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 1022-35O1CS
2. TYPE OF WORK DRILL NEW WELL ■ REENTER P&A WELL ○ DEEPEN WELL ○	**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 037167 / **11. MINERAL OWNERSHIP** FEDERAL ■ INDIAN ○ STATE ○ FEE ○	**12. SURFACE OWNERSHIP** FEDERAL ■ INDIAN ○ STATE ○ FEE ○
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 ■ (Submit Commingling Application) NO ○	**19. SLANT** VERTICAL ○ DIRECTIONAL ■ HORIZONTAL ○

20. LOCATION OF WELL	**FOOTAGES**	**QTR-QTR**	**SECTION**	**TOWNSHIP**	**RANGE**	**MERIDIAN**
LOCATION AT SURFACE	631 FSL 2146 FEL	SWSE	35	10.0 S	22.0 E	S
Top of Uppermost Producing Zone	670 FSL 1800 FEL	SWSE	35	10.0 S	22.0 E	S
At Total Depth	670 FSL 1800 FEL	SWSE	35	10.0 S	22.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 670	**23. NUMBER OF ACRES IN DRILLING UNIT** 1320
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 360	**26. PROPOSED DEPTH** MD: 8160 TVD: 8130
27. ELEVATION - GROUND LEVEL 5707	**28. BOND NUMBER**	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Permit #43-8496

ATTACHMENTS

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

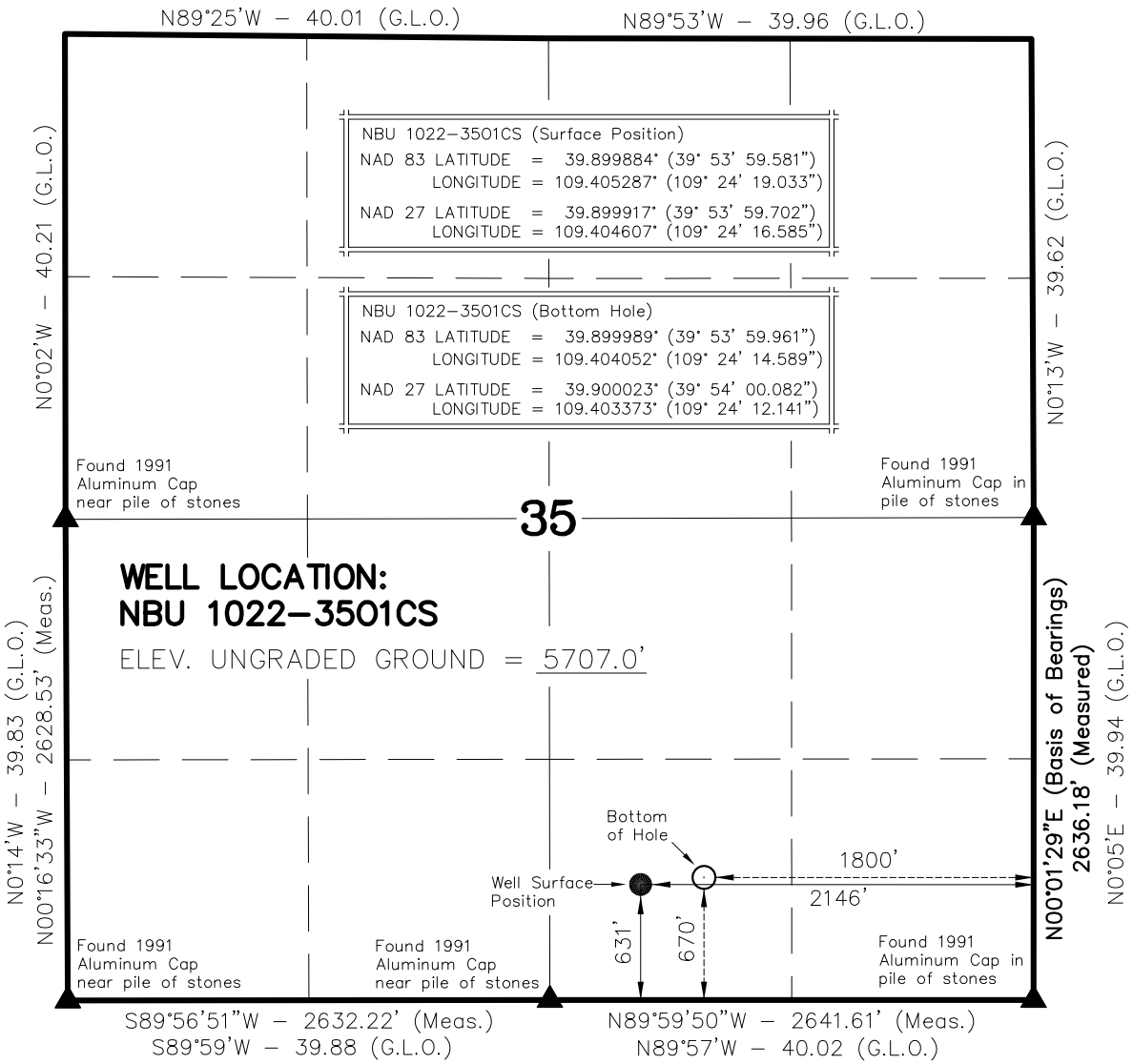
☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**	☑ **COMPLETE DRILLING PLAN**
☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**	☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**	☑ **TOPOGRAPHICAL MAP**

NAME Danielle Piernot	**TITLE** Regulatory Analyst	**PHONE** 720 929-6156
SIGNATURE	**DATE** 10/15/2009	**EMAIL** danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047507720000	**APPROVAL** Permit Manager	

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	4.5	0	8130		
Pipe	**Grade**	**Length**	**Weight**			
	Grade I-80 Buttress	8130	11.6			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	9.625	0	1880		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	1880	36.0			

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



NOTES:

▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. The Bottom of hole bears N83°37'36"E 348.56' from the Surface Position.
4. Bearings are based on Global Positioning Satellite observations.
5. Basis of elevation is Tri–Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri–Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

N

1000' 500' 0' 1000'

SCALE

SURVEYOR'S 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.

REGISTERED LAND SURVEYOR No.362251 KOLBY R. KAY STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

Kerr–McGee
Oil & Gas Onshore, LP
1099 18th Street – Denver, Colorado 80202

NBU 1022-35O1CS
WELL PLAT
670' FSL, 1800' FEL (Bottom Hole)
SW $\frac{1}{4}$ SE $\frac{1}{4}$ OF SECTION 35, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE (435) 789–1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST – VERNAL, UTAH 84078

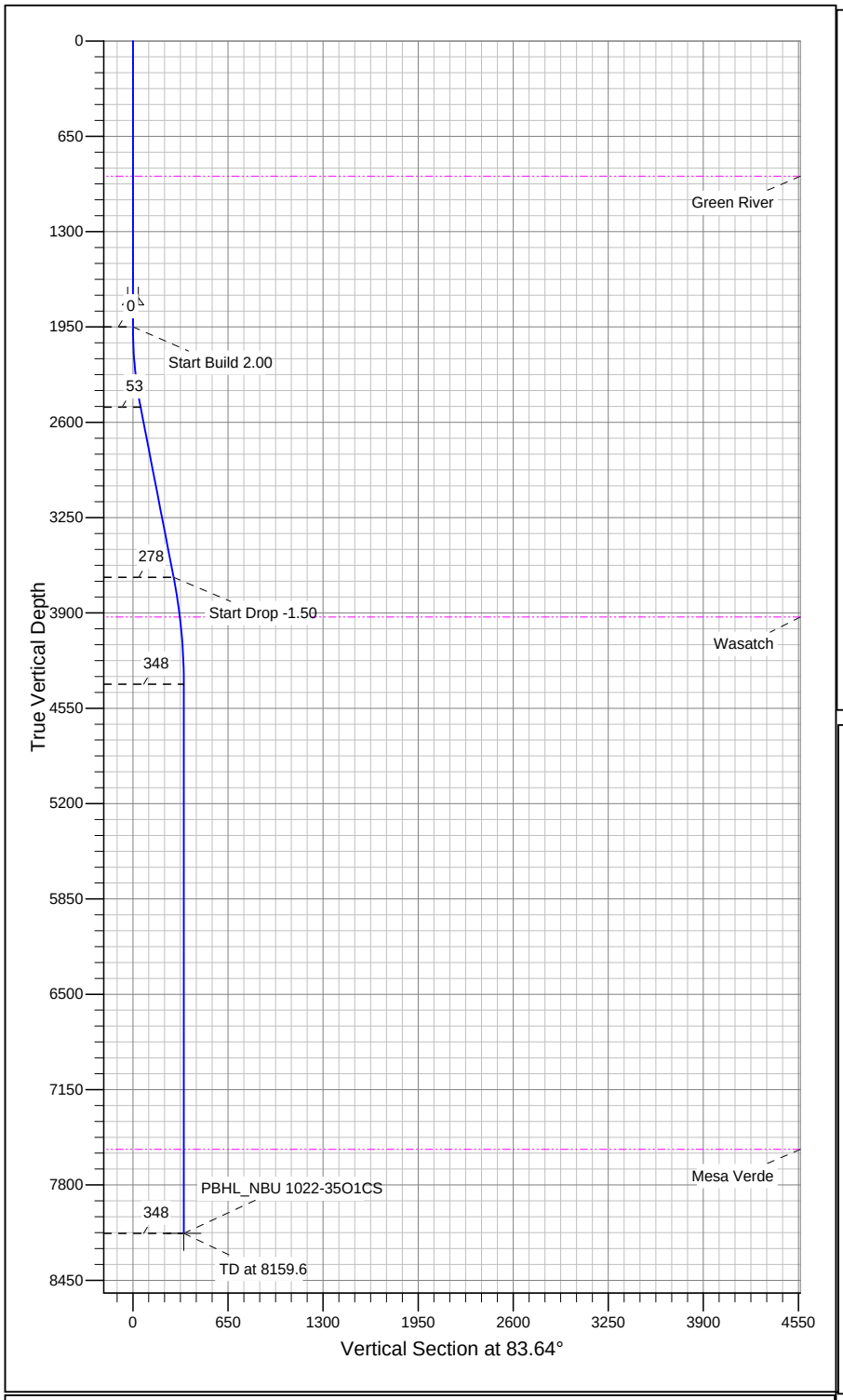
DATE SURVEYED: 01–29–09	SURVEYED BY: M.S.B.	SHEET
DATE DRAWN: 02–12–09	DRAWN BY: M.W.W.	4
SCALE: 1" = 1000'	Date Last Revised:	OF 13

