

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

FORM 3

AMENDED REPORT **APPLICATION FOR PERMIT TO DRILL**

2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		1. WELL NAME and NUMBER NBU 920-131	
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		3. FIELD OR WILDCAT NATURAL BUTTES	
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.		5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES	
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		7. OPERATOR PHONE 720 929-6587	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-0579		11. MINERAL 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')		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	
19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		16. SURFACE OWNER E-MAIL (if box 12 = 'fee') mary.mondragon@anadarko.com	
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION
LOCATION AT SURFACE	2095 FSL 549 FEL	NESE	13
Top of Uppermost Producing Zone	2095 FSL 549 FEL	NESE	13
At Total Depth	2095 FSL 549 FEL	NESE	13
21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 549	23. NUMBER OF ACRES IN DRILLING UNIT 1920	
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1500	26. PROPOSED DEPTH MD: 10550 TVD:	
27. ELEVATION - GROUND LEVEL 4810	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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Kevin McIntyre	TITLE Regulatory Analyst I	PHONE 720 929-6226
SIGNATURE	DATE 09/25/2008	EMAIL Kevin.McIntyre@anadarko.com
API NUMBER ASSIGNED 43047501440000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2800		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	2800	36.0			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	2800			
		Cement Description	Class	Sacks	Yield	Weight
			Premium Foamed Cement	215	1.18	15.6

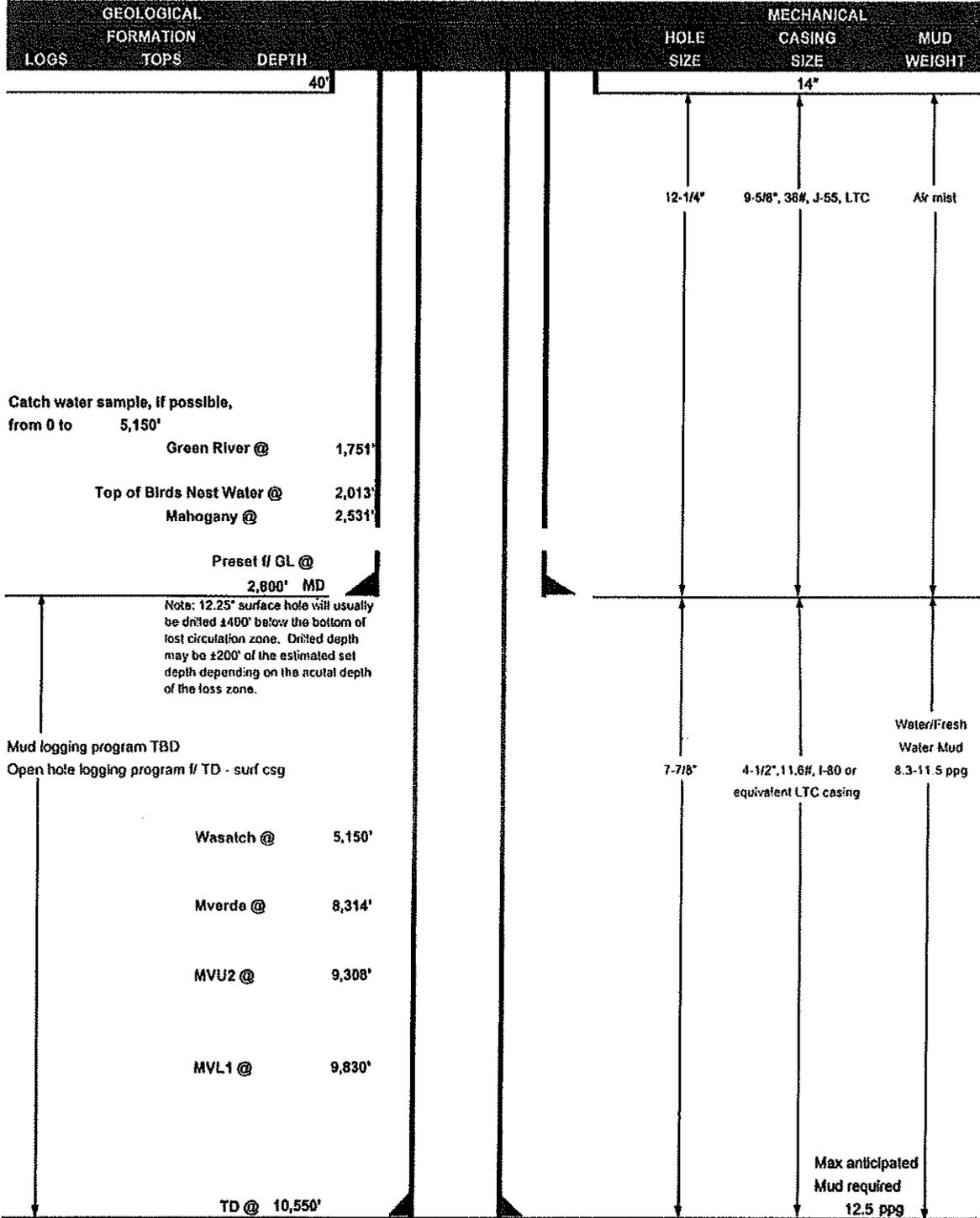
Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	10550		
Pipe	Grade	Length	Weight			
	Grade I-80 LT&C	10550	11.6			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	10550			
		Cement Description	Class	Sacks	Yield	Weight
			Premium Lite High Strength	510	3.38	11.0
			Pozzuolanic Cement	1650	1.31	14.3



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	September 11, 2008
WELL NAME	NBU 920-131	TD	10,550' MD/TVD
FIELD	Natural Buttes	COUNTY	Ullah STATE Ullah ELEVATION 4,810' GL KB 4,825'
SURFACE LOCATION	NESE 2095' FSL & 549' FEL, Sec. 13, T 9S R 20E		BHL Straight Hole
	Latitude: 40.034240	Longitude: -109.606960	NAD 27
OBJECTIVE ZONE(S)	Mesaverde		
ADDITIONAL INFO	Regulatory Agencies: BLM (MINERALS), BIA (SURFACE), UDOGM, Tri-County Health Dept.		



DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3520	2020	453000
SURFACE	9-5/8"	0 to 2,800'	36.00	J-55	LTC	0.78 7780	1.54 6350	5.13 201000
PRODUCTION	4-1/2"	0 to 10550'	11.80	I-80	LTC	1.71	0.93	1.88

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point)-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 12.5 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 4220 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD	
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl +.25 pps flocele	215	60%	15.60	1.18	
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18	
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
SURFACE Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized							
	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82	
	TAIL	500	Premium cmt + 2% CaCl +.25 pps flocele	180	35%	15.60	1.18	
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
PRODUCTION	LEAD	4,650'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	510	60%	11.00	3.38	
	TAIL	5,900'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1650	60%	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. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

- Test casing head to 760 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop Tolco surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

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

**NBU 920-13I
NESE Sec. 13, T9S, R20E
UINTAH COUNTY, UTAH
UTU-0579**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1751'
Bird's Nest	2013'
Mahogany	2531'
Wasatch	5150'
Mesaverde	8314'
MVU2	9308'
MVL1	9830'
TD	10,550'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1751'
	Bird's Nest	2013'
	Mahogany	2531'
Gas	Wasatch	5150'
Gas	Mesaverde	8314'
Gas	MVU2	9308'
Gas	MVL1	9830'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

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

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP. See attached drilling diagram.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10,550' TD, approximately equals 6541 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4220 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variances:**

*Please see Natural Buttes Unit SOP 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

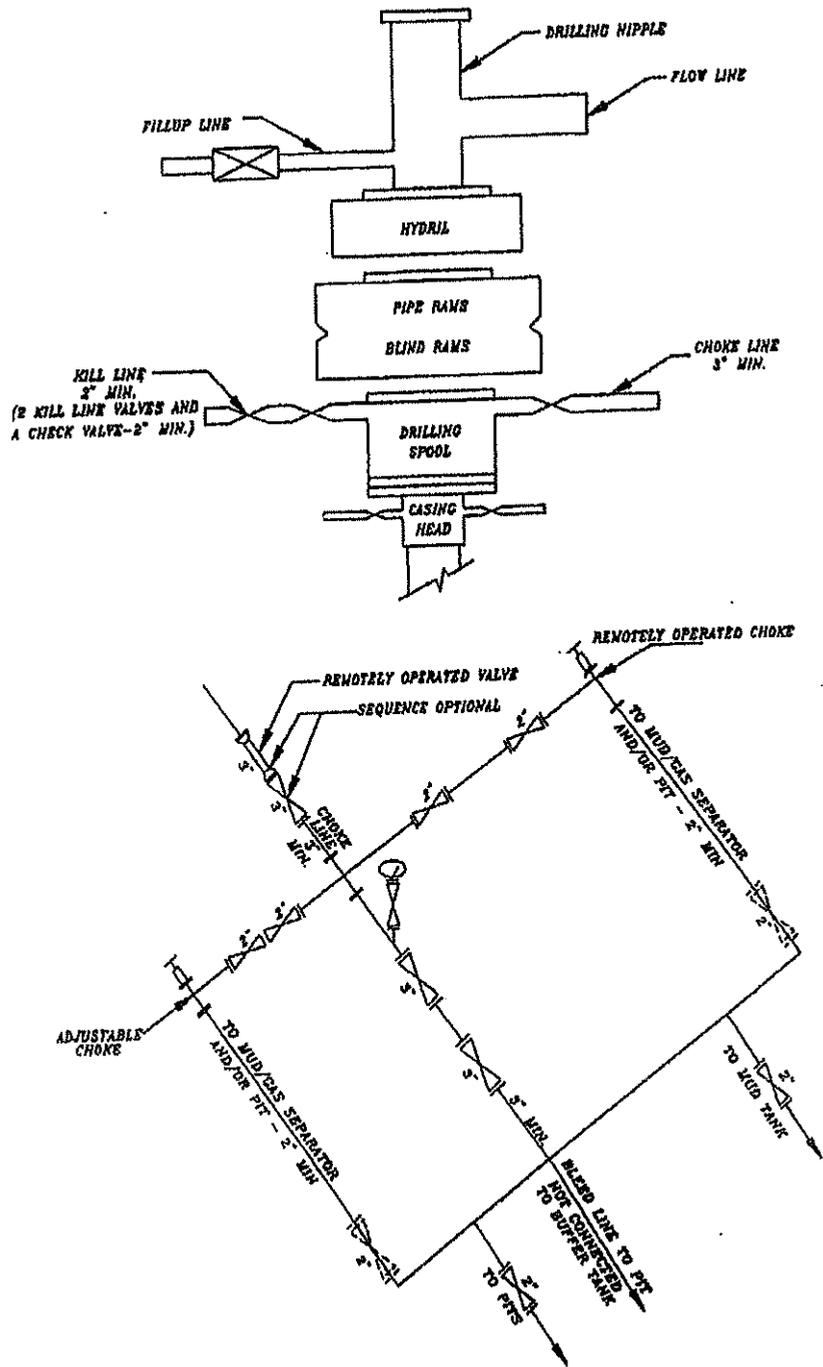
The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above..

10. Other Information:

Please see Natural Buttes Unit SOP.

NBU 920-131

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

**NBU 920-131
NESE Sec. 13 ,T9S,R20E
UINTAH COUNTY, UTAH
UTU-0579**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Approximately 660' +/- of new access road is proposed. Refer to Topo Map B.

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.

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

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipelines.

A right-of-way is required for the pipeline. The pipeline is approximately 2,301' in length and 30' in width. A 4" surface steel pipeline will be constructed utilizing existing disturbance where possible. The pipeline will be butt-welded together and pulled into place with a rubber tired tractor.

Variances to Best Management Practices (BMPs) Requested:

Approximately 2,301' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

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

Interim Surface Reclamation Plan:

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

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

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

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

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

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

Please see the Natural Buttes SOP.

Upon reclamation of the pit the following seed mixture will be used. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheatgrass 12 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. **Surface/Mineral Ownership:**

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

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

The mineral ownership is listed below:

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

12. Stipulations/Notices/Mitigation:

There are no stipulations or notices for this location.

13. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be submitted.

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

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

Kevin McIntyre
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
P.O. Box 173779
Denver, CO 80217-3779
(720) 929-6226

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

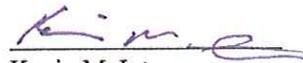
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of 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 the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Kevin McIntyre

9/11/2008

Date

T9S, R20E, S.L.B.&M.

Found 1968
Brass Cap.
Pile of Stones.

S88°53'W 40.48 (G.L.O.)
S88°55'40"W - 2670.83' (Meas.)

S88°55'W 39.58 (G.L.O.)
S88°55'55"W - 2612.51' (Meas.)

Found 1968
Brass Cap.
Pile of Stones.

N0°04'W 80.24 (G.L.O.)
N00°02'35"W - 2648.71' (Meas.)

Found 1968
Brass Cap.
Pile of Stones.

Found 1968
Brass Cap.
Pile of Stones.

N01°03'42"W - 2562.34' (Meas.)
N1°04'W 38.88 (G.L.O.)

Found 1968
Brass Cap.
Pile of Stones.

NBU 920-13I (Proposed Well Head)
NAD 83 LATITUDE = 40.03420' (40° 02' 03.13")
LONGITUDE = 109.60766' (109° 36' 27.56")
NAD 27 LATITUDE = 40.03424' (40° 02' 03.26")
LONGITUDE = 109.60696' (109° 36' 25.07")

13

**WELL LOCATION:
NBU 920-13I**

ELEV. UNGRADED GROUND = 4810.4'

Proposed Well

N01°10'09"W (Basis of Bearings)
2690.10' (Measured)
N1°09'W 40.76 (G.L.O.)

