

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

FORM 3
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER NBU 922-3304S	
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT NATURAL BUTTES	
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES	
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.						7. OPERATOR PHONE 720 929-6587	
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL mary.mondragon@anadarko.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 01191			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	162 FNL 1829 FEL	NWNE	4	10.0 S	22.0 E	S	
Top of Uppermost Producing Zone	253 FSL 1474 FEL	SWSE	33	9.0 S	22.0 E	S	
At Total Depth	253 FSL 1474 FEL	SWSE	33	9.0 S	22.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 253			23. NUMBER OF ACRES IN DRILLING UNIT 1041	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 540			26. PROPOSED DEPTH MD: 9080 TVD: 9000	
27. ELEVATION - GROUND LEVEL 5042			28. BOND NUMBER WYB000291			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496	

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Danielle Piernot	TITLE Regulatory Analyst	PHONE 720 929-6156
SIGNATURE	DATE 06/08/2009	EMAIL danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047504650000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	9080		
Pipe	Grade	Length	Weight			
	Grade I-80 LT&C	9080	11.6			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2215		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	2215	36.0			

T10S, R22E, S.1.B.&M.

Sec. 33

E 1/4 Cor. Sec. 33 1977 Brass Cap

Kerr-McGee Oil & Gas Onshore LP

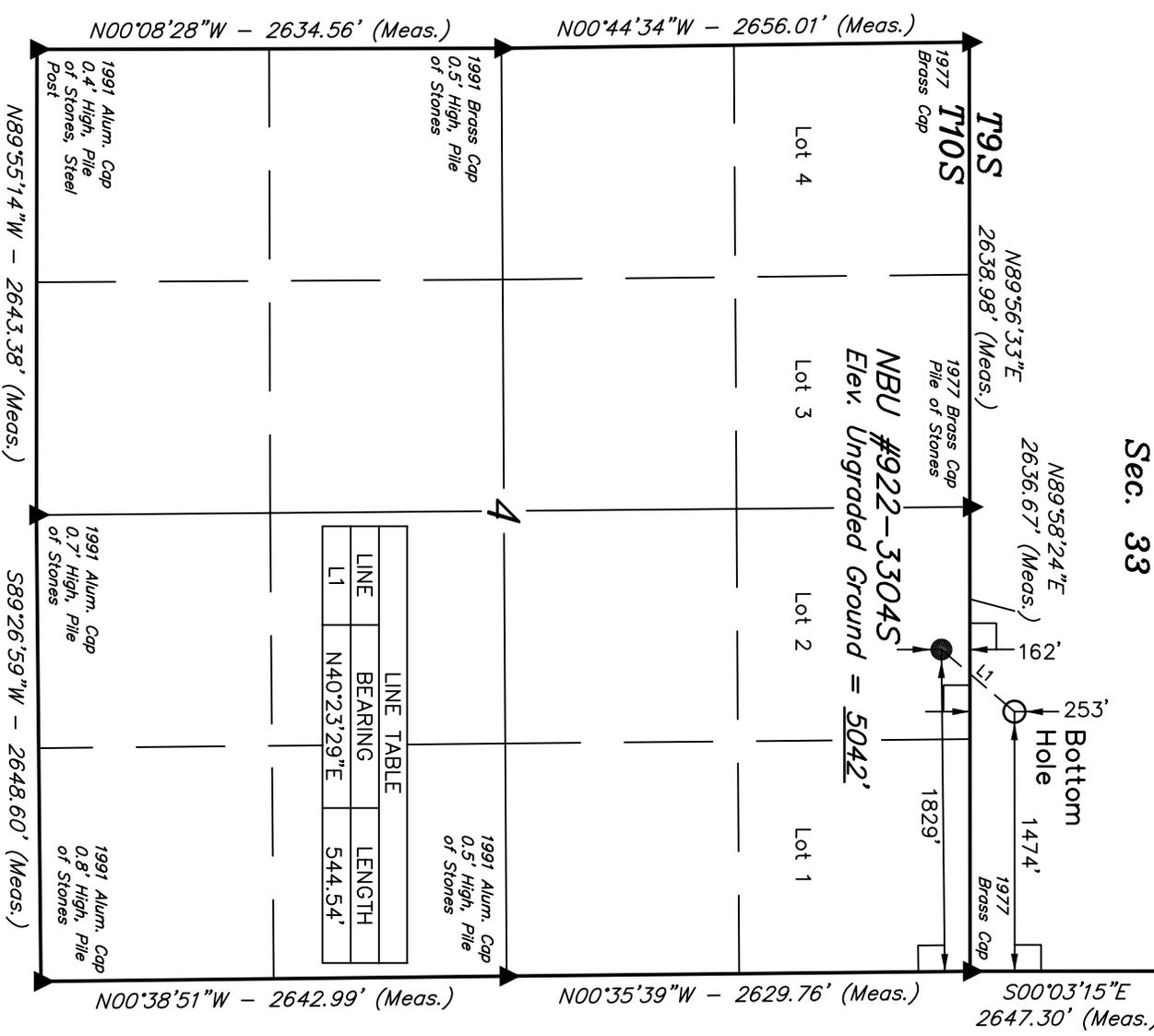
Well location, NBU #922-3304S, located as shown in Lot 2 of Section 4, T10S, R22E, S.1.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

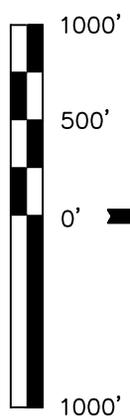
TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.1.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

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



LINE	BEARING	LENGTH
L1	N40°23'29"E	544.54'



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.
 No. 161319



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

- LEGEND:**
- 90° SYMBOL
 - PROPOSED WELL HEAD.
 - SECTION CORNERS LOCATED.

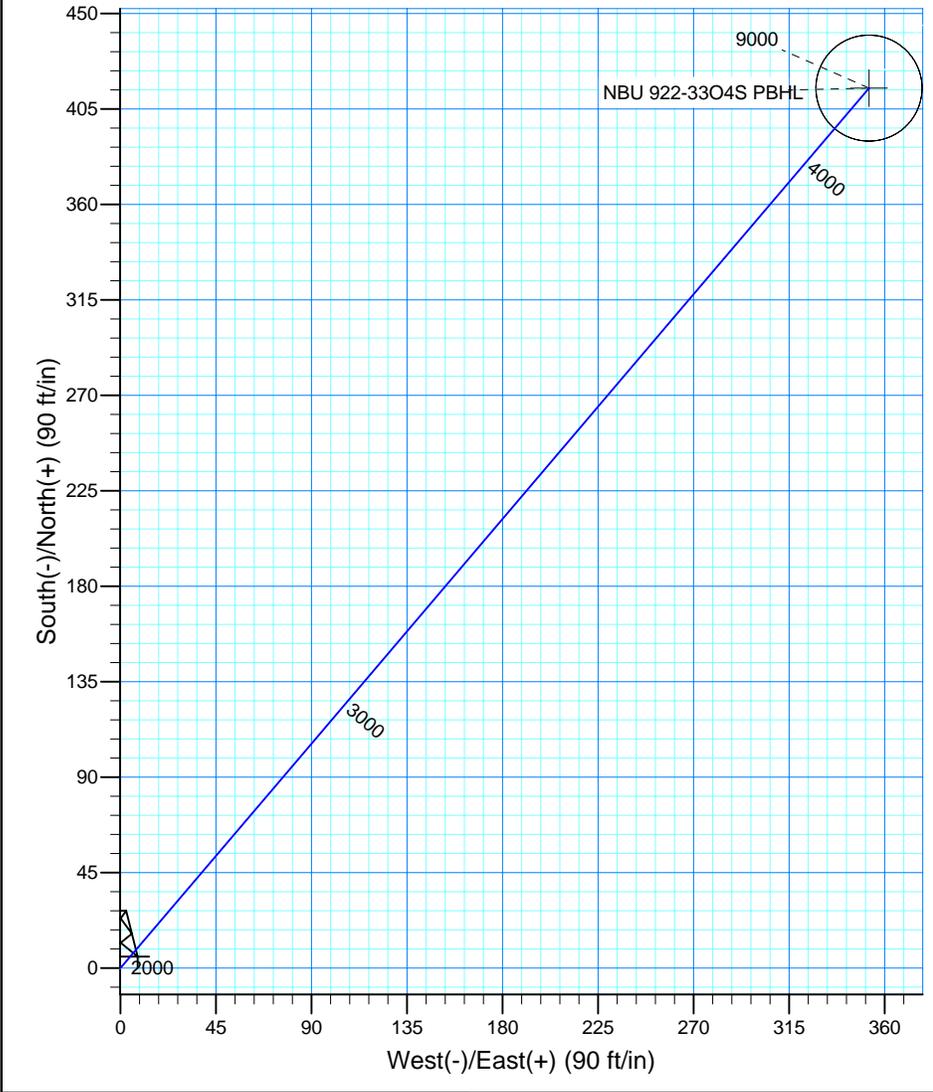
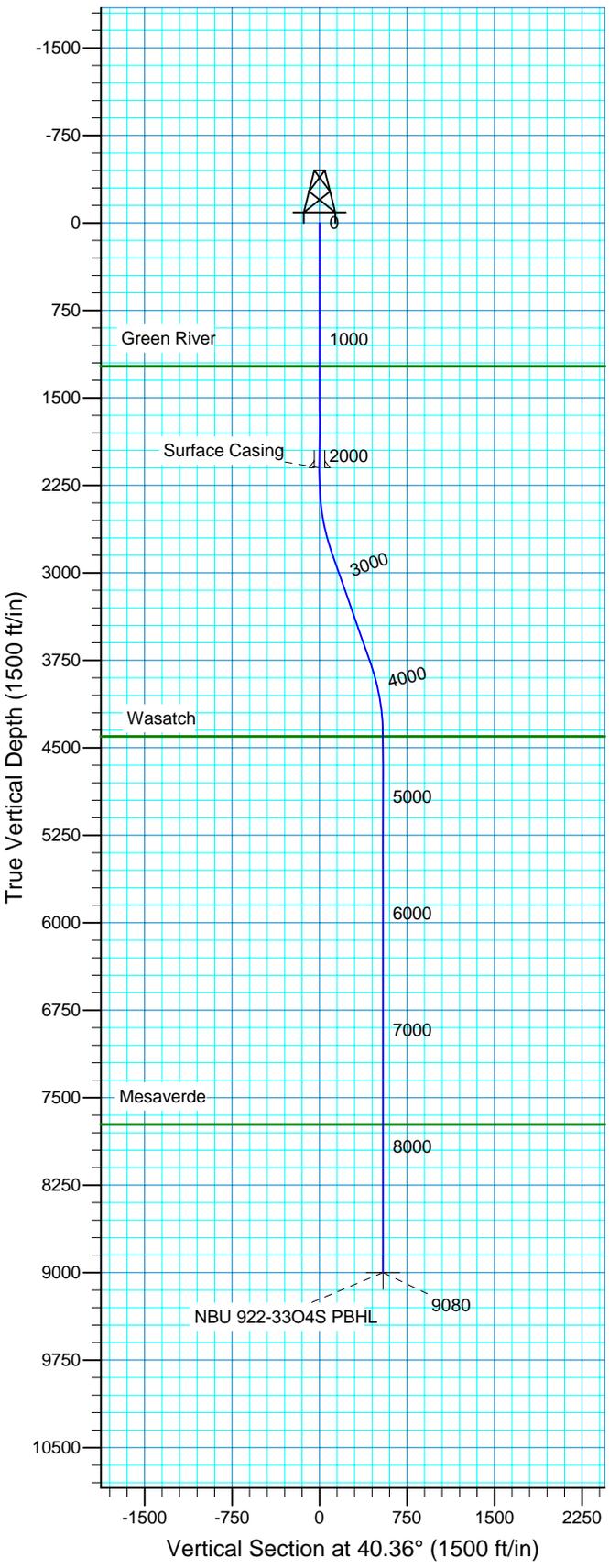
NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°59'09.46" (39.985961)	LONGITUDE = 109°26'26.99" (109.440831)	LATITUDE = 39°59'05.36" (39.984822)	LONGITUDE = 109°26'31.52" (109.442089)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°59'09.58" (39.985994)	LONGITUDE = 109°26'24.53" (109.440147)	LATITUDE = 39°59'05.48" (39.984856)	LONGITUDE = 109°26'29.06" (109.441406)

