



KERR-MCGEE OIL & GAS ONSHORE LP
1999 BROADWAY, SUITE 3700 • DENVER, COLORADO 80202

PHONE: 303-296-3600
FAX: 303-296-3601

March 29, 2006

Ms. Diana Whitney
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: NBU 1022-33P
T10S-R22E
Section 33: SESE
860' FSL, 1,067' FEL
Uintah County, Utah

Dear Ms. Whitney:

Kerr-McGee Oil & Gas Onshore LP, formerly known as Westport Oil and Gas Company, L.P., has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to State Rule 173-14 (NBU). The well location is less than 460' from the unit boundary. Kerr-McGee owns 100% of the leasehold in the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-264-2618.

Sincerely,

W. Chris Latimer, CPL
Senior Landman

cc: Raleen Weddle

RECEIVED

APR 03 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-0387167

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
NBU 1022-33P / NBU

9. API Well No.
43-047-38172

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area
SEC 33, T10S, R22E

12. County or Parish
UINTAH

13. State
UTAH

1a. Type of Work: DRILL REENTER

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

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

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **SESEC 660' FSL, 1067' FEL 633501 X 39. 900525**
At proposed prod. Zone **4417674Y -109-438354**

14. Distance in miles and direction from nearest town or post office*
35.6 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
660'

16. No. of Acres in lease
1320.00

17. Spacing Unit dedicated to this well
40.00

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

19. Proposed Depth
8200'

20. BLM/BIA Bond No. on file
BOND NO. 2971100-2533

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5570'GL

22. Approximate date work will start*

23. Estimated duration

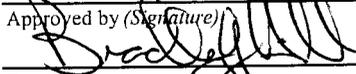
24. Attachments

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

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

25. Signature:  Name (Printed/Typed): **SHEILA UPCHEGO** Date: **5/23/2006**

Title: **REGULATORY ANALYST**

Approved by (Signature):  Name (Printed/Typed): **BRADLEY G. HILL** Date: **06-05-06**

Title: **ENVIRONMENTAL MANAGER**

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

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

*(Instructions on reverse)

RECEIVED
MAY 30 2006
DIV. OF OIL, GAS & MINING

Federal Approval of this
Action Is Necessary

NBU #1022-33P
SE/SE Sec. 33, T10S,R22E
UINTAH COUNTY, UTAH
UTU-037167

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	971'
Top of Birds Nest Water	1232'
Mahogany	1731'
Wasatch	3925'
Mesaverde	6279'
MVU2	7237'
MVL1	7835'
TD	8200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Water	Green River	971'
	Top of Birds Nest	1232'
	Mahogany	1731'
Gas	Wasatch	3925'
	Mesaverde	6279'
Gas	MVU2	7237'
Gas	MVL1	7835'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

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

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8200' TD, approximately equals 5084 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3280psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE May 23, 2006
 WELL NAME NBU 1022-33P TD 8,200' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,570' GL KB 5,585'
 SURFACE LOCATION SESE SECTION 33, T10S, R22E 860'FSL, 1067'FWL BHL Straight Hole
 Latitude: 39.900547 Longitude: 109.439067
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
Catch water sample, if possible, from 0 to 3,925' <div style="margin-left: 100px;"> Green River @ 0,971' Top of Birds Nest Water @ 1,232' Mahogany @ 1,731' Preset f/ GL @ 1,840' MD </div>					
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD Open hole logging program f/ TD - surf csg					
	Wasatch @	3,925'			
	Mverde @	6,279'			
	MVU2 @	7,237'			
	MVL1 @	7,835'			
		TD @ 8,200'	7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-11.0 ppg
					Max anticipated Mud required 11.0 ppg



KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 1840	32.30	H-40	STC	0.79*****	1.59	4.88
PRODUCTION	4-1/2"	0 to 8200	11.60	I-80	LTC	2.70	1.35	201000

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: TD = 11.0 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 2886 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWO	170	35%	11.00	3.82
Option 2	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	3,420'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	380	60%	11.00	3.38
	TAIL	4,780'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1340	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 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

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

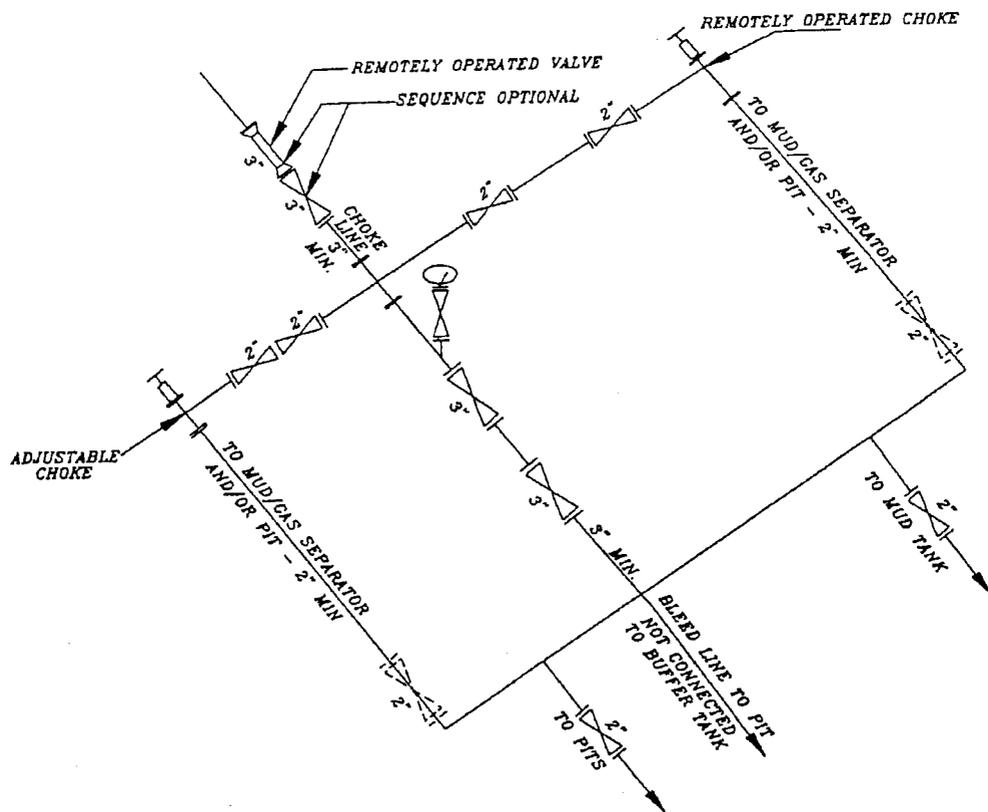
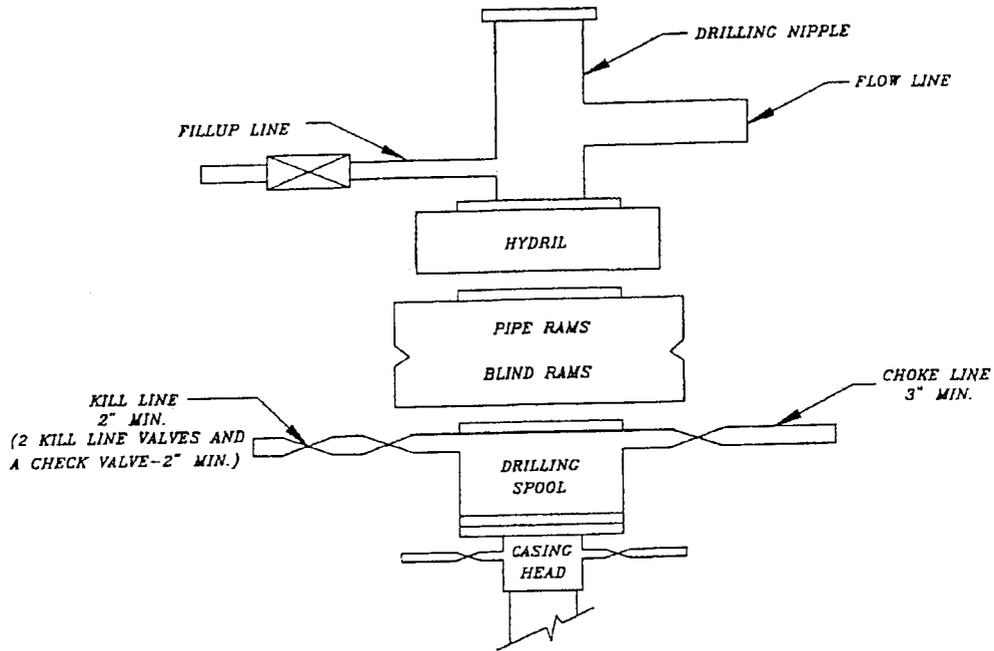
Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____
Brad Laney

DRILLING SUPERINTENDENT: _____
Randy Bayne

DATE: _____
DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU #1022-33P
SESE SEC 33-T10S-R22E
UINTAH COUNTY, UTAH
UTU-037167**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

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

2. Planned Access Roads:

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

A 30' of rights-of-way will be required for approximately 0.3 miles +/- of new access road is proposed, to cross into lease #UTU-29797 in Section 3, T11S, R22E. Refer to Topo Map B.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

Please see the Natural Buttes Unit SOP.

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

Variances to Best Management Practices (BMPs) Requested:

A 30' of rights-of-way will be required for approximately 2500' of 4" steel pipeline will be installed from the location crossing into lease #UTU-29797 in Section 3, T11S, R22E to an existing pipeline. The pipeline shall 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 Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. **Source of Construction Materials**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials**

Please see the Natural Buttes SOP.

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

8. **Ancillary Facilities**

Please see the Natural Buttes SOP.

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

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

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

A 20 mil reserve pit liner with felt (Double Layer) will be used. As discussed at the on-site inspection.

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.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. 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 Wheat Grass	4 lbs.
Indian Rice Grass	4 lbs.
Needle and Thread Grass	4 lbs.

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

11. Surface Ownership:

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

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

12. Other Information:

A Class III archaeological survey has been performed and completed on March 14, 2006, the Archaeological Report No. 06-100.

A Paleontological Reconnaissance Report has been performed and completed on February 3, 2006, the IPC Report No. 06-45.

WILDLIFE STIPS:

ANTELOPE: - No Construction or Drilling May 15th – June 20th.

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.

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

Sheila Ucphego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

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

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

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #2971100-2533.

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


Sheila Upchego

5/23/2006

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-33P
SECTION 33, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1022-33O TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN A EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.5 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-33P

LOCATED IN UINTAH COUNTY, UTAH
SECTION 33, T10S, R22E, S.L.B.&M.

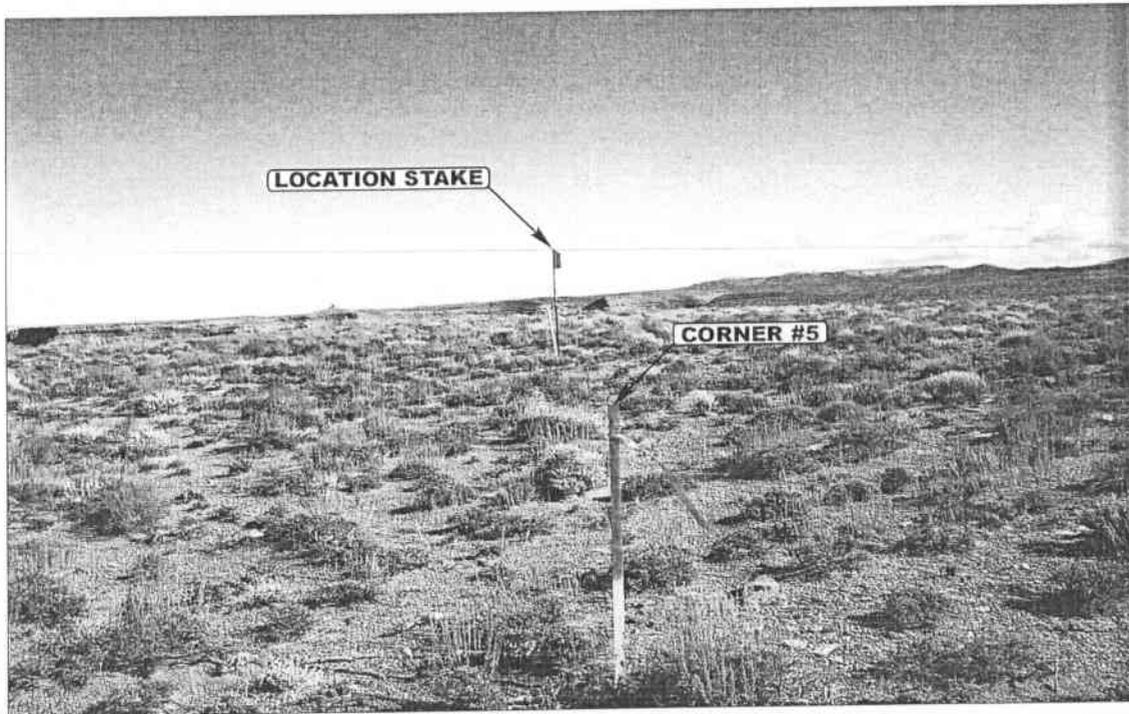


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

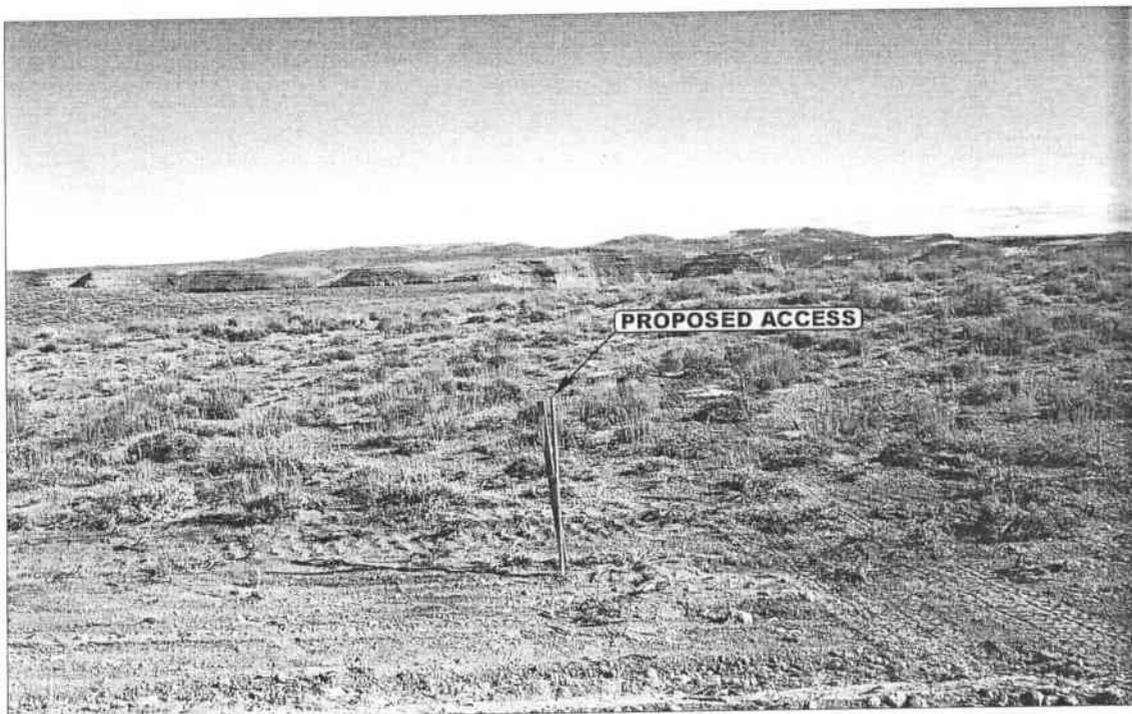


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

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

LOCATION PHOTOS	02	16	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: A.E.	DRAWN BY: B.C.		REVISED: 00-00-00	

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-33P
PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 33, T10S, R22E, S.L.B.&M.