549'
2095'

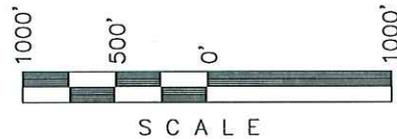
Found 1968
Brass Cap.
Pile of Stones.

S88°26'W 81.58 (G.L.O.)
S88°26'58"W - 2692.14' (Meas.)

Found 1968
Brass Cap.
Pile of Stones.

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. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is the Northwest Corner of Section 12, T9S, R20E, S.L.B.&M. The elevation of this Section Corner is shown on the Ouray SE 7.5 Min. Quadrangle as being 4676'.



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.

No. 6028691
JOHN R. SLAUGHTER
REGISTERED LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

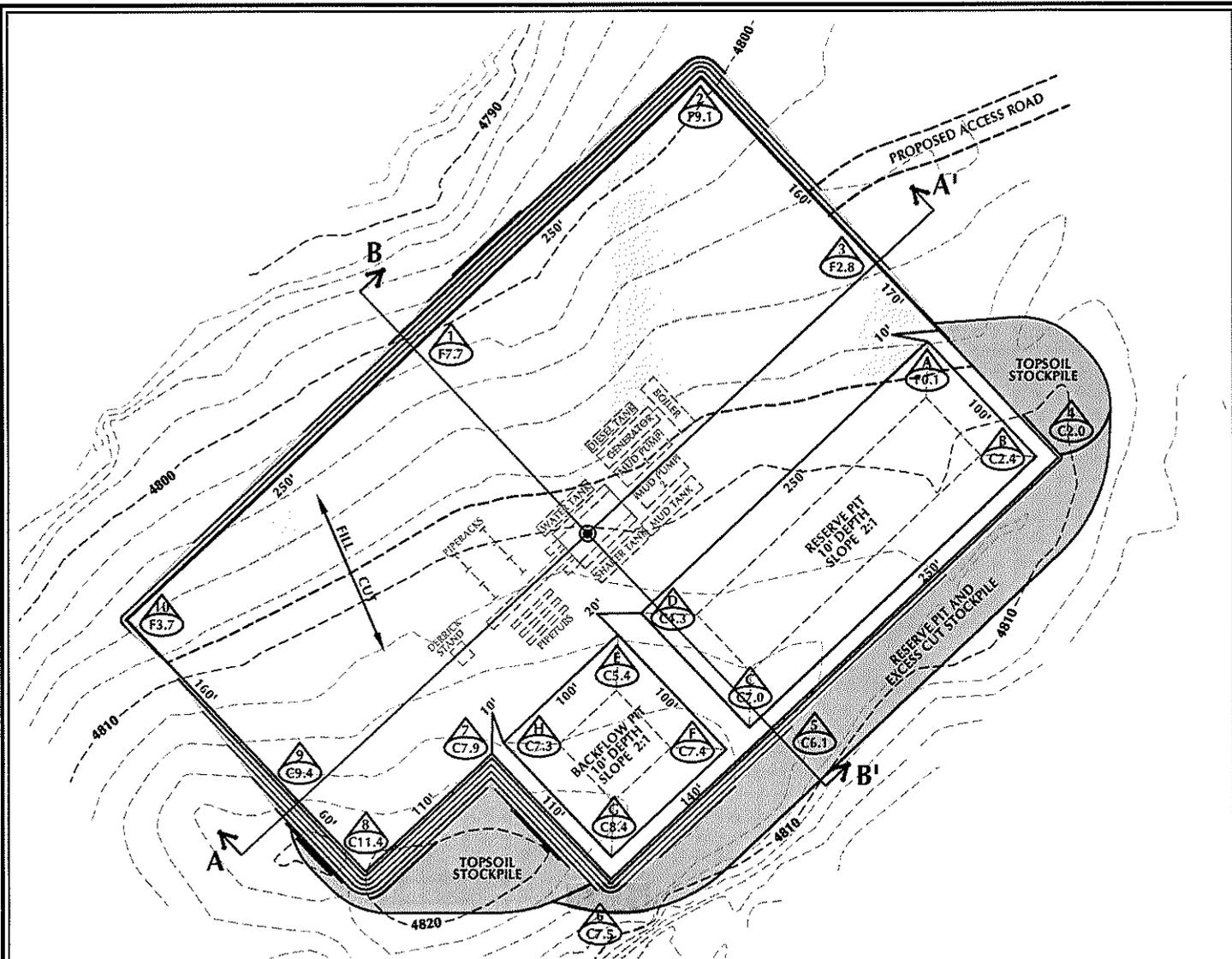
**Kerr-McGee
Oil & Gas Onshore, LP**
1099 18th Street - Denver, Colorado 80202

NBU 920-13I
WELL PLAT
2095' FSL, 549' FEL
NE ¼ SE ¼ OF SECTION 13, T9S, R20E,
S.L.B.&M. UTAH COUNTY, UTAH.

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

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 06-30-08	SURVEYED BY: B.J.S.	SHEET 1 OF 9
DATE DRAWN: 07-02-08	DRAWN BY: B.R.B.	
SCALE: 1" = 1000'	Date Last Revised:	



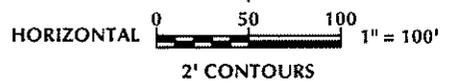
WELL PAD LEGEND

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

WELL PAD NBU 920-131 QUANTITIES

EXISTING GRADE @ LOC. STAKE = 4,810.4'
 FINISHED GRADE ELEVATION = 4,808.6'
 CUT SLOPES = 1.5:1
 FILL SLOPES = 1.5:1

TOTAL CUT FOR WELL PAD = 12,958 C.Y.
 TOTAL FILL FOR WELL PAD = 12,351 C.Y.
 TOPSOIL @ 6" DEPTH = 3,141 C.Y.
 TOTAL DISTURBANCE = 3.89 ACRES
 SHRINKAGE FACTOR = 1.15
 SWELL FACTOR = 1.00
 RESERVE PIT CAPACITY (2' OF FREEBOARD)
 +/- 25,880 BARRELS
 RESERVE PIT VOLUME
 +/- 7,185 CY
 BACKFLOW PIT CAPACITY (2' OF FREEBOARD)
 +/- 8,780 BARRELS
 BACKFLOW PIT VOLUME
 +/- 2,520 CY



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

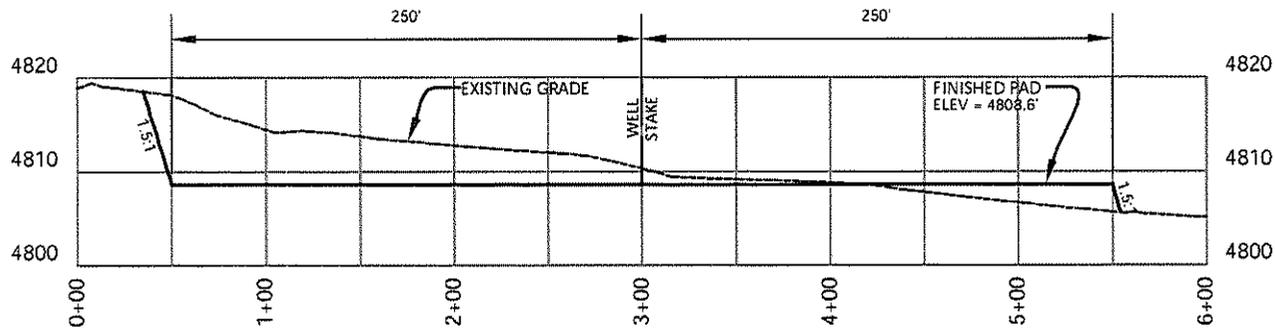
**NBU 920-131
 WELL PAD - LOCATION LAYOUT**
 2095' FSL, 549' FEL
 NE1/4SE1/4, SECTION 13, T.9S., R.20E.
 S.L.B.&M., Uintah County, Utah



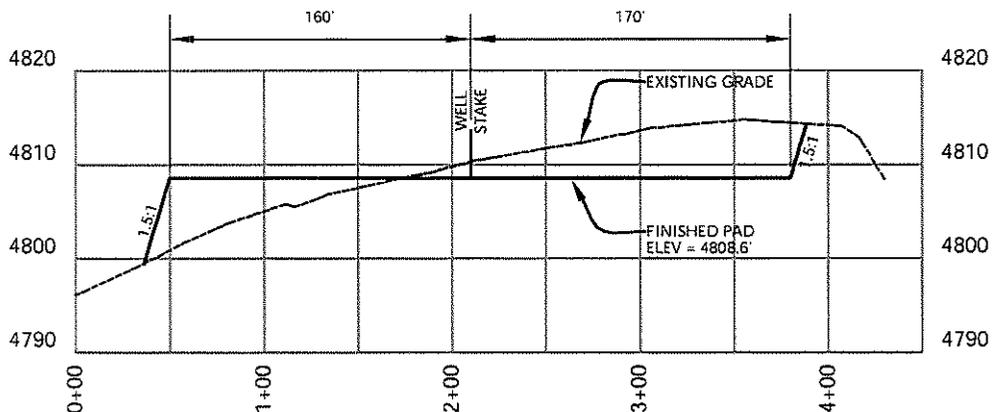
CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

Scale: 1"=100'	Date: 8/29/08	SHEET NO:
REVISED:	BY DATE	2 2 OF 9

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



CROSS SECTION A-A'



CROSS SECTION B-B'

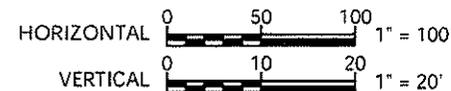
KERR-MCGEE OIL & GAS
ONSHORE L.P.
1099 18th Street - Denver, Colorado 80202

NBU 920-131
WELL PAD - CROSS SECTIONS
2095' FSL, 549' FEL
NE1/4SE1/4, SECTION 13, T.9S., R.20E.
S.L.B.&M., UINTAH COUNTY, UTAH



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
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Scale: 1"=100'	Date: 8/29/08	SHEET NO:
REVISID:	BY DATE	3 3 OF 9



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

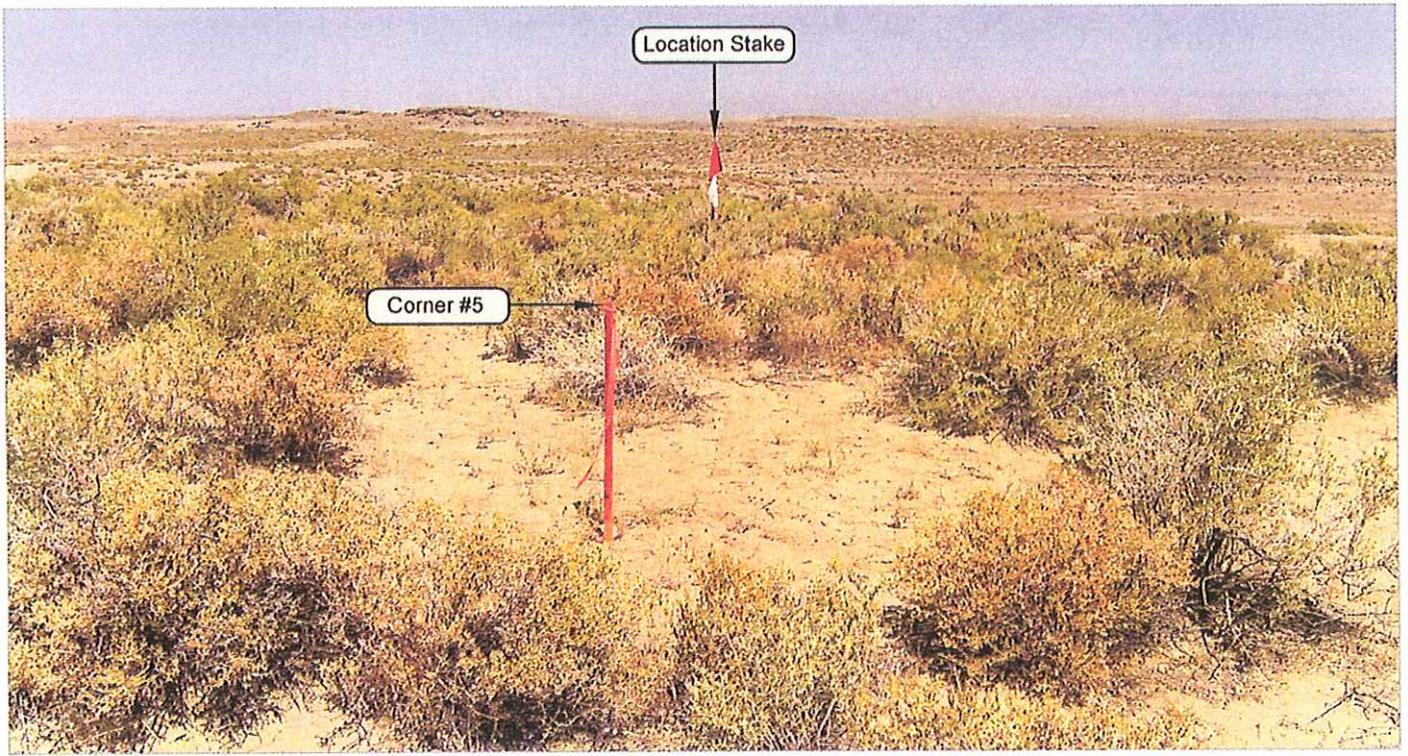


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

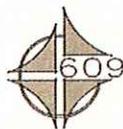


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHWESTERLY

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

NBU 920-131
 2095' FSL, 549' FEL
 NE ¼ SE ¼ OF SECTION 13, T9S, R20E,
 S.L.B.&M. UINTAH COUNTY, UTAH.