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	11-03-08	11-07-08
PARTY	REFERENCES	
L.K. C.K. D.P.	G.L.O. PLAT	
WEATHER	FILE	
COOL	Kerr-McGee Oil & Gas Onshore LP	

WELL DETAILS: NBU 922-3304S

Ground Level: GL 5033' & RKB 18' @ 5051.00ft
 +N/-S 0.00 +E/-W 0.00 Northing 608167.91 Easting 2576782.39 Latitude 39° 59' 5.480 N Longitude 109° 26' 29.060 W

Azimuths to True North
 Magnetic North: 11.35°
 Magnetic Field
 Strength: 52603.5snT
 Dip Angle: 65.94°
 Date: 12/11/2008
 Model: IGRF2005-10



FORMATION TOP DETAILS			Plan: Plan #1 (NBU 922-3304S/OH)	
TVDPath	MDPath	Formation	Created By:	Date:
1228.00	1228.00	Green River	Laura Turner	2008-12-15
4403.00	4483.33	Wasatch	PROJECT DETAILS: Uintah County, UT NAD27	
7730.00	7810.33	Mesaverde	Geodetic System: US State Plane 1927 (Exact so)	
			Datum: NAD 1927 (NADCON CONUS)	
			Ellipsoid: Clarke 1866	
			Zone: Utah Central 4302	
			System Datum: Mean Sea Level	
			Local North: True	

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	
2844.06	19.32	40.36	2831.92	81.97	69.67	3.00	40.36	107.57	
3839.27	19.32	40.36	3771.08	332.87	282.92	0.00	0.00	436.86	
4483.33	0.00	0.00	4403.00	414.84	352.59	3.00	180.00	544.43	
9080.33	0.00	0.00	9000.00	414.84	352.59	0.00	0.00	544.43	NBU 922-3304S PBHL

Kerr McGee Oil and Gas Onshore LP

**Uintah County, UT NAD27
NBU 1022-4B Pad
NBU 922-3304S
OH**

Plan: Plan #1

Standard Planning Report

15 December, 2008

Scientific Drilling

Planning Report

Database: EDM2003.16 MultiuserDB	Local Co-ordinate Reference: Well NBU 922-33O4S
Company: Kerr McGee Oil and Gas Onshore LP	TVD Reference: GL 5033' & RKB 18' @ 5051.00ft
Project: Uintah County, UT NAD27	MD Reference: GL 5033' & RKB 18' @ 5051.00ft
Site: NBU 1022-4B Pad	North Reference: True
Well: NBU 922-33O4S	Survey Calculation Method: Minimum Curvature
Wellbore: OH	
Design: Plan #1	

Project Uintah County, UT NAD27	
Map System: US State Plane 1927 (Exact solution)	System Datum: Mean Sea Level
Geo Datum: NAD 1927 (NADCON CONUS)	
Map Zone: Utah Central 4302	

Site NBU 1022-4B Pad, Sec 4 T10S R22E		
Site Position:	Northing: 608,184.35 ft	Latitude: 39° 59' 5.640 N
From: Lat/Long	Easting: 2,576,792.91 ft	Longitude: 109° 26' 28.920 W
Position Uncertainty: 0.00 ft	Slot Radius: in	Grid Convergence: 1.32 °

Well NBU 922-33O4S, 162' FNL 1829' FEL			
Well Position	+N/-S 0.00 ft	Northing: 608,167.91 ft	Latitude: 39° 59' 5.480 N
	+E/-W 0.00 ft	Easting: 2,576,782.39 ft	Longitude: 109° 26' 29.060 W
Position Uncertainty	0.00 ft	Wellhead Elevation: ft	Ground Level: 5,033.00 ft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	12/11/2008	11.35	65.94	52,603

Design Plan #1

Audit Notes:		
Version:	Phase: PLAN	Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	40.36

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,844.06	19.32	40.36	2,831.92	81.97	69.67	3.00	3.00	0.00	40.36	
3,839.27	19.32	40.36	3,771.08	332.87	282.92	0.00	0.00	0.00	0.00	
4,483.33	0.00	0.00	4,403.00	414.84	352.59	3.00	-3.00	0.00	180.00	
9,080.33	0.00	0.00	9,000.00	414.84	352.59	0.00	0.00	0.00	0.00	NBU 922-33O4S PI