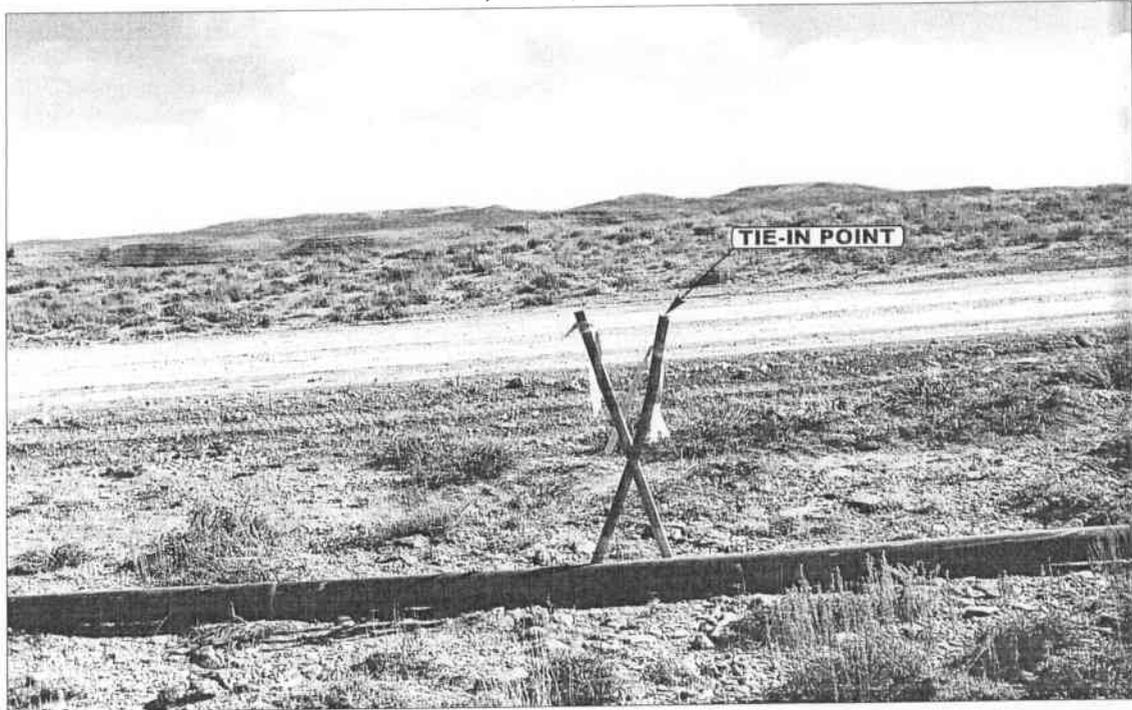


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: SOUTHEASTERLY

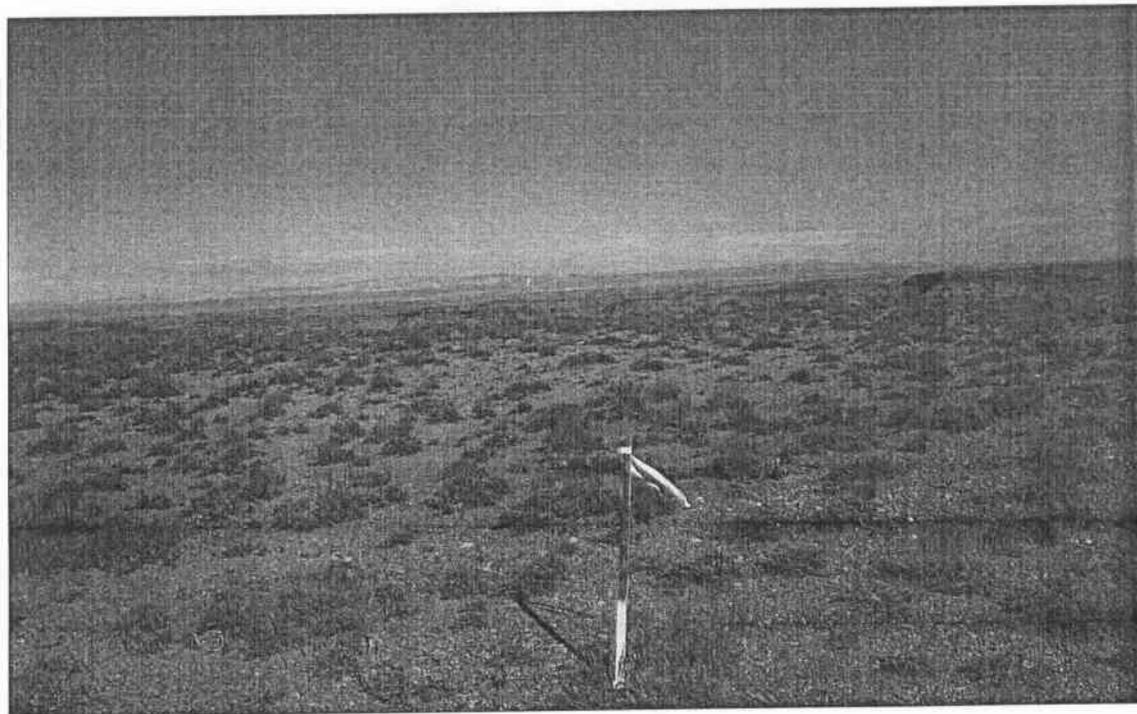


PHOTO: VIEW OF PIPELINE ALIGNMENT

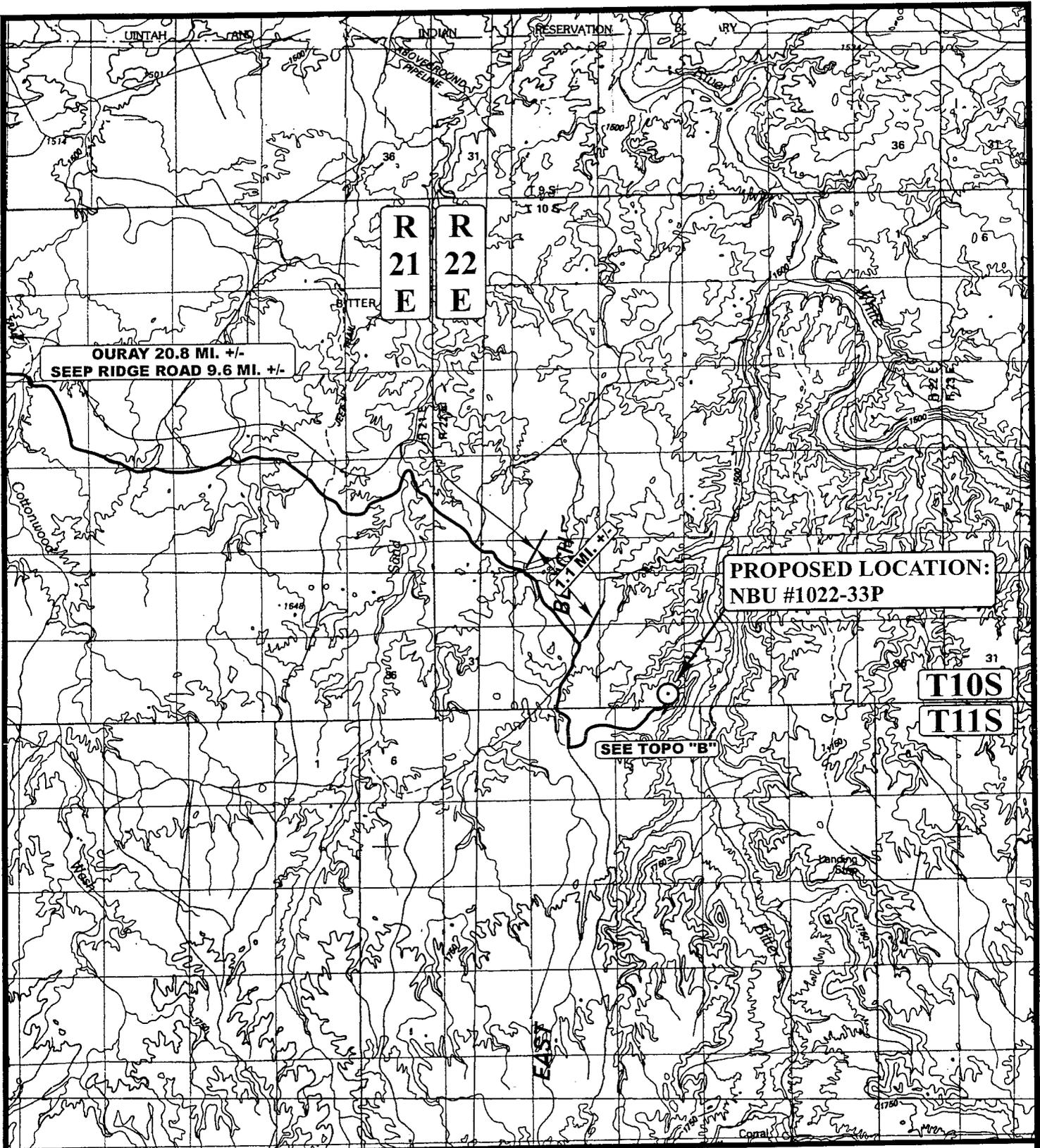
CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

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

PIPELINE PHOTOS	02	16	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: A.F.	DRAWN BY: B.C.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

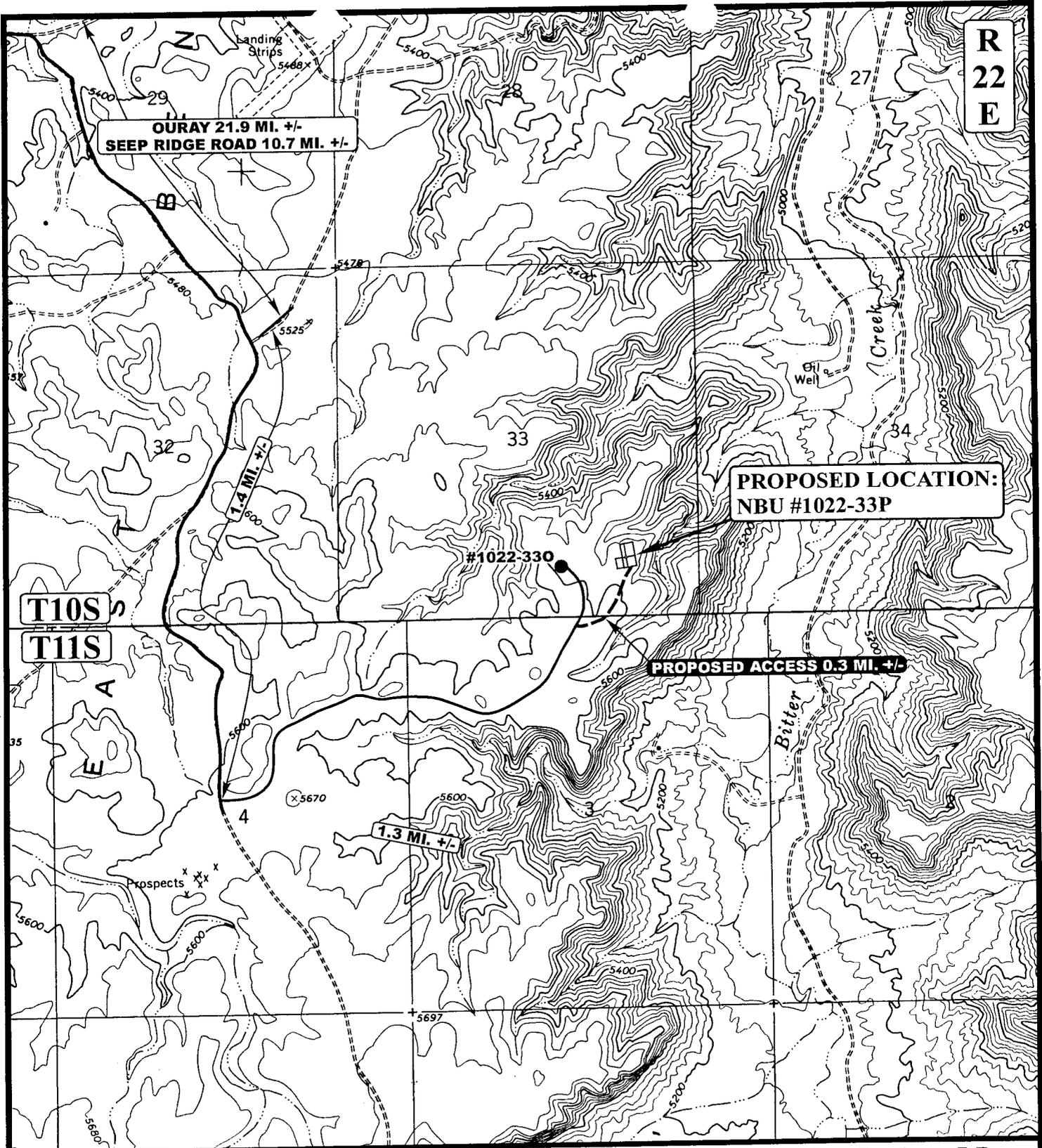
NBU #1022-33P
 SECTION 33, T10S, R22E, S.L.B.&M.
 860' FSL 1067' FEL