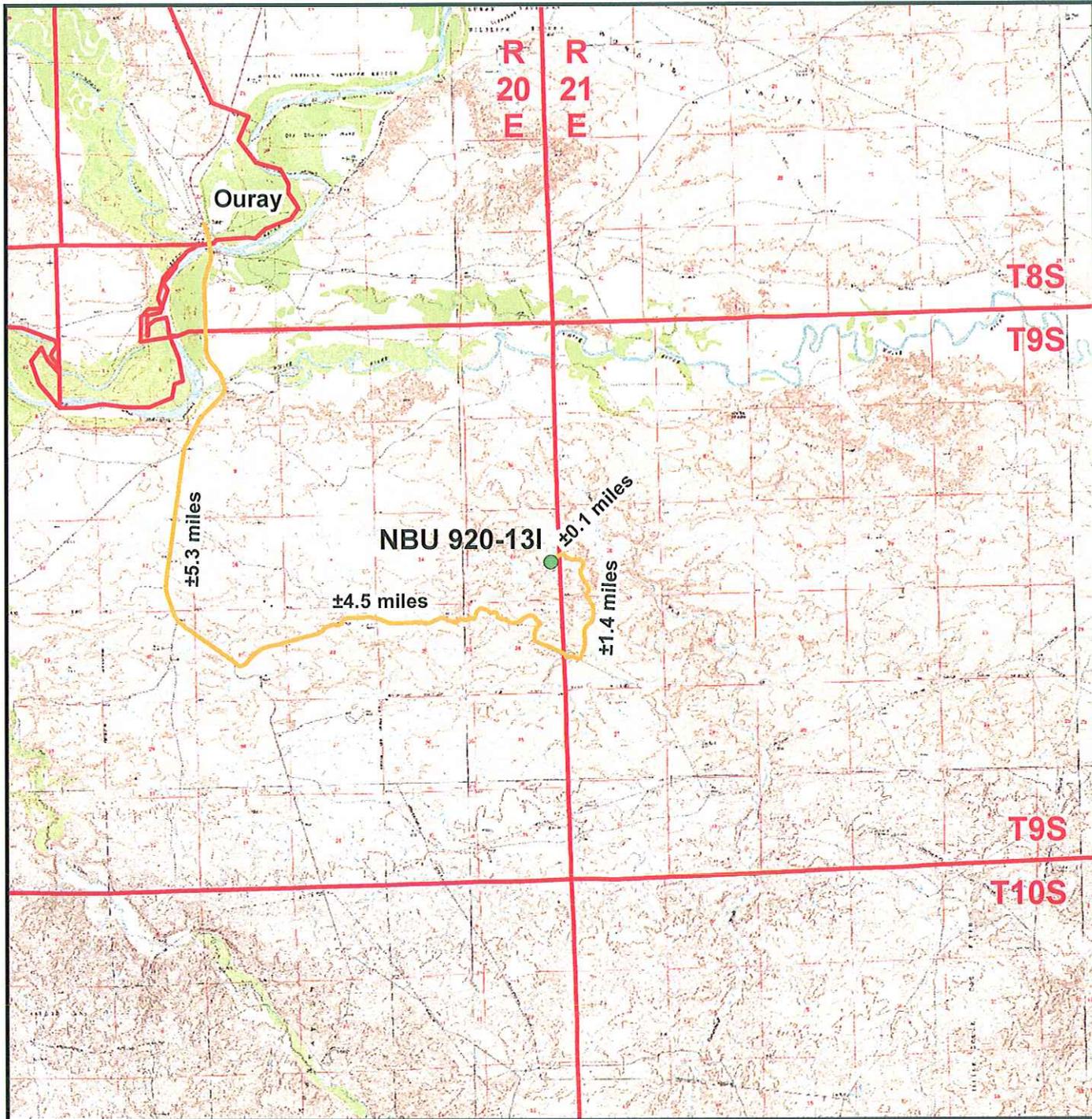
CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

LOCATION PHOTOS		DATE TAKEN: 07-31-08
		DATE DRAWN: 08-01-08
TAKEN BY: B.J.S.	DRAWN BY: E.M.S.	REVISED:
Timberline (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078		SHEET 4 OF 9

Kerr-McGee Oil & Gas Onshore, LP
NBU 920-13I
Section 13, T9S, R20E, 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 5.3 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE EAST. EXIT LEFT AND PROCEED IN A NORTHEASTERLY THEN SOUTHEASTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 4.5 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE NORTH. EXIT LEFT AND PROCEED IN A NORTHERLY THEN NORTHWESTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 1.4 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 660 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 42.0 MILES IN A SOUTHERLY DIRECTION.



Legend

- Proposed NBU 920-131 Well Location
- Access Route - Proposed

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

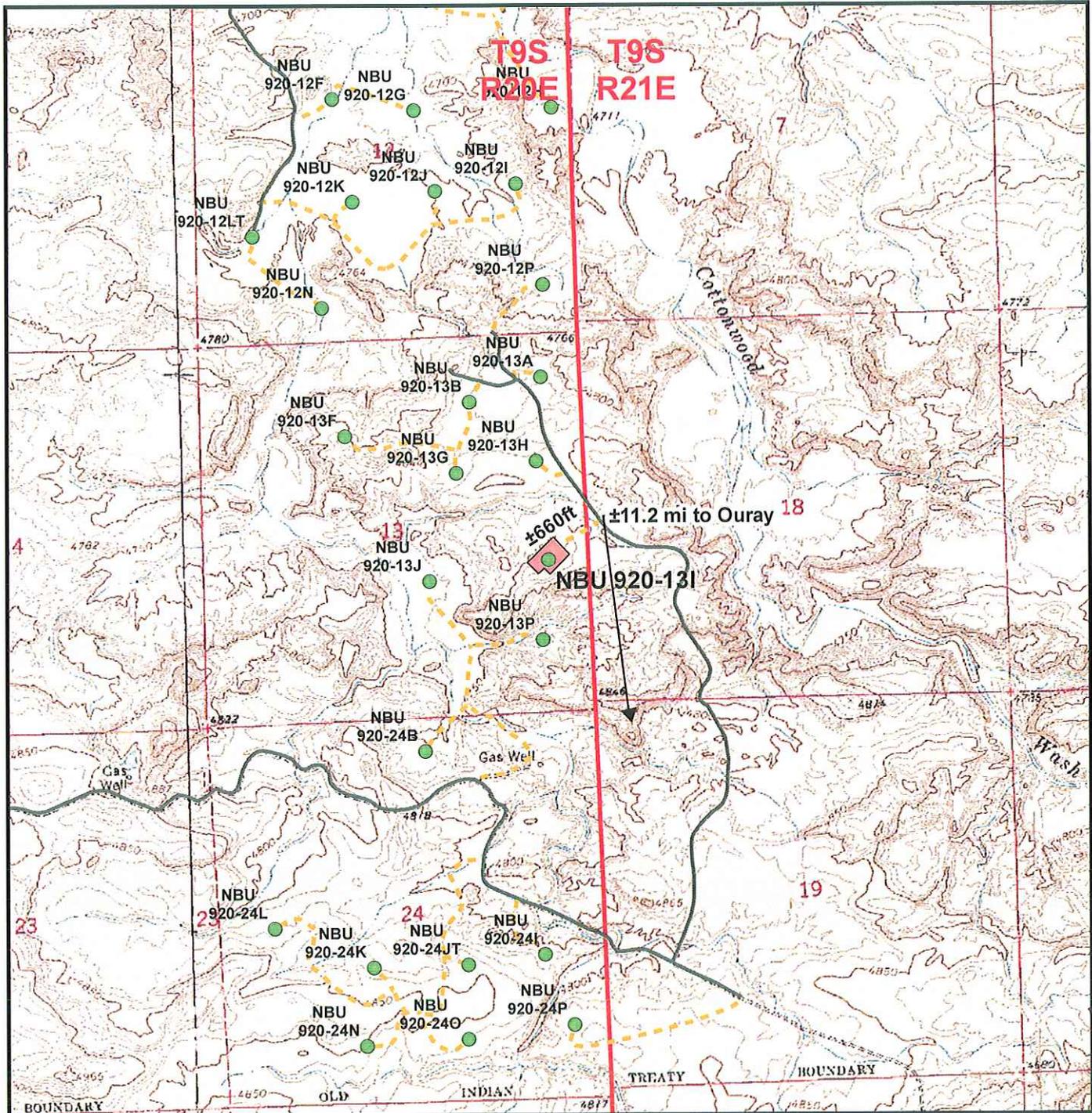
**NBU 920-131
Topo A
2095' FSL, 549' FEL
NE¼ SE¼, Section 13, T9S, R20E
S.L.B.&M., Uintah County, Utah**



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



Scale: 1:100,000	NAD83 USP Centra	Sheet No:
Drawn: JELO	Date: 26 Aug 2008	5
Revised:	Date:	5 of 9



Legend

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

Total Proposed Road Length: ±660ft

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

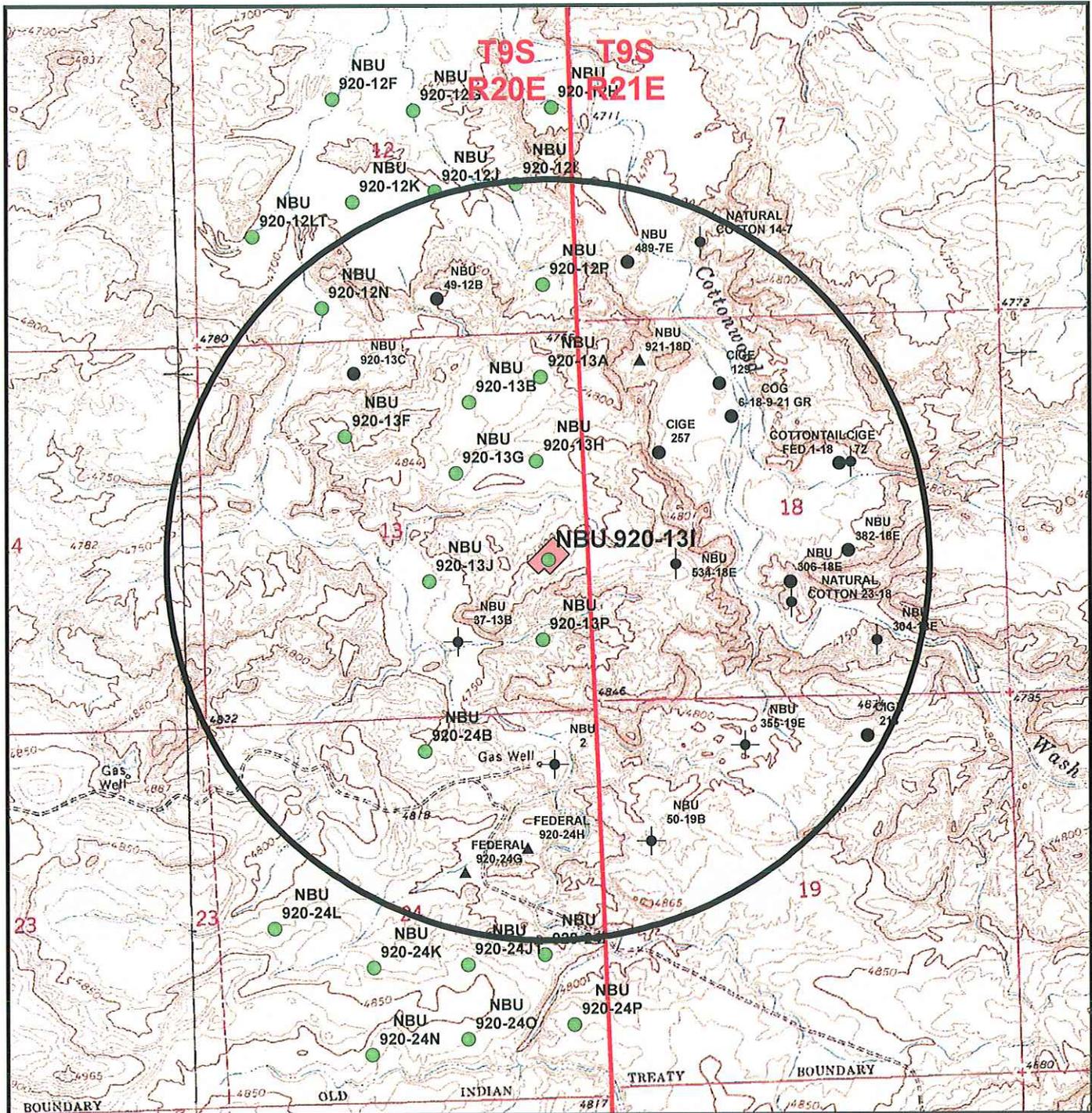
NBU 920-13I
Topo B
2095' FSL, 549' FEL
NE¼ SE¼, Section 13, T9S, R20E
S.L.B.&M., Uintah County, Utah



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



Scale: 1" = 2000ft	NAD83 USP Centra	Sheet No:
Drawn: JELo	Date: 26 Aug 2008	6
Revised:	Date:	



Legend

- Well - Proposed
- Well - 1 Mile Radius
- Producing
- ▲ Location Abandoned
- Shut-In
- Well Pad
- ▲ Approved permit (APD); not yet spudded
- Temporarily-Abandoned
- Spudded (Drilling commenced; Not yet comple
- ⊕ Plugged and Abandoned