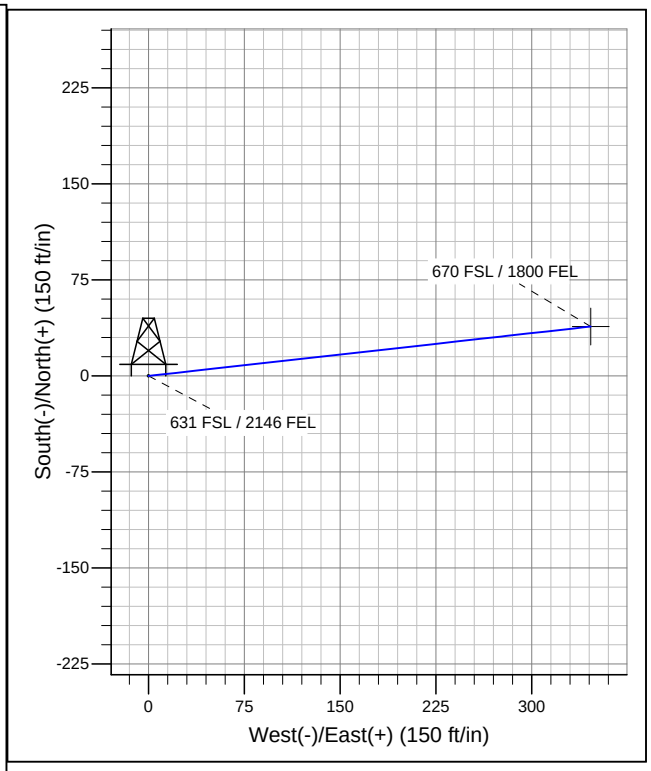
’APIWellNo:43047507720000’

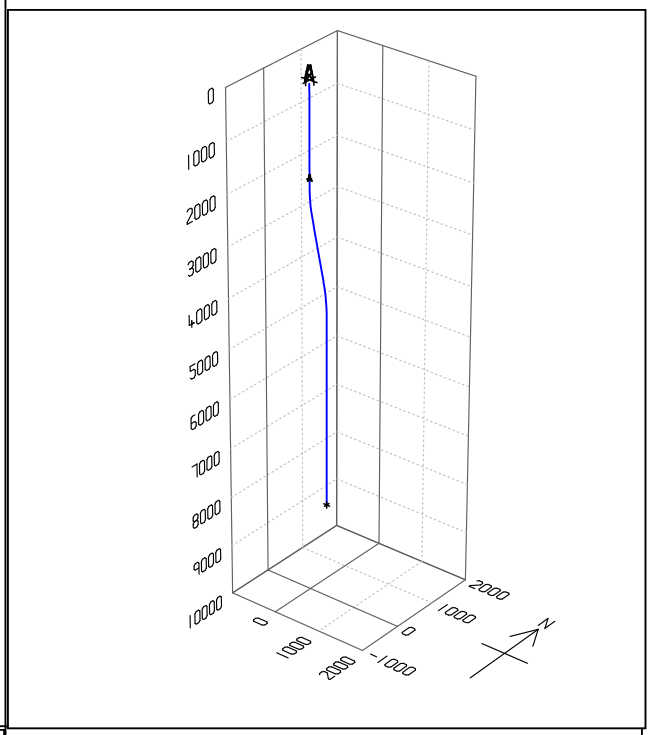
Anadarko Petroleum Corporation

Well Name: P_NBU 1022-35O1CS
Surface Location: UINTAH_NBU 1022-35O PAD
NAD 1927 (NADCON CONUS) Universal Transverse Mercator (US Survey Feet)
UTAH - UTM (feet), NAD27, Zone 12N
Ground Elevation: 5707.0

Northing	Easting	Latitude	Longitude
14493597.74	2087881.69	39.899917°N	109.404607°W

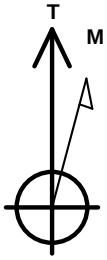






SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	1950.0	0.00	0.00	1950.0	0.0	0.0	0.00	0.00	0.0
3	2500.0	11.00	83.64	2496.6	5.8	52.3	2.00	83.64	52.6
4	3681.9	11.00	83.64	3656.8	30.8	276.4	0.00	0.00	278.1
5	4415.2	0.00	0.00	4385.6	38.6	346.2	1.50	180.00	348.3
6	8159.6	0.00	0.00	8130.0	38.6	346.2	0.00	0.00	348.3



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52524.3snT
Dip Angle: 65.87°
Date: 4/15/2009
Model: IGRF200510

ROCKIES - PLANNING

UTAH - UTM (feet), NAD27, Zone 12N
UINTAH_NBU 1022-35O PAD
P_NBU 1022-35O1CS
P_NBU 1022-35O1CS

Plan: Plan #1 04-15-09 ZJRA6

Standard Planning Report - Geographic

15 April, 2009

APC

Planning Report - Geographic

Database:	apc_edmp	**Local Co-ordinate Reference:**	Well P_NBU 1022-35O1CS
Company:	ROCKIES - PLANNING	**TVD Reference:**	WELL @ 5707.0ft (Original Well Elev)
Project:	UTAH - UTM (feet), NAD27, Zone 12N	**MD Reference:**	WELL @ 5707.0ft (Original Well Elev)
Site:	UINTAH_NBU 1022-35O PAD	**North Reference:**	True
Well:	P_NBU 1022-35O1CS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	P_NBU 1022-35O1CS		
Design:	Plan #1 04-15-09 ZJRA6		

Project UTAH - UTM (feet), NAD27, Zone 12N

Map System:	Universal Transverse Mercator (US Survey Fee	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 12N (114 W to 108 W)		

Site UINTAH_NBU 1022-35O PAD

Site Position:		**Northing:**	14,493,603.59 ft	**Latitude:**	39.899936°N
From:	Lat/Long	**Easting:**	2,087,822.10 ft	**Longitude:**	109.404819°W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	1.02 °

Well P_NBU 1022-35O1CS

Well Position	**+N/-S**	0.0 ft	**Northing:**	14,493,597.74 ft	**Latitude:**	39.899917°N
	+E/-W	0.0 ft	**Easting:**	2,087,881.69 ft	**Longitude:**	109.404607°W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,707.0 ft

Wellbore P_NBU 1022-35O1CS

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	4/15/2009	11.28	65.87	52,524

Design Plan #1 04-15-09 ZJRA6

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	8,130.0	0.0	0.0	83.64

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,950.0	0.00	0.00	1,950.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,500.0	11.00	83.64	2,496.6	5.8	52.3	2.00	2.00	0.00	83.64	
3,681.9	11.00	83.64	3,656.8	30.8	276.4	0.00	0.00	0.00	0.00	
4,415.2	0.00	0.00	4,385.6	38.6	346.2	1.50	-1.50	0.00	180.00	
8,159.6	0.00	0.00	8,130.0	38.6	346.2	0.00	0.00	0.00	0.00	PBHL_NBU 1022-3