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

TOPOGRAPHIC	02	16	06
MAP	MONTH	DAY	YEAR
SCALE: 1:100,000	DRAWN BY: B.C.		REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-33P
 SECTION 33, T10S, R22E, S.L.B.&M.
 860' FSL 1067' FEL

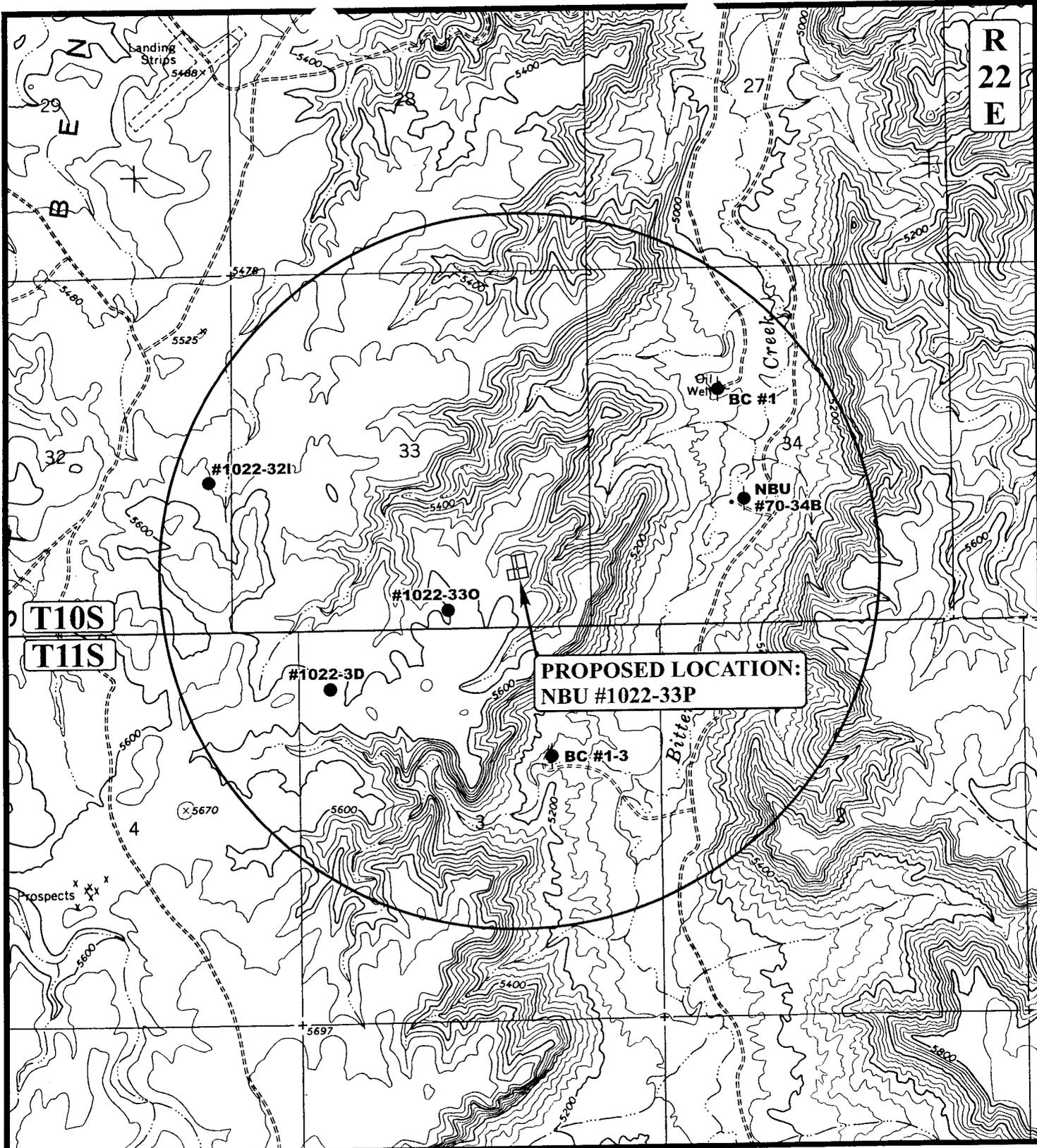


Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC	02	16	06
MAP	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: B.C.		REVISED: 00-00-00





R
22
E

T10S
T11S

PROPOSED LOCATION:
NBU #1022-33P

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-33P
SECTION 33, T10S, R22E, S.L.B.&M.
860' FSL 1067' FEL

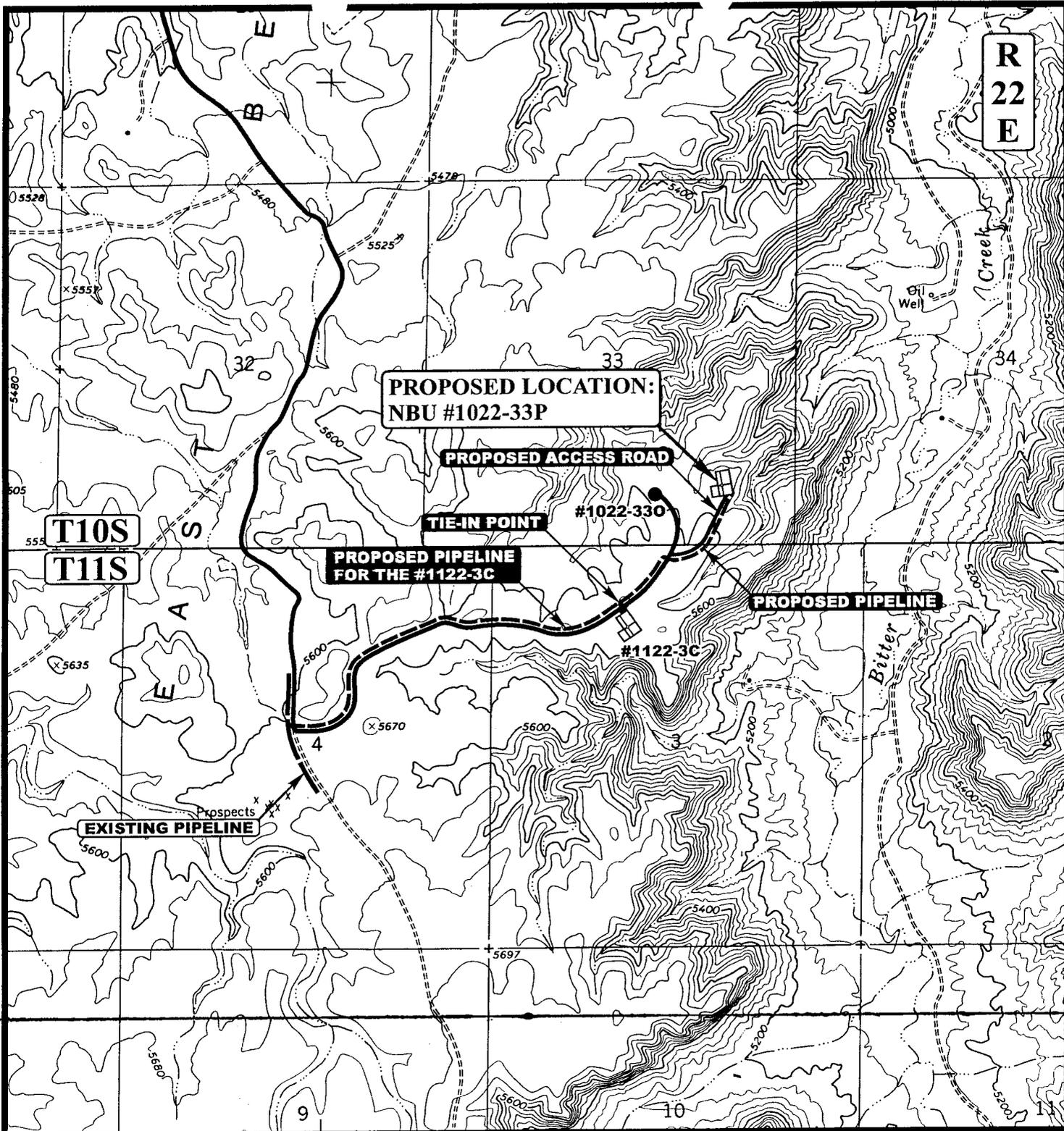


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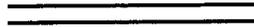
TOPOGRAPHIC MAP
02 16 06
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,500' +/-

LEGEND:

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



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-33P
 SECTION 33, T10S, R22E, S.L.B.&M.
 860' FSL 1067' FEL



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

TOPOGRAPHIC
 MAP

02 16 06
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 05-18-06C.P.

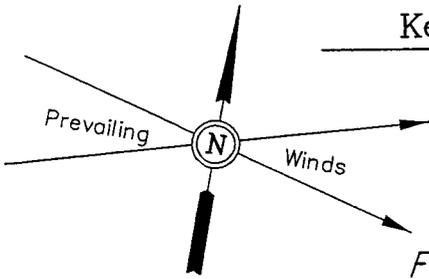


Ker. - McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

NBU #1022-33P
SECTION 33, T10S, R22E, S.L.B.&M.
860' FSL 1067' FEL



Approx. Toe of Fill Slope

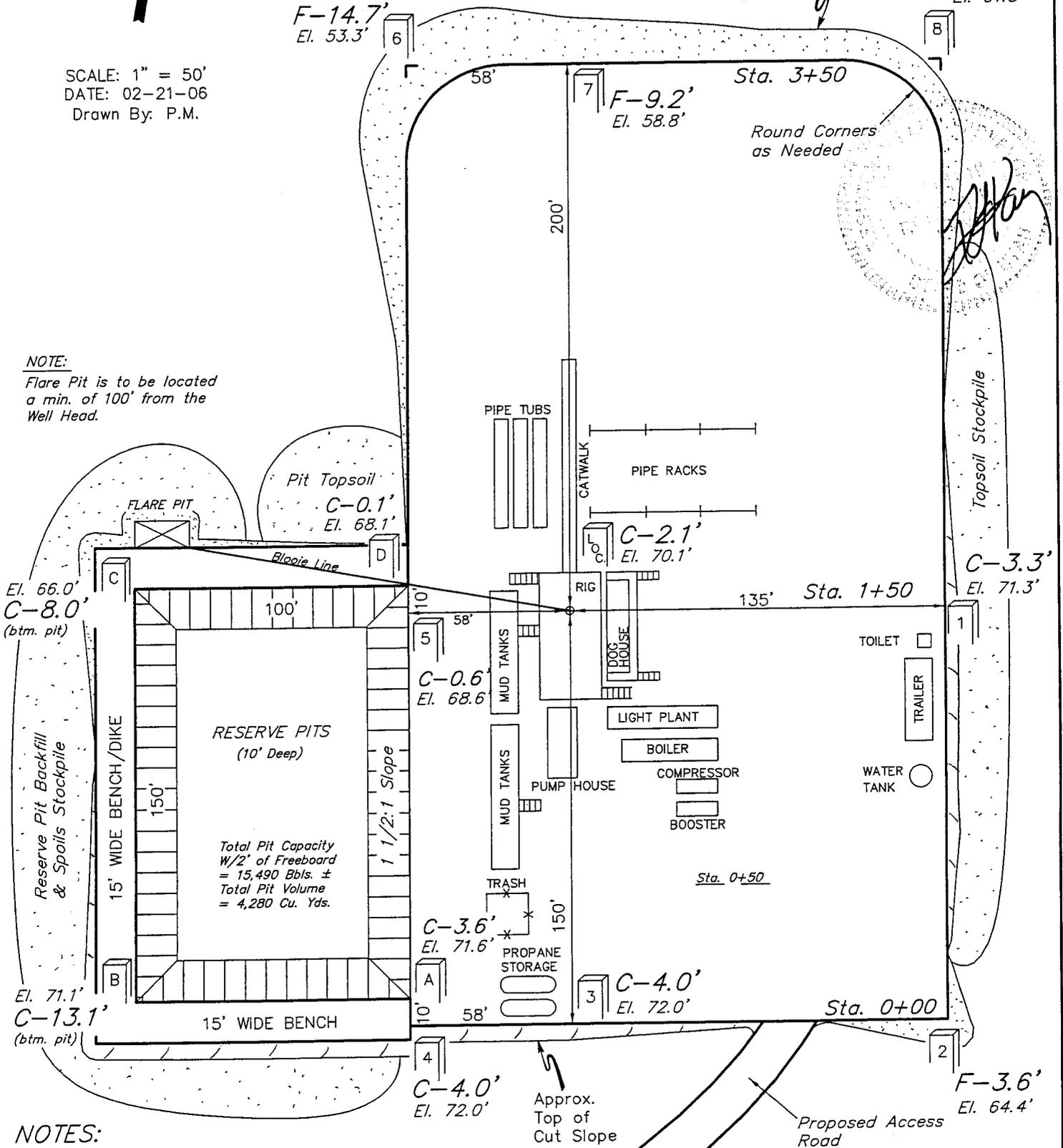
F-6.5'
El. 61.5'