Well locations derived from State of Utah, Dept. of Natural Resources, Division of Oil, Gas and Mining

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

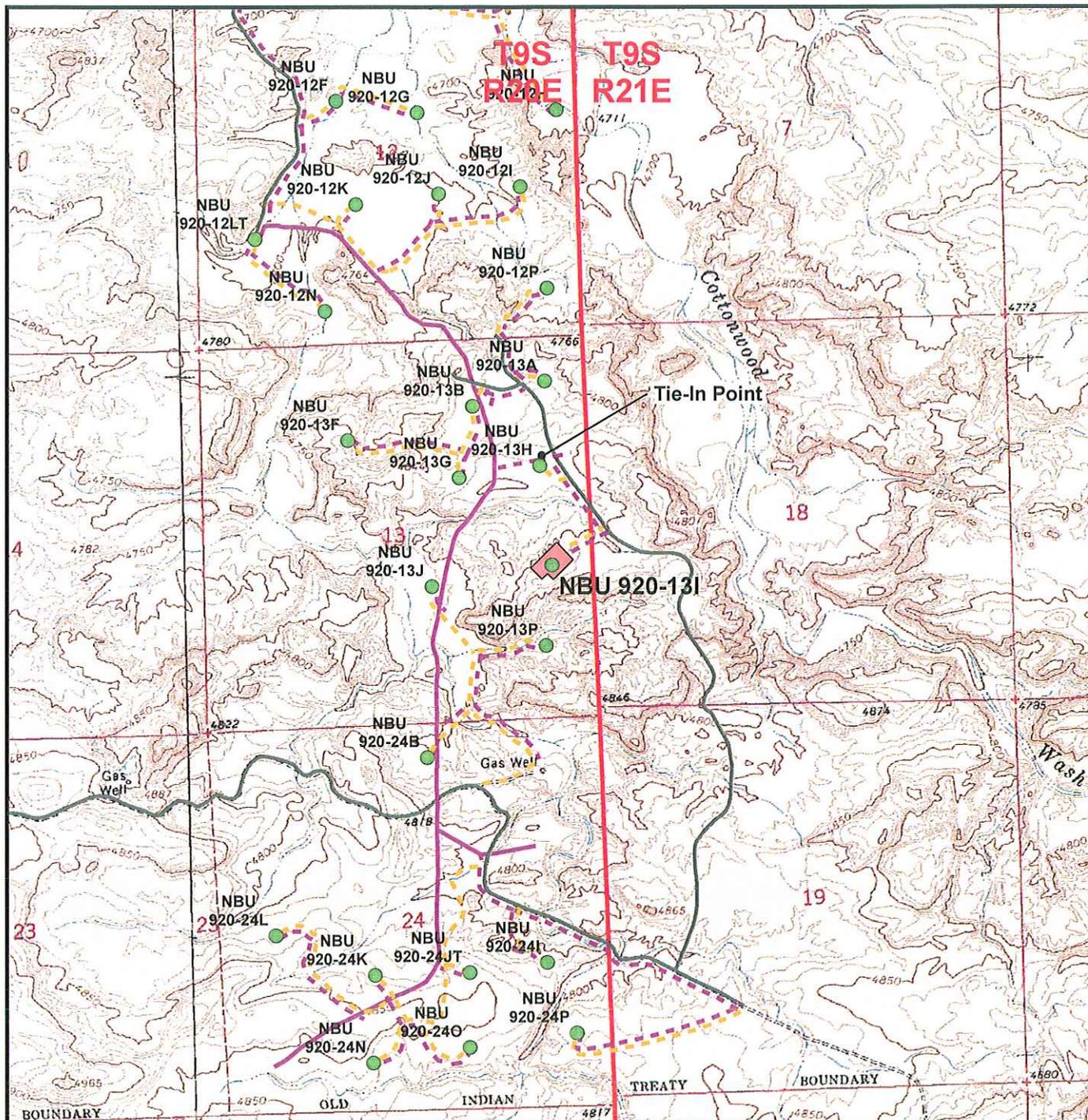
NBU 920-131
Topo C
2095' FSL, 549' FEL
NE¼ SE¼, Section 13, T9S, R20E
S.L.B.&M., Uintah County, Utah



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



Scale: 1" = 2000ft	NAD83 USP Centra	Sheet No:
Drawn: JELo	Date: 26 Aug 2008	7
Revised:	Date:	7 of 9



Legend

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

Total Proposed Pipeline Length: ±2,301ft

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

NBU 920-131
 Topo D
 2095' FSL, 549' FEL
 NE¼ SE¼, Section 13, T9S, R20E
 S.L.B.&M., Uintah County, Utah



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



Scale: 1" = 2000ft	NAD83 USP Centra	Sheet No:	
Drawn: JELO	Date: 26 Aug 2008	8	8 of 9
Revised:	Date:		

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)

September 25, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 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 2008 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ WASATCH-MESA VERDE)		
43-047-50148	NBU 920-24P Sec 24	T09S R20E 0992 FSL 0462 FEL
43-047-50149	NBU 921-12AT Sec 12	T09S R21E 0643 FNL 0670 FEL
43-047-50147	NBU 920-24L Sec 24	T09S R20E 2519 FSL 0698 FWL
43-047-50146	NBU 920-24I Sec 24	T09S R20E 1983 FSL 0829 FEL

(Proposed PZ MESA VERDE)		
43-047-50145	NBU 920-14D Sec 14	T09S R20E 0590 FNL 0835 FWL
43-047-50144	NBU 920-13I Sec 13	T09S R20E 2095 FSL 0549 FEL
43-047-50143	NBU 920-13J Sec 13	T09S R20E 1884 FSL 2217 FEL
43-047-50150	NBU 920-13H Sec 13	T09S R20E 1786 FNL 0658 FEL
43-047-50152	NBU 920-13B Sec 13	T09S R20E 0925 FNL 1555 FEL
43-047-50153	NBU 920-12P Sec 12	T09S R20E 0659 FSL 0471 FEL
43-047-40368	NBU 921-12DT Sec 12	T09S R21E 0905 FNL 0671 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:9-25-08

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/23/2008

API NO. ASSIGNED: 43047501440000

WELL NAME: NBU 920-13I

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

PHONE NUMBER: 720 929-6226

CONTACT: Kevin McIntyre

PROPOSED LOCATION: NESE 13 090S 200E

Permit Tech Review:

SURFACE: 2095 FSL 0549 FEL

Engineering Review:

BOTTOM: 2095 FSL 0549 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.03417

LONGITUDE: -109.60693

UTM SURF EASTINGS: 618858.00

NORTHINGS: 4432269.00

FIELD NAME: NATURAL BUTTES

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0579

PROPOSED FORMATION: MVRD

SURFACE OWNER: 2 - Indian

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**

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 4 - Federal Approval - 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 920-13I
API Well Number: 43047501440000
Lease Number: UTU-0579
Surface Owner: INDIAN
Approval Date: 9/25/2008

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.

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

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 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 with 24 hours of spudding the well.

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

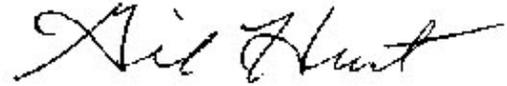
Notify the Division prior to commencing operations to plug and abandon the well.

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

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, appearing to read "Gil Hunt". The signature is written in a cursive style with a long horizontal stroke extending to the right.

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-0579
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-13I
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047501440000
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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E 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: 9/22/2009 <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: September 22, 2009

By: 

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/17/2009	



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 43047501440000

API: 43047501440000

Well Name: NBU 920-13I

Location: 2095 FSL 0549 FEL QTR NESE SEC 13 TWNP 090S RNG 200E MER S

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

Date Original Permit Issued: 9/29/2008

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

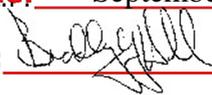
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Danielle Piernot

Date: 9/17/2009

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

Date: September 22, 2009

By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
---	---

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
--	---

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-13I
------------------------------------	--

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047501440000
---	---

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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E 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: 6/21/2010 <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 checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

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

Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests to change the surface casing size for this well from FROM: 9-5/8" TO: 8-5/8". Additionally, Kerr-McGee requests to change the cement program for this well due to a revised drilling procedure. The production casing will still be cemented it's entire length to the surface. Please see the attached drilling program for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 15, 2010

By: *Danielle Piernot*

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/14/2010



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3,390	1,880	348,000
SURFACE	8-5/8"	0 to 2680	28.00	IJ-55	LTC	0.75*	1.50	4.64
PRODUCTION	4-1/2"	0 to 9600	11.60	I-80	BTC	7,780	6,350	278,000
						10,690	8,650	367,000
		9600 to 10550	11.60	HCP-110	BTC	2.36	1.26	41.17

*Burst on surface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.01

- 1) Max Anticipated Surf. Press. (MASP) (Surf Csg) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac grad x TVD of next csg point))
 (Burst Assumptions: TD = 12.5 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 4,416 psi
- 3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
 (Burst Assumptions: TD = 12.5 ppg) 0.64 psi/ft = bottomhole gradient
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
MABHP 6,737 psi

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	180	60%	15.80	1.15
Option 1 TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt + 2% CaCl + 0.25 pps flocele	270	0%	15.80	1.15
NOTE: If well will circulate water to surface, option 2 will be utilized						
SURFACE LEAD	2,180'	Prem cmt + 16% Gel + 10 pps gilsonite + 0.25 pps Flocele + 3% salt BWOC	200	35%	11.00	3.82
TAIL	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	150	35%	15.80	1.15
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.80	1.15
PRODUCTION LEAD	4,650'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	350	20%	11.00	3.38
TAIL	5,900'	50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3	1,240	20%	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. Centralize first 3 joints & every third joint for a total of 15 bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. 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.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems 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: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579	

SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-13I
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047501440000
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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E 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: 6/21/2010	<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 checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests to change the surface casing size for this well from FROM: 9-5/8" TO: 8-5/8". Additionally, Kerr-McGee requests to change the cement program for this well due to a revised drilling procedure. The production casing will still be cemented it's entire length to the surface. Please see the attached drilling program for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 15, 2010

By: *Danielle Piernot*

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/14/2010	



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3,390	1,880	348,000
SURFACE	8-5/8"	0 to 2680	28.00	IJ-55	LTC	0.75*	1.50	4.64
PRODUCTION	4-1/2"	0 to 9600	11.60	I-80	BTC	7,780	6,350	278,000
		9600 to 10550	11.60	HCP-110	BTC	1.71	1.02	2.81
						10,690	8,650	367,000
						2.36	1.26	41.17

*Burst on surface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.01

- 1) Max Anticipated Surf. Press. (MASP) (Surf Csg) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac grad x TVD of next csg point))
 (Burst Assumptions: TD = 12.5 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 4,416 psi
- 2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft - partial evac gradient x TD)
 (Burst Assumptions: TD = 12.5 ppg) 0.64 psi/ft = bottomhole gradient
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
MABHP 6,737 psi

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	180	60%	15.80	1.15
Option 1 TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt + 2% CaCl + 0.25 pps flocele	270	0%	15.80	1.15
NOTE: If well will circulate water to surface, option 2 will be utilized						
SURFACE LEAD	2,180'	Prem cmt + 16% Gel + 10 pps gilsonite + 0.25 pps Flocele + 3% salt BWOC	200	35%	11.00	3.82
TAIL	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	150	35%	15.80	1.15
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.80	1.15
PRODUCTION LEAD	4,650'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	350	20%	11.00	3.38
TAIL	5,900'	50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3	1,240	20%	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

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SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint for a total of 15 bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. 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.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems 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: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
1. TYPE OF WELL Gas Well	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	8. WELL NAME and NUMBER: NBU 920-13I	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. API NUMBER: 43047501440000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E 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: 9/30/2010	<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: <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: October 06, 2010

By:

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/29/2010	



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 43047501440000

API: 43047501440000

Well Name: NBU 920-13I

Location: 2095 FSL 0549 FEL QTR NESE SEC 13 TWNP 090S RNG 200E MER S

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

Date Original Permit Issued: 9/29/2008

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: 9/29/2010

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

Date: October 06, 2010

By:

[Handwritten signature]

BLM - Vernal Field Office - Notification Form

Operator KERR-McGEE OIL & GAS Rig Name/# BUCKET RIG
Submitted By ANDY LYTLE Phone Number 720.929.6100
Well Name/Number NBU 920-131
Qtr/Qtr NESE Section 13 Township 9S Range 20E
Lease Serial Number UTU-0579
API Number 4304750144

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 11/24/2010 08:00 HRS AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

RECEIVED
NOV 22 2010
DIV. OF OIL, GAS & MINING

Date/Time 12/13/2010 00:00 HRS AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks ESTIMATED DATE AND TIME. PLEASE CONTACT KENNY GATHINGS AT 435.781.7048 OR LOVEL YOUNG AT 435.828.0986

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
---	---

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
--	---

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-13I
------------------------------------	--

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047501440000
---	---

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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E Meridian: S	COUNTY: Uintah STATE: Utah
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/24/2010 <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 type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.
 RAN 14" 36.7# SCHEDULE 10 CONDUCTOR PIPE. CMT W/ 28 SX READY MIX
 SPUD WELL LOCATION ON NOVEMBER 24, 2010 AT 9:30 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 11/29/2010

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 11/29/2010

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

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
 Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750144	NBU 920-13I		NESE	13	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	11/24/2010			12/14/10	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>MURD = WSTMVD</i> SPUD WELL LOCATION ON 11/24/2010 AT 9:30 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750125	NBU 920-12J		NWSE	12	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	11/25/2010			12/14/10	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 11/25/2010 AT 11:00 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750124	NBU 920-12K		NESW	12	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	11/24/2010			12/14/10	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 11/24/2010 AT 10:30 HRS.							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

NOV 29 2010

ANDY LYTLE

Name (Please Print)

Signature 

REGULATORY ANALYST

Title

11/29/2010

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-131
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047501440000
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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/1/2011	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

MIRU CAPSTAR AIR RIG #311 ON JANUARY 30, 2011. DRILLED 12 1/4" SURFACE HOLE TO 2815'. RAN 8 5/8" 28# IJ-55 SURFACE CSG. PUMP 50 BBLS FRESH WATER. PUMP 20 BBLS GEL WATER. LEAD CEMENT W/ 350 SX CLASS G PREM @ 11.0 PPG, 3.52 YD. TAILED CEMENT W/ 275 SX CLASS G PREM LITE @ 15.8 PPG, 1.15 YD. DROP PLUG ON THE FLY, DISPLACED W/ 176.5 BBLS WATER. 490 PSI OF LIFT @ 2 BBLS/MIN. 15 BBLS LEAD TO SURFACE. BUMP PLUG W/ 900 PSI. FLOAT HELD. RAN 100' OF 1" PIPE & CEMENT 65 SX CLASS G PREM LITE @ 15.8 PPG, 1.15 YD. CEMENT TO SURFACE. WORT.