Scientific Drilling

Planning Report

Database:	EDM2003.16 MultiuserDB	Local Co-ordinate Reference:	Well NBU 922-33O4S
Company:	Kerr McGee Oil and Gas Onshore LP	TVD Reference:	GL 5033' & RKB 18' @ 5051.00ft
Project:	Uintah County, UT NAD27	MD Reference:	GL 5033' & RKB 18' @ 5051.00ft
Site:	NBU 1022-4B Pad	North Reference:	True
Well:	NBU 922-33O4S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,228.00	0.00	0.00	1,228.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
Surface Casing									
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	3.00	40.36	2,299.95	1.99	1.70	2.62	3.00	3.00	0.00
2,400.00	6.00	40.36	2,399.63	7.97	6.78	10.46	3.00	3.00	0.00
2,500.00	9.00	40.36	2,498.77	17.92	15.23	23.51	3.00	3.00	0.00
2,600.00	12.00	40.36	2,597.08	31.80	27.03	41.74	3.00	3.00	0.00
2,700.00	15.00	40.36	2,694.31	49.59	42.14	65.08	3.00	3.00	0.00
2,800.00	18.00	40.36	2,790.18	71.22	60.54	93.48	3.00	3.00	0.00
2,844.06	19.32	40.36	2,831.92	81.97	69.67	107.57	3.00	3.00	0.00
2,900.00	19.32	40.36	2,884.71	96.07	81.65	126.08	0.00	0.00	0.00
3,000.00	19.32	40.36	2,979.08	121.28	103.08	159.17	0.00	0.00	0.00
3,100.00	19.32	40.36	3,073.45	146.49	124.51	192.26	0.00	0.00	0.00
3,200.00	19.32	40.36	3,167.81	171.70	145.94	225.34	0.00	0.00	0.00
3,300.00	19.32	40.36	3,262.18	196.92	167.36	258.43	0.00	0.00	0.00
3,400.00	19.32	40.36	3,356.55	222.13	188.79	291.52	0.00	0.00	0.00
3,500.00	19.32	40.36	3,450.92	247.34	210.22	324.61	0.00	0.00	0.00
3,600.00	19.32	40.36	3,545.28	272.55	231.65	357.69	0.00	0.00	0.00
3,700.00	19.32	40.36	3,639.65	297.76	253.08	390.78	0.00	0.00	0.00
3,800.00	19.32	40.36	3,734.02	322.97	274.50	423.87	0.00	0.00	0.00
3,839.27	19.32	40.36	3,771.08	332.87	282.92	436.86	0.00	0.00	0.00
3,900.00	17.50	40.36	3,828.70	347.49	295.34	456.04	3.00	-3.00	0.00
4,000.00	14.50	40.36	3,924.81	368.49	313.19	483.60	3.00	-3.00	0.00
4,100.00	11.50	40.36	4,022.24	385.63	327.76	506.09	3.00	-3.00	0.00
4,200.00	8.50	40.36	4,120.71	398.86	339.00	523.46	3.00	-3.00	0.00
4,300.00	5.50	40.36	4,219.95	408.14	346.89	535.64	3.00	-3.00	0.00
4,400.00	2.50	40.36	4,319.69	413.46	351.41	542.62	3.00	-3.00	0.00
4,483.33	0.00	0.00	4,403.00	414.84	352.59	544.43	3.00	-3.00	-48.44
Wasatch									
4,500.00	0.00	0.00	4,419.67	414.84	352.59	544.43	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database:	EDM2003.16 MultiuserDB	Local Co-ordinate Reference:	Well NBU 922-33O4S
Company:	Kerr McGee Oil and Gas Onshore LP	TVD Reference:	GL 5033' & RKB 18' @ 5051.00ft
Project:	Uintah County, UT NAD27	MD Reference:	GL 5033' & RKB 18' @ 5051.00ft
Site:	NBU 1022-4B Pad	North Reference:	True
Well:	NBU 922-33O4S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,600.00	0.00	0.00	4,519.67	414.84	352.59	544.43	0.00	0.00	0.00
4,700.00	0.00	0.00	4,619.67	414.84	352.59	544.43	0.00	0.00	0.00
4,800.00	0.00	0.00	4,719.67	414.84	352.59	544.43	0.00	0.00	0.00
4,900.00	0.00	0.00	4,819.67	414.84	352.59	544.43	0.00	0.00	0.00
5,000.00	0.00	0.00	4,919.67	414.84	352.59	544.43	0.00	0.00	0.00
5,100.00	0.00	0.00	5,019.67	414.84	352.59	544.43	0.00	0.00	0.00
5,200.00	0.00	0.00	5,119.67	414.84	352.59	544.43	0.00	0.00	0.00
5,300.00	0.00	0.00	5,219.67	414.84	352.59	544.43	0.00	0.00	0.00
5,400.00	0.00	0.00	5,319.67	414.84	352.59	544.43	0.00	0.00	0.00
5,500.00	0.00	0.00	5,419.67	414.84	352.59	544.43	0.00	0.00	0.00
5,600.00	0.00	0.00	5,519.67	414.84	352.59	544.43	0.00	0.00	0.00
5,700.00	0.00	0.00	5,619.67	414.84	352.59	544.43	0.00	0.00	0.00
5,800.00	0.00	0.00	5,719.67	414.84	352.59	544.43	0.00	0.00	0.00
5,900.00	0.00	0.00	5,819.67	414.84	352.59	544.43	0.00	0.00	0.00
6,000.00	0.00	0.00	5,919.67	414.84	352.59	544.43	0.00	0.00	0.00
6,100.00	0.00	0.00	6,019.67	414.84	352.59	544.43	0.00	0.00	0.00
6,200.00	0.00	0.00	6,119.67	414.84	352.59	544.43	0.00	0.00	0.00
6,300.00	0.00	0.00	6,219.67	414.84	352.59	544.43	0.00	0.00	0.00
6,400.00	0.00	0.00	6,319.67	414.84	352.59	544.43	0.00	0.00	0.00
6,500.00	0.00	0.00	6,419.67	414.84	352.59	544.43	0.00	0.00	0.00
6,600.00	0.00	0.00	6,519.67	414.84	352.59	544.43	0.00	0.00	0.00
6,700.00	0.00	0.00	6,619.67	414.84	352.59	544.43	0.00	0.00	0.00
6,800.00	0.00	0.00	6,719.67	414.84	352.59	544.43	0.00	0.00	0.00
6,900.00	0.00	0.00	6,819.67	414.84	352.59	544.43	0.00	0.00	0.00
7,000.00	0.00	0.00	6,919.67	414.84	352.59	544.43	0.00	0.00	0.00
7,100.00	0.00	0.00	7,019.67	414.84	352.59	544.43	0.00	0.00	0.00
7,200.00	0.00	0.00	7,119.67	414.84	352.59	544.43	0.00	0.00	0.00
7,300.00	0.00	0.00	7,219.67	414.84	352.59	544.43	0.00	0.00	0.00
7,400.00	0.00	0.00	7,319.67	414.84	352.59	544.43	0.00	0.00	0.00
7,500.00	0.00	0.00	7,419.67	414.84	352.59	544.43	0.00	0.00	0.00
7,600.00	0.00	0.00	7,519.67	414.84	352.59	544.43	0.00	0.00	0.00
7,700.00	0.00	0.00	7,619.67	414.84	352.59	544.43	0.00	0.00	0.00
7,800.00	0.00	0.00	7,719.67	414.84	352.59	544.43	0.00	0.00	0.00
7,810.33	0.00	0.00	7,730.00	414.84	352.59	544.43	0.00	0.00	0.00
Mesaverde									
7,900.00	0.00	0.00	7,819.67	414.84	352.59	544.43	0.00	0.00	0.00
8,000.00	0.00	0.00	7,919.67	414.84	352.59	544.43	0.00	0.00	0.00
8,100.00	0.00	0.00	8,019.67	414.84	352.59	544.43	0.00	0.00	0.00
8,200.00	0.00	0.00	8,119.67	414.84	352.59	544.43	0.00	0.00	0.00
8,300.00	0.00	0.00	8,219.67	414.84	352.59	544.43	0.00	0.00	0.00
8,400.00	0.00	0.00	8,319.67	414.84	352.59	544.43	0.00	0.00	0.00
8,500.00	0.00	0.00	8,419.67	414.84	352.59	544.43	0.00	0.00	0.00
8,600.00	0.00	0.00	8,519.67	414.84	352.59	544.43	0.00	0.00	0.00
8,700.00	0.00	0.00	8,619.67	414.84	352.59	544.43	0.00	0.00	0.00
8,800.00	0.00	0.00	8,719.67	414.84	352.59	544.43	0.00	0.00	0.00
8,900.00	0.00	0.00	8,819.67	414.84	352.59	544.43	0.00	0.00	0.00
9,000.00	0.00	0.00	8,919.67	414.84	352.59	544.43	0.00	0.00	0.00
9,080.33	0.00	0.00	9,000.00	414.84	352.59	544.43	0.00	0.00	0.00
NBU 922-33O4S PBHL									

Scientific Drilling

Planning Report

Database: EDM2003.16 MultiuserDB Company: Kerr McGee Oil and Gas Onshore LP Project: Uintah County, UT NAD27 Site: NBU 1022-4B Pad Well: NBU 922-33O4S Wellbore: OH Design: Plan #1	Local Co-ordinate Reference: Well NBU 922-33O4S TVD Reference: GL 5033' & RKB 18' @ 5051.00ft MD Reference: GL 5033' & RKB 18' @ 5051.00ft North Reference: True Survey Calculation Method: Minimum Curvature
--	--

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
NBU 922-33O4S PBH - plan hits target center - Circle (radius 25.00)	0.00	0.00	9,000.00	414.84	352.59	608,590.75	2,577,125.34	39° 59' 9.580 N	109° 26' 24.530 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
2,100.00	2,100.00	Surface Casing	9.625	13.500	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,228.00	1,228.00	Green River		0.00		
4,483.33	4,403.00	Wasatch		0.00		
7,810.33	7,730.00	Mesaverde		0.00		

NBU 922-3304S

Pad: NBU 1022-4B

Surface: 162' FNL, 1,829' FEL (NW/4NE/4) Sec. 4 T10S R22E - Lot 2

BHL: 253' FSL 1,474' FEL (SW/4SE/4) Sec. 33 T9S R22E

Uintah, Utah

Mineral Lease: UTU 01191

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. – 2. **Estimated Tops of Important Geologic Markers:**
Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Formation</u>	<u>Depth</u>	<u>Resource</u>
Uinta	0 – Surface	
Green River	1,228'	
Birds Nest	1,523'	Water
Mahogany	2,014'	Water
Wasatch	4,403'	Gas
Mesaverde	6,820'	Gas
MVU2	7,730'	Gas
MVL1	8,292'	Gas
TVD	9,000'	
TD	9,080'	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9,080' TD, approximately equals 5,374 psi (calculated at 0.59 psi/foot).

Maximum anticipated surface pressure equals approximately 3,347 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 refer to the attached Drilling Program.

Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- *Blowout Prevention Equipment (BOPE) requirements;*
- *Mud program requirements; and*
- *Special drilling operation (surface equipment placement) requirements associated with air drilling.*

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background

In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements

The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements

Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements

Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

Conclusion

The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

10. Other Information:

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3,520	2,020	453,000
SURFACE	9-5/8"	0 to 2,215	36.00	J-55	LTC	1.01	1.95	7.23
PRODUCTION	4-1/2"	0 to 9,080	11.60	I-80	LTC	2.26	1.17	2.19

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 - (0.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.6 ppg) 0.22 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 3,347 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
 (Burst Assumptions: TD = 11.6 ppg) 0.59 psi/ft = bottomhole gradient
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MABHP 5,374 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	215	60%	15.60	1.18
Option 1							
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt + 2% CaCl + 0.25 pps flocele Premium cmt + 2% CaCl	380	0%	15.60	1.18
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2	LEAD	1,715'	65/35 Poz + 6% Gel + 10 pps gilsonite + 0.25 pps Flocele + 3% salt BWOW	410	35%	12.60	1.81
	TAIL	500'	Premium cmt + 2% CaCl + 0.25 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	3,900'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	370	40%	11.00	3.38
	TAIL	5,180'	50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3	1,270	40%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL 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. No centralizers will be used.

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. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip. Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

Surveys will be taken at 1,000' minimum intervals.

Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

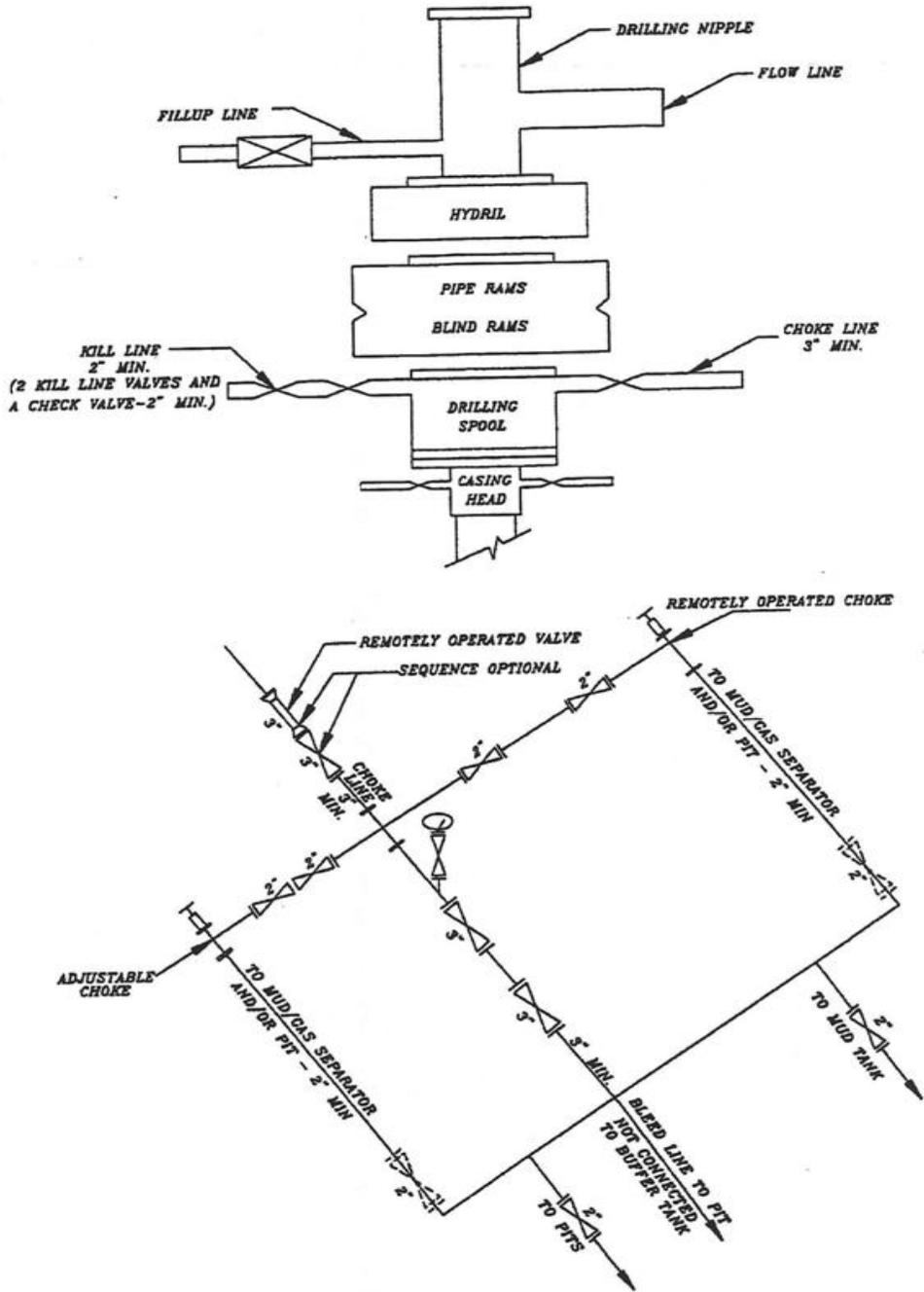
DRILLING ENGINEER: _____
 John Huycke / Emile Goodwin

DATE: _____

DRILLING SUPERINTENDENT: _____
 John Merkel / Lovel Young

DATE: _____

EXHIBIT A NBU 922-3304S



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

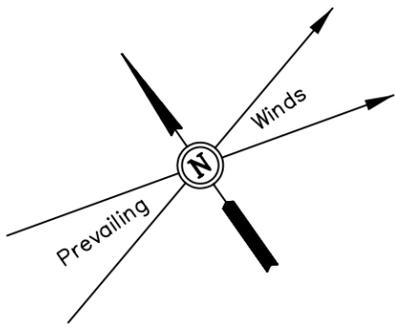
Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

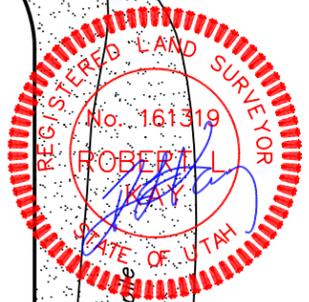
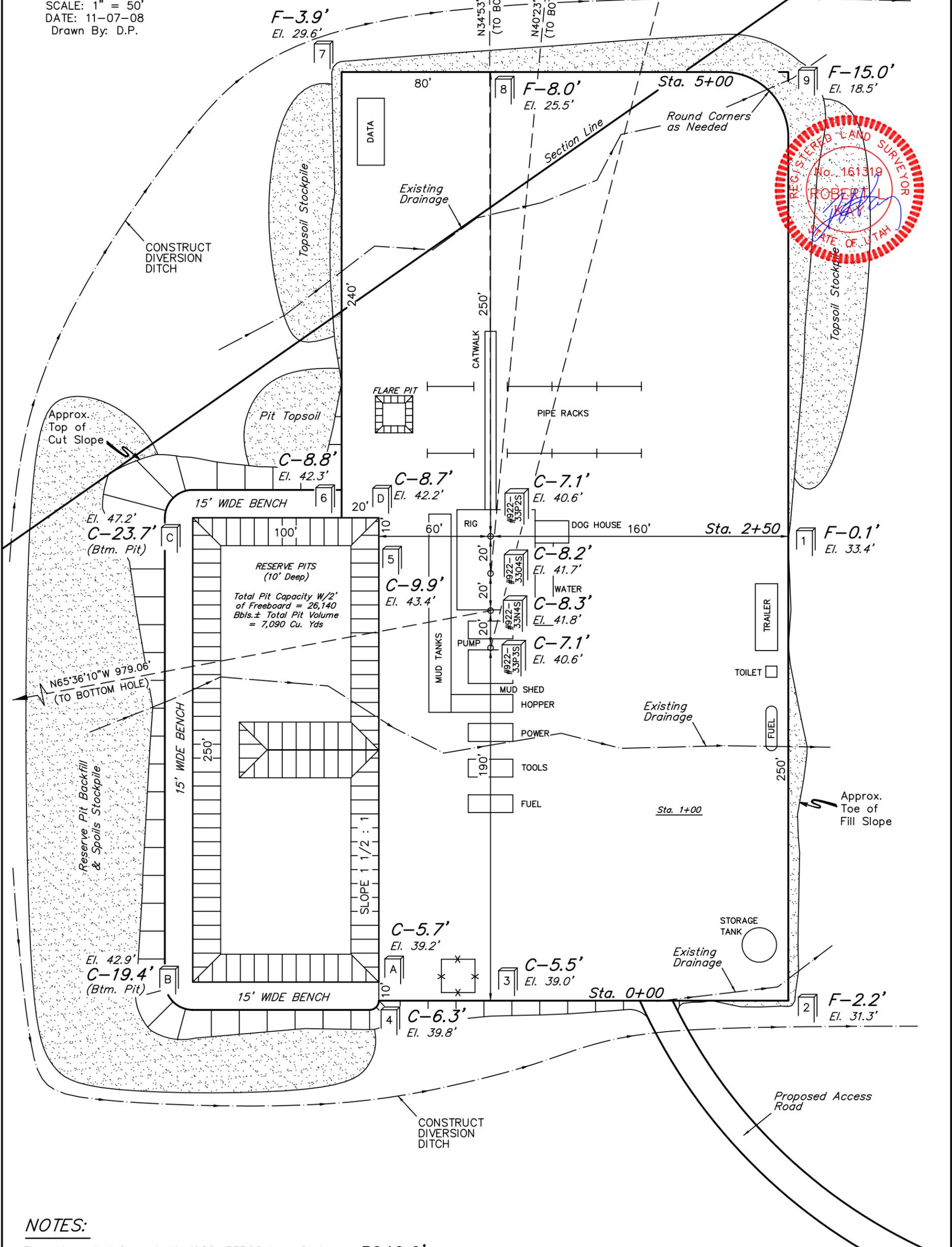
NBU #922-33P2S, #922-3304S, #922-33N4S & #922-33P3S
SECTION 4, T10S, R22E, S.L.B.&M.

Lot 2

FIGURE #1



SCALE: 1" = 50'
DATE: 11-07-08
Drawn By: D.P.