F-14.7'
El. 53.3'

SCALE: 1" = 50'
DATE: 02-21-06
Drawn By: P.M.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5570.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 5568.0'

TYPICAL CROSS SECTIONS FOR

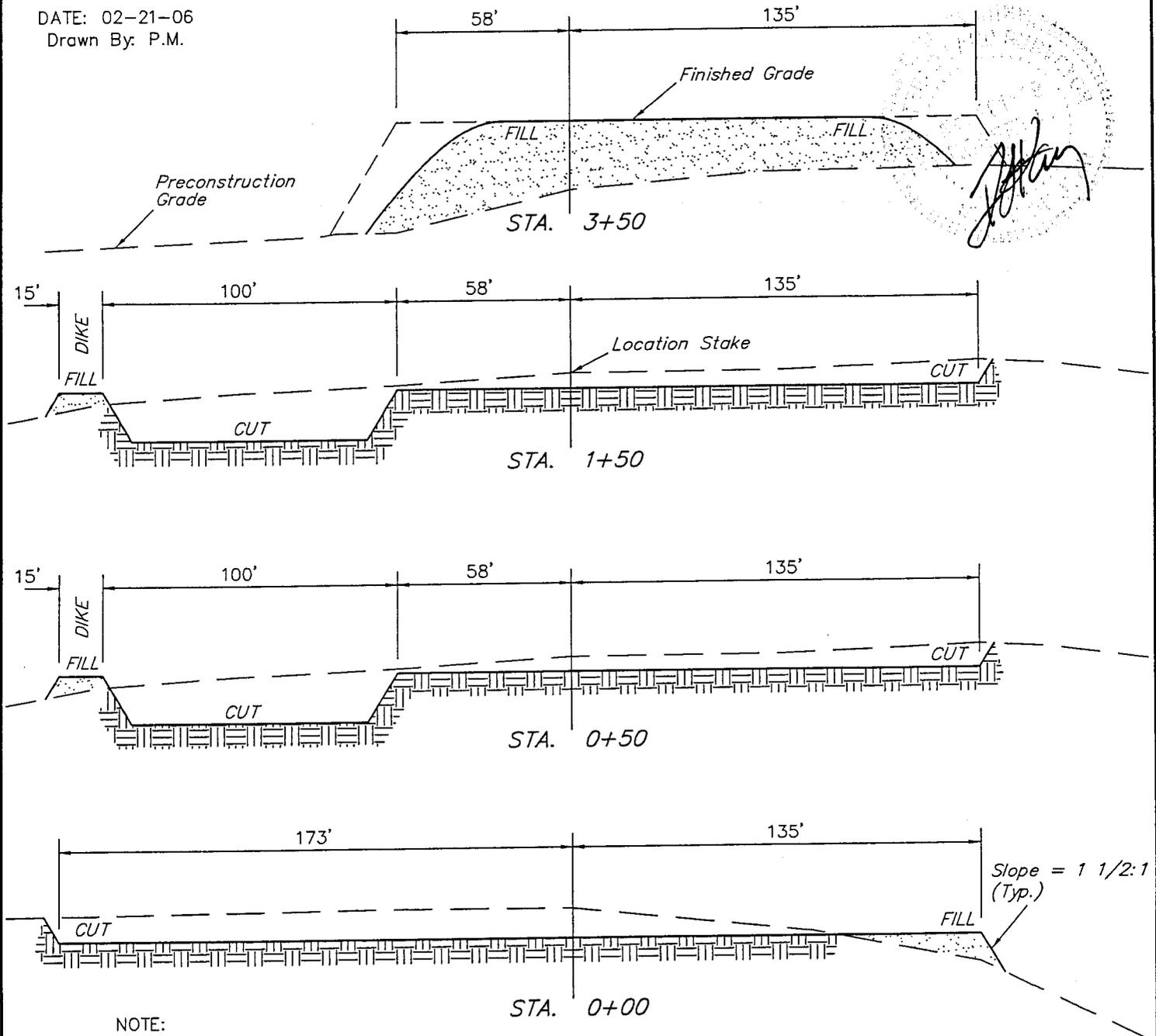
NBU #1022-33P

SECTION 33, T10S, R22E, S.L.B.&M.

860' FSL 1067' FEL

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

DATE: 02-21-06
Drawn By: P.M.



NOTE:

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

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,850 Cu. Yds.
Remaining Location	= 7,630 Cu. Yds.
TOTAL CUT	= 9,480 CU.YDS.
FILL	= 5,490 CU.YDS.

EXCESS MATERIAL	= 3,990 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,990 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/30/2006

API NO. ASSIGNED: 43-047-38172

WELL NAME: NBU 1022-33P
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SESE 33 100S 220E
 SURFACE: 0860 FSL 1067 FEL
 BOTTOM: 0860 FSL 1067 FEL
 COUNTY: UINTAH
 LATITUDE: 39.90053 LONGITUDE: -109.4384
 UTM SURF EASTINGS: 633501 NORTHINGS: 4417674
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-0387167
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. 2971100-2533)
 Potash (Y/N)
 Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. 43-8496)
 RDCC Review (Y/N)
 (Date: _____)
 Fee Surf Agreement (Y/N)
 Intent to Commingle (Y/N)

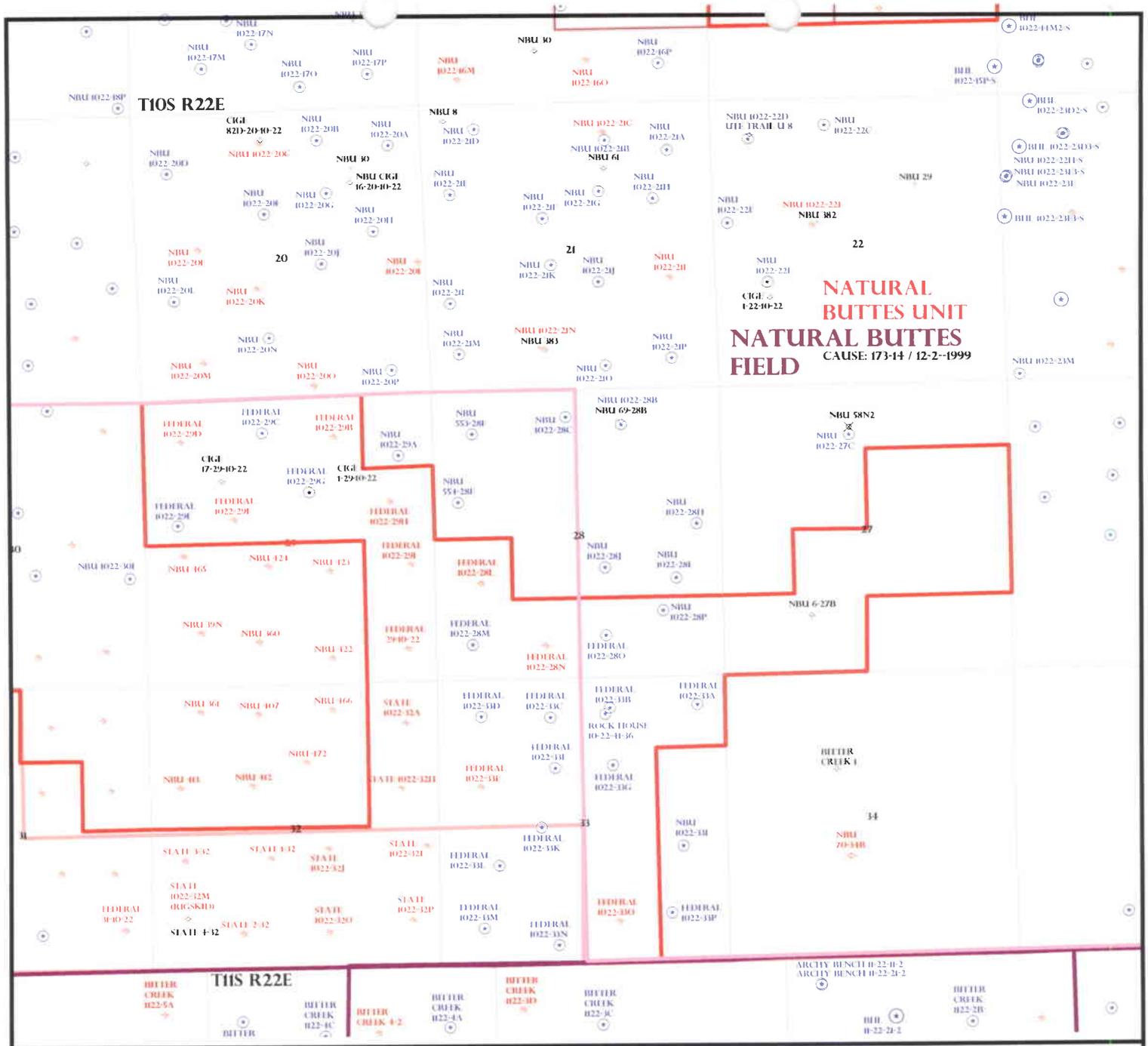
LOCATION AND SITING:

____ R649-2-3.
 Unit: NATURAL BUTTES
 ____ R649-3-2. General
 Siting: 460' From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
 Drilling Unit
 Board Cause No: 179-14
 Eff Date: 12-2-1999
 Siting: 460' fr Ubdry & within in. trees
 ____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Lease Approved

2- OIL SHALE



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

OPERATOR: KERR-MCGEE O&G (N2995)
 SEC: 21,22,28,33 T. 10S R. 22E
 FIELD: NATURAL BUTTES (630)
 COUNTY: Uintah
 CAUSE: 173-14 / 12-2--1999

- | | |
|---------------------|--------------------|
| Field Status | Unit Status |
| ABANDONED | EXPLORATORY |
| ACTIVE | GAS STORAGE |
| COMBINED | NF PP OIL |
| INACTIVE | NF SECONDARY |
| PROPOSED | PENDING |
| STORAGE | PI OIL |
| TERMINATED | PP GAS |
| | PP GEOTHERML |
| | PP OIL |
| | SECONDARY |
| | TERMINATED |

- Wells Status**
- ⊗ GAS INJECTION
 - ⊗ GAS STORAGE
 - ⊗ LOCATION ABANDONED
 - ⊗ NEW LOCATION
 - ⊗ PLUGGED & ABANDONED
 - ⊗ PRODUCING GAS
 - ⊗ PRODUCING OIL
 - ⊗ SHUT-IN GAS
 - ⊗ SHUT-IN OIL
 - ⊗ TEMP. ABANDONED
 - ⊗ TEST WELL
 - ⊗ WATER INJECTION
 - ⊗ WATER SUPPLY
 - ⊗ WATER DISPOSAL
 - ⊗ DRILLING



PREPARED BY: DIANA WHITNEY
 DATE: 5-JUNE-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 5, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 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 2006 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-38159	NBU 1022-20B Sec 20 T10S R22E 0526 FNL 1964 FEL	
43-047-38160	NBU 1022-21F Sec 21 T10S R22E 2074 FNL 2135 FWL	
43-047-38161	NBU 1022-21B Sec 21 T10S R22E 0661 FNL 1987 FEL	
43-047-38162	NBU 1022-21H Sec 21 T10S R22E 1760 FNL 1123 FEL	
43-047-38163	NBU 1022-21D Sec 21 T10S R22E 0410 FNL 0921 FWL	
43-047-38164	NBU 1022-22D Sec 22 T10S R22E 0692 FNL 0642 FWL	
43-047-38165	NBU 1022-22L Sec 22 T10S R22E 1944 FSL 0941 FWL	
43-047-38166	NBU 1022-28B Sec 28 T10S R22E 0643 FNL 1812 FEL	
43-047-38171	NBU 1022-28C Sec 28 T10S R22E 0490 FNL 2456 FWL	
43-047-38167	NBU 1022-28J Sec 28 T10S R22E 1990 FSL 2161 FEL	
43-047-38168	NBU 1022-28H Sec 28 T10S R22E 2515 FNL 0461 FEL	
43-047-38169	NBU 1022-28I Sec 28 T10S R22E 1780 FSL 0859 FEL	
43-047-38172	NBU 1022-33P Sec 33 T10S R22E 0860 FSL 1067 FEL	
43-047-38158	NBU 1022-6J Sec 06 T10S R22E 2208 FSL 1796 FEL	
43-047-38150	NBU 1021-19M Sec 19 T10S R21E 0650 FSL 0772 FWL	

Our records indicate the 1022-33P is closer than 460 feet from the Natural Buttes Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 5, 2006

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-33P Well, 860' FSL, 1067' FEL, SE SE, Sec. 33,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38172.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 1022-33P
API Number: 43-047-38172
Lease: UTU-0387167

Location: SE SE **Sec.** 33 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

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

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 25 2006

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-0387167 037167
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 1022-33P
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE 660' FSL, 1067' FEL At proposed prod. Zone B		9. API Well No. 43-047-38172
14. Distance in miles and direction from nearest town or post office* 35.6 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660' B	16. No. of Acres in lease 1320.00	11. Sec., T., R., M., or Blk, and Survey or Area SEC 33, T10S, R22E
17. Spacing Unit dedicated to this well 40.00	12. County or Parish UINTAH	13. State UTAH
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8200'	20. BLM/BIA Bond No. on file BOND NO. 2971100-2533 / WY 2357
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5570' GL	22. Approximate date work will start*	23. Estimated duration WY 8000 291

24. Attachments

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

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 5/23/2006
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) JESSY KENICKA	Date 2-1-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

06BM1255A

RECEIVED

FEB 13 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: **Kerr McGee Oil & Gas Onshore LP** Location: **SESE, Sec 33, T10S, R22E**
Well No: **NBU 1022-33P** Lease No: **UTU-037167**
API No: **43-047-38172** Agreement: **Natural Buttes Unit**

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number:	435-781-4513	Fax:	435-781-4410

**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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

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

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

1. The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if pronghorn are in the area.
2. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
3. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
4. Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
5. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Surface casing cement shall be brought up to the surface. To reach the surface, operator is required to pump additional cement beyond the stated amounts of sacks in application.
2. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, 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.
8. 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.
9. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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.