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

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 2/2/2011

SUBMIT AS EMAIL

Print For

BLM - Vernal Field Office - Notification Form

Operator ANADARKO Rig Name/# PIONEER 69
Submitted By BRAD PEDERSEN Phone Number 435-828-0982
Well Name/Number NBU 920-131
Qtr/Qtr NE/SE Section 13 Township 9S Range 20E
Lease Serial Number UTU-0579
API Number 43-047-50144

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time 4/11/2011 04:00 AM PM

Remarks TIME IS APPROXAMATE

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
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.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NBU 920-13I
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		9. API NUMBER: 43047501440000
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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/20/2011	<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 type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>MIRU ROTARY RIG. FINISHED DRILLING FROM 2815' TO 10,587' ON APRIL 18, 2011. RAN 4-1/2" 11.6# I-80 PRODUCTION CASING TO 9514'. RAN 4 1/2" 11.6# P110 CSG FROM 9514' TO 10,576'. CEMENTED PRODUCTION CASING @ 9514'. RELEASED PIONEER RIG 69 ON APRIL 20, 2011 @ 22:00 HRS. DETAILS OF CEMENT JOB WILL BE INCLUDED WITH THE WELL COMPLETION REPORT. WELL IS WAITING ON FINAL COMPLETION ACTIVITIES.</p>		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 4/21/2011

SUBMIT AS EMAIL

Print Form

BLM - Vernal Field Office - Notification Form

Operator ANADARKO Rig Name/# PIONEER 69
Submitted By DALTON KING Phone Number 435-828-0982
Well Name/Number NBU 920-131
Qtr/Qtr NE/SE Section 13 Township 9S Range 20E
Lease Serial Number UTU-0579
API Number 43-047-50144

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 04/20/2011 03:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks TIME IS ESTIMATED

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-13I	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047501440000	
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: 2095 FSL 0549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 09.0S Range: 20.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/13/2011	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER
		OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 05/13/2011 AT 5:13 PM. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/17/2011	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU0579

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. UTU63047A	
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE, Mail: gina.becker@anadarko.com		8. Lease Name and Well No. NBU 920-131	
3. Address POBOX 173779 DENVER, CO 80217		3a. Phone No. (include area code) Ph: 720-929-6086	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 2095FSL 0549FEL 40.034205 N Lat, 109.607651 W Lon At top prod interval reported below NESE 2095FSL 0549FEL 40.034205 N Lat, 109.607651 W Lon At total depth NESE 2095FSL 0549FEL 40.034205 N Lat, 109.607651 W Lon		9. API Well No. 43-047-50144	
14. Date Spudded 11/24/2010		15. Date T.D. Reached 04/18/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/13/2011		17. Elevations (DF, KB, RT, GL)* 4809 GL	
18. Total Depth: MD 10587 TVD 10583		19. Plug Back T.D.: MD 10530 TVD 10526	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCBL/GR-CCL-HDIL/ZDL/CNGR	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STL	36.7		40		28			
12.250	8.625 IJ-55	28.0		2806		690		0	
7.875	4.500 I-80	11.6		9514		2030		40	
7.875	4.500 P-110	11.6	9514	10576					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9805							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	6959	7215	6959 TO 7215	0.360	24	OPEN
B) MESAVERDE	8362	10300	8362 TO 10300	0.360	115	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
6959 TO 10300	PUMP 4,896 BBLs SLICK H2O & 96,522 LBS SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/13/2011	05/16/2011	24	▶	0.0	3051.0	288.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 1858	2649.0	▶	0	3051	288		PGW	

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #110733 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

DIV. OF OIL, GAS & MINING

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

<p>30. Summary of Porous Zones (Include Aquifers):</p> <p>Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.</p>	<p>31. Formation (Log) Markers</p>
---	------------------------------------

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1744				
BIRD'S NEST	1969				
MAHOGANY	2396				
WASATCH	5151	8360			
MESAVERDE	8360	10587			

32. Additional remarks (include plugging procedure):
 Attached is the chronological well history & final survey. Completion chrono details individual frac stages.

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

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #110733 Verified by the BLM Well Information System.
 For KERR MCGEE OIL & GAS ONSHORE,L, sent to the Vernal**

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DIR. OF OIL, GAS & MINING

Name (please print) GINA T. BECKER Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 06/16/2011

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

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

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-13I Spud Conductor: 11/24/2010 Spud Date: 1/30/2011
 Project: UTAH-UINTAH Site: NBU 920-13I Rig Name No: PIONEER 69/69, CAPSTAR 311/311
 Event: DRILLING Start Date: 11/23/2010 End Date: 4/20/2011
 Active Datum: RKB @4,827.00ft (above Mean Sea Level) UWI: NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
1/30/2011	7:00 - 13:00	6.00	DRLSUR	01	A	P		CONDUCT SAFETY MEETING AND MOVE RIG TO NBU 920-13I (1MILE MOVE)
	13:00 - 14:30	1.50	DRLSUR	14	A	P		WELD ON CONDUCTOR
	14:30 - 16:00	1.50	DRLSUR	01	B	P		RIG UP FLOW LINE FILL MUD TANKS AND PICK UP MUD MOTOR PREPARE TO SPUD
	16:00 - 0:00	8.00	DRLSUR	02	B	P		SPUD WELL DRILL F/ 40' - 590' AVE ROP 73 FT HR WOB 4-19 ROT 45-65 DHR 99 GPM 620 LAST SURVEY 512' .75 DEG NO LOSSES
1/31/2011	0:00 - 13:00	13.00	DRLSUR	02	B	P		DRILL F/ 590' - 1650' AVE ROP 71 FT HR NO LOSSES WOB 18-20 ROT 50-60 DHR 99 GPM 620 LAST SURVEY 1336' .5 DEG
	13:00 - 13:30	0.50	DRLSUR	07	A	P		DAILY RIG SERVICE
	13:30 - 0:00	10.50	DRLSUR	02	B	P		DRILL F/ 1650' - 2270' AVE ROP 71 FT HR NO LOSSES WOB 18-20 ROT 50-60 DHR 99 GPM 620 LAST SURVEY AT 2157 1.5 DEG
2/1/2011	0:00 - 0:00	24.00	DRLSUR					CONDUCTOR CASING: Cond. Depth set: 40' Cement sx used: 28
								SPUD DATE/TIME: 1/30/2011 16:00
								SURFACE HOLE: Surface From depth: 40 Surface To depth: 2,815 Total SURFACE hours: 41.50 Surface Casing size: 8 5/8 # of casing joints ran: 63 Casing set MD: 2,796.0 # sx of cement: 350/275/65 Cement blend (ppg): 11/15.8/15.8 Cement yield (ft3/sk): 1.15/3.52/1.15 # of bbls to surface: 0 Describe cement issues: NONE
	0:00 - 10:00	10.00	DRLSUR	02	B	P		DRILL F/ 2270' - 2815' T.D. AVE ROP 54 FT HR WOB 14 - 18 ROT 50-60 DHR 99 GPM LAST SURVEY 1.75
	10:00 - 11:00	1.00	DRLSUR	05	C	P		CIRCULATE AND CONDITION MUD PRIOR TO LDDS
	11:00 - 14:30	3.50	DRLSUR	06	A	P		TOOH LAYING DOWN DRILL STRING BREAK BIT AND L/D MUD MOTOR
	14:30 - 18:00	3.50	DRLSUR	12	C	P		RIG UP AND RUN 63 JOINTS 8 5/8 SURFACE CASING SHOE AT 2796'
	18:00 - 22:00	4.00	DRLSUR	12	E	P		HOLD SAFETY MEETING W/ SUPERIOR WELL SERVICES CEMENTERS. INSTALL CEMENT HEAD ON TOP OF LANDING JT. PRESSURE TEST LINE TO 2000 PSI. PUMP 50 BBLs OF WATER AHEAD, PUMP 20 BBLs OF GEL WATER. PUMP 350 SX OF 11#, 3.52 YD, 23 GAL/SK HI FILL LEAD, PUMP 275 SX OF 15.8# 1.15 YD, 5 GAL/SK TAIL PREM. CLASS G CEMENT. DROP PLUG ON FLY, DISPLACE W/ 176.5 BBLs OF WATER. 490 PSI OF LIFT @ 2 BBLs/MIN RATE. 15 BBLs OF LEAD TO SURFACE. BUMP PLUG W/ 900 PSI. FLOAT HELD. CUT CONDUCTOR AND HANG OFF CASING RIG DOWN FLOW LINE
	22:00 - 23:00	1.00	DRLSUR	14	A	P		RUN 100' OF 1" PIPE AND CEMENT 65 SKS 15.8 TAIL CEMENT. CEMENT TO SURFACE RELEASE RIG @ 23:59 TO NBU 920-13G
	23:00 - 0:00	1.00	DRLSUR	12	E	P		

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P/O: OIL, C/S & MINING

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-131 Spud Conductor: 11/24/2010 Spud Date: 1/30/2011
 Project: UTAH-UINTAH Site: NBU 920-131 Rig Name No: PIONEER 69/69, CAPSTAR 311/311
 Event: DRILLING Start Date: 11/23/2010 End Date: 4/20/2011
 Active Datum: RKB @4,827.00ft (above Mean Sea Level) UWI: NE/SE/O/9/S/20/E/13/O/0/26/PM/S/2095/E/0/549/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/10/2011	3:00 - 7:00	4.00	RDMO	01	E	P		RDRT, FLOOR, PITS, PUMPS, FLARE LINES, BUSTER, WATER
	7:00 - 11:00	4.00	RDMO	01	E	P		SAFETY MEETING W/ WEST ROC, J & C ENTERPRISES, MOUNTAIN WEST, & RIG CREW, SCOPE & LOWER DERRICK, LOWER SUB, R/D WATER, AIR, HYDRAULICS, LOAD OUT TRUCKS MOVE 1/2 MILE
	11:00 - 0:00	13.00	MIRU	01	B	P		SET IN SUB, COOLING TOUR, MUD BOAT, CARRIER, PITS, PUMPS & BUILDINGS, R/U WATER, AIR, ELECTRICAL, HYDRAULICS, SCOPE SUB, RAISE & SCOPE DERRICK, R/U PUMPS, PITS, BUSTER, FLARE LINES & MISC, FLOOR, P/U KELLY, 3 BED, 3 HAUL TRUCKS, FORKLIFT & CRANE ON LOCATION @ 0700, RELEASED CRANE & TRUCKS @ 1600
4/11/2011	0:00 - 2:00	2.00	MIRU	14	A	P		NIPPLE UP BOP & FUNCTION TEST
	2:00 - 7:00	5.00	MIRU	15	A	P		S/M W/ B&C QUICK TEST, R/ UP & TEST FLOOR VALVES, UPPER & LOWER KELLY VALVES PIPE RAMS, BLIND RAMS, INSIDE & OUTSIDE CHOKE & KILL LINE VALVES, HCR VALVE, CHOKE MANIFOLD TO 250 PSI F/ 5 MIN, 5000 F/ 10 MIN, ANNULAR TO 250 F/ 5MIN, 2500 F/ 10 MIN, CASING TO 1500 PSI F/ 30 MIN, R/D TRESTER
	7:00 - 7:30	0.50	MIRU	14	B	P		INSTALL WEAR RING
	7:30 - 13:30	6.00	DRLPRO	06	A	P		S/M W/ KIMZEY R/U & P/U HUGHES Q506F BIT, INTEQ .20 RPG/1.5 BEND MOTOR, DIR TOOLS, ORIENT MWD, BHA, 61JTS DP TO 2495', R/D KIMZEY
	13:30 - 14:00	0.50	DRLPRO	07	B	P		RIG SERVICE CENTER DERRICK ON HOLE
	14:00 - 17:00	3.00	DRLPRO	02	F	P		DRILL CEMENT & F.E F/ 2495' TO 2824' (SPUD @ 14:00 4/11/2011)
	17:00 - 0:00	7.00	DRLPRO	02	B	P		DRILL F/ 2824' TO 3540' (716' @ 102.2' HR) WOB 18-21, RPM 45-50, MMRPM 95, SPM 125, GPM 474, UP/SO/ROT 107-90-101, ON/OFF 1273-878, DIFF 380-475, SLIDES 3264-3285, 3359-3366, WATER W/ GEL & POLY SWEEPS, 5' TO 15' FLARE, GETTING BACK ALOT OF OIL
4/12/2011	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 3540' TO 4119' (578' @ 96.3' HR) WOB 18-21, RPM 45-55, MMRPM 106, SPM 140, GPM 530, UP/SO/ROT 107-90-101, ON-OFF 1273-878, DIFF 380-475, SLIDES 3612-3622, 3833-3844, WATER W/ GEL & POLY SWEEPS, 5' TO 10' FLARE
	6:00 - 16:30	10.50	DRLPRO	02	B	P		DRILL F/ 4118' TO 5255' (1137' @ 108.2' HR) WOB 18-21, RPM 45-55, MMRPM 106, SPM 140, GPM 530, UP/SO/ROT 125-110-120, ON/OFF 1632-1164, DIFF, 363-480, SLIDES 4150-4167, 4242-4252, 4466-4481, 4592, 4607, WATER W/ GEL & POLY SWEEPS, 5' TO 10' FLARE
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE, FUNCTION ANNULAR
	17:00 - 0:00	7.00	DRLPRO	02	B	P		DRILL F/ 5255' TO 6047' (792' @ 113.1' HR) WOB 20-24, RPM 45-55, MMRPM 106, SPM 140, GPM 530, UP/SO/ROT 150-125-140, ON/OFF 1634-989, DIFF 222-587, SLIDES 4687-4697, 4782-4797, 5098-5113, 5414-5429, WATER W/ GEL & POLY SWEEPS, 5' TO 10' FLARE
	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 6047' TO 6584' (537' @ 89.5' HR) WOB 20-24, RPM 45-55, MMRPM 106, SPM 140, GPM 530, UP/SO/ROT 150-124-140, ON/OFF 1634-989, DIFF 222-587, WATER W/ GEL & POLY SWEEPS, 5' TO 10' FLARE
4/13/2011	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 6047' TO 6584' (537' @ 89.5' HR) WOB 20-24, RPM 45-55, MMRPM 106, SPM 140, GPM 530, UP/SO/ROT 150-124-140, ON/OFF 1634-989, DIFF 222-587, WATER W/ GEL & POLY SWEEPS, 5' TO 10' FLARE