NOTES:

Elev. Ungraded Ground At #922-33P2S Loc. Stake = 5040.6'
FINISHED GRADE ELEV. AT #922-33P2S LOC. STAKE = 5033.5'

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

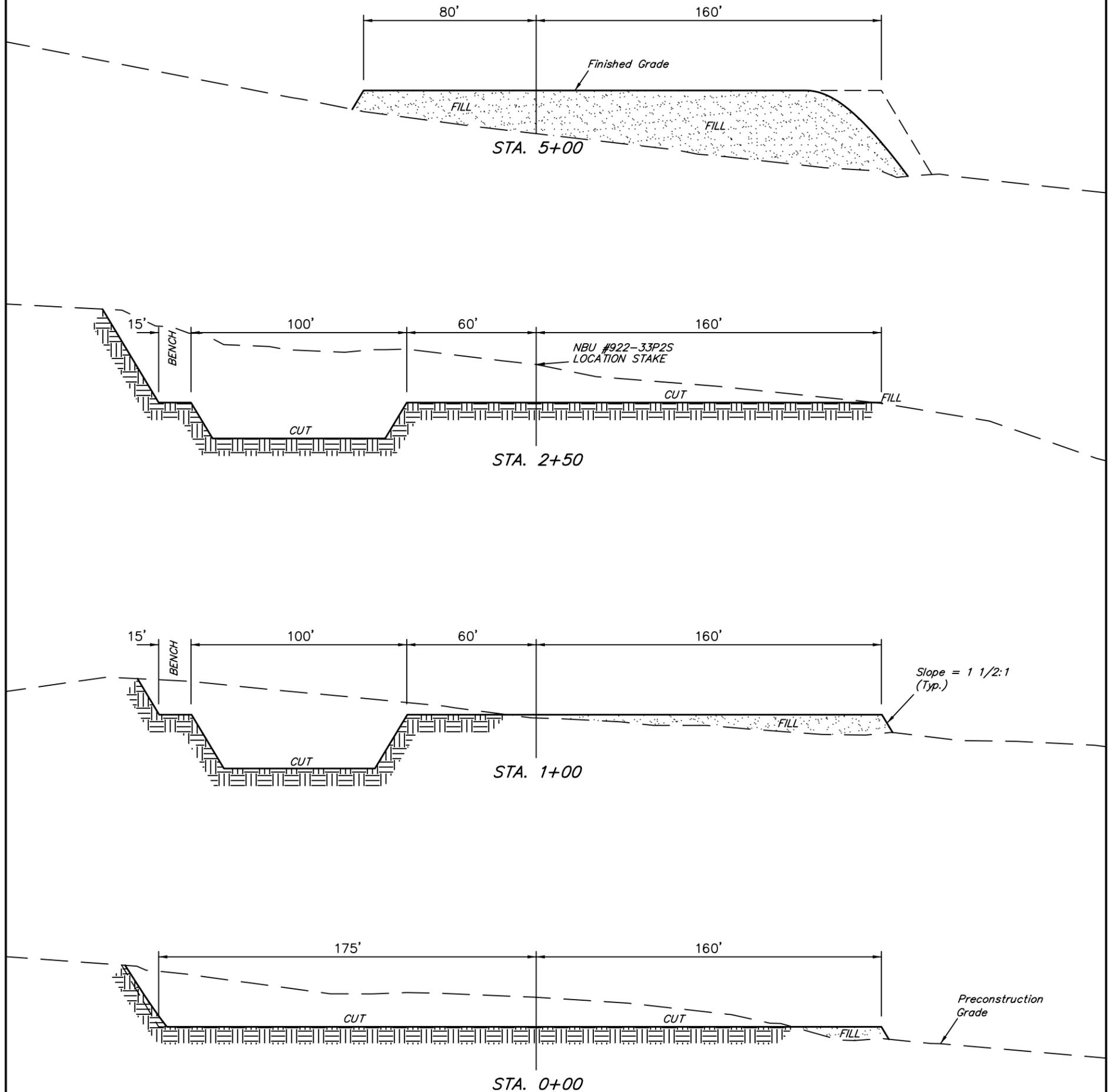
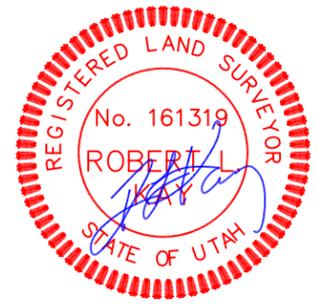
NBU #922-33P2S, #922-3304S, #922-33N4S & #922-33P3S

SECTION 4, T10S, R22E, S.L.B.&M.

Lot 2

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

DATE: 11-07-08
Drawn By: D.P.



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

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

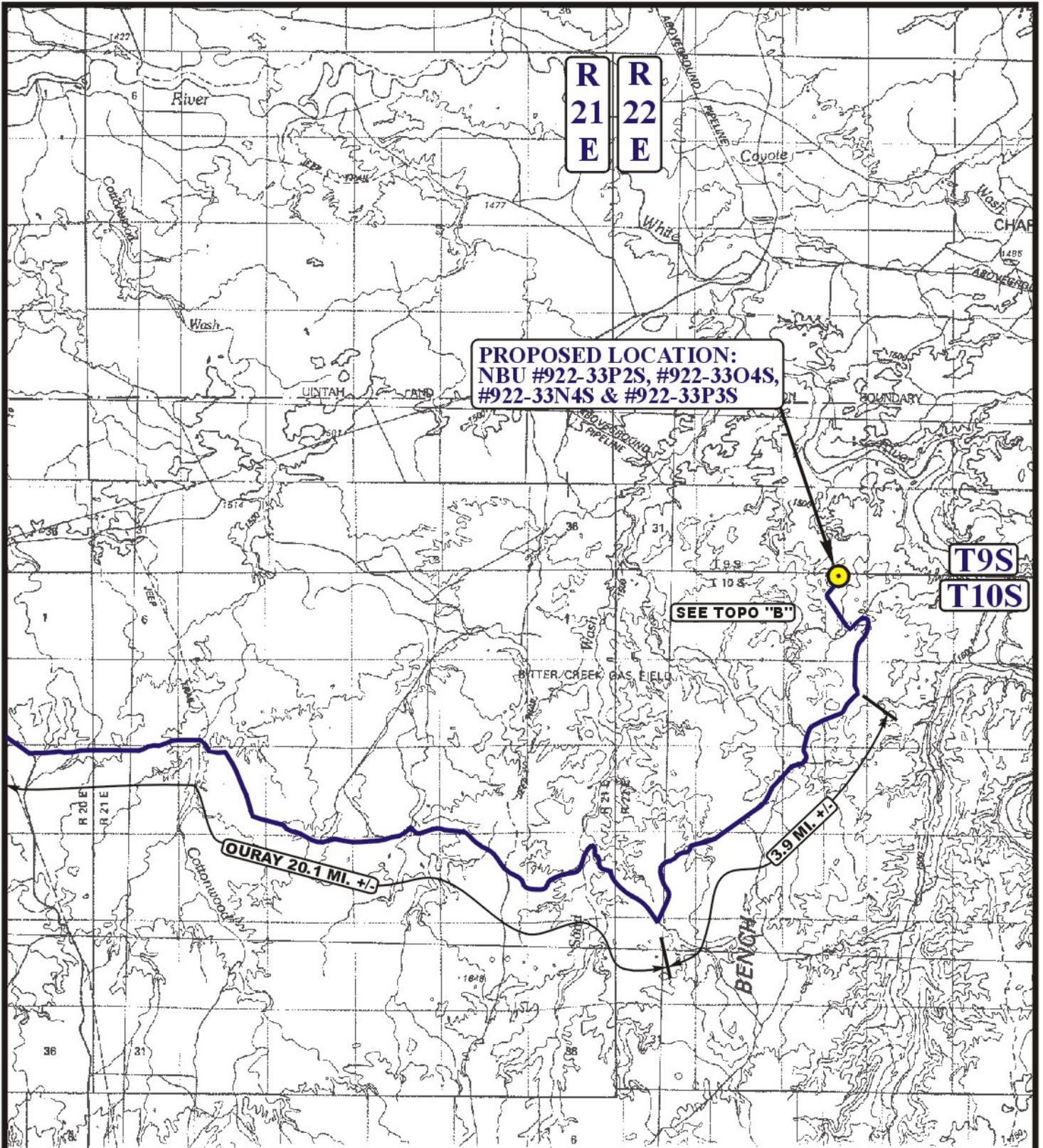
APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 4.595 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.128 ACRES
PIPELINE DISTURBANCE	= ± 0.055 ACRES
TOTAL	= ± 4.778 ACRES

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 3,140 Cu. Yds.
Remaining Location	= 20,190 Cu. Yds.
TOTAL CUT	= 23,330 CU.YDS.
FILL	= 16,640 CU.YDS.

EXCESS MATERIAL	= 6,690 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,690 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.



LEGEND:

● PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #922-33P2S, #922-33O4S, #922-33N4S
& #922-33P3S
SECTION 4, T10S, 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