10. 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.

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.

11. 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.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
13. 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.
14. This APD is approved subject to the requirement that, 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:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. 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).

- f. 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.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. 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
17. 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.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-0387167

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-33P

9. API Well No.
4304738172

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

3a. Address
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)
(435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**860' FSL, 1067' FEL
SESE, SEC 33-T10S-R22E**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOG M
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON JUNE 5, 2006.

Approved by
Utah Division of
Oil, Gas and Mining

3-31-07
RM

Date: 05-30-07
By: [Signature]

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

Name (Printed/Typed) RAMEY HOOPES	Title REGULATORY CLERK
Signature <i>Ramey Hoopes</i>	Date May 22, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
-------------	-------	------

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

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

(Instructions on reverse)

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

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

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

API: 4304738172
Well Name: NBU 1022-33P
Location: SESE, SEC 33-T10S-R22E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 6/5/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

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

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

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

Ramey Hoopes
Signature

5/22/2007
Date

Title: REGULATORY CLERK

Representing: Kerr McGee Oil and Gas Onshore LP

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr-McGee Oil & Gas Onshore, LP

Well Name: NBU 1022-33P

API No: 43-047-38172 Lease Type: Federal

Section 33 Township 10S Range 22E County Uintah

Drilling Contractor Pete Martin Rig # Bucket

SPUDDED:

Date 2-24-08

Time 12:00 PM

How Dry

Drilling will Commence: _____

Reported by Lou Weldon

Telephone # 435-828-7035

Date 2-26-08 Signed RM

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: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739139	NBU 1022-19P		SESE	19	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	2/22/2008			<i>2/28/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 02/22/2008 AT 1000 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737218	NBU 1022-19J		NWSE	19	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	2/22/2008			<i>2/28/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 02/22/2008 AT 0900 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738172	NBU 1022-33P		SESE	33	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	2/24/2008			<i>2/28/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 02/24/2008 AT 1200 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)

SHEILA UPCHEGO

Name (Please Print)

[Signature]

Signature

SENIOR LAND SPECIALIST 2/25/2008

Title

Date

RECEIVED

FEB 25 2008

(5/2000)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-037167

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1022-33P

9. API Well No.

4304738172

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 33, T10S, R22E 860'FSL, 1067'FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other BLM APD EXTENSION
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON 02/01/2008. THE OPERATOR IS CURRENTLY CONSTRUCTING THIS WELL LOCATION TO BE DRILLED AS OF 01/22/2008.

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
 VERNAL FIELD OFFICE
 2008 JAN 31 PM 1:55
 BUREAU OF LAND MGMT.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Sheila Upchego

Date

January 22, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Wade Baker

Title

Petroleum Engineer

Date

FEB 12 2008

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

Office

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

(Instructions on reverse)

RECEIVED

FEB 28 2008

UDOGM

UDOGM

CONDITIONS OF APPROVAL

Kerr-McGee Oil & Gas Co.

Notice of Intent APD Extension

Lease: UTU-037167
Well: NBU 1022-33P
Location: SESE Sec 33-T10S-R22E

An extension for the referenced APD is approved with the following conditions:

1. The extension and APD shall expire on 02/01/09
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-037167

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
**UNIT #891008900A
NATURAL BUTTES UNIT**

8. Well Name and No.
NBU 1022-33P

9. API Well No.
4304738172

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/SE SEC. 33, T10S, R22E 860'FSL, 1067'FEL

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

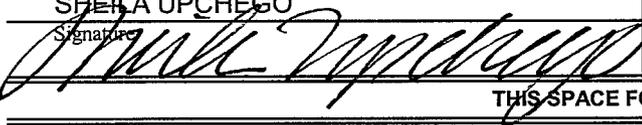
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 02/24/2008 AT 1200 HRS.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date February 25, 2008

THIS SPACE FOR FEDERAL OR STATE USE

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

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

(Instructions on reverse)

RECEIVED
MAR 03 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-037167

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1022-33P

9. API Well No.

4304738172

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 33, T10S, R22E 860'FSL, 1067'FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

MIRU PROPETRO AIR RIG ON 02/26/2008. DRILLED 12 1/4" SURFACE HOLE TO 1890'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/160 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 2ND TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 3RD TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 4TH TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

SENIOR LAND ADMIN SPECIALIST

Date

March 3, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, 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.

RECEIVED

MAR 10 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-037167

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1022-33P

9. API Well No.

4304738172

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 33, T10S, R22E 860'FSL, 1067'FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 04/09/2008 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

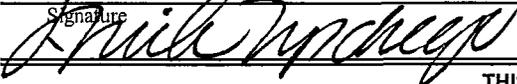
Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature



Date

April 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED

APR 21 2008

Wins No.: 95527

NBU 1022-33P

Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 02/24/2008	GL 5,570	KB 5586	ROUTE
API 4304738172	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 39.90055 / -109.43907	Q-Q/Sect/Town/Range: SESE / 33 / 10S / 22E		Footages: 860.00' FSL 1,067.00' FWL		

Wellbore: NBU 1022-33P

MTD 8,300	TVD 8,286	PBMD	PBTVD
--------------	--------------	------	-------

EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 2/24/2008
	OBJECTIVE: DEVELOPMENT	END DATE: 3/22/2008
	OBJECTIVE 2:	DATE WELL STARTED PROD.:
	REASON:	Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 38 / 38	03/11/2008	03/11/2008	03/12/2008	03/13/2008	03/20/2008	03/22/2008	03/23/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
------	----------------	---------------	-------	------	---------	-----	-----------

2/24/2008							
SUPERVISOR: LEW WELDON							
	12:00 - 18:00	6.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1200 HR 2/24/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 38 BLM AND STATE NOTIFIED OF SPUD
	18:00 - 18:00	0.00	DRLCON				WOAR

2/26/2008							
SUPERVISOR: LEW WELDON							
	12:30 - 0:00	11.50	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1230 HR 2/26/08 DA AT REPORT TIME

2/27/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD 1230'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1560' HAD TO TRIP FOR NEW TRICONE @ REPORT TIME

2/28/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1620'
	12:00 - 16:00	4.00	DRLSUR	02		P	RIG DRILLED TO 1770' TOO H AND REPAIR RIG
	16:00 - 0:00	8.00	DRLSUR	07		Z	REPAIR RIG AT REPORT TIME

2/29/2008

SUPERVISOR: LEW WELDON

0:00 - 3:00	3.00	DRLSUR	07	Z	REPAIR RIG
3:00 - 7:00	4.00	DRLSUR	02	P	RIG T/D @ 1890' CONDITION HOLE 1 HR NO CIRCULATION
7:00 - 10:00	3.00	DRLSUR	05	P	TRIP DP OUT OF HOLE
10:00 - 13:00	3.00	DRLSUR	11	P	RUN 1862' OF 9 5/8 CSG RIG DOWN AIR RIG
13:00 - 14:00	1.00	DRLSUR	15	P	CEMENT 1ST STAGE WITH 160 SKS LEAD @ 11# 3.82 23 GAL SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL SK NO RETURNS TO PIT
14:00 - 14:30	0.50	DRLSUR	15	P	1ST TOP JOB 100 SKS DOWN BS WOC
14:30 - 16:30	2.00	DRLSUR	15	P	2ND TOP JOB 125 SKS DOWN BS WOC
16:30 - 18:30	2.00	DRLSUR	15	P	3RD TOP JOB 100 SKS DOWN BS WOC
18:30 - 22:00	3.50	DRLSUR	15	P	4TH TOP JOB 125 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
22:00 - 22:00	0.00	DRLSUR			NO VISIBLE LEAKS PIT 1/4 FULL WORT

3/11/2008

SUPERVISOR: KENNY MORRIS

0:00 - 7:00	7.00	DRLPRO	01	E	P	RIG DOWN,PREP F/MOVE TONBU1022-33P
7:00 - 18:00	11.00	DRLPRO	01	A	P	TRUCK RIG W/RW JONES 1/2 MILE MOVE,RELEASE TRUCKS 17:00
18:00 - 0:00	6.00	DRLPRO	01	B	P	RURT,PULL POWER LINES,

3/12/2008

SUPERVISOR: KENNY MORRIS

0:00 - 8:00	8.00	DRLPRO	01	B	P	RURT,PUMPS,FLARE LINES,DERRICK & FLOOR
8:00 - 10:00	2.00	DRLPRO	06	D	P	CUT & SLIP DRLG LINE
10:00 - 12:00	2.00	DRLPRO	13	A	P	NIPPLE UP BOP & FUNCTION TEST
12:00 - 17:00	5.00	DRLPRO	13	C	P	TEST BOP,5K RAMS& CHOKE,2500 ANNULAR, 1500 CASING

Wins No.: 95527

NBU 1022-33P

API No.: 4304738172

0:00 - 7:30	7.50	DRLPRO	13	D	X	REPAIR HOLE IN CASING
7:30 - 16:30	9.00	DRLPRO	02	B	P	DRILL F/7330 TO 7633, 303'AVG 33 WT 11/42 VIS
16:30 - 17:00	0.50	DRLPRO	06	A	P	RIG SERVICE
17:00 - 0:00	7.00	DRLPRO	02	B	P	DRILL F/7633' TO 7780,=147'AVG 21 WT 11.2/44

3/20/2008

SUPERVISOR: KENNY MORRIS

0:00 - 16:30	16.50	DRLPRO	02	B	P	DRILL F/7790 TO 8118,AVG 20 328',WT 11.3 43
16:30 - 17:00	0.50	DRLPRO	06	A	P	RIG SERVICE
17:00 - 23:00	6.00	DRLPRO	02	B	P	DRILL F/8118 TO 8300,AVG 30,182' WT11.5/44
23:00 - 0:00	1.00	DRLPRO	04	C	P	CIRC BTMS UP,MIX PILL F/SHORTTRIP

3/21/2008

SUPERVISOR: KENNY MORRIS

0:00 - 1:00	1.00	DRLPRO	05	E	P	SHORTTRIP 10 STANDS
1:00 - 2:00	1.00	DRLPRO	04	C	P	CIRC BTMS UP F/LDDP & LOGS
2:00 - 10:30	8.50	DRLPRO	05	B	P	LDDP & BHA,,PULL WEARRING
10:30 - 16:00	5.50	DRLPRO	10	C	P	R/U HALLIBURTON,,RUN TRIPLE COMBO,LOGGERS DEPTH(8302')
16:00 - 17:00	1.00	DRLPRO	11	A	P	SAFETY MT W/TESCO,R/U CSG TOOLS
17:00 - 23:30	6.50	DRLPRO	11	B	P	RUN 4.5 CSG TO 82826'
23:30 - 0:00	0.50	DRLPRO	04	E	P	CIRC & CONDITION F/CEMENT

3/22/2008

SUPERVISOR: KENNY MORRIS

0:00 - 1:30	1.50	DRLPRO	04	E	P	CONDITION F/CEMENT
1:30 - 4:00	2.50	DRLPRO	15	A	P	PUMP 370 SX,LEAD 1400 SX TAIL,,DISPLACE 128 BBLs CLAYFIX,FINAL CIRC PSI 2550 BUMPPLUG FLOATS HELD,50 BBLs BACK,W/200SX EXTRA TAIL PUMPED

Wells No.: 95527

NBU 1022-33P

API No.: 4304738172

EVENT INFORMATION:

EVENT ACTIVITY: COMPLETION

START DATE: 4/3/2008

OBJECTIVE: DEVELOPMENT

END DATE:

OBJECTIVE 2: ORIGINAL

DATE WELL STARTED PROD.:

REASON: MV

Event End Status:

RIG OPERATIONS:

Begin Mobilization

Rig On Location

Rig Charges

Rig Operation Start

Finish Drilling

Rig Release

Rig Off Location

KEY 243 / 243

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
4/2/2008							
SUPERVISOR: KEN WARREN							
	7:00 - 7:15	0.25	COMP	48		P	HSM, RIGGING DOWN / RIGGING UP.
	7:15 - 6:20		COMP	47	A	P	RIG DOWN MOVE FROM BITTER CREEK 1122-3C TO NBU 1022-33P, MIRU, SPOT EQUIP, N/D WELL HEAD, N/U BOP'S, P/U 3-7/8 MILL, TALLEY & P/U 204 JNT 2-3/8 J-55 TBG, EOT @ 6380' SWIFN.
4/3/2008							
SUPERVISOR: KEN WARREN							
	7:00 - 7:15	0.25	COMP	48		P	HSM P/U PIPE
	7:15 - 15:00	7.75	COMP	31	H	P	FINISH P/U 2-3/8 TBG, CIRC DRLG MUDD OUT FROM 8200' TO 8240', CIRC HOLE CLEAN W/ 2% KCL, POOH STNDG BACK, L/D MILL, R/D TBG EQUIP, N/D BOP'S, N/U FRAC VALVES. SWIFN.
4/4/2008							
SUPERVISOR: KEN WARREN							
	7:00 - 7:15	0.25	COMP	48		P	HSM P/U WIRE LINE EQUIP.
	7:15 - 15:00	7.75	COMP	47	B	P	MIRU B&C QUICK TEST, PRESSURE TEST CSG & FRAC VALVES TO 7500# [GOOD TEST] R/D B&C TESTERS. MIRU CUTTERS WIRE LINE RIH W/ 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90° PH, [36 HOLES] PERF MESAVERDE 8198'-8202', 8186'-8189', 8178'-8180', R/D CUTTERS, SWI.
4/7/2008							
SUPERVISOR: KEN WARREN							
	7:00 - 8:45	1.75	COMP	46	F	Z	WAIT ON WEATHERFORD FRAC CREW TO MIRU, HOLD PRE JOB SAFETY MTG.
	8:45 - 9:00	0.25	COMP	36	E	P	STG #1] WHP=400#, FRAC MESAVERDE FROM 8178'-8202'. BRK DN PERFS @ 4162#, INJT PSI=4636#, INJT RT=50, ISIP=2461#, FG=.74, PUMP'D 674.1 BBLS SLK/WTR W/ 17055# 30/50 MESH W/ 5181# RESIN COAT IN TAIL. ISIP=2367#, FG=.73, AR=51, AP=4401#, MR=52.5, MP=4874#, NPI=94#, 36/36 CALC PERFS OPEN.
	9:00 - 10:30	1.50	COMP	36	E	P	STG #2] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 7905', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7873'-7875' 4SPF, 90° PH, 8 HOLES, 7826'-7830, 4 SPF, 90° PH, 16 HOLES, 7746'-7750' 4 SPF, 90° PH, 16 HOLES, [40 HOLES] WHP=0#, BRK DN PERFS @ 3333#, INJT PSI=6352#, INJT RT=50, ISIP=2026#, FG=.70, PUMP'D 786.2 BBLS SLK/WTR W/ 24822# 30/50 MESH W/ 5113# RESIN COAT IN TAIL. ISIP=2668#, FG=.78, AR=50, AP=5491#, MR=52, MP=6377#, NPI=642#, 24/40 CALC PERFS OPEN.