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D/C OF OIL, GAS & MINING

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-13I Spud Conductor: 11/24/2010 Spud Date: 1/30/2011
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 Event: DRILLING Start Date: 11/23/2010 End Date: 4/20/2011
 Active Datum: RKB @4,827.00ft (above Mean Sea Level) UWI: NE/SE/O/9/S/20/E/13/O/0/26/PM/S/2095/E/0/549/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 17:00	11.00	DRLPRO	02	B	P		DRILL F/ 6584' - 7500' 916'/11 HR, 83.3'/HR WOB 20-24, RPM 45-55, MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 170/135/155, ON/OFF 1850/1360, DIFF 300-550, WATER W/ GEL & POLY SWEEPS, 5' TO 10' FLARE STARTED MUDDING UP @ 7400' 34/VIS 8.9/WT.
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:30 - 0:00	6.50	DRLPRO	02	B	P		DRILL F/7500'-7771' 271'/6.5 HR, 41.7'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 175/140/155, ON/OFF 1815/2200, DIFF 300-400, 34/VIS 10.1/WT. INTERMITTENT 2-3' FLARE
4/14/2011	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/7771'-8069' 298'/6 HR, 49.7'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 175/140/155, ON/OFF 1815/2200, DIFF 300-400, 34/VIS 10.2/WT.
	6:00 - 16:30	10.50	DRLPRO	02	B	P		DRILL F/8069'-8542' 473'/10.5 HR, 45'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 180/150/165, ON/OFF 1850/2250, DIFF 300-400, 36/VIS 10.8/WT.
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:00 - 0:00	7.00	DRLPRO	02	B	P		DRILL F/8542'-8795' 253'/7 HR, 31.1'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 185/150/168, ON/OFF 1880/2200, DIFF 200-350, 36/VIS 11.2/WT.
4/15/2011	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/8795'-9016' 221'/6 HR, 36.8'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 185/150/168, ON/OFF 1880/2200, DIFF 200-350, 36/VIS 11.5/WT.
	6:00 - 12:00	6.00	DRLPRO	01	B	P		DRILL F/9016'-9269 253'/6 HR, 42.2'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 190/160/175, ON/OFF 1910/2240, DIFF 200-350, 39/VIS 11.8/WT.
	12:00 - 12:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	12:30 - 13:00	0.50	DRLPRO	02	B	P		DRILL F/9269'-9293' 24'/5 HR, 48'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 190/160/175, ON/OFF 1910/2240, DIFF 200-350, 36/VIS 11.8/WT.
	13:00 - 13:30	0.50	DRLPRO	08	A	Z		ADJUST BRAKES
	13:30 - 21:30	8.00	DRLPRO	02	B	P		DRILL F/9293'-9553' 260'/8HR, 32.5'/HR WOB 20-24, RPM 45-55,MMRPM 91, SPM 120, GPM 454, UP/SO/ROT 190/155/175, ON/OFF 1940/2280, DIFF 200-350, 38/VIS 11.9/WT. 10' FLARE @ 9520'
	21:30 - 23:00	1.50	DRLPRO	05	C	P		CIRC., BUILD A 50 BBL. 14# PILL AND PUMP IT
4/16/2011	23:00 - 0:00	1.00	DRLPRO	06	A	P		TFB #1
	0:00 - 7:00	7.00	DRLPRO	06	A	P		TOH AND L/D THE DIRECTIONAL ASSY.
	7:00 - 8:30	1.50	DRLPRO	06	A	P		P/U A .16 RPG MUD MOTOR AND TIH TO THE SHOE.
	8:30 - 10:00	1.50	DRLPRO	09	A	P		SLIPAND CUT 125' OF DRLG LINE
	10:00 - 11:30	1.50	DRLPRO	06	A	P		TIH TO 5100'
	11:30 - 13:00	1.50	DRLPRO	03	A	S		WASHED AND REAMED F/ 5100'-5200'
	13:00 - 15:00	2.00	DRLPRO	06	A	P		TIH TO 9475'
	15:00 - 16:30	1.50	DRLPRO	03	E	P		PU THE KELLY, WASHED AND REAMED F/ 9475' - 9553'. UNDERGUAGE HOLE.
	16:30 - 17:00	0.50	DRLPRO	02	B	P		DRILL F/9553'-9570' 171'.5HR, 34'/HR WOB 20-24, RPM 45-55,MMRPM 73, SPM 120, GPM 454, UP/SO/ROT 190/155/170, ON/OFF 1980/2310, DIFF 200-350, 38/VIS 12.3/WT.
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-131 Spud Conductor: 11/24/2010 Spud Date: 1/30/2011
 Project: UTAH-UINTAH Site: NBU 920-131 Rig Name No: PIONEER 69/69, CAPSTAR 311/311
 Event: DRILLING Start Date: 11/23/2010 End Date: 4/20/2011
 Active Datum: RKB @4,827.00ft (above Mean Sea Level) UWI: NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/17/2011	17:30 - 0:00	6.50	DRLPRO	02	B	P		DRILL F/9570'-9855', 285'/6.5HR, 47.5'/HR, WOB 20-22, RPM 45-55,MMRPM 73, SPM 120, GPM 454, UP/SO/ROT 195/155/172, ON/OFF 2010/2350, DIFF 200-350, 44/VIS 12.4/WT.
	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/9855'-10044', 190'/6HR, 31.6'/HR, WOB 20-22, RPM 45-55,MMRPM 73, SPM 120, GPM 454, UP/SO/ROT 195/155/172, ON/OFF 2180/2450, DIFF 200-350, 44/VIS 12.3/WT.
	6:00 - 17:00	11.00	DRLPRO	02	B	P		DRILL F/10044'-10298,254'/11HR, 23.1'/HR, WOB 20-22, RPM 45-55,MMRPM 73, SPM 120, GPM 454, UP/SO/ROT 205/165/180, ON/OFF 2219/2490, DIFF 200-350, 42/VIS 12.4/WT. INTERMITTENT 3-5' FLARE ON CONNECTION GAS.
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:30 - 0:00	6.50	DRLPRO	02	B	P		DRILL F/10298-10487', 189'/6.5HR, 29.1'/HR, WOB 20-25, RPM 45-60,MMRPM 70, SPM 115, GPM 435, UP/SO/ROT 205/165/180, ON/OFF 2219/2490, DIFF 200-350, 42/VIS 12.4/WT.
4/18/2011	0:00 - 6:30	6.50	DRLPRO	02	B	P		DRILL F/10487'-10587,100'/6.5HR, 15.4'/HR, WOB 20-25, RPM 45-60,MMRPM 70, SPM 115, GPM 435, UP/SO/ROT 205/165/188, ON/OFF 2219/2490, DIFF 200-350, 42/VIS 12.5/WT.
	6:30 - 8:00	1.50	DRLPRO	05	C	P		CIRC./ COND F/ THE WIPER TRIP
	8:00 - 11:30	3.50	DRLPRO	06	E	P		TOH TO THE SHOE. WIPER TRIP. 20-25K OVERPULL @ 5900', 4920', 4300', 4150'
	11:30 - 12:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	12:00 - 16:00	4.00	DRLPRO	06	E	P		TIH WE HAD TO WORK THROUGH A FEW TIGHT SPOTS F/ 8000'-8800' CLAY SECTIONS WASHED DOWN THE LAST 38', NO FILL
	16:00 - 16:30	0.50	DRLPRO	03	D	P		CIRC/ COND, BUILD AND PUMP A 50 BBL. 14.2# PILL 15' FLARE ON BOTTOMS UP
	16:30 - 18:30	2.00	DRLPRO	05	C	P		TOH F/ LOGS.
	18:30 - 0:00	5.50	DRLPRO	06	B	P		TOH F/ LOGS AND L/D THE MUD MOTOR
4/19/2011	0:00 - 1:00	1.00	DRLPRO	06	B	P		S/M RU BAKER ATLAS AND RAN TRIPLE COMBO LOG. LOGS BRIDGED OUT @ 7925'. LOGGED OUT FROM 7925'-SURFACE LOST THE NOSE CONE OFF THE LOGGING TOOL
	1:00 - 6:00	5.00	DRLPRO	11	D	P		TIH TO CLEAN OUT FOR A 2ND LOGGING ATTEMPT. NO FILL DID NOT SEE A BRIDGE ON THE WAY IN.
	6:00 - 12:00	6.00	DRLPRO	06	F	S		CIRC AND COND. MUD F/ LOGS
	12:00 - 14:00	2.00	DRLPRO	05	C	P		TOH LDDP AND BHA A FEW SCATTERED SWOLLEN CLAY SECTIONS.
	14:00 - 23:30	9.50	DRLPRO	06	B	P		PULLED THE WEAR BUSHING
4/20/2011	23:30 - 0:00	0.50	DRLPRO	14	B	P		RU AND RAN TRIPLE COMBO LOG. DRILLERS TD 10587', LOGGERS TD10587'. WE WENT IN WITH A SLICK TOOL FOR THE 2ND LOGGING ATTEMPT SINCE THE HOLE HAD BEEN A LITTLE STICKY ON ALL TRIPS.
	0:00 - 3:30	3.50	DRLPRO	11	D	P		HELD A S/M RU KIMSEY CASING AND RAN 24JTS OF 4.5/ HCP-110/11.6#/BTC, 225 JTS OF 4.5/1-80/11.6#/BTC CASING + 2 MARKER JTS. LANDED @ 10575.46, SHOE/10573.96, FC/10528.49, MARKERS @ 5215.50'-5235.85', AND 8308.57'-8335.67'.
	3:30 - 14:30	11.00	DRLPRO	12	C	P		CIRC CASING 1050 PSI @ 95 SPM RD KIMSEY CASING CREW.
	14:30 - 15:30	1.00	DRLPRO	05	D	P		

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Operation Summary Report

Well: NBU 920-13I		Spud Conductor: 11/24/2010		Spud Date: 1/30/2011	
Project: UTAH-UINTAH			Site: NBU 920-13I		Rig Name No: PIONEER 69/69, CAPSTAR 311/311
Event: DRILLING			Start Date: 11/23/2010		End Date: 4/20/2011
Active Datum: RKB @4,827.00ft (above Mean Sea Level)			UWI: NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	15:30 - 18:00	2.50	DRLPRO	12	E	P		SAFETY MEETING AND PUMP CEMENT JOB. PUMPED A 40 BBL. WATER SPACER, 635 SKS(223.9 BBLS)/12.5#/1.98 YLD. LEAD CMT, FOLLOWED W/ 1395SKS.(325.5 BBL.)/14.3#/1.31 YLD. TAIL CMT. DISPLACED W/ 163.9 BBL. OF CLAYTREAT WATER. FINAL LIFT 3750 PSI, BUMPED PLUG @ 4100 PSI, HELD PRESS F/ 3 MIN. 2.5 BBL. BACK TO THE TRUCK FLOATS HELD, 40 BBLS LEAD CMT BACK TO PIT, EST TOP OF TAIL 3500', FLUSH STACK, R/D CEMENTERS. PD @ 17:49 4/20/2011 SET SLIPS w 103K, ND BOP AND CLEANED THE PITS RIG RELEASED @ 22:00
	18:00 - 22:00	4.00	DRLPRO	14	A	P		