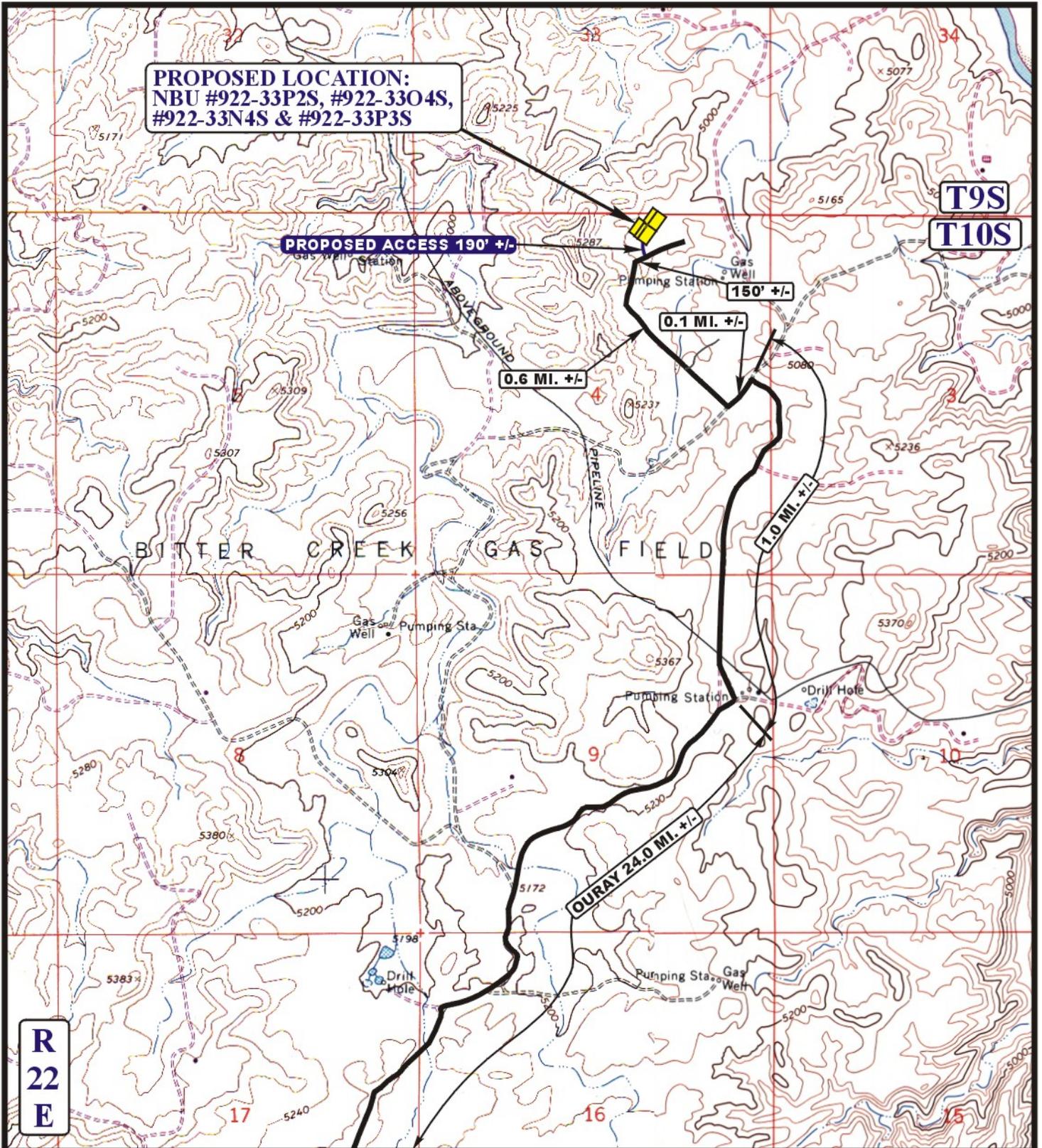


TOPOGRAPHIC
MAP

11 10 08
MONTH DAY YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS



Kerr-McGee Oil & Gas Onshore LP

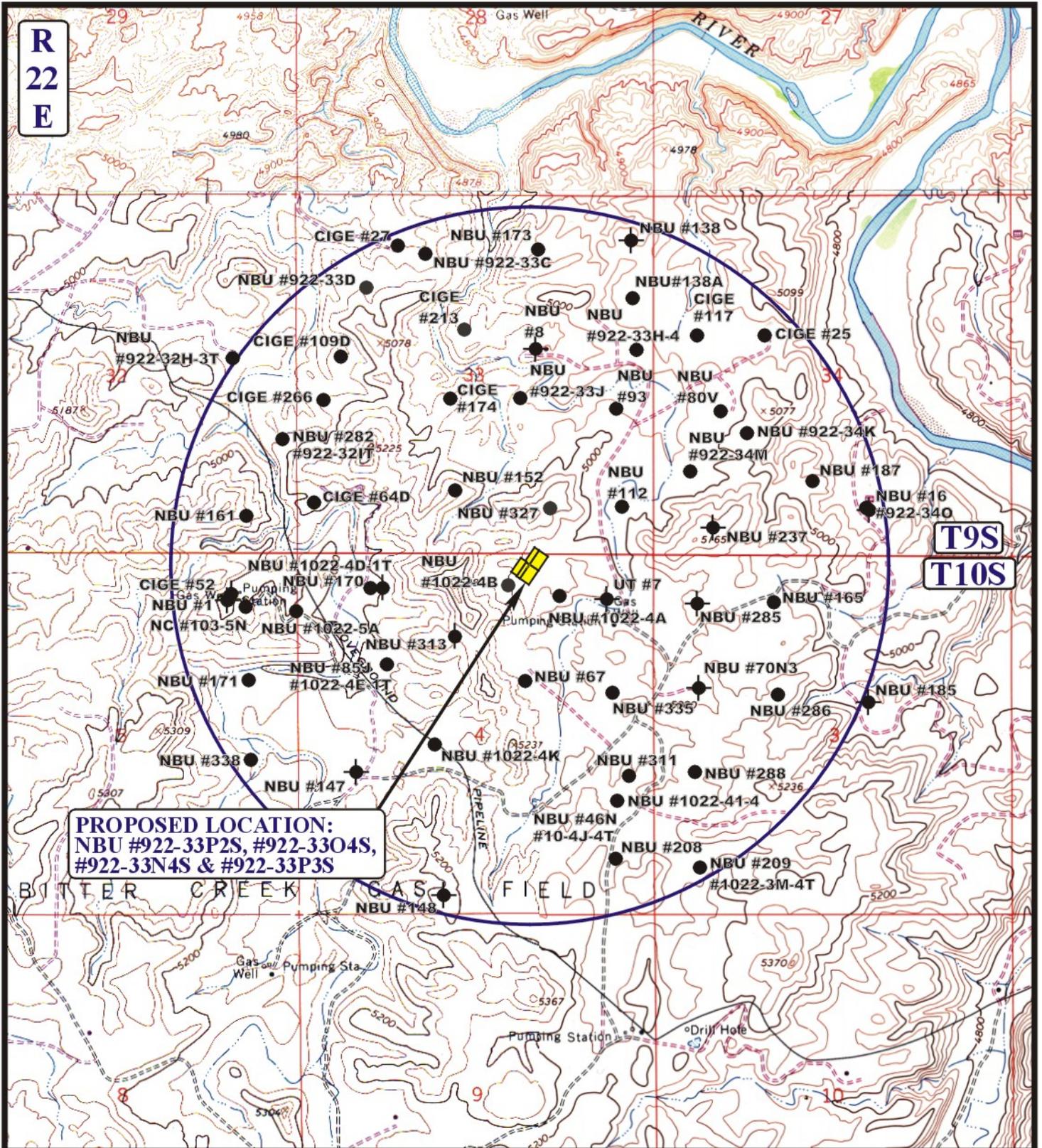
NBU #922-33P2S, #922-33O4S, #922-33N4S
 & #922-33P3S
 SECTION 4, T10S, R22E, S.L.B.&M.
 LOT 2



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

TOPOGRAPHIC **11 10 08**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 00-00-00





**PROPOSED LOCATION:
NBU #922-33P2S, #922-33O4S,
#922-33N4S & #922-33P3S**

LEGEND:

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

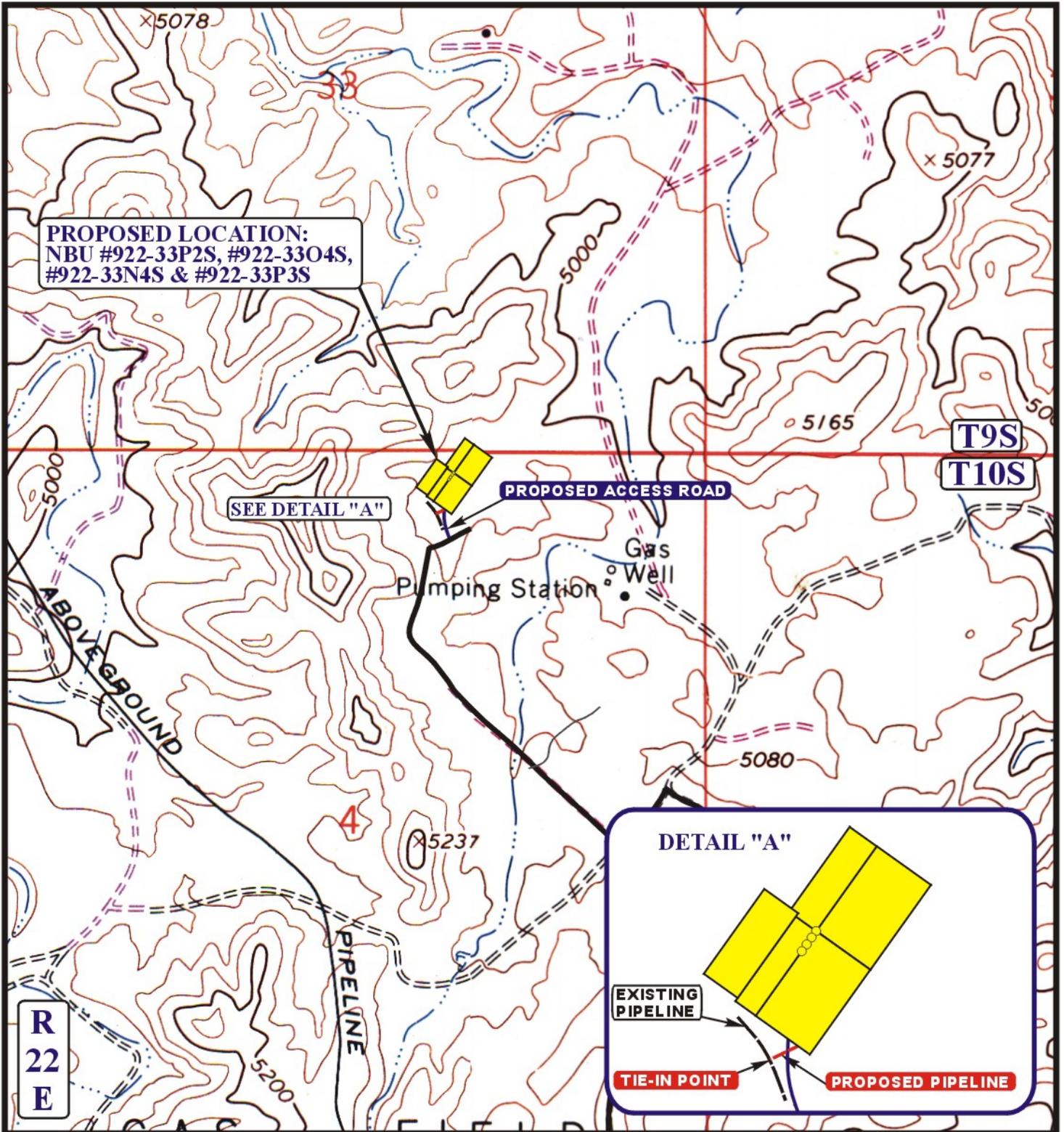


Kerr-McGee Oil & Gas Onshore LP

NBU #922-33P2S, #922-33O4S, #922-33N4S
& #922-33P3S
SECTION 4, T10S, R22E, S.L.B.&M.
LOT 2

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

TOPOGRAPHIC MAP 11 06 08
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 00-00-00 **TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 80' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