Wins No.: 95527

NBU 1022-33P

API No.: 4304738172

10:30 - 10:00

COMP

36

E

P

STG #3] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 7676',
PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE,
7642'-7648' 4SPF, 90° PH, 16 HOLES, 7558'-7563', 4 SPF, 90° PH,
20 HOLES, 7508'-7510' 2 SPF, 180° PH, 4 HOLES, [40 HOLES]
WHP=0#, BRK DN PERFS @ 3484#, INJT PSI=5210#, INJT RT=50,
ISIP=2489#, FG=.77, PUMP'D 1811.7 BBLS SLK/WTR W/ 63716#
30/50 MESH W/ 5108# RESIN COAT IN TAIL. ISIP=2444#, FG=.77,
AR=51, AP=4428#, MR=52, MP=5287#, NPI=-45#, 27/40 CALC
PERFS OPEN.

13:00 - 14:00	1.00	COMP	36	E	P	<p>stg #3]</p> <p>STG #4] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 7064', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7028'-7034" 4SPF, 90° PH, 24 HOLES, 6994'-6998', 4 SPF, 90° PH, 16 HOLES, [40 HOLES] WHP=0#, BRK DN PERFS @ 3018#, INJT PSI=4174#, INJT RT=50, ISIP=1752#, FG=.69, PUMP'D 1744 BBLS SLK/WTR W/ 61460# 30/50 MESH W/ 5292# RESIN COAT IN TAIL. ISIP2222#, FG=.77, AR=51, AP=3536#, MR=52, MP=4222#, NPI=470#, 40/40 CALC PERFS OPEN.</p>
14:00 - 15:00	1.00	COMP	36	E	P	<p>STG #5] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 6949', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 6902'-6909' 4SPF, 90° PH, 28 HOLES, 6875'-6878', 4 SPF, 90° PH, 12 HOLES, [40 HOLES] WHP=0#, BRK DN PERFS @ 3041#, INJT PSI=3945#, INJT RT=50, ISIP=2276#, FG=.77, PUMP'D 847.4 BBLS SLK/WTR W/ 27574# 30/50 MESH W/ 5001# RESIN COAT IN TAIL. ISIP=2374#, FG=.79, AR=49, AP=3572#, MR=50, MP=3972#, NPI=98#, 40/40 CALC PERFS OPEN.</p>
15:00 - 16:15	1.25	COMP	36	E	P	<p>STG #6] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 6820', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 6777'-6782' 4 SPF, 90° PH, 20 HOLES, 6751'-6755', 4 SPF, 90° PH, 16 HOLES, 6707'-6710' 3 SPF, 120° PH, 9 HOLES [45 HOLES] WHP=0#, BRK DN PERFS @3182 #, INJT PSI=3122#, INJT RT=50, ISIP=1189#, FG=.62, PUMP'D 1548.4 BBLS SLK/WTR W/ 54406# 30/50 MESH W/ 5424# RESIN COAT IN TAIL. ISIP=2219#, FG=.77, AR=49, AP=3238#, MR=50, MP=3552#, NPI=1030#, 45/45 CALC PERFS OPEN.</p>
16:15 - 19:00	2.75	COMP	36	E	P	<p>STG #7] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 6468', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 6433'-6438' 4 SPF, 90° PH, 20 HOLES, 6390'-6394', 4 SPF, 90° PH, 16 HOLES, 6355'-6358' 3 SPF, 120° PH, 9 HOLES [45 HOLES] WHP=0#, BRK DN PERFS @3372#, INJT PSI=4111#, INJT RT=50, ISIP=1646#, FG=.70, PUMP'D 1060.1 BBLS SLK/WTR W/ 36000# 30/50 MESH W/ 4919# RESIN COAT IN TAIL. ISIP=1969#, FG=.75, AR=49, AP=3982#, MR=50, MP=4142#, NPI=323#, 45/45 CALC PERFS OPEN.</p> <p>P/U RIH W/ BKR 8K CBP. SET CBP @ 6290', POOH R/D CUTTERS & WEATHERFORD FRAC EQUIP. SWIFN.</p>

4/8/2008

SUPERVISOR: KEN WARREN

7:00 - 7:15	0.25	COMP	48		P	HSM REVIEW DRLG PLUGS.
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-037167

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE LP

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

3. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078
3a. Phone No. (include area code) (435) 781-7024

8. Lease Name and Well No.
NBU 1022-33P

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface SE/SE 860'FSL, 1067'FEL

9. API Well No.
4304738172

At top prod. interval reported below

10. Field and Pool, or Exploratory
NATURAL BUTTES

At total depth

11. Sec., T., R., M., or Block and Survey or Area SEC. 33, T10S, R22E

14. Date Spudded 02/24/08
15. Date T.D. Reached 03/20/08
16. Date Completed D & A Ready to Prod. 04/09/08

12. County or Parish UINTAH
13. State UTAH

17. Elevations (DF, RKB, RT, GL)*
5570'GL

18. Total Depth: MD 8300' TVD
19. Plug Back T.D.: MD 8240' TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? No Yes (Submit copy)
Was DST run? No Yes (Submit copy)
Directional Survey? No Yes (Submit copy)

CBL-CCL-GR, 50/DSN W/HRI

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"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		1890'		810 SX			
7 7/8"	4 1/2"	11.6#		8300'		1770 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	7476'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	6335'	8202'	6335'-8202'	0.36	286	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and type of Material
6335'-8202'	PMP 8472 BBLs SLICK H2O & 285,033# 30/50 SD

RECEIVED

MAY 10 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/09/08	04/18/08	24	→	0	1,639	550			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 990#	Csg. Press. 1659#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	SI	→	0	1639	550			PRODUCING GAS WELL

28a. Production - Interval B

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

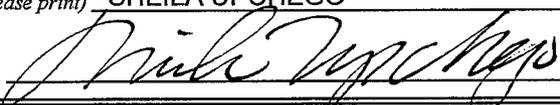
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	3933' 6202'	6202'			

32. Additional remarks (include plugging procedure):

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:

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

Name (please print) SHEILA UPCHEGO Title SENIOR LAND ADMIN SPECIALIST
 Signature  Date 05/01/08

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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0387167
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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: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-33P
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047381720000
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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: 0860 FSL 1067 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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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: 6/30/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

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

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

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 29, 2010

By: *Derek Lytle*

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/25/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047381720000

Authorization: Board Cause No. 13-14.

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

Date: June 29, 2010
By: *Don K. [Signature]*

Greater Natural Buttes Unit



NBU 1022-33P
RE-COMPLETIONS PROCEDURE

DATE:6/24/2010
AFE#:

COMPLETIONS ENGINEER: Cody Weitzel, Denver, CO
(303)-718-9115 (Cell)
(720)-929-6750 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

RECEIVED June 25, 2010

Name: NBU 1022-33P
Location: SE SE Sec 33 T10S R22E
Uintah County, UT
Date: 6/24/2010

ELEVATIONS: 5570 GL 5586 KB

TOTAL DEPTH: 8300 **PBTD:** 8258
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 1881'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8279'
 Marker Joint **3908-3929'** (From Pipe Tally)

TUBULAR PROPERTIES:

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

TOPS:

955' Green River
 1296' Birds Nest
 1641' Mahogany
 3933' Wasatch
 6216' Mesaverde
 8300' Bottom of Mesaverde (TD)

Estimated T.O.C. from CBL @ Surface'

GENERAL:

- A minimum of **5** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 3/21/2008
- **3** fracturing stages required for coverage.
- Procedure calls for **4** CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and the ramp until 1.5 ppg is reached) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above).

- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump **20/40 curable resin coated sand (SLC)** last 5,000# of all frac stages
- Tubing Currently Landed @~7476'
- Originally completed on 4/7/2008
- **IR isotope tracer should be pumped on all three stages (early, middle and late proppant)**

Existing Perforations:

Zones	Perforations		SPF	Holes
	Top, ft	Bottom, ft		
MESAVERDE	6355	6358	3	9
MESAVERDE	6390	6394	4	16
MESAVERDE	6433	6438	4	20
MESAVERDE	6707	6710	3	9
MESAVERDE	6751	6755	4	16
MESAVERDE	6777	6782	4	20
MESAVERDE	6875	6878	4	12
MESAVERDE	6902	6909	4	28
MESAVERDE	6994	6998	4	16
MESAVERDE	7028	7034	4	24
MESAVERDE	7508	7510	2	4
MESAVERDE	7558	7563	4	20
MESAVERDE	7642	7646	4	16
MESAVERDE	7746	7750	4	16
MESAVERDE	7826	7830	4	16
MESAVERDE	7873	7875	4	8
MESAVERDE	8178	8180	4	8
MESAVERDE	8186	8189	4	12
MESAVERDE	8198	8202	4	16

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7476'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6087 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6087 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 6037'. Pressure test BOP and casing to 6200 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5960	5964	4	16
WASATCH	5984	5987	4	12

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5960' and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: PUMP ONE TRACER ISOTOPE (IR) THROUGHOUT ALL SAND RAMP**

7. Set 8000 psi CBP at ~5494'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5129	5131	4	8
WASATCH	5391	5394	4	12

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5129' and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: PUMP ONE TRACER ISOTOPE (IR) THROUGHOUT ALL SAND RAMP**

9. Set 8000 psi CBP at ~4710'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4604	4610	4	24

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4604' flush only with recycled water. **NOTE: PUMP ONE TRACER ISOTOPE (IR) THROUGHOUT ALL SAND RAMP**

11. Set 8000 psi CBP at~4554'.

12. TIH with 3 7/8" mill, pump-off sub, SN and tubing.

13. Mill plugs and clean out to 8258. Land tubing at **±7716'** and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.

14. RDMO

15. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

16. Run a GR to detect tracer placement.

**For design questions, please call
 Cody Weitzel, Denver, CO
 (303)-718-9115 (Cell)
 (720)-929-6750 (Office)**

**For field implementation questions, please call
Jeff Samuels, Vernal, UT
(435)-781 9770 (Office)
(435)-828-6515 (Cell)**

NOTES:

IR isotope tracer should be pumped on all three stages throughout all of sand ramp
This is a limited entry perforation well

Name NBU 1022-33P
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	5960	5964	4	16	5947.5	to	5966
	WASATCH	5984	5987	4	12	5975.5	to	5994.5
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				28	CBP DEPTH	5,494	
2	WASATCH	5129	5131	4	8	5118.5	to	5134.5
	WASATCH	5391	5394	4	12	5384	to	5400
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				20	CBP DEPTH	4,710	
3	WASATCH	4604	4610	4	24	4593	to	4613.5
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				24	CBP DEPTH	4,554	
Totals				72				

