

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-468
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 WESTPORT OIL & GAS COMPANY L.P.		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES
3a. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Lease Name and Well No. NBU 1022-15P-S
3b. Phone No. (include area code) (435) 781-7060		9. API Well No. 43-047-37735
4. Location of Well (Report location clearly and in accordance with any State requirements.)* 39.943295 At surface SWSW 604' FSL 686' FWL 63555 3X 4422452Y -109.413368 At proposed prod. Zone SESE SEC 15-T10S-R22E 530' FSL 120' FEL		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 27.35 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area SEC 14-T10S-R22E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 644'	16. No. of Acres in lease 320	12. County or Parish UINTAH
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	13. State UT
19. Proposed Depth 8600'	20. BLM/BIA Bond No. on file CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5264.3' GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

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

- | | |
|---|---|
| 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 <i>Debra Domenici</i>	Name (Printed/Typed) DEBRA DOMENICI	Date 2/3/2006
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 02-28-06
Title ENVIRONMENTAL MANAGER	Office	

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

Conditions of approval, if any, are attached.

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)

BHL 635308 X 4422432Y *39.943095 -109.416245*

Federal Approval of this Action is Necessary

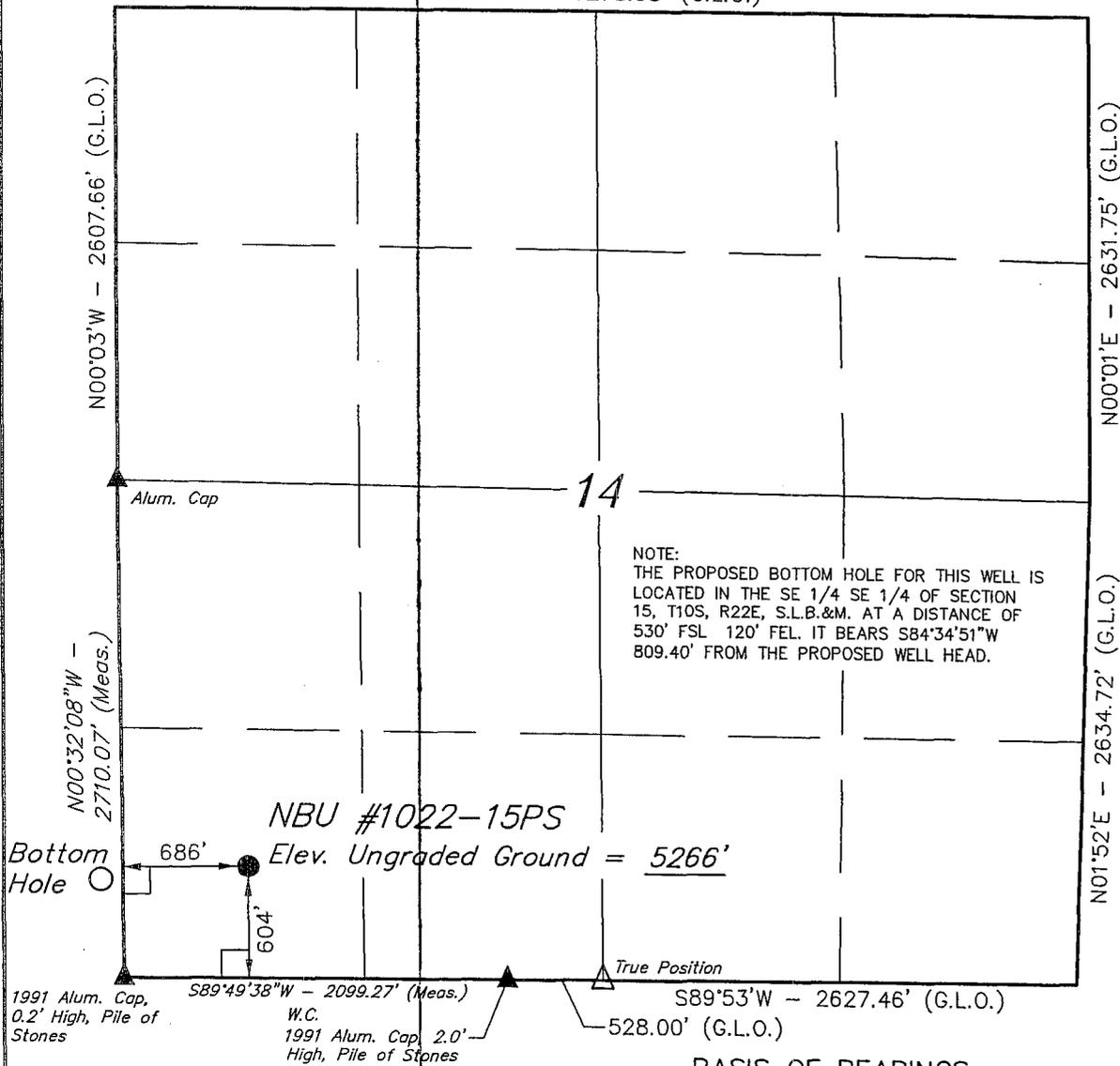
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FEB 08 2006

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

Kerr-McGee Oil & Gas Onshore LP

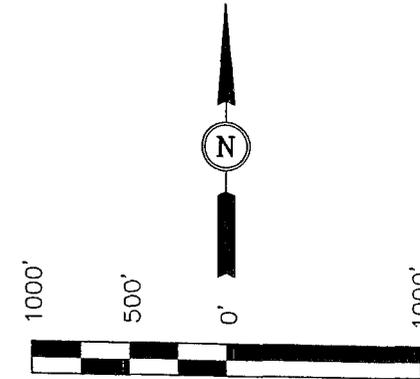
Well location, NBU #1022-15PS, located as shown in the SW 1/4 SW 1/4 of Section 14, T10S, R22E, S.L.B.&M. Uintah County, Utah.

N89°59'W - 5278.68' (G.L.O.)



BASIS OF ELEVATION

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



SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

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

(NAD 83)
LATITUDE = 39°56'35.83" (39.943286)
LONGITUDE = 109°24'50.77" (109.414103)
(NAD 27)
LATITUDE = 39°56'35.95" (39.943319)
LONGITUDE = 109°24'48.32" (109.413422)

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

SCALE 1" = 1000'	DATE SURVEYED: 1-17-06	DATE DRAWN: 1-26-06
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU #1022-15P-S
SWSW SEC 14-T10S-R22E
UINTAH COUNTY, UTAH
UTU-468

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1050'
Wasatch	4060'
Mesaverde	6450'
TD	8600'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1050'
Gas	Wasatch	4060'
Gas	Mesaverde	6450'
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 8600' TD, approximately equals 5332 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3440 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



**Kerr-McGee Oil & Gas Onshore LP
DRILLING PROGRAM**

CASING PROGRAM

	SIZE	INTERVAL	WT	GR	CPLG	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2000	40.00	J-55	STC	3950	2570	452000
						1.41*****	2.75	7.99
PRODUCTION	4-1/2"	0 to 8600	11.60	M-80	LTC	7780	6350	201000
						2.78	1.35	2.31

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 0.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2804 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 Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18	
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18	
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
SURFACE Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized							
	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81	
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18	
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
PRODUCTION	LEAD	3,560'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38	
	TAIL	5,040'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1410	60%	14.30	1.31	

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

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

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

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

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

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

DRILLING ENGINEER:

Brad Laney / Rusty Desormeaux

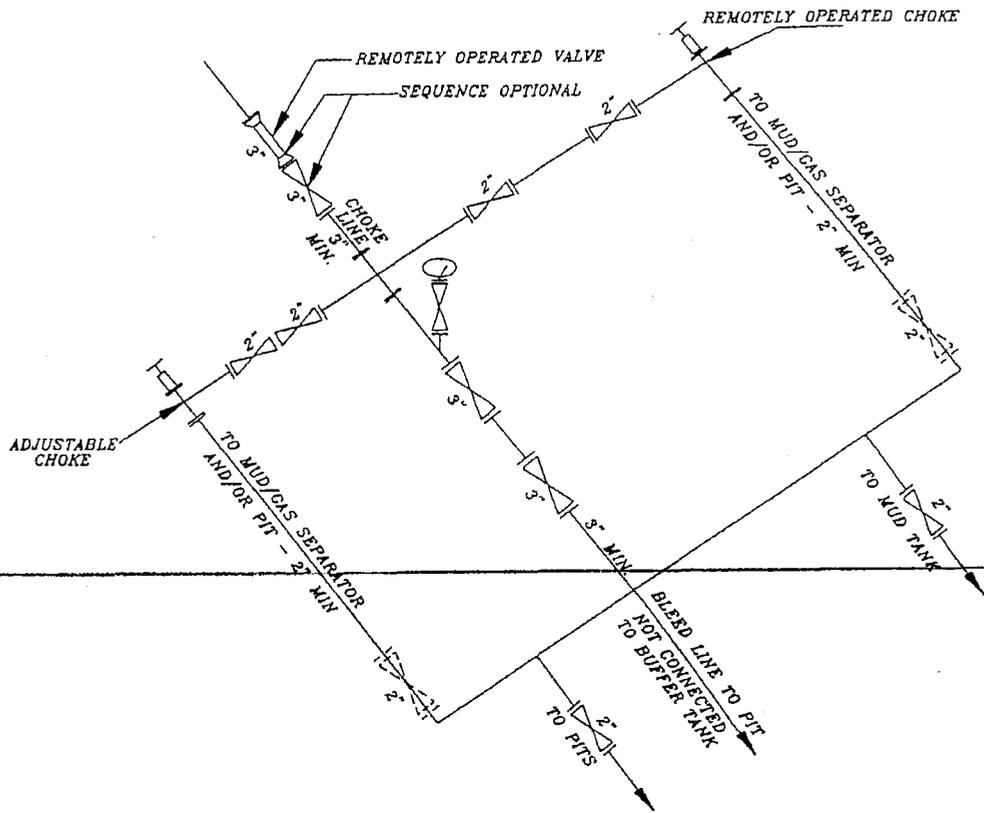
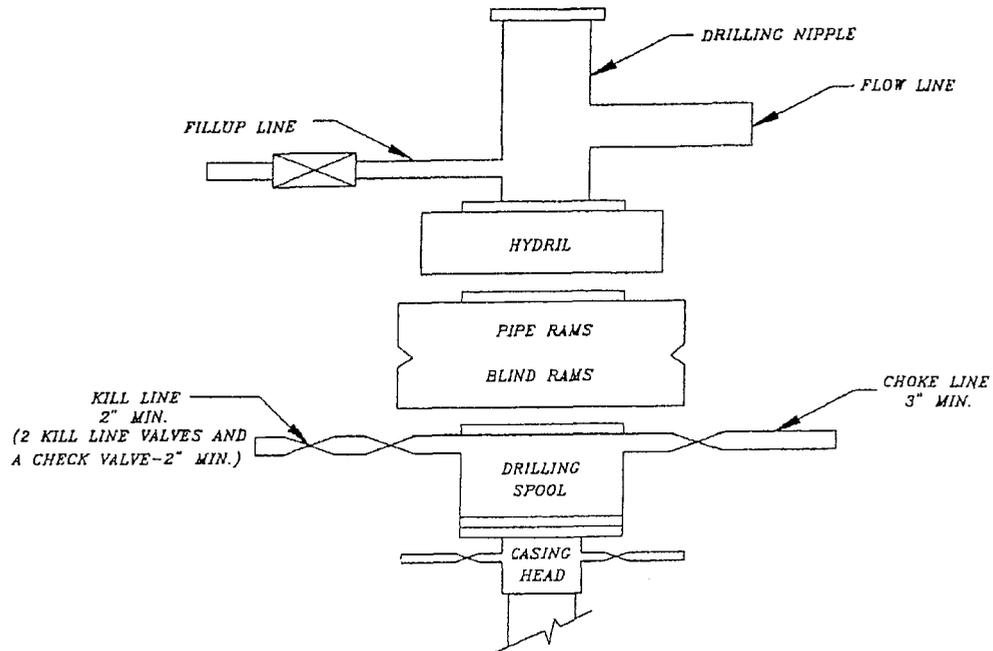
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU #1022-15P-S
SWSW SEC 14-T10S-R22E
UINTAH COUNTY, UTAH
UTU-468

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to the attached location directions.

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

2. **Planned Access Roads:**

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

Approximately 0.15 miles of new access road is proposed. 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 pipelines.

Variances to Best Management Practices (BMPs) Requested:

Approximately 790' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

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

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is 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 will be used.

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 12 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 and a paleontological survey have been performed and will be filed when received.

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:

Debra Domenici
Associate Environmental Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7060

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 #CO-1203.

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.


Debra Domenici

2/3/2006

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-14M2S, #1022-14M, #1022-15PS
SECTION 14, 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, THEN EASTERLY DIRECTION APPROXIMATELY 12.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; PROCEED IN A EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.7 MILES THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.35 MILES.

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-14M2S, #1022-14M, #1022-15PS
LOCATED IN UINTAH COUNTY, UTAH
SECTION 14, T10S, R22E, S.L.B.&M.

