/Time	7/18/2011 12:00AM
Surface Press		Estimate Res Press		No. of Intervals	12	End Date/Time	7/18/2011 12:00AM
TVD Fluid Top		Fluid Head		Total Shots	91	Net Perforation Interval	24.00 (ft)
Hydrostatic Press		Press Difference		Avg Shot Density	3.79 (shot/ft)	Final Surface Pressure	
Balance Cond	NEUTRAL					Final Press Date	

1.5 Summary

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (ft)	CCL-T S (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	WASATCH/			5,790.0	5,794.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO	
														N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (ft)	CCL-T S (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	WASATCH/			5,950.0	5,952.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			6,736.0	6,738.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			6,826.0	6,828.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			6,928.0	6,930.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,115.0	7,116.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,164.0	7,166.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,220.0	7,223.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,442.0	7,443.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,482.0	7,483.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,710.0	7,712.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			7,760.0	7,762.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-461	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 922-18C4BS
PHONE NUMBER: 720 929-6511	9. API NUMBER: 43047398360000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1898 FNL 0395 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 checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/29/2011	<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 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: <input style="width: 100px;" type="text"/>

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

The operator has concluded the wellhead/casing repairs on the subject well location. Please see the attached chronological history for details of the operations.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 July 26, 2012**

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regularatory Analyst
SIGNATURE N/A	DATE 7/17/2012	

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-18C4BS BLUE **		Spud Conductor: 5/29/2009		Spud Date: 6/11/2009				
Project: UTAH-UINTAH			Site: NBU 922-18E PAD			Rig Name No: SWABBCO 6/6		
Event: WELL WORK EXPENSE			Start Date: 10/27/2011			End Date: 10/29/2011		
Active Datum: RKB @4,920.00usft (above Mean Sea Level)				UWI: SW/NW/0/9/S/22/E/18/0/0/26/PM/N/1,898.00/W/0/395.00/0/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/27/2011	7:00 - 7:15	0.25	WO/REP	48		P		JSA= WELL CONTROL
	7:15 - 17:00	9.75	WO/REP	30		P		FWP= 150# TUB, 350# CAS, NU & PMP 20 BBLS TMAC DWN TUB ND WELLHEAD NU BOPS RU FLOOR & TUBING EQUIP PMP 30 BBLS DWN CAS UNLAND TUBING LD HNGR POOH w 232 JNTS 2-3/8" L-80 LD BHA RU W/L RIH W/ GUAGE RNG TO 5800' POOH PU 10K CIBP RIH SET @ 5740' POOH DUMP BAIL 2 SKS CEM ON PLG RD W/L FILL HOLE W/ TMAC PRESS TEST TO 500# SIW PREP TO REPAIR W/H IN AM SDFN
10/28/2011	7:00 - 7:15	0.25	WO/REP	48		P		JSA= W/L SAFETY
	7:15 - 17:00	9.75	WO/REP	30		P		SIWP=0 PSI ND BOPS & WELLHEAD PU INT CUTTER RIH CUT CSG BELOW HNGR PU OVERSHOT RU TONGS & W/L B/O PUP JNT PU NEW 4-1/2" PUP RIH THREAD ONTO CSG STRING TORQUE TO 7000# PULL 90000# RU & TEST 3500 30 MIN W/ 37# LOSS ET SLIPS NU WELLHEAD & BOPS RU FLOOR & TUBING EQUIP PU 3-7/8" BIT RIH TAG TOC @ 5720' RU PWR SWVL DRILL THRU CEM & CIBP @ 5740' CIRC CLEAN CONTINUE TO RIH TO 7375' SIW DRAIN EQUIP FINISH DRILLING & C/O IN AM SDFN
10/29/2011	7:00 - 7:15	0.25	WO/REP	48		P		JSA= WELLCONTROL
	7:15 - 17:00	9.75	WO/REP	30		P		SIWP= 850 PSI OPEN CAS TO FBT CONTINUE TO RIH TAG @ 7780' EST CIRC W/ N2 FOAMER C/O & DRILL THRU CBP @ 7792' w/ 200# INCREASE CIRC CLEAN CONTINUE TO RIH TAG @ 10110' EST CIRC COULDNT MAKE HOLE CIRC CLEAN POOH LD 19 JNTS LAND TUB ON HNGR W/ 298 JNTS EOT @ 9515.25 DROP BALL PMP OFF BIT @ 2200 PSI RIH W/ BROACH TO XN NPL RD FLOOR & TUBING EQUIP ND BOPS NU WELLHEAD SIW SDFW