APC

Planning Report - Geographic

Database:	apc_edmp	**Local Co-ordinate Reference:**	Well P_NBU 1022-35O1CS
Company:	ROCKIES - PLANNING	**TVD Reference:**	WELL @ 5707.0ft (Original Well Elev)
Project:	UTAH - UTM (feet), NAD27, Zone 12N	**MD Reference:**	WELL @ 5707.0ft (Original Well Elev)
Site:	UINTAH_NBU 1022-35O PAD	**North Reference:**	True
Well:	P_NBU 1022-35O1CS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	P_NBU 1022-35O1CS		
Design:	Plan #1 04-15-09 ZJRA6		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	14,493,597.74	2,087,881.69	39.899917°N	109.404607°W
922.0	0.00	0.00	922.0	0.0	0.0	14,493,597.74	2,087,881.69	39.899917°N	109.404607°W
Green River									
1,800.0	0.00	0.00	1,800.0	0.0	0.0	14,493,597.74	2,087,881.69	39.899917°N	109.404607°W
Surface Casing									
1,950.0	0.00	0.00	1,950.0	0.0	0.0	14,493,597.74	2,087,881.69	39.899917°N	109.404607°W
2,500.0	11.00	83.64	2,496.6	5.8	52.3	14,493,604.51	2,087,933.89	39.899933°N	109.404421°W
3,681.9	11.00	83.64	3,656.8	30.8	276.4	14,493,633.50	2,088,157.52	39.900002°N	109.403622°W
3,955.5	6.90	83.64	3,927.0	35.5	318.7	14,493,638.97	2,088,199.72	39.900015°N	109.403471°W
Wasatch									
4,415.2	0.00	0.00	4,385.6	38.6	346.2	14,493,642.52	2,088,227.12	39.900023°N	109.403373°W
7,586.6	0.00	0.00	7,557.0	38.6	346.2	14,493,642.52	2,088,227.12	39.900023°N	109.403373°W
Mesa Verde									
8,159.6	0.00	0.00	8,130.0	38.6	346.2	14,493,642.52	2,088,227.12	39.900023°N	109.403373°W

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL_NBU 1022-35C - plan hits target center - Point	0.00	0.00	8,130.0	38.6	346.2	14,493,642.52	2,088,227.12	39.900023°N	109.403373°W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,800.0	1,800.0	Surface Casing	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,586.6	7,557.0	Mesa Verde		0.00	
3,955.5	3,927.0	Wasatch		0.00	
922.0	922.0	Green River		0.00	

NBU 1022-35O1CS

Pad: NBU 1022-35O
Surface: 631’ FSL 2,146’ FEL (SW/4SE/4)
BHL: 670’ FSL 1,800’ FEL (SW/4SE/4)
Sec. 35 T10S R22E

Uintah, Utah
Mineral Lease: UTU 037167

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

Formation	Depth	Resource
Uinta	0 – Surface	
Green River	922’	
Birds Nest	1,319’	Water
Mahogany	1,677’	Water
Wasatch	3,927’	Gas
Mesaverde	6,073’	Gas
MVU2	6,971’	Gas
MVL1	7,557’	Gas
TVD	8,130’	
TD	8,160’	

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 8,130' TVD, approximately equals 4,830 psi (calculated at 0.59 psi/foot).

Maximum anticipated surface pressure equals approximately 3,023 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

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

9. Variances:

Please 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.

Variance for FIT Requirements
KMG also respectfully requests a variance to Onshore Order 2, Section III, Part Bi, for the pressure integrity test (PIT, also known as a formation integrity test (FIT)). The air rig operation utilizes a 5M BOPE when drilling. This well is not an exploratory well and is being drilled in an area where the formation integrity is well known. Additionally, when an FIT is run with the mud weight as required, the casing shoe frequently breaks down and causes subsequent lost circulation when drilling the entire depth of the well.

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.

’APIWellNo:43047507720000’

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	September 25, 2009
WELL NAME	**NBU 1022-35O1CS**	TD	8,130' TVD 8,160' MD
FIELD	Natural Buttes	COUNTY Uintah STATE Utah	FINISHED ELEVATION 5,707'
SURFACE LOCATION	SW/4 SE/4 631' FSL 2,146' FEL	Sec 35 T 10S R 22E	
	Latitude: 39.899884	Longitude: -109.405287	NAD 83
BTM HOLE LOCATION	SW/4 SE/4 670' FSL 1,800' FEL	Sec 35 T 10S R 22E	
	Latitude: 39.899989	Longitude: -109.404052	NAD 83
OBJECTIVE ZONE(S)	Wasatch/Mesaverde		
ADDITIONAL INFO	Regulatory Agencies: BLM (Minerals), BLM (Surface), UDOGM Tri-County Health Dept.		

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'	14"		
			12-1/4"	9-5/8", 36#, J-55, LTC	Air mist

All water flows encountered while drilling will be reported to the appropriate agencies.

Green River @	**922'**
Top of Birds Nest @	**1,319'**
Mahogany @	**1,677'**
Preset f/ GL @	**1,880' MD**

Note: 12.25" surface hole will usually be drilled ±400' below the lost circulation zone (aka bird's nest). Drilled depth may be ±200' of the estimated set depth depending on the acutal depth of the loss zone.

Wasatch @	**3,927'**

Mud logging program TBD

Cased hole logging program from TD - surf csg

7-7/8"	4-1/2" 11.6# I-80 or equivalent BTC csg	Water / Fresh Water Mud 8.3-11.6 ppg

Mverde @	**6,073' TVD**
MVU2 @	**6,971' TVD**
MVU1 @	**7,557' TVD**

Max anticipated Mud required 11.6 ppg

	8,130' TVD
TD @	**8,160' MD**

’APIWellNo:43047507720000’

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	1,880	36.00	J-55	LTC	1.13	2.30	8.52
								7,780	6,350	278,000
PRODUCTION	4-1/2"	0	to	8,160	11.60	I-80	BTC	2.50	1.29	3.37

*Burst on suface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.97

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 3,023 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 4,830 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ 0.25 pps flocele				
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	380	0%	15.60	1.18
			+ 2% CaCl + 0.25 pps flocele				
			Premium cmt + 2% CaCl				
SURFACE			**NOTE: If well will circulate water to surface, option 2 will be utilized**				
Option 2	LEAD	1,380'	65/35 Poz + 6% Gel + 10 pps gilsonite	330	35%	12.60	1.81
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,420'	Premium Lite II +0.25 pps	330	40%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	4,740'	50/50 Poz/G + 10% salt + 2% gel	1,160	40%	14.30	1.31
			+ 0.1% R-3				

*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.

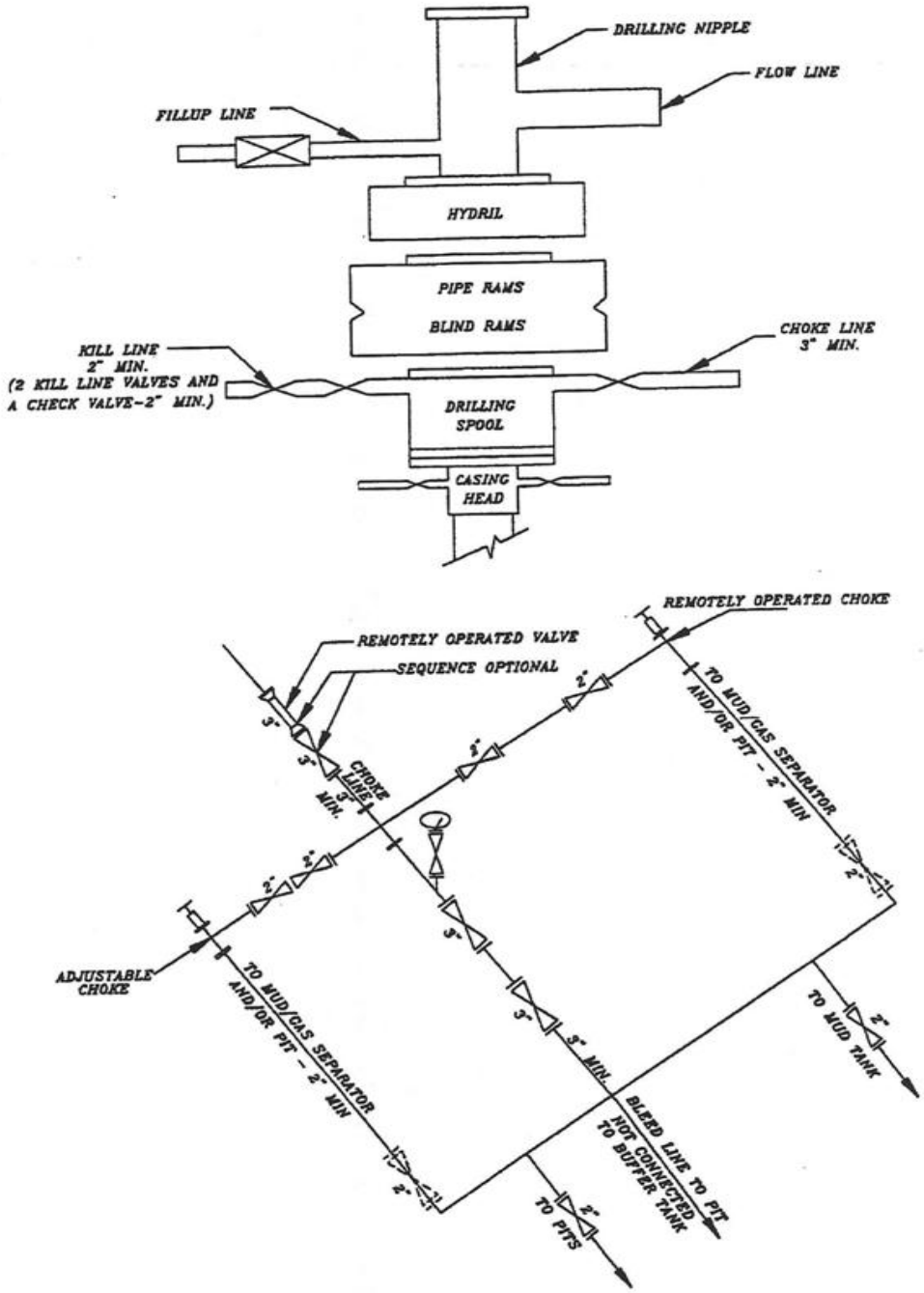
Surveys will be taken at 1,000' minimum intervals.