Fracturing Schedules

Name NBU 1022-33P
Slickwater Frac

Copy to new book

Recomplete?	Y
Pad?	N
ACTS?	N

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Md-Ft of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.	
			Top, ft	Bot, ft																		
1	WASATCH	0.91	5960	5964	4	16	Varied	Pump-in test			Slickwater		0	0	0							35
	WASATCH	0.42	5984	5987	4	12	0	ISIP and 5 min ISIP			Slickwater							0	0			13
	WASATCH	0.00					40	Slickwater Pad			Slickwater	4,386	4,386	104	104	15.0%	0.0%	0	0			44
	WASATCH	0.00					40	Slickwater Ramp	0.25	1.5	Slickwater	14,620	19,006	348	453	50.0%	35.7%	12,793	12,793			0
	WASATCH	0.00					40	Slickwater Ramp	1.5	3	Slickwater	10,234	29,240	244	696	35.0%	64.3%	23,027	35,819			0
	WASATCH	0.00					40	Flush (4-1/2)			Slickwater	3,891	33,131	93	789							0
	WASATCH	0.00						ISDP and 5 min ISDF			Slickwater											0
	WASATCH	0.00																	35,819			0
	WASATCH	0.00										33,131		93	789							0
	WASATCH	0.00																				35
	WASATCH	0.00																				127
		1.33	# of Perfs/stage			Look	28											22,000	26,950	lbs sand/md-ft		
							19.7	<< Above pump time (min)										5960	CBP depth	5,494	466	
2	WASATCH	0.21	5129	5131	4	8	Varied	Pump-in test			Slickwater		0	0	0							10
	WASATCH	0.21	5391	5394	4	12	0	ISIP and 5 min ISIP			Slickwater							0	0			32
	WASATCH	0.00					50	Slickwater Pad			Slickwater	3,207	3,207	76	76	15.0%	0.0%	0	0			0
	WASATCH	0.00					50	Slickwater Ramp	0.25	1.5	Slickwater	10,690	13,897	255	331	50.0%	35.7%	9,354	9,354			0
	WASATCH	0.00					50	Slickwater Ramp	1.5	3	Slickwater	7,483	21,380	178	509	35.0%	64.3%	16,837	26,191			0
	WASATCH	0.00					50	Flush (4-1/2)			Slickwater	3,348	24,728	80	589							0
	WASATCH	0.00						ISDP and 5 min ISDF			Slickwater											0
	WASATCH	0.00																	26,191			0
	WASATCH	0.00										24,728		80	589							0
	WASATCH	0.00																				30
	WASATCH	0.00																				72
		0.43	# of Perfs/stage			Look	20					LOOK		LOOK				50,000	61,250	lbs sand/md-ft		
							11.8	<< Above pump time (min)										5129	CBP depth	4,710	419	
3	WASATCH	0.88	4604	4610	4	24	Varied	Pump-in test			Slickwater		0	0	0							9
	WASATCH	0.00					0	ISIP and 5 min ISIP			Slickwater							0	0			29
	WASATCH	0.00					40	Slickwater Pad			Slickwater	2,905	2,905	69	69	15.0%	0.0%	0	0			0
	WASATCH	0.00					40	Slickwater Ramp	0.25	1.5	Slickwater	9,683	12,588	231	300	50.0%	35.7%	8,473	8,473			0
	WASATCH	0.00					40	Slickwater Ramp	1.5	3	Slickwater	6,778	19,367	161	461	35.0%	64.3%	15,251	23,724			0
	WASATCH	0.00					40	Flush (4-1/2)			Slickwater	3,005	22,372	72	533							0
	WASATCH	0.00						ISDP and 5 min ISDF			Slickwater											0
	WASATCH	0.00																	23,724			0
	WASATCH	0.00										22,372		72	533							0
	WASATCH	0.00																				38
		0.88	# of Perfs/stage			Look	24					LOOK		LOOK				22,000	26,950	lbs sand/md-ft		
							13.3	<< Above pump time (min)										4604	CBP depth	4,554	50	
	Totals	2.64					0.7					Total Fluid	80,231	gals	1,910	bbls		Total Sand	85,734			
																						Total Scale Inhib. = 237

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU037167

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
UTU63047A

8. Lease Name and Well No.
NBU 1022-33P

9. API Well No.
43-047-38172

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area Sec 33 T10S R22E Mer SLB

12. County or Parish
UINTAH

13. State
UT

17. Elevations (DF, KB, RT, GL)*
5570 GL

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

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

3. Address P.O. BOX 173779
DENVER, CO 80217

3a. Phone No. (include area code)
Ph: 720-929-6100

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESE 860FSL 1067FEL

At top prod interval reported below SESE 860FSL 1067FEL

At total depth SESE 860FSL 1067FEL

14. Date Spudded
02/24/2008

15. Date T.D. Reached
03/20/2008

16. Date Completed
 D & A Ready to Prod.
07/29/2010

18. Total Depth: MD 8300
TVD

19. Plug Back T.D.: MD 8240
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-CCL-GR-SD-DSN-HRI

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J55	36.0		1890		810			
7.875	4.500 I80	11.6		8300		1770			

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	7476							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	4604	5987	4604 TO 5987	0.360	72	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4604 TO 5987	PUMP 2,312 BBLs SLICK H2O & 87,223 LBS 30/50 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
07/29/2010	07/30/2010	24	→	0.0	3115.0	528.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI 515	1073.0	→	0	3115	528		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 #92114 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

SEP 09 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER BIRD'S NEST MAHOGANY WASATCH MESAVARDE	955 1296 1641 3933 6216	8300	TD		

32. Additional remarks (include plugging procedure):

ATTACHED IS THE RECOMPLETION CHRONOLOGICAL WELL HISTORY.

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 #92114 Verified by the BLM Well Information System.
For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal**

Name (please print) ANDY LYTLE Title REGULATORY ANALYST

Signature  (Electronic Submission) Date 08/31/2010

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

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

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-33P		Spud Conductor: 2/24/2008		Spud Date: 2/26/2008	
Project: UTAH-UINTAH			Site: NBU 1022-33P		
Event: RECOMPL/RESEREVEADD			Start Date: 7/19/2010		End Date: 7/26/2010
Active Datum: RKB @5,586.01ft (above Mean Sea Level)			UWI: NBU 1022-33P		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/19/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, RIGGING UP
	6:45 - 14:30	7.75	COMP	30	A	P		MIRU, SPOT EQUIP, PREP TO POOH IN AM. CHECKED H2S @ WELL HEAD 1-2 PPM IN GAS STREAM.
7/20/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, KEEP YOUR HEAD AWAY FROM TOP OF TBG INCASE THE WELL BLOWS IN OR YOU HAVE A PLUNGER IN TBG.
	6:45 - 14:30	7.75	COMP	31	I	P		CSG & TBG PRESS 69 PSI, KILL TBG W/ 20 BBL, KILL CSG W/ 20 BBLS KEEP PUMP TRICKLING DOWN CSG, ND WH, NU BOPS & TEST TO 3,000 PSI, RU FLOOR, UNLAND TBG & PU TBG TO TAG, TAGGED @ 7,616', POOH, STARTED SEEING IRON SULFIDE SCALE ON OUTSIDE OF TBG @ 6,300' TO 7,457' EOT INSIDE OF TBG LOOKS GOOD, GOT SAMPLE, ND BOPS, NU FRAC VAVLE FOR PRESS TEST & 1ST SHOOT IN AM, SWI SDFN.
7/21/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, PRESS TESTING & WIRELINE
	6:45 - 8:30	1.75	COMP	34	I	P		MIRU CUTTERS RUN GAUGE TO 6,087', SET KILL PLUG 10 K @ 6,037'
	8:30 - 10:30	2.00	COMP	33	C	P		MIRU B&C QUICK TEST FILL HOLE & PRESS TEST CSG TO 6,200 PSI.
	10:30 - 14:30	4.00	COMP	37	B	P		PERFORATE WASATCH ZONE 1. PU 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH PERF 5,984'-87' 4SPF 12 HOLES, 5,960'-64' 4SPF 16 HOLES, TOTAL 28 HOLES. POOH W / WIRE LINE. PREP TO FRAC IN AM. SWI SDFN.
7/22/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, BACK SAFETY, LIFTING HEAVY OBJECTS GET HELP OR USE WINCH LINE.
	6:45 - 10:15	3.50	COMP	36	B	P		MIRU FRAC TECH, FRAC STAGE 1] LIMITED ENTRY PERFORATIONS. [STAGE 1] PRIME UP PUMPING LINE & PRESS TEST SRFACE LINES TO 8,000 PSI. WAIT ON PROTECHNICS TO PUMP ISOTOPE TRACERS. WHP= 1,116 PSI, BRK @ 2,568 PSI @ 6.1 GPM, ISIP 1,452 PSI, FG .68. PUMP 100 BBLS @ 41.5 BPM 3,196 PSI,= 100% PERFS OPEN 28/28. MP 4,886 PSI MR 42.2 BPM, AP 3,100 PSI AR 41.8 BPM, ISIP 2,201 PSI, FG.80. NPI 749 PSI, PMPD 975 BBLS SW & 30,897 LBS OF 30/50 SND & 5,000 LBS OF RESIN SND. TOTAL PROP 35,897 LBS. PUMP ISOTOPE TRACER THROUGHOUT SAND RAMP.

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-33P	Spud Conductor: 2/24/2008	Spud Date: 2/26/2008
Project: UTAH-UINTAH	Site: NBU 1022-33P	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 7/19/2010	End Date: 7/26/2010
Active Datum: RKB @5,586.01ft (above Mean Sea Level)	UWI: NBU 1022-33P	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:15 - 11:15	1.00	COMP	36	B	P		STAGE 2] PU 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET CBP @ 5,430 & PERF WASATCH @ 5,391'-94' 4 SPF 12 HOLES 5,129'-31' 4 SPF 8 HOLES, TOTAL 20 HOLES, LIMITED ENTRY PERFORATIONS. WHP= 153 PSI, BRK @ 1,898 PSI @ 6.0 GPM, ISIP 218 PSI, FG .47. PUMP 100 BBLS @ 47.2 BPM 3,600 PSI, = 100% PERFS OPEN 20/20. MP 5,317 PSI MR 52.2 BPM, AP 3,000 PSI AR 51 BPM, ISIP 1,481 PSI, FG.71. NPI 1,263 PSI, PMPD 723 BBLS SW & 22,570 LBS OF 30/50 SND & 5,000 LBS OF RESIN SND. TOTAL PROP 27,570 LBS. PUMP ISOTOPE TRACER THROUGHOUT SAND RAMP.
	11:15 - 13:30	2.25	COMP	36	B	P		STAGE 3] PU 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET CBP @ 4,640 & PERF WASATCH @ 4,604'-10' 4 SPF 24 HOLES, TOTAL 24 HOLES, LIMITED ENTRY PERFORATIONS. WHP= 182 PSI, BRK @ 2,444 PSI @ 5.8 GPM, ISIP 844 PSI, FG .61. PUMP 100 BBLS @ 42.1 BPM 2,932 PSI, = 92% PERFS OPEN 22/24. MP 2,915 PSI MR 42.3 BPM, AP 2,200 PSI AR 41.5 BPM, ISIP 1,039 PSI, FG.65. NPI 195 PSI, PMPD 614 BBLS SW & 18,756 LBS OF 30/50 SND & 5,000 LBS OF RESIN SND. TOTAL PROP 23,756 LBS. TOTAL PUMPED FOR JOB 2,312 BBLS PROP 87,223 #. PUMP ISOTOPE TRACER THROUGHOUT SAND RAMP. SET 8K KILL PLUG @ 4,554, RD CUTTERS & FRAC TECH
	13:30 - 15:30	2.00	COMP	31	I	P		OPEN WELL 0# PRESSURE, RD FLOOR, N/D FRAC VALVE, N/U BOPS, R/U TBG EQUIP. P/U 3-7/8 BIT W/ POBS PKG, LD BTM JT BAD PITTING FROM SCALE, RIH W/ 2-3/8 J-55 TBG TO 4,437' RU POWER SWIVEL FOR DRILL OUT IN AM. SWI SDFN.
7/23/2010	6:30 - 6:45	0.25	COMP	48		P		HSM,

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-33P		Spud Conductor: 2/24/2008		Spud Date: 2/26/2008	
Project: UTAH-UINTAH			Site: NBU 1022-33P		Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD			Start Date: 7/19/2010		End Date: 7/26/2010
Active Datum: RKB @5,586.01ft (above Mean Sea Level)			UWI: NBU 1022-33P		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:45 - 17:30	10.75	COMP	44	C	P		<p>BIT @ 4,431' RIH TAG SAND @ 4,540, BREAK CIRC CONVENTIONAL START DRLG PLUGS. RU CUD N2 UNIT.</p> <p>C/O 10' SAND, TAG 1ST PLUG @ 4,554' DRL PLUG IN 6 MIN. 50 PSI INCREASE RIH.</p> <p>C/O 15' SAND, TAG 2ND PLUG @ 4,640' DRL PLUG IN 6 MIN. 50 PSI INCREASE RIH.</p> <p>C/O 30' SAND, TAG 3RD PLUG @ 5,430' DRL PLUG IN 5 MIN. 50 PSI INCREASE RIH.</p> <p>C/O 30' SAND, TAG 4TH PLUG @ 6,037' DRL PLUG IN 4 MIN. 0 PSI INCREASE WELL WENT ON VACUMN.</p> <p>RD POWER SWIVEL, RIH TAG @ 7,570', RU POWER SWIVEL, TRY TO BREAK CIRC W/ N2 UNIT PUMPED 140,000 SCF OF N2 NO RETURNS KILL TBG W/ RIG PUMP, RD POWER SWIVEL POOH 20 STDS, TRY TO BREAK CIRC W/ N2 UNIT AGAIN @ 6,310' PUMPED 80,000 SCF OF N2 STILL NO RETURNS, POOH 10 STDS, TRY TO BREAK CIRC W/ N2 UNIT AGAIN @ 5,664' PUMPED 35,000 SCF OF N2 GOT RETURNS 800 PSI ON CSG, TIH TO 7,540' RU POWER SWIVEL & INSTALL XN PUMP THRU PLUG STARTED PUMPING N2 PUMPED 100,000 SCF W/ PARTIAL RETURNS THEN WELL DIED AGAIN PUMPED 425,000 SCF TOTAL, KILL TBG RD POWER SWIVEL POOH 10 STDS TO 6,910' SWI TO BUILD PRESSURE OVER WEEKEND TRY AGAIN MONDAY MOURNING, SDFWE.</p> <p>NOTE: THE WASATCH ZONES WERE FLOWING BEFORE WE DRILLED THE 10K TEST PLUG @ 6,037', AND WELL WENT ON A VACUMN. HSM, KEEP AWAY FROM TOP OF TBG WHILE MAKING CONNECTIONS W/ PUMP THRU PLUG INSTALLED IN TBG.</p>
7/26/2010	6:30 - 6:45	0.25	COMP	48		P		

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-0387167
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-33P	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047381720000	
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: 0860 FSL 1067 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/27/2011 <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 checked="" 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. THE OPERATOR HAS PERFORMED A WELL BORE CLEAN OUT ON THE SUBJECT WELL OPERATIONS WAS DONE ON 04/26/2011 AND COMPLETED ON 04/27/2011.		
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 6/27/2011	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-33P		Spud Conductor: 2/24/2008		Spud Date: 2/26/2008				
Project: UTAH-UINTAH			Site: NBU 1022-33P			Rig Name No: ROYAL WELL SERVICE 1/1		
Event: WELL WORK EXPENSE			Start Date: 4/26/2011			End Date: 4/27/2011		
Active Datum: RKB @5,586.00ft (above Mean Sea Level)				UWI: NBU 1022-33P				