Kerr-McGee Oil & Gas Onshore LP

NBU #922-33P2S, #922-33O4S, #922-33N4S
& #922-33P3S
SECTION 4, T10S, R22E, S.L.B.&M.
LOT 2



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



TOPOGRAPHIC
MAP

11 10 08
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: D.P. REVISED: 00-00-00

D
TOPO

Kerr-McGee Oil & Gas Onshore LP

NBU #922-33P2S, #922-33O4S, #922-33N4S & #922-33P3S

LOCATED IN UINTAH COUNTY, UTAH

SECTION 4, T10S, R22E, S.L.B.&M.

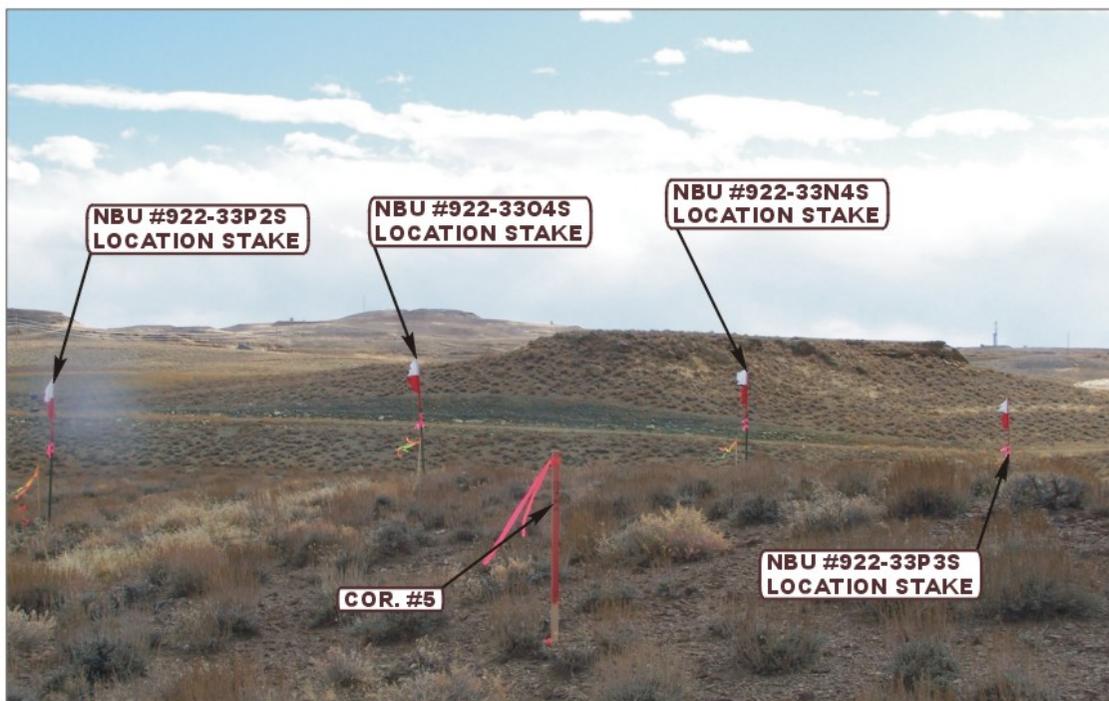


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



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

LOCATION PHOTOS	11	10	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: D.P.	REVISED: 00-00-00		

Kerr-McGee Oil & Gas Onshore LP

NBU #922-33P2S, #922-33O4S, #922-33N4S & #922-33P3S

PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 4, T10S, R22E, S.L.B.&M.



PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

PIPELINE PHOTOS	11	10	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: D.P.		REVISED: 00-00-00	

Kerr-McGee Oil & Gas Onshore LP
NBU #922-33P2S, #922-33O4S, #922-33N4S
& #922-33P3S
SECTION 4, T10S, 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, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 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, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 150' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 190' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.7 MILES.

NBU 922-33N4S

Surface: 178' FNL, 1,840' FEL (NW/4NE/4) Sec. 4 T10S R22E - Lot 2
BHL: 227' FSL 2,546' FWL (SE/4SW/4) Sec. 33 T9S R22E
Mineral Lease: UTU 01191A

NBU 922-33O4S

Surface: 162' FNL, 1,829' FEL (NW/4NE/4) Sec. 4 T10S R22E - Lot 2
BHL: 253' FSL 1,474' FEL (SW/4SE/4) Sec. 33 T9S R22E
Mineral Lease: UTU 01191

NBU 922-33P2S

Surface: 145' FNL, 1,817' FEL (NW/4NE/4) Sec. 4 T10S R22E - Lot 2
BHL: 1,097' FSL 948' FEL (SE/4SE/4) Sec. 33 T9S R22E
Mineral Lease: UTU 01191

NBU 922-33P3S

Surface: 194' FNL, 1,852' FEL (NW/4NE/4) Sec. 4 T10S R22E - Lot 2
BHL: 585' FSL 935' FEL (SE/4SE/4) Sec. 33 T9S R22E
Mineral Lease: UTU 01191

Pad: Bonanza 1022-4B

Uintah, Utah

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN
SUBMITTED WITH SITE-SPECIFIC INFORMATION***

This Application for Permit to Drill (APD) is filed under the Notice of Staking (NOS) process as stated in Onshore Order No. 1 (OSO #1) and supporting Bureau of Land Management (BLM) documents. An NOS was submitted in March 17, 2009 showing the surface locations in NW/4 NE/4 of Section 4 T10S R22E.

This Surface Use Plan of Operations (SUPO) or 13-point plan provides the site-specific information for the above-referenced wells. This information is to be incorporated by reference into the Master Development Plan (MDP) for Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee). The MDP is available upon request from the BLM-Vernal Field Office.

An on-site meeting was held on March 31, 2009. Present were:

- Verlyn Pindell, Dave Gordon – BLM;
- Kolby Kay – 609 Consulting, LLC
- Tony Kazeck, Raleen White, Sheila Upchego, Grizz Oleen, Hal Blanchard, Charles Chase and Jeff Samuels – Kerr-McGee.

Directional Drilling:

In accordance with Utah Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling, this well will be directionally drilled in order to access portions of our lease which are otherwise inaccessible due to topography.

1. Existing Roads:

- A) Refer to Topo Map A for directions to the location.
- B) Refer to Topo Maps A and B for location of access roads within a 2-mile radius.
- C) Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

See MDP for additional details on road construction.

Approximately ±0.04 miles (±190') of new access road is proposed. Please refer to the attached Topo Map B. No pipelines will be crossed with the new construction.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site and are typically shown on the attached Exhibits and Topo maps.

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

Please refer to Topo Map C.

4. Location of Existing and Proposed Facilities:

See MDP for additional details on Existing and Proposed Facilities.

5. Location and Type of Water Supply:

See MDP for additional details on Location and Type of Water Supply.

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32 T4S R3E, Water User Claim number 43-8496, Application number 53617. Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

See MDP for additional details on Source of Construction Materials.

7. Methods of Handling Waste Materials:

See MDP for additional details on Methods of Handling Waste Materials.

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 in Sec. 5 T9S R22E
NBU #159 in Sec. 35 T9S R21E
Ace Oilfield in Sec. 2 T6S R20E
MC&MC in Sec. 12 T6S R19E
Pipeline Facility in Sec. 36 T9S R20E
Goat Pasture Evaporation Pond in SW/4 Sec. 16 T10S R22E
Bonanza Evaporation Pond in Sec. 2 T10S R23E

8. Ancillary Facilities:

See MDP for additional details on Ancillary Facilities.

None are anticipated.

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

See MDP for additional details on Well Site Layout.

All pits will be fenced according to the following minimum standards:

- Net wire (39-inch) will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
- All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

10. Plans for Reclamation of the Surface:

See MDP for additional details on Plans for Reclamation of the Surface.

11. Surface/Mineral Ownership:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. Other Information:

See MDP for additional details on Other Information.

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

Kathy Schneebeck Dulnoan
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6007

Tommy Thompson
General Manager, Drilling
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720-929-6724)

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.

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.

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 terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Land Management Nationwide Bond WYB000291.

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 I have full knowledge of the State and Federal laws applicable to this operation; 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 in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.