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Well: NBU 920-13I	Spud Conductor: 11/24/2010	Spud Date: 1/30/2011
Project: UTAH-UINTAH	Site: NBU 920-13I	Rig Name No: PIONEER 69/69, CAPSTAR 311/311
Event: DRILLING	Start Date: 11/23/2010	End Date: 4/20/2011
Active Datum: RKB @4,827.00ft (above Mean Sea Level)	UWI: NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
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22:00 - 22:00 0.00 DRLPRO

CONDUCTOR CASING:
 Cond. Depth set: 40
 Cement sx used: 28

SPUD DATE/TIME: 1/30/2011 16:00

SURFACE HOLE:
 Surface From depth: 40
 Surface To depth: 2,815
 Total SURFACE hours: 4105.00
 Surface Casing size: 10 5/8
 # of casing joints ran: 63
 Casing set MD: 2,796.0
 # sx of cement: 350/275/65
 Cement blend (ppg): 11/15.8/15.8
 Cement yield (ft3/sk): 1.15/3.52/1.15
 # of bbls to surface: 0
 Describe cement issues: NONE
 Describe hole issues:

PRODUCTION:
 Rig Move/Skid start date/time: 4/10/2011 7:00
 Rig Move/Skid finish date/time: 4/11/2011 0:00
 Total MOVE hours: 17.0
 Prod Rig Spud date/time: 4/11/2011 14:00
 Rig Release date/time: 4/20/2011 22:00
 Total SPUD to RR hours: 224.0
 Planned depth MD 10,604
 Planned depth TVD 10,604
 Actual MD: 10,587
 Actual TVD: 10,584
 Open Wells \$:
 AFE \$:
 Open wells \$/ft:

PRODUCTION HOLE:
 Prod. From depth: 2,824
 Prod. To depth: 10,587
 Total PROD hours: 135
 Log Depth: 10587
 Float Collar Top Depth: 10528.4
 Production Casing size: 4 1/2
 # of casing joints ran: 251
 Casing set MD: 10,575.5
 Stage 1
 # sx of cement: 635/LEAD 1295/TAIL
 Cement density (ppg): 12.5/LEAD 14.3/TAIL
 Cement yield (ft3/sk): 1.98/LEAD 1.31/TAIL
 Stage 2
 # sx of cement:
 Cement density (ppg):
 Cement yield (ft3/sk):
 Top Out Cmt
 # sx of cement:
 Cement density (ppg):
 Cement yield (ft3/sk):
 Est. TOC (Lead & Tail) or 2 Stage :
 Describe cement issues:
 Describe hole issues:

DIRECTIONAL INFO:
 KOP:
 Max angle:
 Departure:

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Operation Summary Report

Well: NBU 920-131		Spud Conductor: 11/24/2010		Spud Date: 1/30/2011	
Project: UTAH-UINTAH		Site: NBU 920-131		Rig Name No: PIONEER 69/69, CAPSTAR 311/311	
Event: DRILLING		Start Date: 11/23/2010		End Date: 4/20/2011	
Active Datum: RKB @4,827.00ft (above Mean Sea Level)		UWI: NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								Max dogleg MD: Actual TVD: 10,584 Open Wells \$: AFE \$: Open wells \$/ft: PRODUCTION HOLE: Prod. From depth: 2,824 Prod. To depth: 10,587 Total PROD hours: 135 Log Depth: 10587 Float Collar Top Depth: 10528.4 Production Casing size: 4 1/2 # of casing joints ran: 251 Casing set MD: 10,575.5 Stage 1 # sx of cement: 635/LEAD 1295/TAIL Cement density (ppg): 12.5/LEAD 14.3/TAIL Cement yield (ft3/sk): 1.98/LEAD 1.31/TAIL Stage 2 # sx of cement: Cement density (ppg): Cement yield (ft3/sk): Top Out Cmt # sx of cement: Cement density (ppg): Cement yield (ft3/sk): Est. TOC (Lead & Tail) or 2 Stage : Describe cement issues: Describe hole issues:

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**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-13I Spud Conductor: 11/24/2010 Spud Date: 1/30/2011
 Project: UTAH-UINTAH Site: NBU 920-13I Rig Name No: SWABBCO 8/8
 Event: COMPLETION Start Date: 5/5/2011 End Date: 5/13/2011
 Active Datum: RKB @4,827.00ft (above Mean Sea Level) UWI: NE/SE/O/9/S/20/E/13/O/O/26/PM/S/2095/E/O/549/O/O

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/11/2011	7:00 - 7:30	0.50	COMP	48		P		HSM, RIGGING UP WIRE LINE & FRAC CREW.
	7:30 - 8:30	1.00	COMP	30	A	P		RIG UP RIG, ND WH NU FV.
	8:30 - 13:40	5.17	COMP	33	C	P		FILL CSG RU B&C, TEST 41/2 CSG & FV TO, 1000# FOR 15 MIN LOST 6# PSI, 3500# FOR 15 MIN LOST 33# PSI, 7,000# FOR 30 MIN LOST 50# PSI GOOD TEST. RU CUTTERS (STG #1) RIH W/ 3/8 EXP GNS, 23 GRM, .36" HOLES. 90 & 120 DEG. PERF 10,299'-10,300' 4 SPF 4 HLS, 10,282'-10283' 4 SPF 4 HLS, 10,166'- 10,168' 3 SPF 6 HLS, 10,137'-10,140' 3 SPF 9 HLS, TOTAL HOLES 23. RU SUPERIOR PRIME & TEST LINES TO 8,000# PSI FOR 15 MIN LOST 3500# PSI, TROUGH TRUCK. SET MEC POPOFF @ 6886 # PSI, SET PUMP KICK OFFS @ 6800# EACH FOR 6 TRUCKS.
	13:40 - 14:11	0.52	COMP	36	E	P		(STG#1) WHP 323 PSI, BRK 3724 PSI @ 6.8 BPM, ISIP 3076 PSI, FG .74. PUMP 100 BBLS @ 42.3 BPM @ 6043 PSI = 76% PERFS OPEN. MP 6674 PSI, MR 48.6 BPM, AP 6304 PSI, AR 42.3 BPM, ISIP 3146 PSI, FG ,75. NPI 70 PSI, PMPD 749 BBLS SW & 5,777 LBS OF 30/50 SND & 5,000# 20/40 RESIN SAND. TOTAL PROP 10,777 LBS.
	14:11 - 15:46	1.58	COMP	36	E	P		(STG #2) PU 41/2" HAL CBP & 3/8 EXP GNS, 23 GRM, .36" HOLES. 90 & 120 DEG PHASING. SET CBP @ 9980' PERF 9947'-9950' 3 SPF 9 HLS, 9876'-9877' 4 SPF 4 HLS, 9859'-9861' 3 SPF 6 HLS, 9845'-9846' 4 SPF 4 HLS. 23 TOTAL HOLES. WHP 235 PSI, BRK 4468 PSI @ 4.7 BPM, ISIP 3010 PSI, FG .74. PUMP 100 BBLS @ 38.2 BPM @ 6561 PSI = 60% PERFS OPEN. MP 6563 PSI, MR 47.9 BPM, AP 6361 PSI, AR 44.6 BPM, ISIP 3421 PSI, FG ,78. NPI 411 PSI, PMPD 704 BBLS SW & 6360 LBS OF 30/50 SND & 5,000# 20/40 RESIN SAND. TOTAL PROP 11,360 LBS.
	15:46 - 17:30	1.73	COMP	34	H	P		(STG # 3) PU 41/2" HAL CBP & 3/8 EXP GNS, 23 GRM, .36" HOLES. 90 & 120 DEG PHASING. SET CBP @ 9825' PERF 9792'-9795' 4 SPF 12 HLS, 9662' - 9665' 3 SPF 9 HLS . 21 TOTAL HOLES. POOH SWI SFN
5/12/2011	7:00 - 12:45	5.75	COMP	36	E	P		HSM W/ SUPERIOR, WORK ON BLENDER WIRE SHORT PROBLEM.
	12:45 - 13:10	0.42	COMP	36	E	P		(STG #3) WHP 2303 PSI, BRK 3537 PSI @ 1.1 BPM, ISIP 3151 PSI, FG .76. PUMP 100 BBLS @ 30.0 BPM @ 4978 PSI = 68% PERFS OPEN. MP 6651 PSI, MR 49.6 BPM, AP 6172 PSI, AR 42.9 BPM, ISIP 3013 PSI, FG ,75. NPI -138 PSI, PMPD 605 BBLS SW & 5,646 LBS OF 30/50 SND & 5,000# 20/40 RESIN SAND. TOTAL PROP 10,646 LBS.

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US ROCKIES REGION
Operation Summary Report

Well: NBU 920-131	Spud Conductor: 11/24/2010	Spud Date: 1/30/2011
Project: UTAH-UINTAH	Site: NBU 920-131	Rig Name No: SWABBCO 8/8
Event: COMPLETION	Start Date: 5/5/2011	End Date: 5/13/2011
Active Datum: RKB @4,827.00ft (above Mean Sea Level)	UWI: NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	13:10 - 14:32	1.37	COMP	36	E	P		(STG # 4) PU 41/2" HAL CBP & 31/8 EXP GNS, 23 GRM, .36" HOLES. 90 DEG PHASING. SET CBP @ 9706' PERF 8674'-8676' 4 SPF 8 HLS, 8647'- 8649' 4 SPF 8 HLS, 8556'- 8558' 4SPF 8 HLS . 24 TOTAL HOLES. WHP 305 PSI, BRK 4114 PSI @ 5.5 BPM, ISIP 2546 PSI, FG .73. PUMP 100 BBLS @ 30.5 BPM @ 4503 PSI = 63% PERFS OPEN. MP 6290 PSI, MR 51.4 BPM, AP 5750 PSI, AR 49.7 BPM, ISIP 2695 PSI, FG ,75. NPI 149 PSI, PMPD 650 BBLS SW & 6348 LBS OF 30/50 SND & 5,000# 20/40 RESIN SAND. TOTAL PROP 11,348 LBS.
	14:32 - 16:10	1.63	COMP	36	E	P		(STG # 5) PU 41/2" HAL CBP & 31/8 EXP GNS, 23 GRM, .36" HOLES. 90 DEG PHASING. SET CBP @ 8440' PERF 8407'- 8410' 4SPF 12 HLS, 8362'- 8365' ,4SPF 12 HLS . 24 TOTAL HOLES. WHP 120 PSI, BRK 3544 PSI @ 4.7 BPM, ISIP 1953 PSI, FG .67. PUMP 100 BBLS @ 48.3 BPM @ 6216 PSI = 65% PERFS OPEN. MP 6474 PSI, MR 51.1 BPM, AP 5795 PSI, AR 49.5 BPM, ISIP 2998 PSI, FG ,80. NPI 1045 PSI, PMPD 1583 BBLS SW & 29,797 LBS OF 30/50 SND & 5,000# 20/40 RESIN SAND. TOTAL PROP 34,797 LBS.
	16:10 - 17:18	1.13	COMP	36	E	P		(STG# 6) PU 41/2" HAL CBP & 31/8 EXP GNS, 23 GRM, .36" HOLES. 90 DEG PHASING. SET CBP @ 7245' PERF 7213'- 7215' 4 SPF 8 HLS, 6959'- 6963' 4SPF 16 HLS . 24 TOTAL HOLES. WHP 228 PSI, BRK 1790 PSI @ 4.7 BPM, ISIP 1519 PSI, FG .65. PUMP 100 BBLS @ 48.7 BPM @ 6177 PSI = 60% PERFS OPEN. MP 6468 PSI, MR 51.1 BPM, AP 5740 PSI, AR 50.5 BPM, ISIP 1956 PSI, FG ,71. NPI 437 PSI, PMPD 605 BBLS SW & 12,594 LBS OF 30/50 SND & 5,000# 20/40 RESIN SAND. TOTAL PROP 17,594 LBS.
	17:18 - 19:00	1.70	COMP	34	I	P		(KILL PLUG) PU RUH SET CMP @ 6909' POOH RD WL, RD FRAC CREW SWI SDFN. 96,522 LBS SAND 4896 BBLS WTR 625 GALS SCALE INH 99 GALS BIOCID
5/13/2011	7:00 - 7:30	0.50	COMP	48		P		HSM, PICKING UP PIPE & DRILLING OUT PLUGS.
	7:30 - 12:30	5.00	COMP	31	I	P		ND FV NU BOPS, TALLY & PU POBS ASSEMBLY & 218 JTS 23/8 L-80, TAG UP @ 6895', RU DRLG EQUIP, BROKE CIRC CONVENTIONAL, TEST BOPS TO 3000# FOR 15 MIN LOST 0 PSI.RIH