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

DRILLING ENGINEER: _____ **DATE:** _____
John Huycke / Emile Goodwin

DRILLING SUPERINTENDENT: _____ **DATE:** _____
John Merkel / Lovel Young

EXHIBIT A
NBU 1022-35O1CS



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

WELL PAD INTERFERENCE PLAT

DIRECTIONAL PAD – NBU 1022–350

BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 35, T10S, R22E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°01'29"E.

SURFACE POSITION FOOTAGES:

NBU 1022–35N1CS
638' FSL & 2206' FEL

NBU 1022–35K4CS
636' FSL & 2186' FEL

NBU 1022–3501BS
634' FSL & 2166' FEL

NBU 1022–3501CS
631' FSL & 2146' FEL

EXISTING WELL NBU 1022–350
610' FSL & 2139' FEL

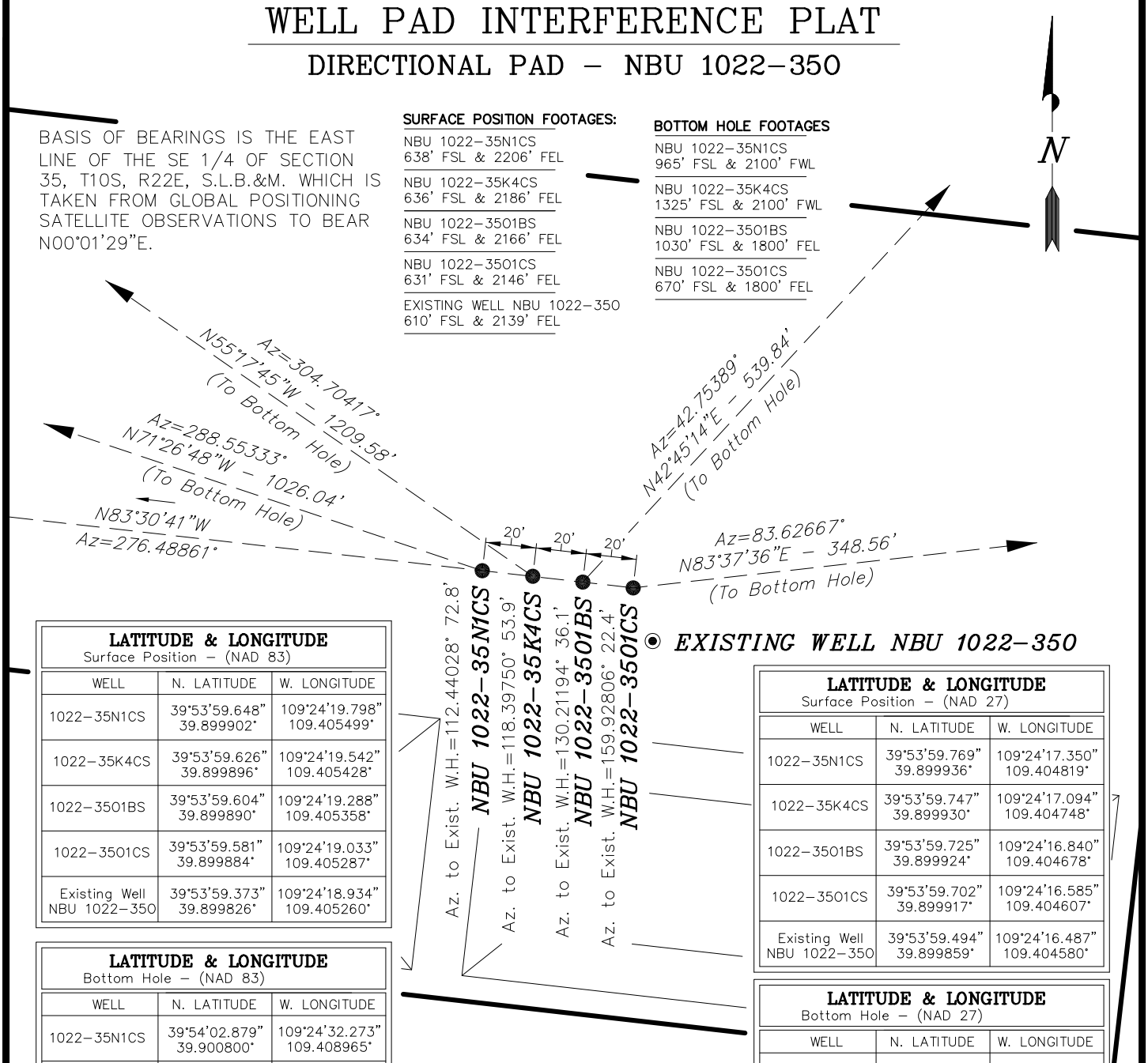
BOTTOM HOLE FOOTAGES

NBU 1022–35N1CS
965' FSL & 2100' FWL

NBU 1022–35K4CS
1325' FSL & 2100' FWL

NBU 1022–3501BS
1030' FSL & 1800' FEL

NBU 1022–3501CS
670' FSL & 1800' FEL



LATITUDE & LONGITUDE
Surface Position – (NAD 83)

WELL	N. LATITUDE	W. LONGITUDE
1022–35N1CS	39°53'59.648" 39.899902°	109°24'19.798" 109.405499°
1022–35K4CS	39°53'59.626" 39.899896°	109°24'19.542" 109.405428°
1022–3501BS	39°53'59.604" 39.899890°	109°24'19.288" 109.405358°
1022–3501CS	39°53'59.581" 39.899884°	109°24'19.033" 109.405287°
Existing Well NBU 1022–350	39°53'59.373" 39.899826°	109°24'18.934" 109.405260°

LATITUDE & LONGITUDE
Surface Position – (NAD 27)

WELL	N. LATITUDE	W. LONGITUDE
1022–35N1CS	39°53'59.769" 39.899936°	109°24'17.350" 109.404819°
1022–35K4CS	39°53'59.747" 39.899930°	109°24'17.094" 109.404748°
1022–3501BS	39°53'59.725" 39.899924°	109°24'16.840" 109.404678°
1022–3501CS	39°53'59.702" 39.899917°	109°24'16.585" 109.404607°
Existing Well NBU 1022–350	39°53'59.494" 39.899859°	109°24'16.487" 109.404580°

LATITUDE & LONGITUDE
Bottom Hole – (NAD 83)

WELL	N. LATITUDE	W. LONGITUDE
1022–35N1CS	39°54'02.879" 39.900800°	109°24'32.273" 109.408965°
1022–35K4CS	39°54'06.436" 39.901788°	109°24'32.292" 109.408970°
1022–3501BS	39°54'03.517" 39.900977°	109°24'14.584" 109.404051°
1022–3501CS	39°53'59.961" 39.899989°	109°24'14.589" 109.404052°

LATITUDE & LONGITUDE
Bottom Hole – (NAD 27)

WELL	N. LATITUDE	W. LONGITUDE
1022–35N1CS	39°54'03.001" 39.900834°	109°24'29.824" 109.408285°
1022–35K4CS	39°54'06.558" 39.901822°	109°24'29.844" 109.408290°
1022–3501BS	39°54'03.639" 39.901011°	109°24'12.136" 109.403371°
1022–3501CS	39°54'00.082" 39.900023°	109°24'12.141" 109.403373°

RELATIVE COORDINATES
From Surface Position to Bottom Hole

WELL	NORTH	EAST
1022–35N1CS	326'	–973'
1022–35K4CS	689'	–994'
1022–3501BS	396'	366'
1022–3501CS	39'	346'

60' 30' 0' 60'
SCALE

Kerr–McGee
Oil & Gas Onshore, LP
1099 18th Street – Denver, Colorado 80202

NBU 1022-35N1CS, NBU 1022-35K4CS, NBU 1022-35O1BS & NBU 1022-35O1CS LOCATED IN SECTION 35, T10S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

DATE SURVEYED: 01-29-09	SURVEYED BY: M.S.B.
DATE DRAWN: 02-12-09	DRAWN BY: M.W.W.
	REVISED:

Timberline (435) 789–1365
Engineering & Land Surveying, Inc.
209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET 5 OF 13

’APIWellNo:43047507720000’

EXISTING ACCESS ROAD

EXISTING TOPSOIL PILE
MOVE TO PROPOSED LOCATION

PROPOSED ACCESS
ROAD RE-ROUTE

5700
5710
5690
5720

A
A'
B
B'

RESERVE PIT
& EXCESS CUT
STOCKPILE

60'
160'
110'
10'
250'
140'
100'
20'

8 C5.6
9 C2.0
10 F9.8
7 C2.1
6 C4.8
G C6.0
H C1.5
F C13.3
E C0.5
5 C12.1
C C13.3
D C0.6
W C0.5
1 F8.1
B C13.0
A C2.1
3 F1.9
2 F6.9
4 C14.4