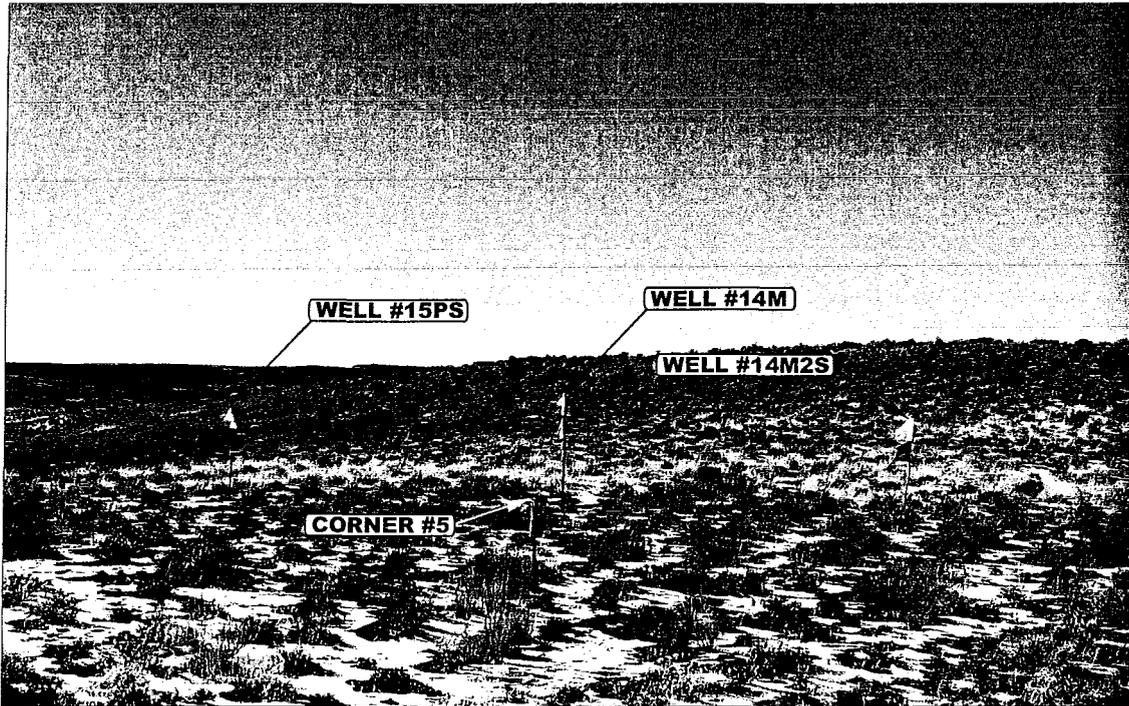


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



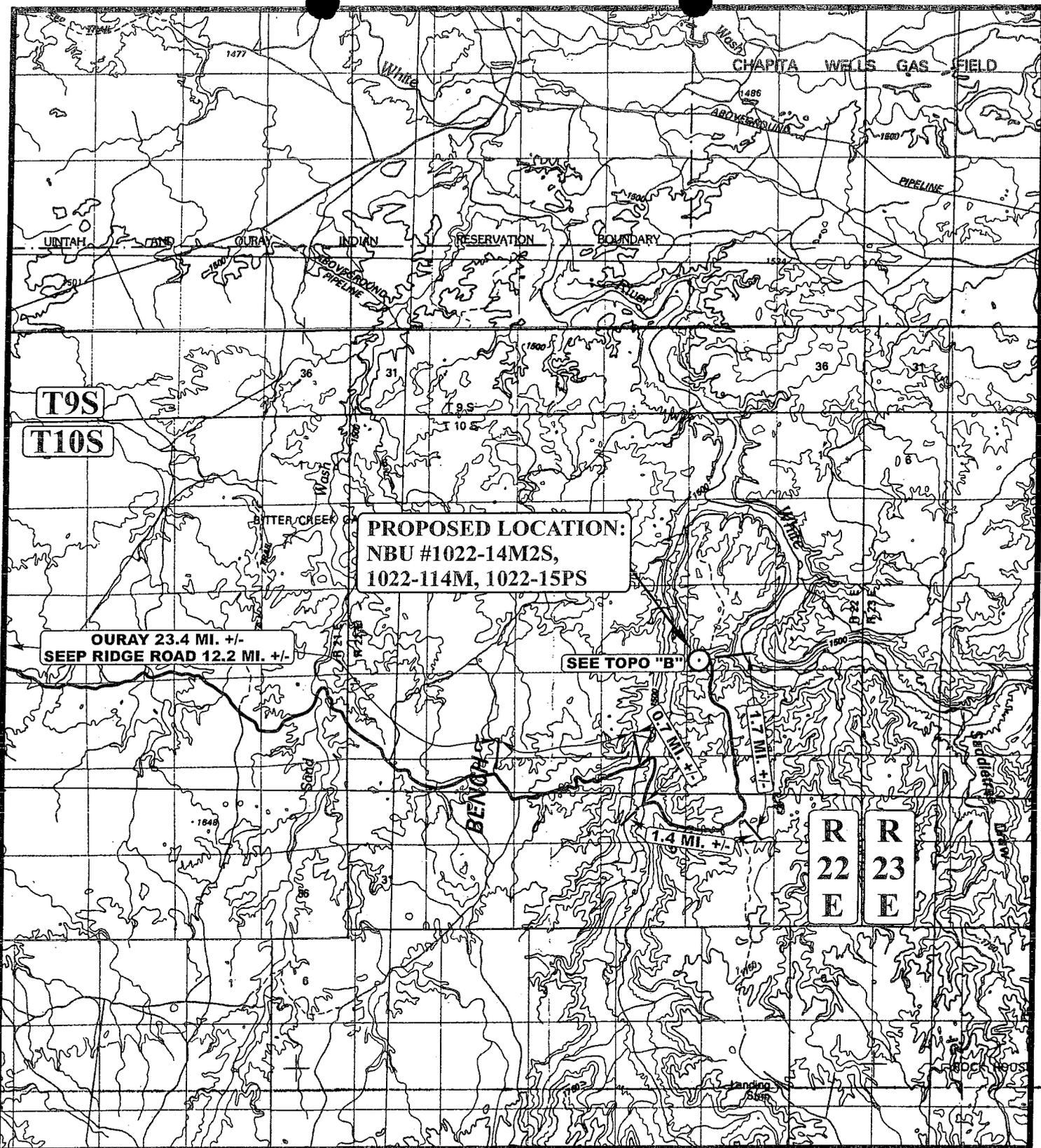
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



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

LOCATION PHOTOS			01	05	05	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: L.K.	REVISED: 01-27-06				



PROPOSED LOCATION:
 NBU #1022-14M2S,
 1022-114M, 1022-15PS

OURAY 23.4 MI. +/-
 SEEP RIDGE ROAD 12.2 MI. +/-

SEE TOPO "B"

R
22
E

R
23
E

LEGEND:

○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-14M2S, 1022-14M, 1022-15PS
 SECTION 14, T10S, R22E, S.L.B.&M.
 SW 1/4 SW 1/4

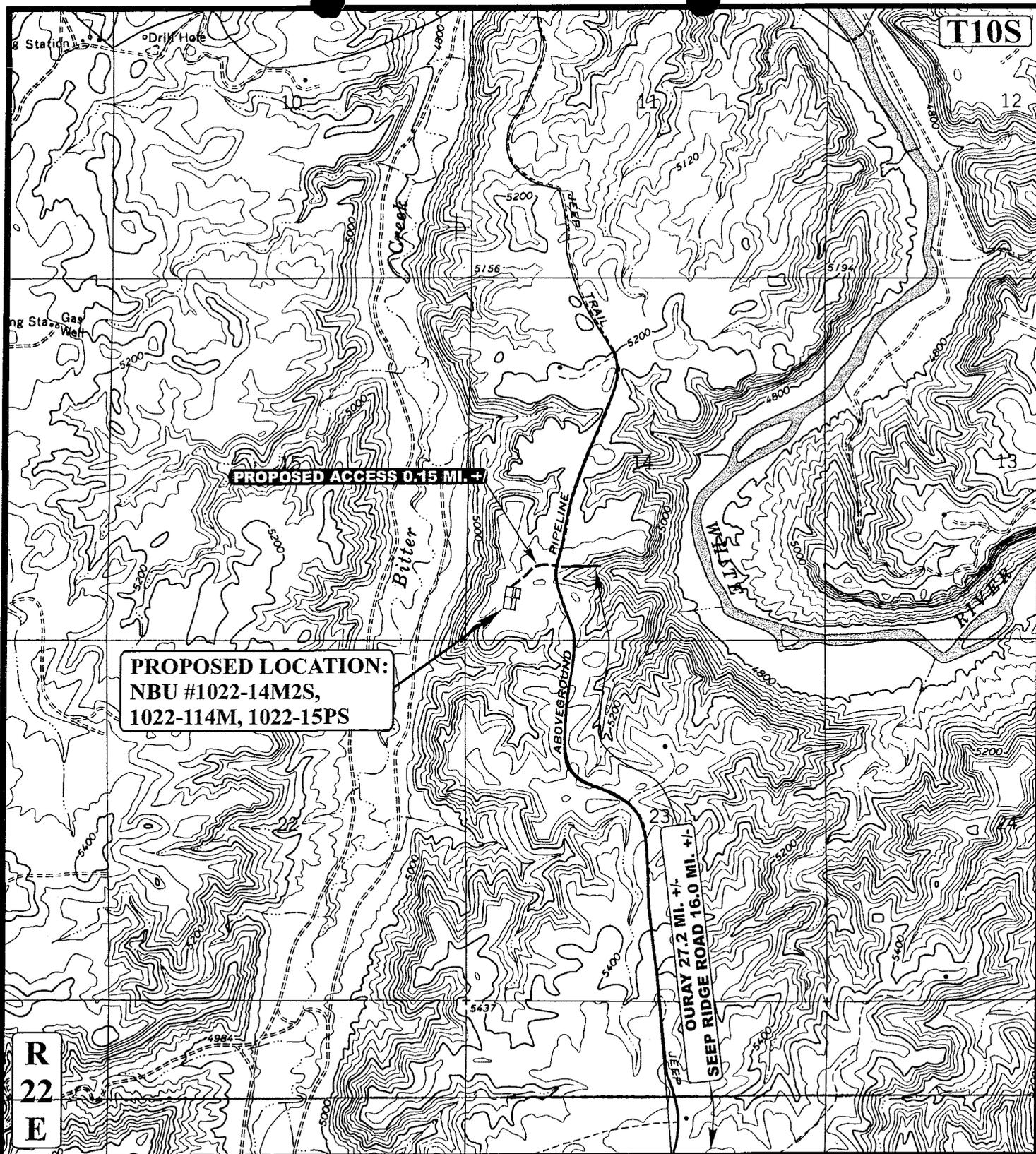
UES Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP

01	05	05
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 01-27-06

A
1010



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

**NBU #1022-14M2S, 1022-14M, 1022-15PS
SECTION 14, T10S, R22E, S.L.B.&M.
SW 1/4 SW 1/4**



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

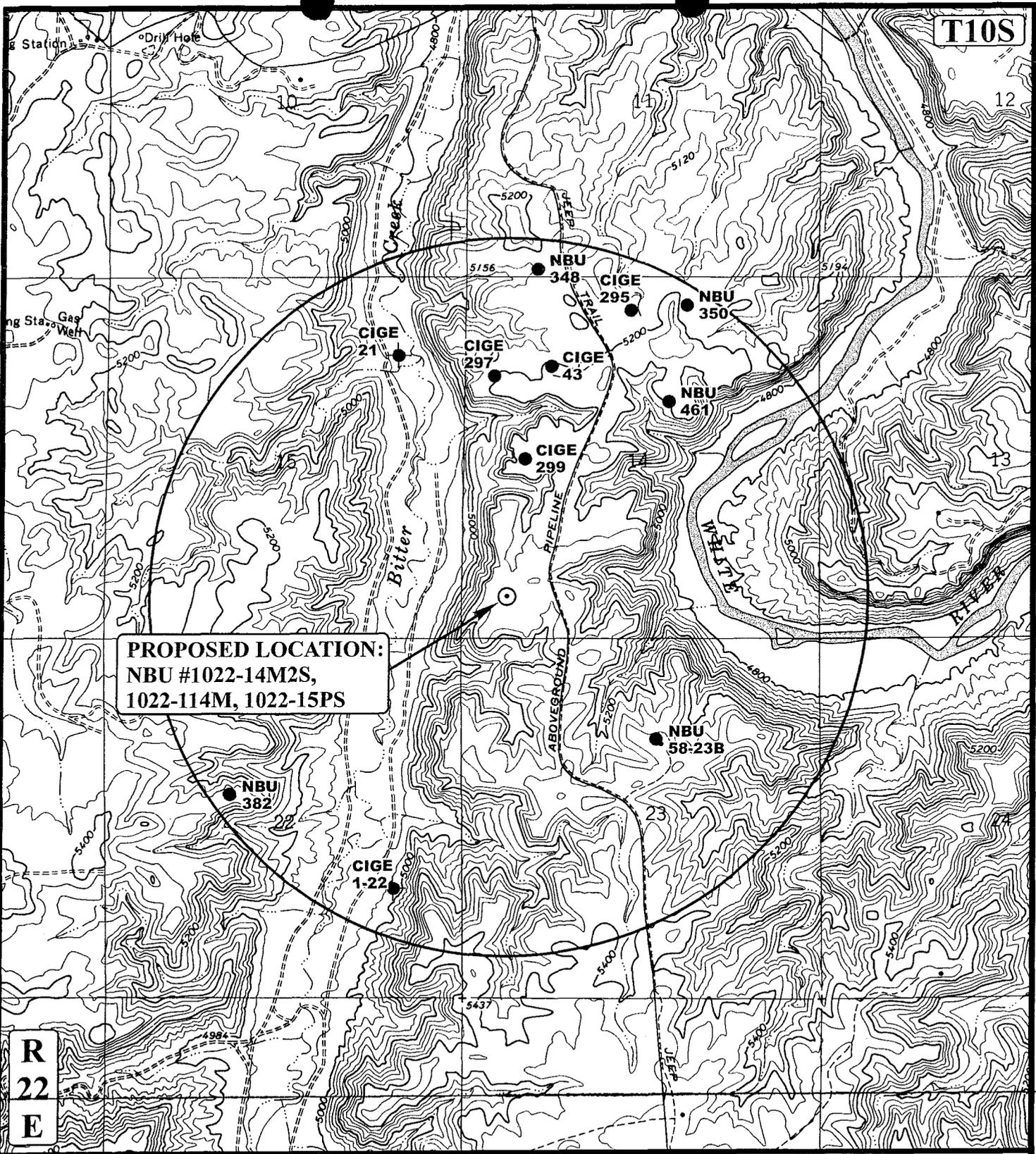
**TOPOGRAPHIC
MAP**

01	05	05
MONTH	DAY	YEAR



SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 01-27-06

T10S



PROPOSED LOCATION:
 NBU #1022-14M2S,
 1022-114M, 1022-15PS

R
22
E

LEGEND:

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

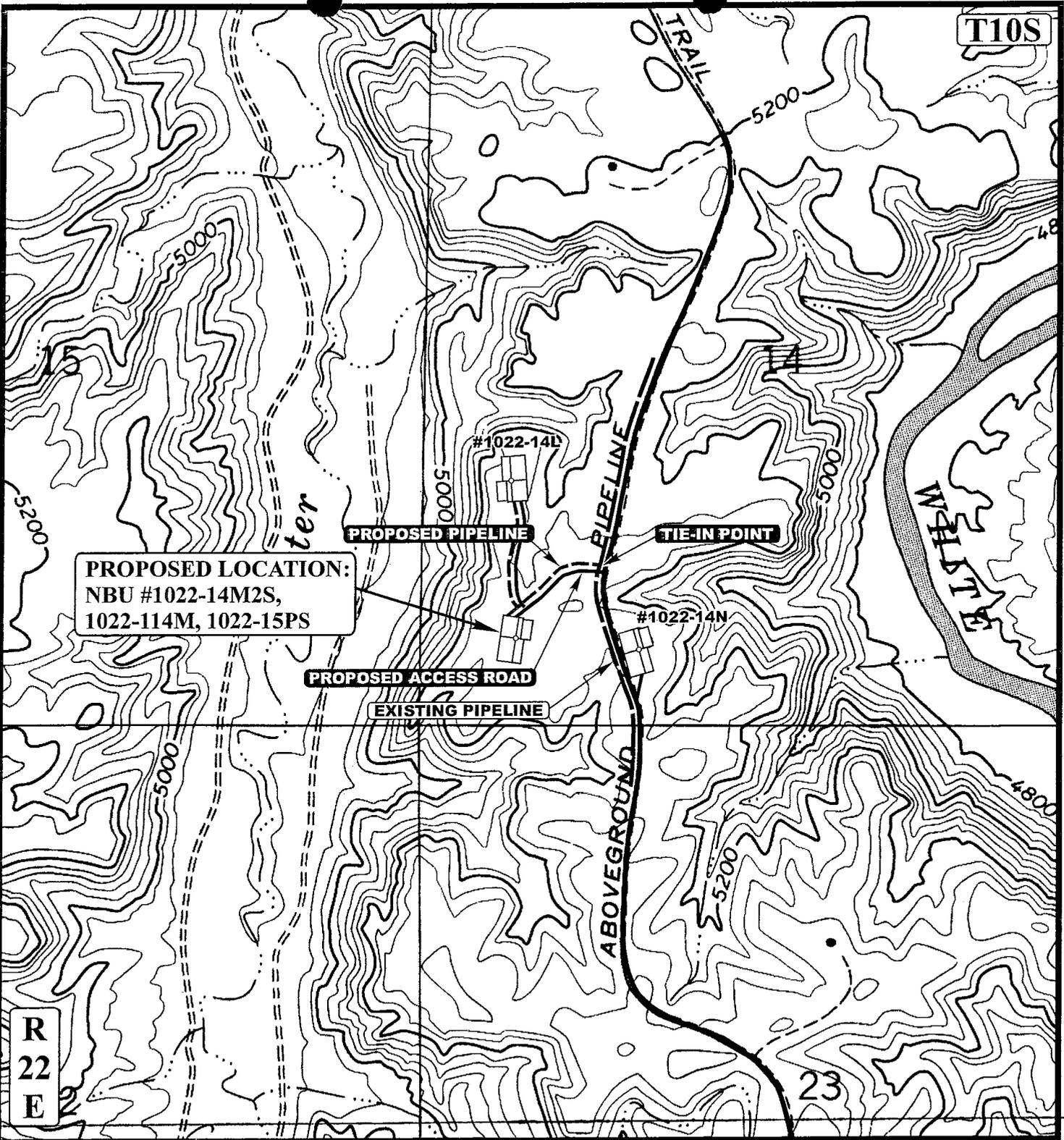
UEIS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-14M2S, 1022-14M, 1022-15PS
 SECTION 14, T10S, R22E, S.L.B.&M.
 SW 1/4 SW 1/4