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Well: NBU 920-13I Spud Conductor: 11/24/2010 Spud Date: 1/30/2011
 Project: UTAH-UINTAH Site: NBU 920-13I Rig Name No: SWABBCO 8/8
 Event: COMPLETION Start Date: 5/5/2011 End Date: 5/13/2011
 Active Datum: RKB @4,827.00ft (above Mean Sea Level) UWI: NE/SE/09/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	12:30 - 17:00	4.50	COMP	44	C	P		C/O 15' SAND TAG 1ST PLUG @ 6909' DRL PLG IN 10 MIN 500# PSI INCREASE RIH. C/O 30' SAND TAG 2ND PLUG @ 7245' DRL PLG IN 10 MIN 800# PSI INCREASE RIH C/O 35' SAND TAG 3RD PLUG @ 8440' DRL PLG IN 4 MIN 1300# PSI INCREASE RIH C/O 15' SAND TAG 4TH PLUG @ 8706' DRL PLG IN 4 MIN 800# PSI INCREASE RIH C/O 35' SAND TAG 5TH PLUG @ 9825' DRL PLG IN 5 MIN 800# PSI INCREASE RIH C/O 25' SAND TAG 6TH PLUG @ 9980' DRL PLG IN 5 MIN 700# PSI INCREASE RIH C/O TO @ 10,528' CIRC CLEAN, RACK OUT SWIVEL. L/D 19 JTS, LAND TBG ON 309 JTS 23/8 L-80. RD FLOOR, ND BOPS NU WH. PUMP OFF BIT, LET WELL SET FOR 30 MIN FOR BIT TO FALL. TURN WELL OVER TO FB CREW. SWI SDFWE. SICP = 2500 FTP = 100 KB = 18' HANGER 41/16 = .83' 309 JTS 23/8 L-80 = 9784.23' (SURFAC VALVE LOCKED OPEN W/ POPOFF ASSEMBLY) 1.875 X/N & POBS = 2.20' EOT @ 9805,26' TWTR = 5056 BBLs TWR = 1500 BBLs TWLTR = 3556 BBLs 337 JTS HAULED OUT 309 LANDED 28 TO RETURN WELL TURNED TO SALES @ 1726 HR ON 5/13/11 - 1000 MCFD, 2040 BWPD, CP 2500#, FTP 2350#, CK 20/64" 7 AM FLBK REPORT: CP 2775#, TP 2375#, 20/64" CK, 39 BWPH, LIGHT SAND, 2.2 GAS TTL BBLs RECOVERED: 2198 BBLs LEFT TO RECOVER: 2852 7 AM FLBK REPORT: CP 2925#, TP 2125#, 20/64" CK, 16 BWPH, LIGHT SAND, 3 GAS TTL BBLs RECOVERED: 2879 BBLs LEFT TO RECOVER: 2171 7 AM FLBK REPORT: CP 2600#, TP 1825#, 20/64" CK, 15 BWPH, light SAND, 2.9 GAS TTL BBLs RECOVERED: 3315 BBLs LEFT TO RECOVER: 1735 7 AM FLBK REPORT: CP 2325#, TP 1725#, 20/64" CK, 8 BWPH, LIGHT SAND, 3 GAS TTL BBLs RECOVERED: 3594 BBLs LEFT TO RECOVER: 1456 7 AM FLBK REPORT: CP 2050#, TP 1700#, 20/64" CK, 8 BWPH, LIGHT SAND, 3.1 GAS TTL BBLs RECOVERED: 3804 BBLs LEFT TO RECOVER: 1246
	17:26 - 17:26	0.00	PROD	50				
5/14/2011	7:00 -			33	A			
5/15/2011	7:00 -			33	A			
5/16/2011	7:00 -			33	A			
5/17/2011	7:00 -			33	A			
5/18/2011	7:00 -			33	A			

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1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	NBU 920-13I	Wellbore No.	OH
Well Name	NBU 920-13I	Common Name	NBU 920-13I
Project	UTAH-UINTAH	Site	NBU 920-13I
Vertical Section Azimuth	0.00 (°)	North Reference	True
Origin N/S		Origin E/W	
Spud Date	1/30/2011	UWI	NE/SE/0/9/S/20/E/13/0/0/26/PM/S/2095/E/0/549/0/0
Active Datum	RKB @4,827.00ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	CAPSTAR
Started	1/30/2011	Ended	
Tool Name	TOT	Engineer	Anadarko

2.1.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
9.00	0.00	0.00	9.00	0.00	0.00

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
1/30/2011	Tie On	9.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/2011	NORMAL	109.00	1.00		108.99	0.87	0.00	0.87	1.00	1.00	0.00	0.00
	NORMAL	521.00	0.75		520.95	7.16	0.00	7.16	0.06	-0.06	0.00	180.00
	NORMAL	933.00	0.50		932.92	11.66	0.00	11.66	0.06	-0.06	0.00	180.00
1/31/2011	NORMAL	1,345.00	0.50		1,344.91	15.25	0.00	15.25	0.00	0.00	0.00	0.00
	NORMAL	1,743.00	1.00		1,742.87	20.46	0.00	20.46	0.13	0.13	0.00	0.00
	NORMAL	2,166.00	1.50		2,165.77	29.69	0.00	29.69	0.12	0.12	0.00	0.00
2/1/2011	NORMAL	2,589.00	1.50		2,588.62	40.76	0.00	40.76	0.00	0.00	0.00	0.00
	NORMAL	2,794.00	1.75		2,793.54	46.58	0.00	46.58	0.12	0.12	0.00	0.00

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	SCIENTIFIC
Started	4/11/2011	Ended	
Tool Name	MWD	Engineer	Anadarko

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2.2.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
2,887.00	1.58	199.06	2,887.00	-37.69	-13.02

2.2.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
4/11/2011	Tie On	2,887.00	1.58	199.06	2,887.00	-37.69	-13.02	-37.69	0.00	0.00	0.00	0.00
4/11/2011	NORMAL	3,197.00	2.02	174.19	3,196.85	-47.17	-13.86	-47.17	0.29	0.14	-8.02	-73.43
	NORMAL	3,550.00	2.02	302.42	3,549.75	-50.02	-18.49	-50.02	1.03	0.00	36.33	154.10
	NORMAL	3,866.00	1.41	325.01	3,865.61	-43.85	-25.42	-43.85	0.28	-0.19	7.15	142.98
4/12/2011	NORMAL	4,186.00	1.49	310.50	4,185.51	-37.92	-30.84	-37.92	0.12	0.03	-4.53	-85.02
	NORMAL	4,502.00	0.79	272.98	4,501.45	-35.14	-36.14	-35.14	0.31	-0.22	-11.87	-150.87
	NORMAL	4,819.00	2.55	346.80	4,818.32	-28.16	-39.93	-28.16	0.77	0.56	23.29	91.85
	NORMAL	5,134.00	1.58	12.91	5,133.12	-17.10	-40.56	-17.10	0.42	-0.31	8.29	148.42
	NORMAL	5,446.00	1.85	25.56	5,444.98	-8.37	-37.43	-8.37	0.15	0.09	4.05	60.94
	NORMAL	5,919.00	0.44	107.39	5,917.89	-2.02	-32.40	-2.02	0.39	-0.30	17.30	166.30
	NORMAL	6,363.00	0.35	152.48	6,361.88	-3.73	-30.15	-3.73	0.07	-0.02	10.16	127.89
4/13/2011	NORMAL	6,841.00	1.06	160.48	6,839.85	-9.20	-27.99	-9.20	0.15	0.15	1.67	11.91
	NORMAL	7,314.00	1.85	150.19	7,312.69	-19.95	-22.74	-19.95	0.18	0.17	-2.18	-23.49
	NORMAL	7,785.00	1.35	176.63	7,783.51	-32.08	-18.63	-32.08	0.19	-0.11	5.61	136.85
4/14/2011	NORMAL	8,263.00	1.58	181.83	8,261.36	-44.29	-18.51	-44.29	0.06	0.05	1.09	32.65
	NORMAL	8,730.00	1.67	156.78	8,728.17	-56.98	-16.03	-56.98	0.15	0.02	-5.36	-95.41
4/15/2011	NORMAL	9,209.00	2.81	140.35	9,206.80	-72.43	-5.79	-72.43	0.27	0.24	-3.43	-37.77
	NORMAL	9,488.00	2.90	142.28	9,485.46	-83.28	2.89	-83.28	0.05	0.03	0.69	47.85
4/18/2011	NORMAL	10,587.00	2.90	142.90	10,583.05	-127.45	36.67	-127.45	0.00	0.00	0.06	90.31

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UNITED STATES
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BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0579
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Indian, Allottee or Tribe Name Ute Tribe
2. Name of Operator Kerr-McGee Oil & Gas Onshore, LP		8. If Unit or CA Agreement, Name and No. 1008900A
3a. Address P.O. Box 173779, Denver, CO 80217-3779	3b. Phone No. (include area code) 720.929.6226	8. Lease Name and Well No. NBU 920-131
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NESE 2095' FSL & 549' FEL LAT 40.03424 LON -109.60696 (NAD 27) At proposed prod. zone N/A		9. API Well No. 43 047 50144
14. Distance in miles and direction from nearest town or post office* 11.2 miles northwest of Ouray, Utah		10. Field and Pool, or Exploratory Natural Buttes Field
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 549'	16. No. of acres in lease 1920	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 13, T 9S, R 20E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1500'	19. Proposed Depth 10,550'	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,810.4' GL	22. Approximate date work will start*	13. State UT
23. Estimated duration 10 days		

24. Attachments

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

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature 	Name (Printed/Typed) Kevin McIntyre	Date 09/11/2008
-------------------	--	--------------------

Title Regulatory Analyst I		
Approved by (Signature) 	Name (Printed/Typed) James H. Sparger	Date MAR 29 2010
Title ACTING Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

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

(Continued on page 2)

*(Instructions on page 2)

VOS APP NOTED 9/17/08

FMSS# 095XS0005A

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NOTICE OF APPROVAL

UDOGM

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095XS0005A

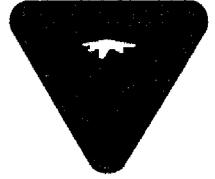


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Onshore, LP
Well No: NBU 920-13I
API No: 43-047-50144

Location: NESE, Sec. 13, T9S, R20E
Lease No: UTU-0579
Agreement: Natural Buttes Unit

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OFFICE NUMBER: (435) 781-4400

MAR 31 2010

OFFICE FAX NUMBER: (435) 781-3420

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**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

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

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

Site-Specific Conditions of Approval:

1. Paint New facilities "shadow gray."
2. Monitor location by a permitted archaeologist during the construction process.
3. Monitor by a permitted paleontologist during the construction process.
4. In accordance with the guidelines specified in the Utah BLM Field Office Guidelines for Raptor Protection from Human and Land Use Disturbances, 2002 (See Appendix D), a raptor survey shall be conducted prior to construction of the proposed location, pipeline, or access road if construction will take place during raptor nesting season (January 01 through September 30) and conduct its operations according to specification in the guidelines.
5. If project construction operations are scheduled to occur after June 11, 2010, KMG will conduct additional biological surveys in accordance with the guidelines specified in the USFWS Rare Plant Conservation Measures for Uinta Basin hookless cactus (See Appendix D) and conduct its operation according to its specifications.

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BIA Standard Conditions of Approval:

1. Soil erosion will be mitigated by reseeding all disturbed areas.
2. The gathering pipelines will be constructed to lie on the surface. The surface pipelines will not be bladed or cleared of vegetation. Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way. Where pipelines do not parallel roads but cross-country between sites, they shall be welded in place at well sites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.
3. An open drilling system shall be used, unless otherwise specified in 10.0 Additional Stipulations of this document and in the Application for Permit to Drill. A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, recommended by the Ute Tribe Technician, BIA, and other agencies involved.
4. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0' below the soil surface elevation.
5. A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

6. Major low water crossings will be armored with pit run material to protect them from erosion.
7. All personnel shall refrain from collecting any paleontological fossils and from disturbing any fossil resources in the area.
8. If fossils are exposed or identified during construction, all construction must cease and immediate notification to the Energy and Minerals Department and the Cultural Rights Protection Officer.
9. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation. If necessary, the Bureau of Indian Affairs or Bureau of Land Management will provide a suitable seed mixture.
10. Noxious weeds will be controlled on all surface disturbances within the project area. If noxious weeds spread from the project area onto adjoining land, the company will also be responsible for their control.
11. If project construction operations are scheduled to occur after December 31, 2009, KMG shall conduct annual raptor surveys in accordance with the guidelines specified in the Utah Field Office Guidelines for Raptor Protection from Human and Land Use Disturbances, 2002 (See Appendix E) and conduct its operations according to applicable seasonal restrictions and spatial offsets.
12. USFWS threatened and endangered plant and animal conservation measures will be followed, as appropriate to the species identified by the biological resource survey (See Appendix E).
13. All personnel shall refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
14. If artifacts or any culturally sensitive materials are exposed or identified during construction, all construction must cease and immediate notification to the Energy and Minerals Department and the Cultural Rights Protection Officer.

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

SITE SPECIFIC DOWNHOLE COAs:

1. Surface casing cement shall be brought up and into the surface. Top of Cmnt is to reach surf. For the Surface casing cementing program (operator's specified Option 1 where well does not circulate water), operator is required to pump additional cement beyond the stated amounts in application.
 2. Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1700 ft. The minimum cement top is approximately 0700 ft above the surface casing shoe.
Cmnt Top (TOC) standard will place cmnt behind casing across formation lost circulation zone, Birds Nest Zone.
COA specification fulfills operators performance standard stated in APD (where operators toc is calc'd with an excess to reach surface).
 3. Operator is to notify BLM Vernal Field Office and active gilsonite mining operator (or lease holder) located within a 2 mile radius, 48 hours prior to pad explosives blasting. Well is not close to gilsonite vein, but on trend to gilsonite vein deposits.
 4. A copy of Kerr McGee's Standard Operating Practices (SOP version: dated 7/17/08 and approved 7/28/08) shall be on location.
 5. Drilling plan specifics and practices are referenced in the Kerr McGee Oil & Gas Standard Operating Procedures (SOP version: July 28, 2008). The operators drilling plan items 3 to 9 reference the SOP. Kerr McGee shall adhere to the referenced requirements in the SOP. Kerr McGee and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
 - A Gamma Ray well Log shall be run from the well Total Depth to the surface.
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

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

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DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

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

OPERATING REQUIREMENT REMINDERS:

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

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

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

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