CUT
FILL

DERRICK STAND
PIPETUBS
PIPERACKS
WATER TANK
SHAKER TANK
MUD TANK
MUD PUMP 2
MUD PUMP 1
GENERATOR
DIESEL TANK
BOILER

35N1CS
35K4CS
35O1BS
35O1CS

BACKFLOW PIT
12' DEPTH
SLOPE 2:1

RESERVE PIT
12' DEPTH
SLOPE 2:1

EXISTING WELL PAD

EXISTING NBU 1022-35O

EXISTING METER
& SEPERATOR

EXISTING
METHANOL
TANK

EXISTING TANK
AND BERM

EXISTING ACCESS ROAD

EXISTING TOPSOIL PILE
MOVE TO PROPOSED LOCATION

RESERVE PIT
& EXCESS CUT
STOCKPILE

TOPSOIL
STOCKPILE

TOPSOIL
STOCKPILE

CONSTRUCT DIVERSION
DITCH (AS NEEDED)

WELL PAD NBU 1022-35O QUANTITIES

EXISTING GRADE @ CENTER OF WELL PAD = 5,707.0'
FINISHED GRADE ELEVATION = 5,706.5'
CUT SLOPES = 1.5:1
FILL SLOPES = 1.5:1

TOTAL CUT FOR WELL PAD = 18,279 C.Y.
TOTAL FILL FOR WELL PAD = 9,204 C.Y.
TOPSOIL @ 6" DEPTH = 2,134 C.Y.
EXCESS MATERIAL = 9,075 C.Y.
TOTAL DISTURBANCE = 3.96 ACRES
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00
RESERVE PIT CAPACITY (2' OF FREEBOARD)
+/- 28,730 BARRELS
RESERVE PIT VOLUME
+/- 7,720 CY
BACKFLOW PIT CAPACITY (2' OF FREEBOARD)
+/- 9,490 BARRELS
BACKFLOW PIT VOLUME
+/- 2,660 CY

WELL PAD LEGEND

EXISTING WELL LOCATION
PROPOSED WELL LOCATION
EXISTING CONTOURS (2' INTERVAL)
PROPOSED CONTOURS (2' INTERVAL)

HORIZONTAL 0 30 60 1" = 60'
2' CONTOURS

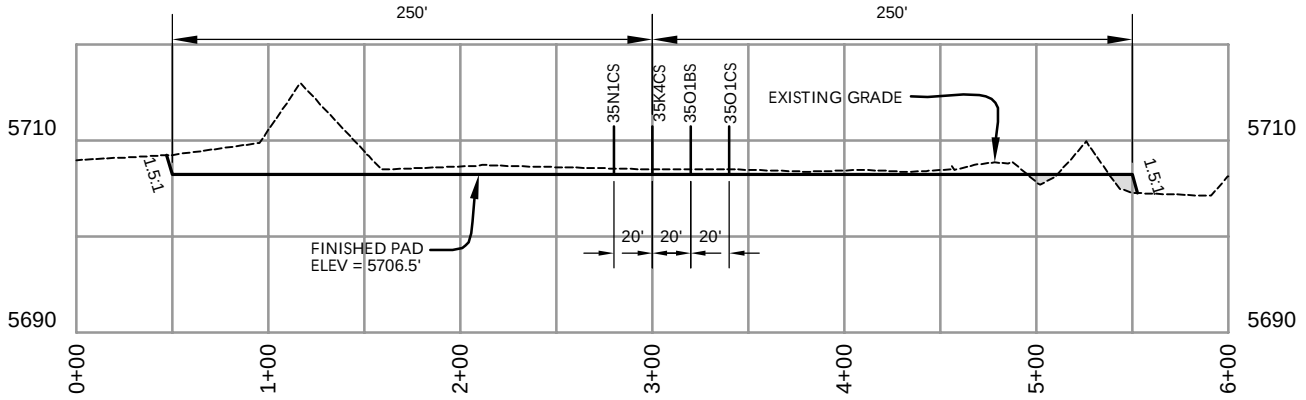
KERR-MCGEE OIL & GAS
ONSHORE L.P.
1099 18th Street - Denver, Colorado 80202

WELL PAD - LOCATION LAYOUT
NBU 1022-35N1CS, NBU 1022-35K4CS,
NBU 1022-35O1BS & NBU 1022-35O1CS
LOCATED IN SECTION 35, T.10S., R.22E.
S.L.B.&M., UINTAH COUNTY, UTAH

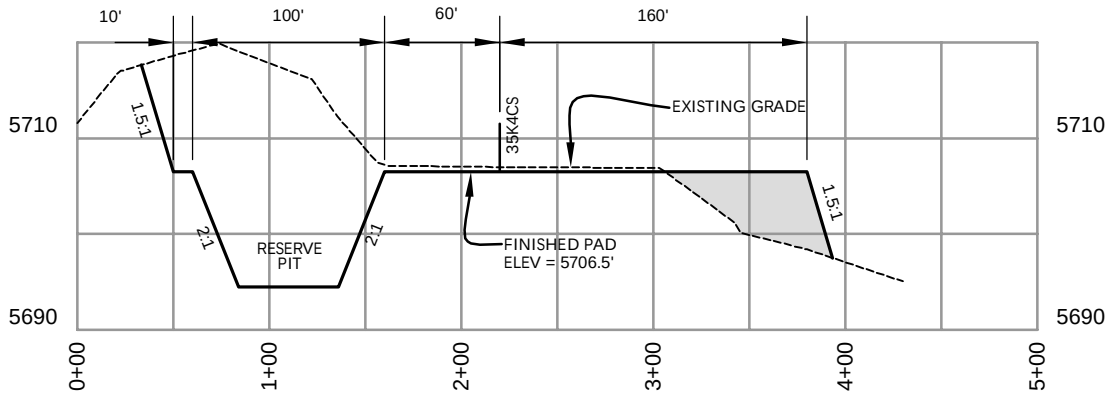
609
CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

Scale: 1"=60' | Date: 3/17/09 | SHEET NO: 6 | 6 OF 13
REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078



CROSS SECTION A-A'



CROSS SECTION B-B'

NOTE: CROSS SECTION B-B' DEPICTS MAXIMUM RESERVE PIT DEPTH.

KERR-MCGEE OIL & GAS ONSHORE L.P.
1099 18th Street - Denver, Colorado 80202

WELL PAD - CROSS SECTIONS
NBU 1022-35N1CS, NBU 1022-35K4CS,
NBU 1022-35O1BS & NBU 1022-35O1CS
LOCATED IN SECTION 35, T.10S., R.22E.
S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

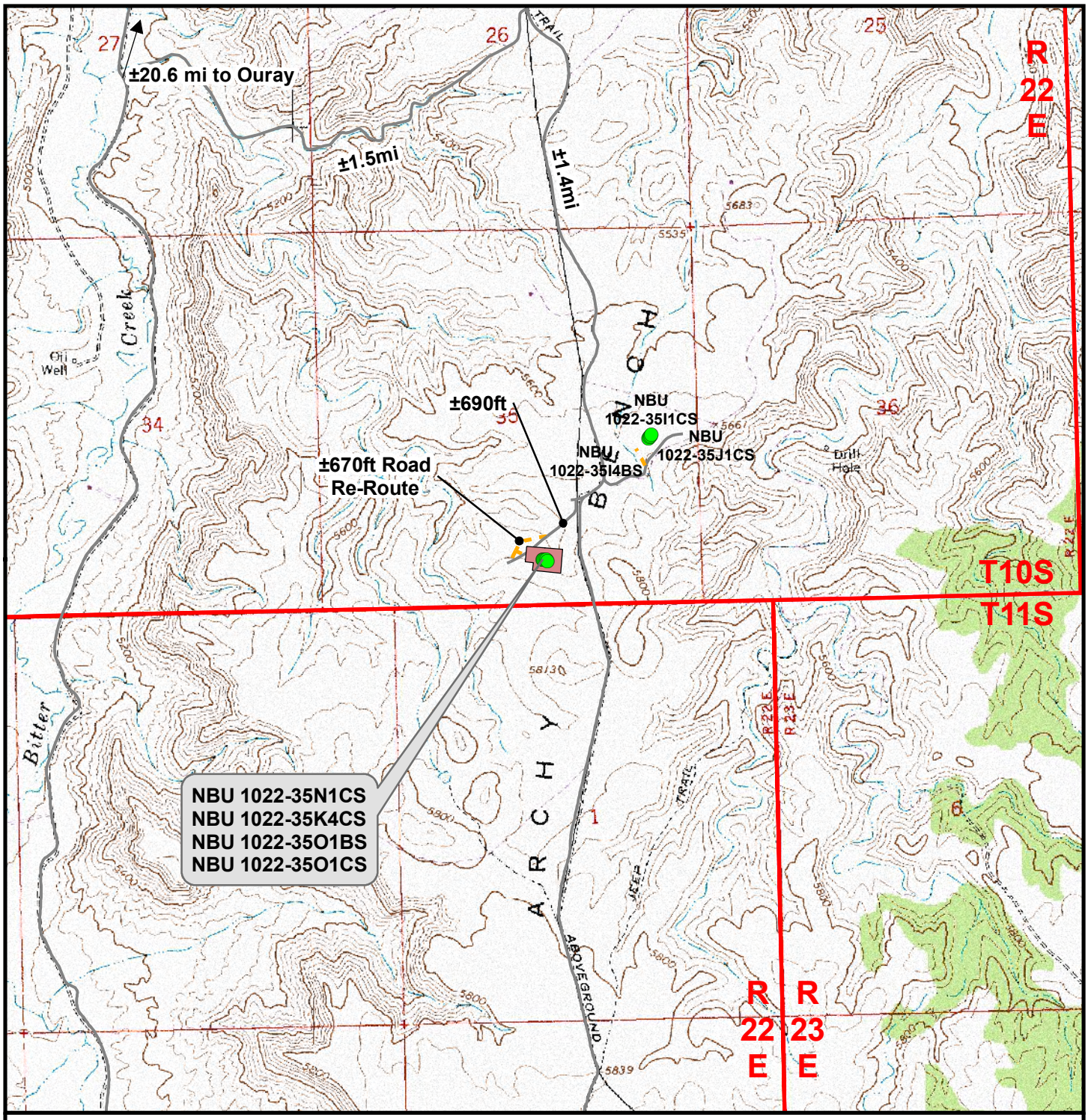
HORIZONTAL 0 50 100 1" = 100'
VERTICAL 0 10 20 1" = 20'