TOPOGRAPHIC	01	05	05	C TOPO
MAP	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: L.K.		REVISED: 01-27-06	



APPROXIMATE TOTAL PIPELINE DISTANCE = 790' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - EXISTING PIPELINE
- - - PROPOSED PIPELINE



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-14M2S, 1022-14M, 1022-15PS
SECTION 14, T10S, R22E, S.L.B.&M.
SW 1/4 SW 1/4

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

TOPOGRAPHIC 01 05 05
MAP MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 01-27-06

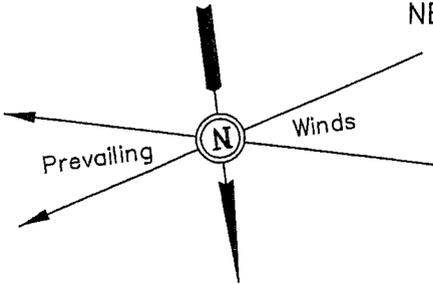
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TOPO

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

NBU #1022-14M2S, #1022-14M, #1022-15PS
SECTION 14, T10S, R22E, S.L.B.&M.
SW 1/4 SW 1/4



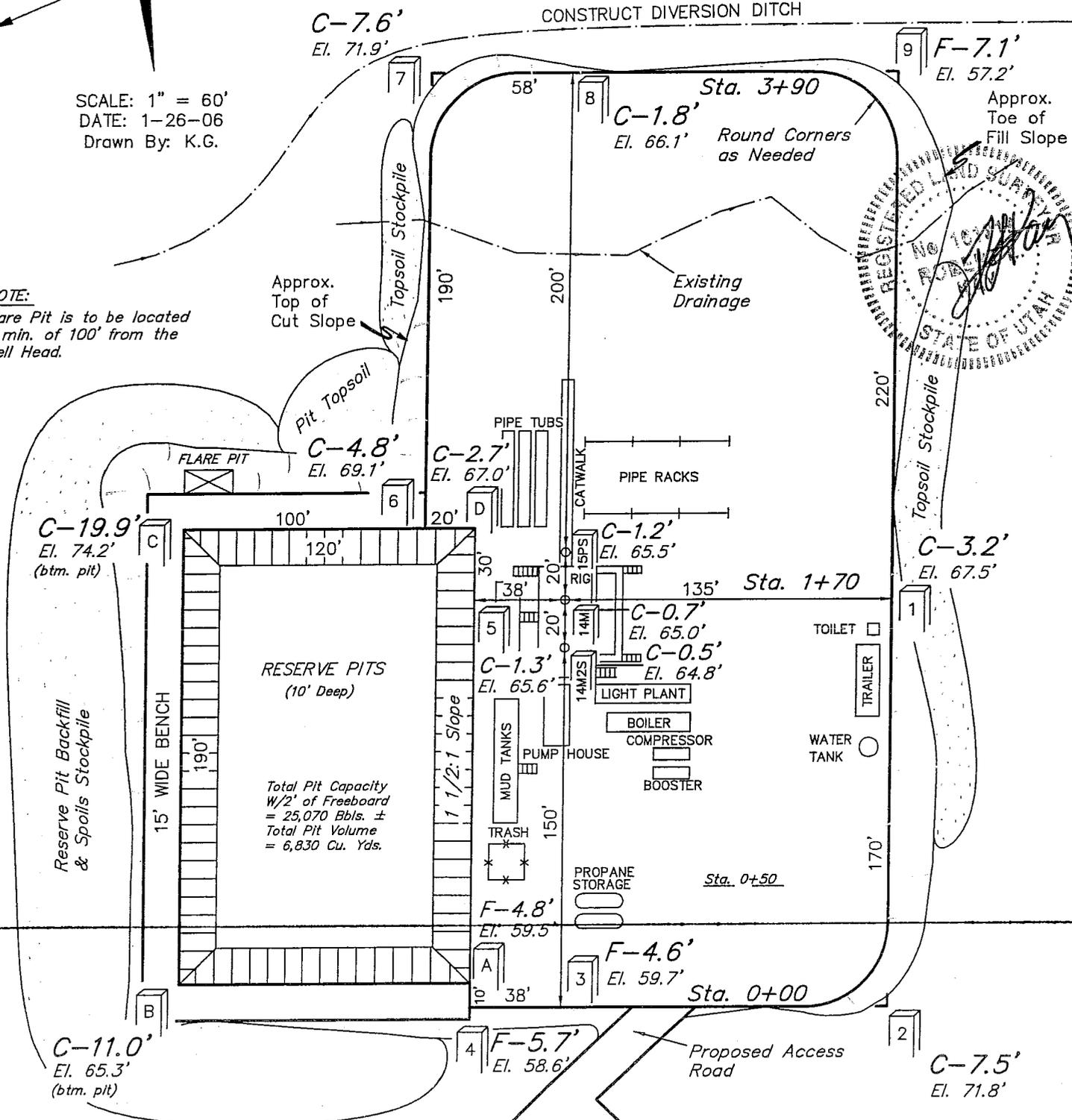
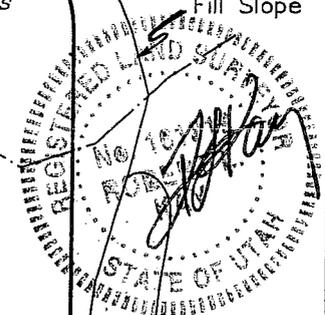
SCALE: 1" = 60'
DATE: 1-26-06
Drawn By: K.G.

CONSTRUCT DIVERSION DITCH

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

Approx.
Top of
Cut Slope

Approx.
Toe of
Fill Slope



RESERVE PITS
(10' Deep)

Total Pit Capacity
W/2' of Freeboard
= 25,070 Bbls. ±
Total Pit Volume
= 6,830 Cu. Yds.

NOTES:

Elev. Ungraded Ground At #1022-14M Loc. Stake = 5265.0'
FINISHED GRADE ELEV. AT #1022-14M LOC. STAKE = 5264.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

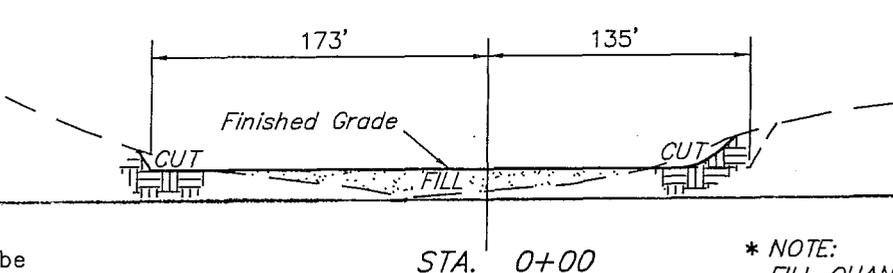
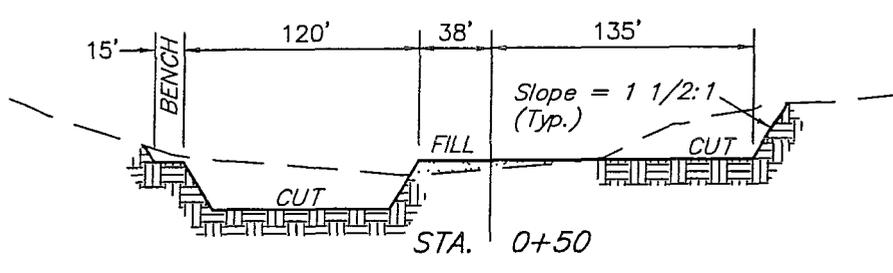
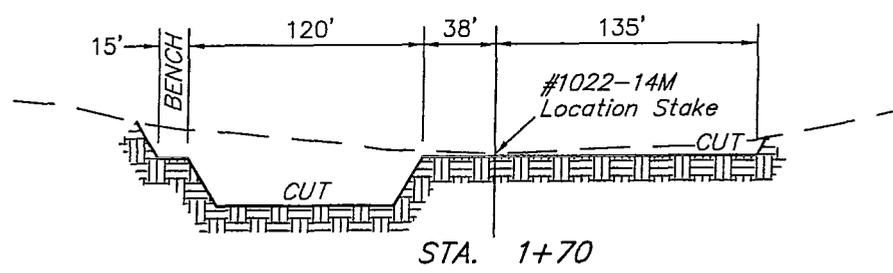
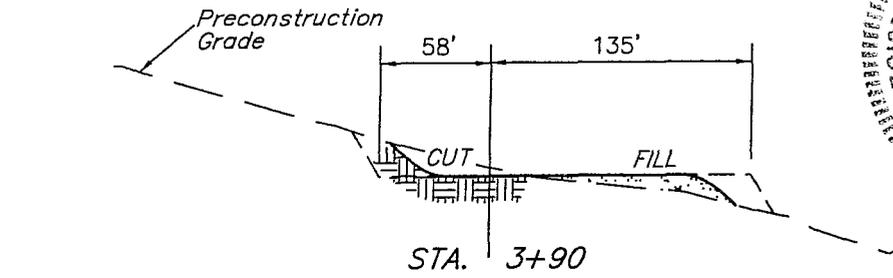
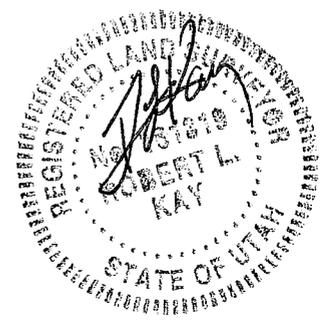
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1022-14M2S, #1022-14M, #1022-15PS
SECTION 14, T10S, R22E, S.L.B.&M.
SW 1/4 SW 1/4