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/26/2011	10:00 - 10:15	0.25	MAINT	48		P		HSM & JSA W/ROYAL WELL SERVICE
	10:15 - 10:15	0.00	MAINT	31	I	P		ROAD RIG FROM NBU 1022-19P. MIRU, SPOT EQUIP. WHP = 0 PSI TBG & 26 PSI CSG. BLOW DWN WELL. NDWH, NU BOP. EOT @ 7476'. L/D TBG HNGR. PREP & TALLY TBG. RIH W/2 3/8" TBG & TAG FILL @ 7692'. (BTM PERF @ 8202' - PBTD @ 8239'). POOH W/TBG & STD BACK IN DRK. (AT 6300' FOUND LIGHT SCALE ON OUTSIDE OF TBG - INSIDE VERY LIGHT LAST 20 JTS). SWI - SDFN. PREP TO RIH & C/O TO PBTD IN AM.
4/27/2011	6:45 - 7:00	0.25	MAINT	48		P		HSM & JSA W/ROYAL WELL SERVICE
	7:00 - 15:30	8.50	MAINT	31		P		WHP = 0 PSI. PU 3 7/8" MILL, POBS & XN NIPPLE. RIH ON USED 2 3/8" 4.7# J55 TBG TO 3973'. MIRU WEATHERFORD N2 FOAM UNIT. EST CIRC W/N2 FOAM. SD WEATHERFORD. PMP 11 BBL KILL PILL. CONT. TO RIH W/TBG TO 7653'. RD TBG EQUIP. RU PWR SWVL & PMP. RU WEATHERFORD N2 FOAM UNIT. EST CIRC W/N2 FOAM. C/O 108' OF SCALE FROM 7673' TO 7781'. FELL FREE. RIH TAG FILL @ 8218'. C/O 5' OF FILL 8218' TO 8223'. CIRC WELL CLEAN W/N2 FOAM. (WELL MAKING LOTS OF WTR) RD WEATHERFORD FOAM UNIT. R/D PWR SWVL. RU TBG EQUIP. POOH & LD 41 JTS ON FLOAT. LND TBG ON HNGR W/221 JTS USED 2 3/8" 4.7# J55 TBG. EOT @ 6967.58'. XN NIPPLE @ 6966.25'. RU SWAB EQUIP. BROACH TBG W/1.91 BROACH TO 6966'. RD SWAB EQUIP. ND BOP, NUWH. PMP OFF MILL @ 0000 PSI. SITP = 000 PSI. SICP = 000 PSI. SWI - SDFN.
								KB 16.00' HNGR 0.83' 221 JTS TBG 6949.42' 1,875 XN NIPPLE 1.06' EOT @ 6967.31'
								150 BBLS TMAC USED 520 BBLS WTR RECOVERED 494' (15 JTS) 2 3/8" 4.7# J55 YB TBG RETURNED TO YARD FROM WELL. 33' (1 JT) 2 3/8" 4.7# J55 RB TBG SENT TO JUNK PILE.

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-0387167
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-33P	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047381720000	
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: 0860 FSL 1067 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input 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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/13/2011	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> DRILLING REPORT Report Date:	
	<input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px; height: 15px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE SUBJECT WELL WAS RETURNED BACK TO PRODUCTION ON 10/13/2011.		
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 11/17/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0387167
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-33P
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047381720000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0860 FSL 1067 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/23/2013	<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 checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The operator requests authorization to plug and abandon the subject well location. Attached in the plug and abandonment procedure.

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

Date: June 11, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 5/23/2013	

NBU 1022-33P
860' FSL & 1067' FEL
SESE SEC.24, T9S, R22E
Uintah County, UT

KBE: 5570' API NUMBER: 4304738172
GLE: 5586' LEASE NUMBER: UTU-037167
TD: 8300'
PBDT: 8240'

CASING : 20" hole
14" 36.7# Stl @ 40' (GL)
Cmt w/ 28 sx, TOC @ Surface

12 ¼ " hole
9.625" 36# J-55 @ 1890'
Cmt w/ 810 sx, TOC @ Surface per drilling report 2/29/08

7.875" hole
4.5" 11.6# I-80 @ 8300'
TOC @ Surface per CBL

PERFORATIONS: Wasatch 4604' - 5997'
Mesaverde 6355' - 8202'

TUBING: No rods or tubing in hole (L/D 4/25/12)
No packer in hole either (L/D 2/16/12)

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.765	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 ½" 11.6# csg				0.4227	0.0565	0.01
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2278	0.0406
9.625" csg X 12 1/4" borehole				2.3428	0.3132	0.0558
9.625" csg X 14" csg				3.4852	0.4659	0.083
14" csg X 20" borehole				8.3232	1.1126	0.1982

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	955'
Bird's Nest	1296'
Mahogany	1641'
Base of Parachute	2422'
Wasatch	3933'
Mesaverde	6216'

Tech. Pub. #92 Base of USDW's

USDW Elevation ~2000' MSL
USDW Depth ~3570' KBE

NBU 1022-33P PLUG & ABANDONMENT PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

Note: Approx. **165 sx** Class "G" cement needed for procedure, **(1) 4.5" CIBP**.

Note: No Gyro has not been run on this well.

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. NO EQUIPMENT IN HOLE ACCORDING TO MOST RECENT REPORTS. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WAS/MV PERFORATIONS (4604' – 8202')**: RIH W/ 4 ½" CIBP. SET @ ~4550'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **8 SX / 1.6 BBL / 8.7 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~4450'). REVERSE CIRCULATE W/ TREATED WATER.
5. **PLUG #2, PROTECT TOP OF WASATCH (3933') & BASE OF USDW (~3570')**: PUH TO ~4050'. BRK CIRC W/ FRESH WATER. DISPLACE **46 SX / 9.3 BBL / 52.3 CUFT.** AND BALANCE PLUG W/ TOC @ ~3450' (600' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
6. **PLUG #3, PROTECT BASE OF PARACHUTE (~2422')**: PUH TO ~2550'. BRK CIRC W/ FRESH WATER. DISPLACE **19 SX / 3.9 BBL / 21.8 CUFT.** AND BALANCE PLUG W/ TOC @ ~2300' (250' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
7. **PLUG #4, PROTECT TOP OF MAHOGANY (1641'), TOP OF BIRD'S NEST (~1296'), & TOP OF GREEN RIVER (955')**: PUH TO ~1750'. BRK CIRC W/ FRESH WATER. DISPLACE **69 SX / 14.0 BBL / 78.5 CUFT.** AND BALANCE PLUG W/ TOC @ ~850' (900' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
8. **PLUG #5, FILL SURFACE HOLE:** PUH TO ~300'. BRK CIRC W/ FRESH WATER. DISPLACE **23 SX / 4.7 BBL / 26.2 CUFT.** OR SUFFICIENT VOLUME TO FILL CSG TO SURFACE.
9. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

ALM 5/22/13

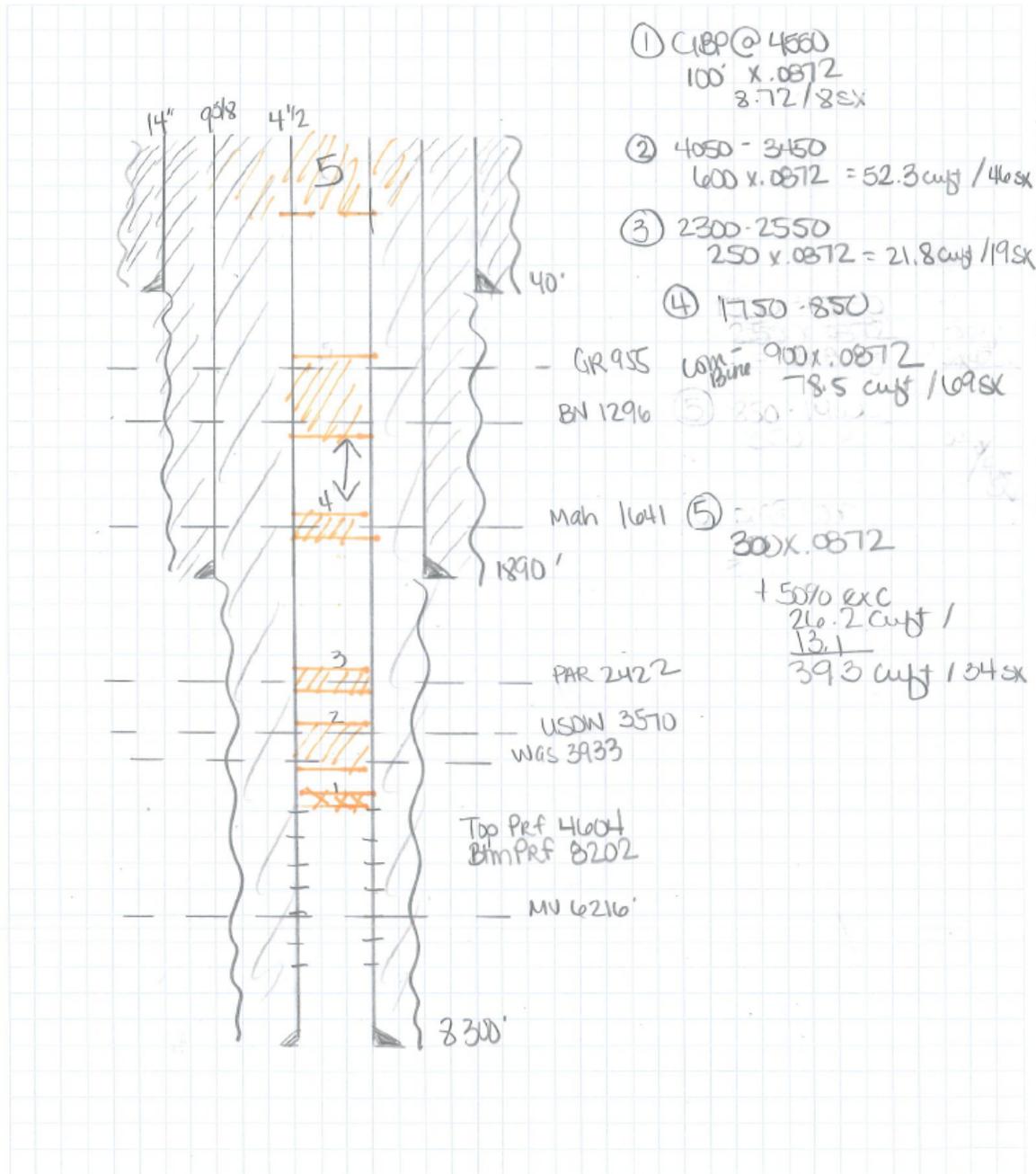


PROJECT COMPUTATIONS

NO. _____ OF _____ SHEETS

DATE _____ PROJECT NRM 1022-33P JOB NO. _____

BY _____ CHK.: _____ SUBJECT _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047381720000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0860 FSL 1067 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/21/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input 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	
<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.		
THE SUBJECT WELL WAS PLUGGED AND ABANDONED ON 3/21/2014. PLEASE SEE ATTACHED WELL HISTORY FOR DETAILS.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 24, 2014		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 3/24/2014	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-33P		Spud Conductor: 2/24/2008		Spud Date: 2/26/2008				
Project: UTAH-UINTAH		Site: NBU 1022-33P		Rig Name No: SWABBCO 6/6				
Event: ABANDONMENT		Start Date: 10/25/2013		End Date: 3/21/2014				
Active Datum: RKB @5,586.00usft (above Mean Sea Level)			UWI: NBU 1022-33P					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/18/2013	7:00 -							FACILITY TEARDOWN
3/20/2014	7:00 - 7:30	0.50	ABANDP	48		P		WIRE LINE
	7:30 - 18:30	11.00	ABANDP	34	I	P		MIRU,2000# CSG, BLOW DWN CSG, CAN'T KILL WELL, CALL FOR BRINE, KILL WELL, 50 BBLS BRINE, NDWH, NU BOP'S, RU CUTTERS, TIH GAUGE RING TO 4560', POOH PU 4 1/2" CIBP, TIH SET CIBP AT 4550', POOH RD CUTTERS, SWIFN
3/21/2014	7:00 - 7:30	0.50	ABANDP	48		P		CEMENTING
	7:30 - 7:30	0.00	ABANDP	51	D	P		PU 144 JTS, TBG, TIH TAG CIBP, PULL 10', SET 5 CEMENT PLUGS TO SURFACE, ND BOP'S, CUT OFF WELL HEAD 6' DWN, TOP OFF SURFACE-PROD CSG WITH CEMENT, CAP WELL, BURY CSG, RDMO ALL CEMENT USED IS CLASS G, 1.145 YIELD, 15.8# DENISTY, 4.9 GW/SX, SET CIBP 4550' COMBINE PLUG# 1 & PLUG# 2 4550' -3426' PUMP 5 BBLS FRESH, 85 SX, 97.5 CF,17.4 BBLS CEMENT, DISPLACE 2.5 BBLS FRESH, 10.75 BBLS TREATED T-MAC. POOH 63 JTS TBG TO 2556' PLUG# 3 2556'-2219' PUMP 2.5 BBLS FRESH, 25 SX, 28.75 CF, 5.1 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 7.6 BBLS TREATED T-MAC. POOH LAY DWN 25 JTS TBG TO 1768' PLUG# 4 1768'-843' PUMP 5 BBLS FRESH, 70 SX, 80.5 CF, 14.3 BBLS CEMENT, DISPLACE WITH 2.5 BBLS FRESH, .8 BBLS TREATED T-MAC SURFACE 310'-0' POOH RD BOP'S, SET SLIPS ON TBG HEAD, TIH 10 JTS TBG, 310', PUMP CEMENT DWN TBG- UP CSG BACK TO SURFACE. DIG OUT WH 6' DWN BELOW BRADAN HD, CUT OFF CSG, TOP OFF SURFACE AND 4 1/2" CSG, CAP CSG, BURY. GYRO RAN 10/28/13 N39.90053W109.43835 ELEV 5586'