Scale: 1"=100'	Date: 3/17/09	SHEET NO: 7
REVISED:		7 OF 13

Timberline Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078 (435) 789-1365

’APIWellNo:43047507720000’

’APIWellNo:43047507720000’



Legend

Total Proposed Road Length: ±670ft

Well - Proposed | Well Pad | Road - Proposed | Road - Existing

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

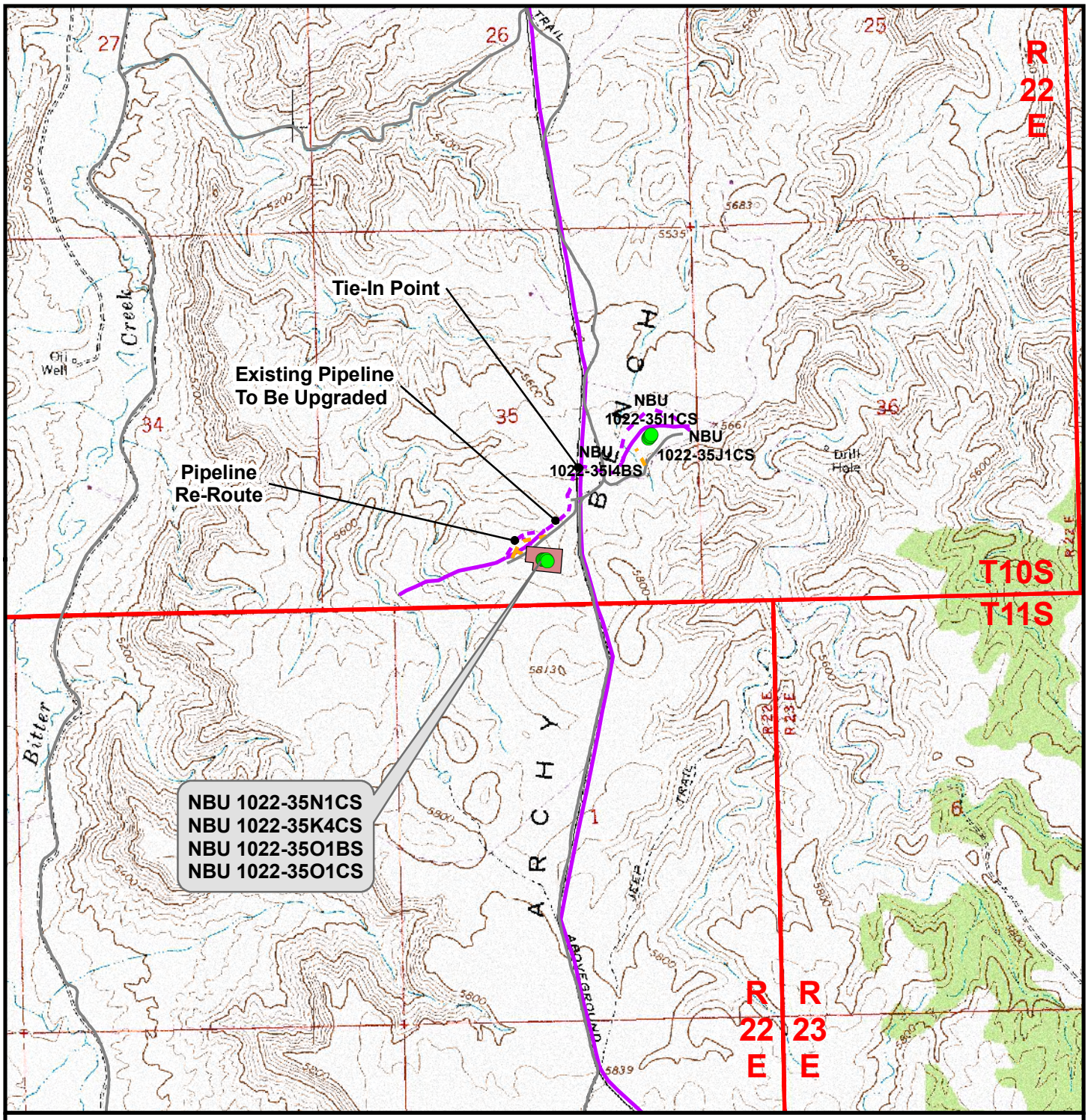
NBU 1022-35N1CS, NBU 1022-35K4CS, NBU 1022-35O1BS & NBU 1022-35O1CS
Topo B
Located In Section 35, T10S, R22E
S.L.B.&M., Uintah County, Utah

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

N

Scale: 1" = 2000ft	NAD83 USP Central	Sheet No: 10 10 of 13
Drawn: JELo	Date: 24 Feb 2009	
Revised:	Date:	

’APIWellNo:43047507720000’



Legend

Proposed Pipeline Length From Tie-In Point To Edge Of Pad: ±1,910ft
Proposed Pipeline Length Around Pad: ±660ft

Well - Proposed | Well Pad | Road - Proposed | Pipeline - Proposed
Road - Existing | Pipeline - Existing

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

NBU 1022-35N1CS, NBU 1022-35K4CS, NBU 1022-35O1BS & NBU 1022-35O1CS
Topo D
Located In Section 35, T10S, R22E
S.L.B.&M., Uintah County, Utah

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

N

Scale: 1" = 2000ft	NAD83 USP Central		Sheet No: 12 12 of 13
Drawn: JELo	Date: 24 Feb 2009		
Revised:	Date:		