1" = 40'
X-Section Scale
1" = 100'

DATE: 1-26-06
Drawn By: K.G.



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	= 2,150 Cu. Yds.
Remaining Location	= 11,270 Cu. Yds.
TOTAL CUT	= 13,420 CU.YDS.
FILL	= 6,610 CU.YDS.

EXCESS MATERIAL	= 6,810 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,570 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,240 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/08/2006

API NO. ASSIGNED: 43-047-37735

WELL NAME: NBU 1022-15P-S
 OPERATOR: WESTPORT OIL & GAS CO (N2115)
 CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SWSW 14 100S 220E
 SURFACE: 0604 FSL 0686 FWL
 BOTTOM: 0530 FSL 0120 FEL
 COUNTY: UINTAH
 LATITUDE: 39.94330 LONGITUDE: -109.4134
 UTM SURF EASTINGS: 635553 NORTHINGS: 4422459
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-468
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. CO-1203)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS:

See Separate file

STIPULATIONS:

1- Federal Approval
2- OIL SHALE

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)

February 21, 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)		
43-047-37737	NBU 1022-14L2-S	Sec 14 T10S R22E 1733 FSL 0645 FWL
	BHL	Sec 14 T10S R22E 2450 FSL 0170 FWL
43-047-37736	NBU 1022-14M2-S	Sec 14 T10S R22E 0644 FSL 0692 FWL
	BHL	Sec 14 T10S R22E 1275 FSL 0160 FWL
43-047-37735	NBU 1022-15P-S	Sec 14 T10S R22E 0604 FSL 0686 FWL
	BHL	Sec 15 T10S R22E 0530 FSL 0120 FEL
43-047-37741	NBU 1022-23D3-S	Sec 23 T10S R22E 0720 FNL 1128 FWL
	BHL	Sec 23 T10S R22E 0950 FNL 0305 FWL
43-047-37742	NBU 1022-23D2-S	Sec 23 T10S R22E 0720 FNL 1108 FWL
	BHL	Sec 23 T10S R22E 0115 FNL 0510 FWL
43-047-37743	NBU 1022-23E3-S	Sec 23 T10S R22E 1511 FNL 0044 FWL
	BHL	Sec 23 T10S R22E 2235 FNL 0010 FWL
43-047-37744	NBU 1022-22H-S	Sec 23 T10S R22E 1495 FNL 0056 FWL
	BHL	Sec 22 T10S R22E 1570 FNL 0740 FEL

Our records indicate the NBU 1022-14L2-S and the NBU 1022-14M2-S are 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

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:2-21-06



WESTPORT OIL AND GAS COMPANY, L.P.

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-0166 Fax: 435-781-7095

February 22, 2006

Diana Whitney
State of Utah
Department of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11
NBU 1022-15P-S
Surface: ~~SWS~~ Sec 15-T10S-R22E 604' FSL 686' FWL
Bottomhole: SESE Sec 15-T10S-R22E 530' FSL 120' FEL

Dear Diana:

Pursuant to the filing of Westport Oil & Gas Company L.P.'s Application for Permit to Drill regarding the above referenced well on February 3, 2006, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling of Wells.

- Westport's NBU 1022-15P-S is located within the Natural Buttes Unit area.
- Westport is permitting this well as a directional well in order to access portions of our lease which are otherwise inaccessible due to topography.
- Furthermore, Westport hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information Westport requests the permit be granted pursuant to R649-3-11.

If you have any questions, please feel free to contact me at 435-781-7060.

Sincerely,

Debra Domenici
Associate Environmental Analyst



WESTPORT OIL AND GAS COMPANY, L.P.

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-0166 Fax: 435-781-7095

February 22, 2006

Diana Whitney
State of Utah
Department of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Holly Villa
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Dear Diana and Holly:

Pursuant to Diana's request please find enclosed the following documents:

NBU 1022-22H-S- First page for the Drilling Program with corrected footages and Directional drilling letter.

NBU 1022-23E3-S- First page for the Drilling Program with corrected footages and Directional drilling letter.

NBU 1022-14L2-S- First page for the Drilling Program with corrected footages, corrected Page 3 of the Surface Use & Operations Plan removing the statement about the well not being 460' from the unit boundary and Directional drilling letter.

NBU 1022-14M2-S- First page for the Drilling Program with corrected footages and Directional drilling letter.

NBU 920-14M- First page for the Surface Use & Operations Plan with the correct lease number.

NBU 920-200- First page for the Drilling Program and first page for the Surface Use & Operations Plan with the correct lease number.

NBU 920-20P- Cover page with the correct quarter-quarter, first page for the Drilling Program, and first page for the Surface Use & Operations Plan with the correct lease number.

NBU 1022-15P-S- Directional drilling letter.

RECEIVED
FEB 24 2006
DIV. OF OIL, GAS & MINING



WESTPORT OIL AND GAS COMPANY, L.P.

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-0166 Fax: 435-781-7095

NBU 1022-23D2-S- Directional drilling letter.

NBU 1022-23D3-S- Directional drilling letter.

If you have any questions, please feel free to contact me at 435-781-7060.

Sincerely,

Debra Domenici
Associate Environmental Analyst



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

February 28, 2006

Westport Oil & Gas Company LP
1368 South 1200 East
Vernal, UT 84078

Re: Natural Buttes Unit 1022-15P-S Well, Surface Location 604' FSL, 686' FWL,
SW SW, Sec. 14, T. 10 South, R. 22 East, Bottom Location 530' FSL, 120' FEL,
SE SE, Sec. 15, 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.

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 43-047-37735.

Sincerely,

Gil Hunt
Associate Director

pab

Enclosures

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

Operator: Westport Oil & Gas Company LP
Well Name & Number Natural Buttes Unit 1022-15P-S
API Number: 43-047-37735
Lease: UTU-468

Surface Location: SW SW Sec. 14 T. 10 South R. 22 East

Bottom Location: SE SE Sec. 15 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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

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.

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)
SEE ATTACHED

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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 CHANGE OF OPERATOR
	<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.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 10 2006

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) RANDY BAYNE	Title DRILLING MANAGER
Signature <i>Randy Bayne</i>	Date May 9, 2006

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.