Danielle Piernot

June 8, 2009

Date



Kerr-McGee Oil & Gas Onshore LP

1099 18th Street, Suite 1800
Denver, CO 80202-1918
P.O. Box 173779
Denver, CO 80217-3779
720-929-6000

April 8, 2009

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 922-33O4S
T9S-R22E
Section 33: SWSE
Surface: 162' FNL, 1829' FEL
Bottom Hole: 253' FSL, 1474' FWL
Uintah County, Utah

Dear Mrs. Mason:

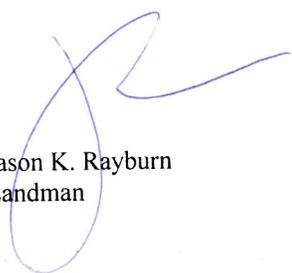
Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 922-33O4S 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

CLASS I REVIEW OF KERR-MCGEE OIL AND GAS
ONSHORE LP'S 46 PROPOSED WELL LOCATIONS
(T9S, R22E, SEC. 29, 30, 31, 32, 33, 34; T10S, R22E, SEC. 4)
UINTAH COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School & Institutional Trust Lands Administration

Prepared Under Contract With:

Kerr-McGee Oil and Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-356

February 26, 2009

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

Public Lands Policy Coordination Office
Archaeological Survey Permit No. 117

IPC #08-325

Paleontological Reconnaissance Survey Report

**Survey of Kerr McGee's Proposed Multi-Well Pads, Access Roads,
and Pipelines for "NBU #922-33E2DS, 33E3AS, 33F3DS, &
33E3DS" & "NBU #922-33P2S, 33P3S, 33N4S, & 33O4S"
(Sec. 33, T 9 S, R 22 E) & (Sec. 4, T 10 S, R 22 E)**

Archy Bench
Topographic Quadrangle
Uintah County, Utah

December 16, 2008

Prepared by Stephen D. Sandau
Paleontologist for
Intermountain Paleo-Consulting
P. O. Box 1125
Vernal, Utah 84078

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)

June 12, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2009 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 2009 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ WASATCH-MESA VERDE)		
43-047-50465	NBU 922-33O4S Sec 04	T10S R22E 0162 FNL 1829 FEL
	BHL Sec 33	T09S R22E 0253 FSL 1474 FEL
43-047-50464	NBU 922-33N4S Sec 04	T10S R22E 0178 FNL 1840 FEL
	BHL Sec 33	T09S R22E 0227 FSL 2546 FWL
43-047-50466	NBU 922-33P2S Sec 04	T10S R22E 0145 FNL 1817 FEL
	BHL Sec 33	T09S R22E 1097 FSL 0948 FEL
43-047-50467	NBU 922-33P3S Sec 04	T10S R22E 0194 FNL 1852 FEL
	BHL Sec 33	T09S R22E 0585 FSL 0935 FEL

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:6-12-09

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 6/8/2009

API NO. ASSIGNED: 43047504650000

WELL NAME: NBU 922-3304S

OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. (N2995)

PHONE NUMBER: 720 929-6156

CONTACT: Danielle Piernot

PROPOSED LOCATION: NWNE 4 100S 220E

Permit Tech Review:

SURFACE: 0162 FNL 1829 FEL

Engineering Review:

BOTTOM: 0253 FSL 1474 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 39.98478

LONGITUDE: -109.44135

UTM SURF EASTINGS: 633082.00

NORTHINGS: 4427021.00

FIELD NAME: NATURAL BUTTES

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU 01191

PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - WYB000291
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Permit #43-8496
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
Unit: NATURAL BUTTES
 - R649-3-2. General
 - R649-3-3. Exception
 - Drilling Unit
Board Cause No: Cause 173-14
Effective Date: 12/2/1999
Siting: 460' fr u bdry & uncomm. tract
 - R649-3-11. Directional Drill
-

Comments: Presite Completed
BHL SEC 33 T9S:

Stipulations: 3 - Commingle - ddoucet
4 - Federal Approval - dmason
15 - Directional - dmason
17 - Oil Shale 190-5(b) - dmason



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

Permit To Drill

Well Name: NBU 922-33O4S
API Well Number: 43047504650000
Lease Number: UTU 01191
Surface Owner: FEDERAL
Approval Date: 6/17/2009

Issued to:

KERR-MCGEE OIL & GAS ONSHORE, L.P., P.O. Box 173779, Denver, CO 80217

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 173-14. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

Commingling:

In accordance with Board Cause No. 173-14, completion into and commingling of production from the Wasatch and Mesaverde formations is allowed.

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.

Conditions of Approval:

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

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.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale

Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Notification Requirements:

Notify the Division within 24 hours of spudding the well.

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

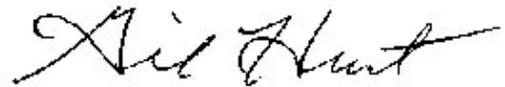
Notify the Division prior to commencing operations to plug and abandon the well.

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

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.

Approved By:

A handwritten signature in black ink that reads "Gil Hunt". The signature is written in a cursive, flowing style.

Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 01191
---	--

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: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 922-3304S
------------------------------------	--

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504650000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
---	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0162 FNL 1829 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 4 Township: 10.0S 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/17/2010 <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 type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____

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

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 23, 2010

By:

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/17/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047504650000

API: 43047504650000

Well Name: NBU 922-3304S

Location: 0162 FNL 1829 FEL QTR NWNE SEC 4 TWNP 100S RNG 220E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 6/17/2009

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 rightof- 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

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

Signature: Danielle Piernot

Date: 6/17/2010

Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: June 23, 2010

By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 01191
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: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 922-3304S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504650000
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: 0162 FNL 1829 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 4 Township: 10.0S 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: 6/17/2010	<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 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 checked="" 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.

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Approved by the Utah Division of Oil, Gas and Mining

Date: June 23, 2010

By:

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/17/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047504650000

API: 43047504650000

Well Name: NBU 922-3304S

Location: 0162 FNL 1829 FEL QTR NWNE SEC 4 TWNP 100S RNG 220E MER S

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Date Original Permit Issued: 6/17/2009

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

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

Signature: Danielle Piernot

Date: 6/17/2010

Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: June 23, 2010

By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 01191
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: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 922-3304S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504650000
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: 0162 FNL 1829 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 10.0S 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: 6/17/2011	<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 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 checked="" 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.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: 05/16/2011

By:

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 5/13/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047504650000

API: 43047504650000

Well Name: NBU 922-3304S

Location: 0162 FNL 1829 FEL QTR NWNE SEC 04 TWNP 100S RNG 220E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 6/17/2009

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 rightof- 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: Gina Becker

Date: 5/13/2011

Title: Regulatory Analyst II **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



OCT 31 2011

IN REPLY REFER TO:
3160 (UTG011)

Julie Jacobson
Kerr McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779

43 047 50465
Re: Request to Return APD
Well No. NBU 922-33O4S
Lot 2, Sec. 4, T10S, R22E
Uintah County, Utah
Lease No. UTU-01191
Natural Buttes Unit

Dear Ms. Jacobson:

The Application for Permit to Drill (APD) for the above referenced well received in this office on June 9, 2009, is being returned unapproved per a request to this office in an email message from Andy Lytle received on February 14, 2011. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

If you have any questions regarding APD processing, please contact Cindy Severson at (435) 781-4455.

Sincerely,

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

Enclosures

cc: UDOGM

RECEIVED

NOV 07 2011

DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor
GREG BELL
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

March 13, 2012

Jenn Hawkins
Kerr McGee Oil & Gas Onshore, L.P.
1099 18th Street, Suite 1800
Denver, CO 80202

Re: APDs Rescinded for Kerr McGee Oil & Gas Onshore, L.P.
Uintah County

Dear Ms. Hawkins:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective March 7, 2012.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal
SITLA, Ed Bonner



API Number	Well Name
4304750274	NBU 727-35E
4304737762	FEDERAL 920-24G
4304750439	FEDERAL 1022-15L
4304750440	FEDERAL 1022-15K
4304750441	FEDERAL 1021-25I
4304750442	FEDERAL 1021-25M
4304750443	FEDERAL 1021-25N
4304738796	FEDERAL 1022-27K
4304738980	BITTER CREEK 1122-3N
4304737763	FEDERAL 920-24H
4304739156	NBU 1022-24O
4304736573	NBU 1022-23C
4304751040	NBU 920-22L4CS
4304751041	NBU 920-22M1BS
4304751042	NBU 920-22M4BS
4304751051	NBU 920-23L2DS
4304751052	NBU 920-23L4BS
4304738921	NBU 1022-8B-4T
4304739253	NBU 921-15L
4304738159	NBU 1022-20B
4304738169	NBU 1022-28I
4304750464	NBU 922-33N4S
4304750465	NBU 922-33O4S
4304750466	NBU 922-33P2S
4304750467	NBU 922-33P3S
4304738820	LOVE 1121-18B
4304740189	NBU 922-35IT
4304738491	NBU 1022-5H-4
4304750093	NBU 1022-34F
4304750094	NBU 1022-35M
4304750095	NBU 1022-34E
4304750097	FEDERAL 1022-27M
4304750067	NBU 921-16F3S
4304750068	NBU 921-16E4S
4304737103	FEDERAL 1022-29C
4304750127	NBU 420-29E
4304739527	NBU 1021-20F
4304739528	NBU 1021-20E
4304739530	NBU 1021-20B
4304738741	LOVE 1121-7P
4304738742	LOVE 1121-7L
4304738744	LOVE 1121-7F
4304738745	LOVE 1121-7D
4304738747	LOVE 1121-8P
4304738750	LOVE 1121-8F
4304738754	LOVE 1121-15L
4304738755	LOVE 1121-15N
4304739525	NBU 1021-20H
4304738795	NBU 1022-27O
4304738807	NBU 1022-34D
4304738920	NBU 1022-4E-3
4304737547	NBU 1022-17P
4304751050	NBU 920-23L1BS
4304737907	NBU 1021-3L
4304737908	NBU 1021-3D

4304737909	NBU 1021-3H
4304737917	NBU 1021-25E
4304737911	NBU 1021-24C
4304750029	NBU 375-13E
4304750033	NBU 515-25E
4304750034	NBU 673-25E
4304750035	NBU 674-25E
4304737963	NBU 1021-3G
4304737965	NBU 1021-5D
4304737684	NBU 498-13E