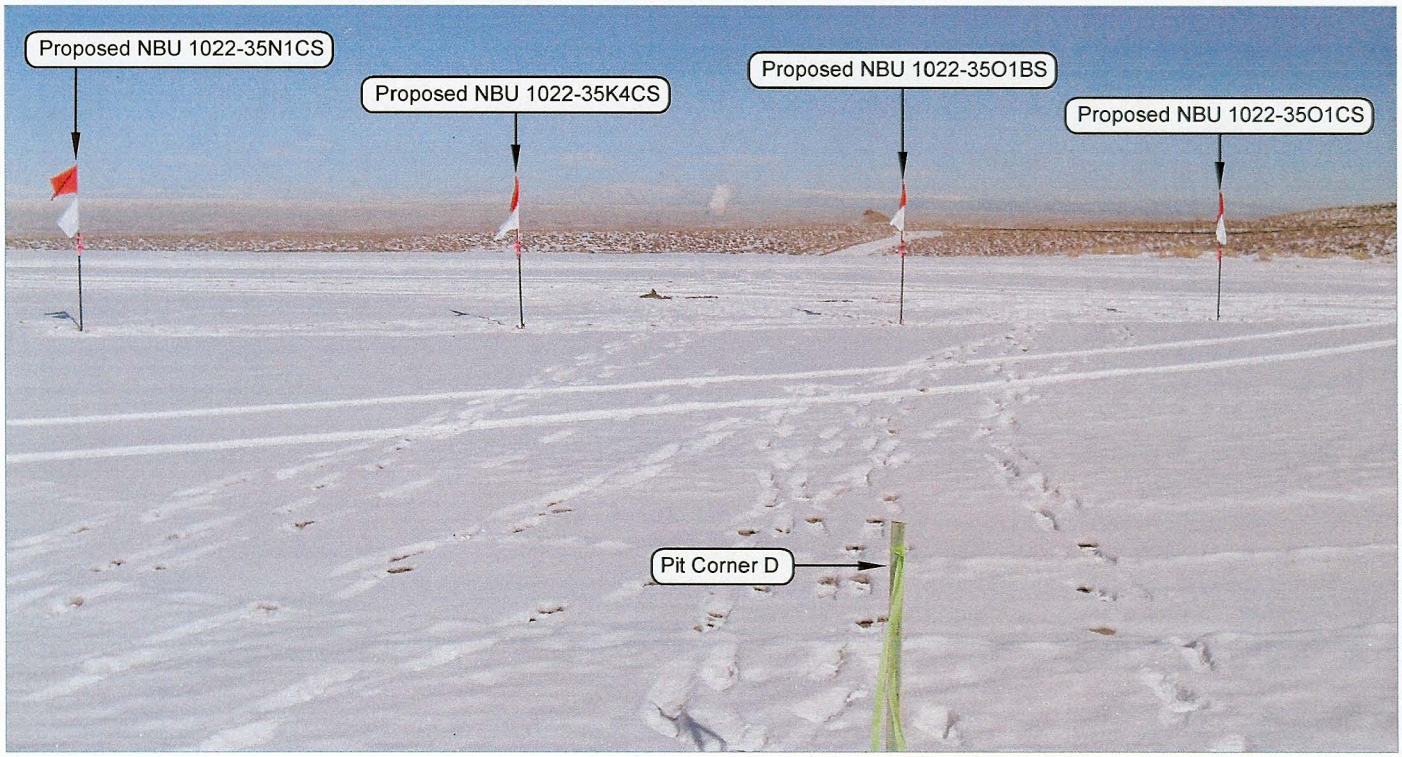


PHOTO VIEW: FROM PIT CORNER D TO LOCATION STAKES CAMERA ANGLE: NORTHEASTERLY

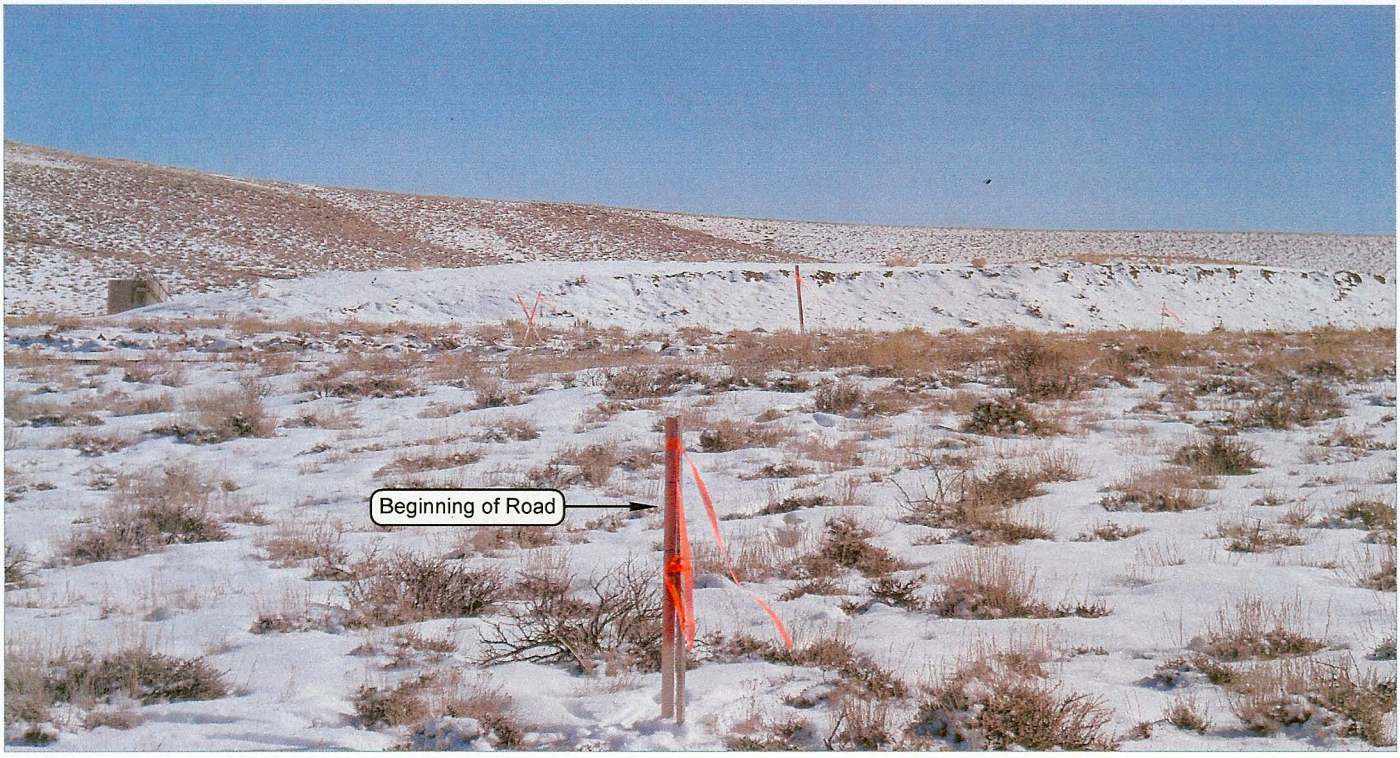


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD CAMERA ANGLE: SOUTHEASTERLY

Kerr-McGee
Oil & Gas Onshore, LP
1099 18th Street – Denver, Colorado 80202

NBU 1022-35N1CS, NBU 1022-35K4CS, NBU 1022-35O1BS & NBU 1022-35O1CS LOCATED IN SECTION 35, T10S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

LOCATION PHOTOS		DATE TAKEN: 01-29-09
		DATE DRAWN: 02-12-09
TAKEN BY: M.S.B.	DRAWN BY: M.W.W.	REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET 8 OF 13

Kerr-McGee Oil & Gas Onshore, LP
NBU 1022-35N1CS, NBU 1022-35K4CS, NBU 1022-35O1BS,
& NBU 1022-35O1CS
Section 35, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 16.8 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 11.2 MILES TO THE INTERSECTION OF THE GLEN BENCH ROAD (COUNTY B ROAD 3260). EXIT LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION ALONG THE GLEN BENCH ROAD APPROXIMATELY 5.2 MILES TO THE INTERSECTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY, THEN SOUTHERLY DIRECTION ALONG THE BITTER CREEK ROAD APPROXIMATELY 4.2 MILES TO THE INTERSECTION OF THE BITTER CREEK CUT OFF ROAD (COUNTY B ROAD 4140). EXIT LEFT AND PROCEED IN AN EASTERLY DIRECTION ALONG THE BITTER CREEK CUT OFF ROAD APPROXIMATELY 1.5 MILES TO THE ARCHY BENCH ROAD (COUNTY B ROAD 4150). EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG THE ARCHY BENCH ROAD APPROXIMATELY 1.4 MILES TO A SERVICE ROAD RUNNING SOUTHWESTERLY. EXIT LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.2 MILES TO THE NBU 1022-35O WELL PAD.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE WELL LOCATION IS APPROXIMATELY 54.4 MILES IN A SOUTHERLY DIRECTION.

NBU 1022-35K4CS
Surface: 636’ FSL 2,186’ FEL (SW/4SE/4)
BHL: 1,325’ FSL 2,100’ FWL (NE/4SW/4)

NBU 1022-35N1CS
Surface: 638’ FSL 2,206’ FEL (SW/4SE/4)
BHL: 965’ FSL 2,100’ FWL (SE/4SW/4)

NBU 1022-35O1BS
Surface: 634’ FSL 2,166’ FEL (SW/4SE/4)
BHL: 1,030’ FSL 1,800’ FEL (SW/4SE/4)

NBU 1022-35O1CS
Surface: 631’ FSL 2,146’ FEL (SW/4SE/4)
BHL: 670’ FSL 1,800’ FEL (SW/4SE/4)

Pad: NBU 1022-35O
Sec. 35 T10S R22E
Mineral Lease: UTU 037167

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. NOSs were submitted on May 11, 2009 showing the surface locations in SW/4 SE/4 of Section 35 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 May 27, 2009. Present were:

- Verlyn Pindell, Dave Gordon, Scott Ackerman – BLM;
- Kolby Kay – 609 Consulting, LLC;
- Tony Kazeck, Raleen White and Hal Blanchard – 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.

A. 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.

B. Planned Access Roads:

See MDP for additional details on road construction.
Approximately ±670' (±0.13 mile) of road re-route 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.

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

Please refer to Topo Map C.

D. Location of Existing and Proposed Facilities:

See MDP for additional details on Existing and Proposed Facilities.

The following guidelines will apply if the well is productive.
Approximately ±2,570' (±0.49 miles) of pipeline is proposed. The existing pipeline, as shown on Topo D, will be upgraded to accommodate anticipated production from the proposed wells. The upgraded pipeline will follow the same route as the existing pipeline. Pipeline segments will be welded or zaplocked together on disturbed areas in or near the location, whenever possible, and dragged into place.

Per the onsite meeting, there was an estimated 6 inches of topsoil between corners 8 and 10.

E. 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 one of the following sources:

- Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32 T4S R3E, Water User Claim number 43-8496, application number 53617.
- Price Water Pumping Inc. Green River and White River, various sources, Water Right Number 49-1659, application number: a35745.

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.

F. **Source of Construction Materials:**
See MDP for additional details on Source of Construction Materials.

G. **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

H. **Ancillary Facilities:**
See MDP for additional details on Ancillary Facilities.

None are anticipated.

I. **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.

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

K. **Surface/Mineral Ownership:**
United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

L. **Other Information:**
See MDP for additional details on Other Information.

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

Kathy Schneebeck Dulnoan
Staff 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.