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

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)
SEE ATTACHED

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR

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.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician

RECEIVED
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed) BRAD LANEY	Title ENGINEERING SPECIALIST
Signature	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date 5-9-06
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.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

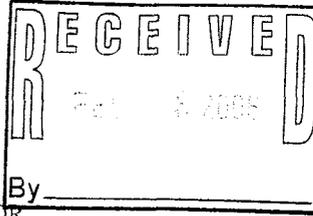
RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERAL

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.
UTU-468
6. If Indian, Allottee or Tribe Name
7. If Unit or CA Agreement, Name and No.
NATURAL BUTTES
8. Lease Name and Well No.
NBU 1022-15P-S

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

9. API Well No.
43-047-37735

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

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

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

At surface SWSW 604' FSL 686' FWL
At proposed prod. Zone SESE SEC 15-T10S-R22E 530' FSL 120' FEL

11. Sec., T., R., M., or Blk. and Survey or Area
SEC 14-T10S-R22E

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

12. County or Parish
UINTAH
13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
644'

16. No. of Acres in lease
320

17. Spacing Unit dedicated to this well
40

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

19. Proposed Depth
8600'

20. BLM/BIA Bond No. on file
CO-1203

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5264.3' GL

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

24. Attachments

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

- 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.

Signature: *Ramey Hoopes*
Name (Printed/Typed): RAMEY HOOPES
Date: 4/17/2006
Title: REGULATORY CLERK

Approved by (Signature): *Jerry Kenczka*
Name (Printed/Typed): JERRY KENCZKA
Date: 7-14-2006
Title: Assistant Field Manager
Office: VERNAL FIELD OFFICE
Mineral Resources

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED
RECEIVED
JUL 25 2006
DIV. OF OIL, GAS & MINING
FOR RECORD ONLY



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. 14, T10S, R22E
Well No: NBU 1022-15P-S **Lease No:** UTU-468
API No: 43-047-37735 **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
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:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
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 SPT) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger SPT) | - 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)**

The lessee/operator is given notice that the project area is within 0.5 miles of Mexican Spotted Owl habitat. With this occurrence, no surface occupancy will be allowed until after the first season of surveys is completed. If no owls are detected after the first season of surveys, then construction and drilling may begin outside of the timing restriction March 15-June 15. The second season of surveys will still be required for these buffer areas.

The project area is within 0.5 miles of an unknown nest but is not in line-of site. With this occurrence there will be a time restriction to protect the raptor species nesting season from February 1-July 15. This notice may be waived, accepted, or modified by a qualified wildlife biologist if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. The operator shall submit in such a request to the AO in writing. The exception request will be reviewed by the AO and a determination made.

The operator has agreed to have a double layer of liner and felt for the pit to avoid excessive contamination.

The following interim seed mixture shall be used:

Type	lbs./acre
Needle and Thread grass <i>Stipa comata</i>	4
Crested Wheat grass <i>Agropyron cristatum</i>	4
Indian Rice grass <i>Stipa hymenoides</i>	4
** Seed shall be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.	

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.

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. The seed mixture for final reclamation will be determined at that time.

Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

All well facilities will be painted Carlsbad Canyon.

Do not construct a diversion ditch, instead just dip the blade. See COAs for NBU 1022-14M.

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. A surface casing shoe integrity test shall be performed.

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) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will 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 must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must 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.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must 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 must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must 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, will 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 must 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.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will 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, will 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) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all 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. The cement bond log must be submitted in raster format (TIF, PDF other).

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will 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.

10. Oil and gas meters will 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 will 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.

11. 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.
12. This APD is approved subject to the requirement that, shall 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 ($\frac{1}{4}$ 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.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. 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, will 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.
15. 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.

16. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE LP

Well Name: NBU 1022-15P-S

Api No: 43-047-37735 Lease Type: FEDERAL

Section 14 Township 10S Range 22E County UINTAH

Drilling Contractor PETE MARTIN RIG # BUCKET

SPUDDED:

Date 09/15/06

Time 6:00 PM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 781-7060

Date 09/19/06 Signed CHD

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

SURFACE = 514 TDS RAZE

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737735	NBU 1022-15P-S <i>Bottom</i>		SESE	15	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	9/15/2006		<i>9/21/06</i>		
Comments: <i>MIRU PETE MARTIN BUCKET RIG. WSTMVD</i> SPUD WELL LOCATION ON 09/15/2006 AT 1800 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736392	NBU 921-33G		SWNE	33	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	9/16/2006		<i>9/21/06</i>		
Comments: <i>MIRU PETE MARTIN BUCKET RIG. WSTMVD</i> SPUD WELL LOCATION ON 09/16/2006 AT 1100 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736414	STATE 1021-36J		NWSE	36	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	99999	<i>15651</i>	9/14/2006		<i>9/21/06</i>		
Comments: <i>MIRU ROCKY MTN BUCKET RIG. WSTMVD</i> SPUD WELL LOCATION ON 09/14/2006 AT 1330 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)

(5/2000) To: BARLENE Russell From: Sheila Upchego
 Co./Dept: UDOGM Co. KMG
 Phone: (801) 539-5336 Phone: (435) 781-7024
 Fax #: (801) 359-3940 Fax: (435) 781-7094

SHEILA UPCHEGO

Name: *Sheila Upchego*
 Signature: *Sheila Upchego*
 REGULATORY ANALYST 9/20/2008
 Title: _____ Date: _____

RECEIVED
 SEP 20 2006
 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-468

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 1022-15P-S

9. API Well No.
4304737735

10. Field and Pool, or Exploratory Area
NATURAL BUTTES UNIT

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)

**SURFACE: SWSW SEC. 14, T10S, R22E 604'FSL, 686'FWL
 BOTTOM: SESE SEC. 15, T10S, R22E 530'FSL, 120'FEL**

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

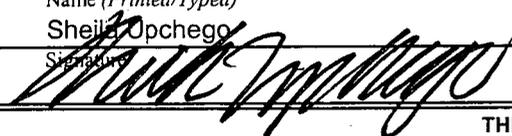
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/>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

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 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 09/15/2006 AT 1800 HRS.

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

Name (Printed/Typed) Sheila Opchego	Title Regulatory Analyst
Signature 	Date September 20, 2006

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.

OCT 11 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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)
**SURFACE: SWSW SEC. 14, T10S, R22E 604'FSL, 686'FWL
BOTTOM: SESE SEC. 15, T10S, R22E 530'FSL, 120'FEL**

5. Lease Serial No.
UTU-468

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 1022-15P-S

9. API Well No.
4304737735

10. Field and Pool, or Exploratory Area
NATURAL BUTTES UNIT

11. County or Parish, State
UINTAH COUNTY, UTAH

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 FINAL DRILLING OPERATIONS
	<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.

FINISHED DRILLING FROM 2370' TO 8530' ON 11/15/2006. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/324 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1230 SX 50/50 POZ @14.3 PPG 1.31 YIELD.

RELEASED ENSIGN RIG #12 ON 11/16/2006 AT 6:00 AM.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date November 17, 2006

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)

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NOV 20 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-468

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 1022-15P-S

9. API Well No.
4304737735

10. Field and Pool, or Exploratory Area
NATURAL BUTTES UNIT

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)
**SURFACE: SWSW SEC. 14, T10S, R22E 604'FSL, 686'FWL
BOTTOM: SESE SEC. 15, T10S, R22E 530'FSL, 120'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	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	START-UP	
	<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 SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 12/24/2006 AT 10:00 AM.

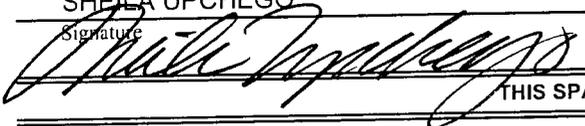
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Signature



Title

SENIOR LAND ADMIN SPECIALIST

Date

January 4, 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.