Kathy Schneebeck Dulnoan

September 25, 2009
Date

'APIWellNo:43047507720000'

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

May 5, 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 1022-35O1CS
T10S-R22E
Section 35: SWSE
Surface: 631' FSL, 2146' FEL
Bottom Hole: 670' FSL, 1800' FEL
Uintah County, Utah

Dear Mrs. Mason:

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

- Kerr-McGee's NBU 1022-35O1CS 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

'APIWellNo:43047507720000'

'APIWellNo:43047507720000'

CLASS I REVIEW OF KERR-MCGEE OIL AND GAS ONSHORE LP'S 10 PROPOSED NBU WELL LOCATIONS IN TOWNSHIP 10S, RANGE 22E, SECTION 35 UINTAH COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management
Vernal Field Office

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. 09-010

March 12, 2009

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

'APIWellNo:43047507720000'

IPC #09-52

Paleontological Reconnaissance Survey Report

Survey of Kerr McGee's Proposed Multi-Well Pads, Access Roads, Road Re-Route, Pipeline Upgrades, & Pipeline Re-Routes "NBU #1022-35N1CS, K4CS, O1BS & O1CS, & #1022-35J4CS, J1CS, I4BS & I1CS" (Sec. 35, T 10 S, R 222 E)

Archy Bench
Topographic Quadrangle
Uintah County, Utah

March 27, 2009

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

’APIWellNo:4304750772000’

API Number: 4304750772

Well Name: NBU 1022-35O1CS

Township 10.0 S Range 22.0 E Section 35

Meridian: SLBM

Operator: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
ACTIVE
COMBINED
Sections

Wells Query Events
<all other values>

GIS_STAT_TYPE
<Null>
APD
DRL
GI
GS
LA
NEW
OPS
PA
PGW
POW
RET
SGW
SOW
TA
TW
WD
WI
WS

Location Map

1,200 600 0 1,200 Feet

1:12,000

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)

October 2, 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)

43-047-50769 NBU 1022-35K4CS Sec 35 T10S R22E 0636 FSL 2186 FEL
                        BHL Sec 35 T10S R22E 1325 FSL 2100 FWL

43-047-50770 NBU 1022-35N1CS Sec 35 T10S R22E 0638 FSL 2206 FEL
                        BHL Sec 35 T10S R22E 0965 FSL 2100 FWL

43-047-50771 NBU 1022-35O1BS Sec 35 T10S R22E 0634 FSL 2166 FEL
                        BHL Sec 35 T10S R22E 1030 FSL 1800 FEL

43-047-50772 NBU 1022-35O1CS Sec 35 T10S R22E 0631 FSL 2146 FEL
                        BHL Sec 35 T10S R22E 0670 FSL 1800 FEL

43-047-50773 NBU 922-32P1BS  Sec 32 T09S R22E 1723 FSL 0195 FEL
                       BHL  Sec 32 T09S R22E 1203 FSL 0537 FEL

43-047-50774 NBU 922-32P1CS  Sec 32 T09S R22E 1748 FSL 0164 FEL
                       BHL  Sec 32 T09S R22E 0857 FSL 0571 FEL

43-047-50775 NBU 922-32P3AS  Sec 32 T09S R22E 1735 FSL 0179 FEL
                       BHL  Sec 32 T09S R22E 0588 FSL 0733 FEL
```

API #	WELL NAME	LOCATION
(Proposed PZ WASATCH-MESA VERDE)		
43-047-50776	NBU 921-17B	Sec 17 T09S R21E 0492 FNL 1966 FEL
43-047-50777	NBU 921-8F	Sec 08 T09S R21E 2003 FNL 1636 FWL
43-047-50778	NBU 921-8K	Sec 08 T09S R21E 1918 FSL 1923 FWL
43-047-50779	NBU 920-32C	Sec 32 T09S R20E 0605 FNL 2077 FWL
43-047-50780	NBU 920-32F	Sec 32 T09S R20E 1884 FNL 2131 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:10-2-09

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/25/2009 **API NO. ASSIGNED:** 43047507720000
WELL NAME: NBU 1022-35O1CS
OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. (N2995) **PHONE NUMBER:** 720 929-6156
CONTACT: Danielle Piernot

PROPOSED LOCATION: SWSE 35 100S 220E **Permit Tech Review:** ✔

SURFACE: 0631 FSL 2146 FEL **Engineering Review:** ✔

BOTTOM: 0670 FSL 1800 FEL **Geology Review:** ✔

COUNTY: UINTAH
LATITUDE: 39.89991 **LONGITUDE:** -109.40454
UTM SURF EASTINGS: 636393.00 **NORTHINGS:** 4417657.00
FIELD NAME: NATURAL BUTTES
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU 037167 **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**

Commingling 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

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

GARY R. HERBERT
Governor
GREGORY S. 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

Permit To Drill

****

Well Name: NBU 1022-35O1CS
API Well Number: 43047507720000
Lease Number: UTU 037167
Surface Owner: FEDERAL
Approval Date: 10/15/2009

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

Commingle:
In accordance with Board Cause No. 173-14, commingling of the production from the Wasatch formation and the Mesaverde formation in this well 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:

API Well No: 43047507720000

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

Gil Hunt
Associate Director, Oil & Gas

API Well No: 43047507720000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 037167

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 1022-35O1CS

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

9. API NUMBER: 43047507720000

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: 0631 FSL 2146 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 35 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/14/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	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: October 11, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE		**DATE**
N/A		10/11/2010

RECEIVED October 11, 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 43047507720000

API: 43047507720000
Well Name: NBU 1022-35O1CS
Location: 0631 FSL 2146 FEL QTR SWSE SEC 35 TWNP 100S RNG 220E MER S
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Date Original Permit Issued: 10/14/2009

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:** 10/11/2010
Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: October 11, 2010

By: [signature]

RECEIVED October 11, 2010

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 037167

SUNDRY NOTICES AND REPORTS ON WELLS

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7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 1022-35O1CS

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

9. API NUMBER: 43047507720000

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: 0631 FSL 2146 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 35 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/14/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ 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: 09/20/2011

By: [signature]

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst

SIGNATURE	DATE
N/A	9/19/2011

RECEIVED Sep. 19, 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 43047507720000

API: 43047507720000
Well Name: NBU 1022-35O1CS
Location: 0631 FSL 2146 FEL QTR SWSE SEC 35 TWNP 100S RNG 220E MER S
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Date Original Permit Issued: 10/14/2009

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

Signature: Danielle Piernot **Date:** 9/19/2011
Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

RECEIVED Sep. 19, 2011

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

May 9, 2012

Jenn Hawkins
Anadarko Petroleum Corporation
1099 18th Street, Suite 1800
Denver, CO 80202

Re: APDs Rescinded for Anadarko Petroleum Corporation
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 May 2, 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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

4304750055	NBU 753-32E
4304750683	NBU 634-12EX
4304740346	NBU 921-15N1S
4304740347	NBU 921-14M3S
4304740348	NBU 921-22A1S
4304750089	NBU 921-15O3T
4304740441	NBU 1022-25G2S
4304740442	NBU 1022-25G4S
4304740443	NBU 1022-25G3S
4304750852	FEDERAL 920-23O
4304751026	NBU 921-12K
4304751027	NBU 921-12L
4304751028	NBU 921-12M
4304751039	NBU 920-21O
4304750697	NBU 687-30E
4304750811	NBU 699-25E
4304740153	NBU 1022-05JT
4304740135	NBU 921-15MT
4304750468	NBU 738-30E
4304739369	NBU 922-18O
4304739372	NBU 922-20E
4304740184	NBU 921-30FT
4304740217	NBU 759-29E
4304740218	NBU 737-30E
4304750461	NBU 1022-24O2S
4304740267	NBU 704-26E
4304740240	NBU 702-26E
4304740241	NBU 703-26E
4304750578	NBU 920-14B
4304750579	NBU 920-14A
4304740268	NBU 701-26E
4304750627	NBU 920-21P
4304750628	NBU 920-21N
4304750682	NBU 921-12J
4304750695	NBU 921-12N
4304750111	NBU 921-11GT
4304750112	NBU 921-11HT
4304750118	NBU 740-30E
4304740374	NBU 705-26E
4304750123	NBU 920-12N
4304750143	NBU 920-13J
4304750751	NBU 920-21G
4304750756	NBU 1022-35I1CS
4304750757	NBU 1022-35I4BS
4304750758	NBU 1022-35J1CS
4304750759	NBU 1022-35J4CS
4304740380	NBU 920-13D
4304750155	FEDERAL 920-24O
4304750769	NBU 1022-35K4CS
4304750770	NBU 1022-35N1CS
4304750771	NBU 1022-35O1BS
4304750772	NBU 1022-35O1CS
4304750791	NBU 921-10O
4304750792	NBU 921-10M
4304740439	NBU 1022-24P2S
4304740440	NBU 1022-24P4S

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

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IN REPLY REFER TO:
3160 (UTG011)

Julie Jacobson
Anadarko Petroleum Corporation
Kerr McGee Oil & Gas Onshore LP
1099 18th Street, Suite 600
Denver, CO 80202

43 047 50772

Re: Request to Return APD
Well No. NBU 1022-35O1CS
SWSE, Sec. 35, T10S, R22E
Uintah County, Utah
Lease No. UTU-037167
Natural Buttes Unit

Dear Ms. Jacobson:

The Application for Permit to Drill (APD) for the above referenced well received in this office on September 30, 2009, is being returned unapproved per a request to this office in an email message from you received on April 23, 2012. 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
MAY 2 2 2012
DIV. OF OIL, GAS & MINING