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)

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JAN 11 2007

DIV. OF OIL, GAS & MINING



Anadarko Petroleum Corporation
 1368 S. 1200 East
 Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-15PS
 SESE, SEC. 15, T10S, R22E
 UINTAH COUNTY, UT

BUILD LOCATION: AFE# 806073D

DATE	Activity	Status
09/05/06	Build Location, 35% complete	Caza 12
09/06/06	Build Location, 45% complete	Caza 12
09/07/06	Build Location, 45% complete	Caza 12
09/08/06	Build Location, 45% complete	Caza 12 DRLG
09/11/06	Build Location, 45% complete	Caza 12 DRLG
09/12/06	Build Location, 55% complete	Caza 12
09/13/06	Build Location, 65% complete	Caza 12
09/14/06	Build Location, 85% complete	Caza 12
09/15/06	2333' @ 9 5/8 SET CONDUCTOR	Caza 12
09/17/06	AIR RIG SPUD	Caza 12
11/06/06	TD: 2370' Csg. 9 5/8" @ 2335' MW: 8.4 SD: 11/XX/06 DSS: 0 Skid rig on 11/5/06. RURT. NU and test BOPE @ report time.	
11/07/06	TD: 2783' Csg. 9 5/8" @ 2335' MW: 8.4 SD: 11/6/06 DSS: 1 Finish testing BOPE. PU directional tools and BHA and drill FE. Rotate and slide from 2370'-2783'. DA @ report time.	
11/08/06	TD: 3570' Csg. 9 5/8" @ 2335' MW: 8.4 SD: 11/6/06 DSS: 2 Rotate and slide from 2783'-3570'. DA @ report time.	
11/09/06	TD: 4210' Csg. 9 5/8" @ 2335' MW: 8.7 SD: 11/6/06 DSS: 3 Rotate and slide from 3570'-3835'. TFNB and BHA. Rotate and slide to 4210'. DA @ report time.	
11/10/06	TD: 4960' Csg. 9 5/8" @ 2335' MW: 9.1 SD: 11/7/06 DSS: 3 Rotate and slide from 4210'-4960'. DA @ report time.	

11/13/06 TD: 7640' Csg. 9 5/8"@ 2335' MW: 10.3 SD: 11/7/06 DSS: 6
 Rotate and slide from 4960'-6365'. TFNB and MM. Lay down directional tools. Drill from 6365'-7640'. DA @ report time.

11/14/06 TD: 8031' Csg. 9 5/8"@ 2335' MW: 10.6 SD: 11/7/06 DSS: 7
 Drill from 7640'-7980'. TFNB. Drill to 8031'. DA @ report time.

11/15/06 TD: 8530' Csg. 9 5/8"@ 2335' MW: 11.1 SD: 11/7/06 DSS: 9
 Drill from 8031'-8530' TD. CCH and short trip 10 stds. CCH for casing. Start laying down drill string @ report time.

11/16/06 TD: 8530' Csg. 9 5/8"@ 2335' MW: 11.1 SD: 11/7/06 DSS: 9
 LDDP. RU and run csg. At 7866' casing became stuck. Work casing w/ no success. CCH and cmt. Set slips, ND, and cut csg. Clean pits @ report time.

11/17/06 TD: 8530' Csg. 9 5/8"@ 2335' MW: 11.1 SD: 11/7/06 DSS: 10
 Released rig @ 0600 hrs on 11/16/06. RDRT. Starting rig move to NBU 922-34M @ report time.

12/04/06 **MIRU**
 Remarks: DAY #1, HSM REVIEW JSA # 1-2-5, 7:00 ROAD RIG FROM NBU 922-32K-2 TO NBU 1022-15P-S, WAIT ON ROUSTABOUTS TO LEVEL & CLEAN LOC. N/D WELL HEAD, N/U FRAC VALVES PRESSURE TEST VALVES & CSG TO 7,500# GOOD TEST, SPOT EQUIP, ROSSMIRU, N/D FRAC VALVES, N/U BOPS R/U TBG EQUIP, GET READY TO P/U 2-3/8 L-80 TBG IN A.M. 5:00 SWI, SDFN.

12/05/06 **P/U tbg**
 Remarks : DAY #2 HSM REVIEW JSA #2 [PICKING UP TBG]. 7:00 OPEN UP WELL P/U 3-7/8 ROCK BIT, MUDD MOTOR, BEGIN P/U 2-3/8 L-80 TBG, RIH TAG W/ 3' IN ON JNT #250, [7816'] P/U PWR SWVL BRK CONV CIRC W/ 700# @ 1.5 BPM, FELL THROUGH @ 7886' DID NOT SEE ANY PRESSURE INCREASE C/O TO 8284' DID NOT HIT ANYTHING CIRC HOLE CLEAN POOH W/ 10 STNDS SWIFN. DRAINED EQUIP 6:00.

12/06/06 Days On Completion: 3
 Remarks:DAY #3, HSM REVIEW JSA # 6

 7:00 CHECK PRESSURES 0# SICP, 0# SITP, POOH L/D 264 TOTAL JNTS 2-3/8 L-80 TBG, MUDD MOTOR, 3-7/8 BIT.R/D TBG EQUIP, N/D BOPS, N/U FRAC VALVES SWI. R/D PUMP EQUIP CLEANED LOC R/D DOUBLE HOOK. 5:00

12/11/06 **FRAC**
 Days On Completion: 1
 Remarks: 7:00 AM. HSM. MIRU CUTTERS & SCHLUMBERGER TO PERFORATE & FRAC. PRESSURE TEST PUMPS & LINES TO 8,550 PSI. OPEN HOLE 8,100' - 8,150'. STG 1) WHP 164 PSI, BRK DWN PERF'S @ 2,442 PSI, @ 5.2 BPM, ISIP 2,181 PSI, FG .70 PMP 100 BBLs @ 50.7 BPM @ 4,700 PSI, MP 6,284 PSI, MR 50.7 BPM, AP 3,652 PSI, AR 46.7 BPM, ISIP 2,632 PSI, FG .76, NPI 451 PSI, PMP 1,903 BBLs SLICK WATER & 71,000 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND. PRESSURE TEST LINES.

STG 2) RIH W/3 3/8" EXP GNS, 23 GRM, .36 HOLES 90 & 120 DEG PHASING. SET 8K BAKER CBP @ 7,645' & PERFORATE 7,612' - 15' 3 SPF, 7,558' - 63' 4 SPF, 7,390' - 94' 4 SPF, 45 HOLES. WHP 475 PSI, BRK DWN PERF'S @ 3,255 PSI, @ 5.2 BPM, ISIP 2,035 PSI, FG .70, PMP 100 BBLs @ 50.4 BPM @ 4,000 PSI = 45 OF 45 HOLES OPEN. MP 4,247 PSI, MR 50.5 BPM, AP 3,552 PSI, AR 47.8 BPM, ISIP 2,383 PSI, FG .75, NPI 348 PSI, PMP 2,055 BBLs SLICK WATER & 83,000 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND. SWI, SDFN.

12/12/06

FRAC

Days On Completion: 2
Remarks: 7:00 AM. HSM.

STG 3) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 7,139', & PERF 7,106' - 09' 4 SPF, 6,852' - 55' 4 SPF, 6,828' - 32' 4 SPF, 6,764' - 65' 4 SPF, 44 HOLES. WHP 130 PSI, BRK DWN PERF'S @ 3,236 PSI, @ 5.3 BPM, ISIP 2,076 PSI, FG .73, PMP 100 BBLs @ 52.0 BPM @ 4,300 PSI = 44 OF 44 HOLES OPEN. MP 4,431 PSI, MR 52.2 BPM, AP 3,928 PSI, AR 49.7 BPM, ISIP 2,471 PSI, FG .79, NPI 395 PSI, PMP 1,528 BBLs SLICK WATER & 60,000 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 4) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 5,525', & PERF 5,485' - 5,495' 4 SPF, 40 HOLES. WHP 130 PSI, BRK DWN PERF'S @ 3,236 PSI, @ 5.3 BPM, ISIP 2,076 PSI, FG .73. PMP 100 BBLs @ 52.0 BPM @ 4,300 PSI = 40 OF 40 HOLES OPEN. MP 3,502 PSI, MR 52.4 BPM, AP 2,774 PSI, AR 49.8 BPM, ISIP 1,832 PSI, FG .77, NPI 928 PSI, PMP 557 BBLs SLICK WATER & 19,200 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 5) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 5,064', & PERF 5,031' - 34' 4 SPF, 4,891' - 98 40 HOLES. WHP 362 PSI, BRK DWN PERF'S @ 2,383 PSI, @ 5.3 BPM, ISIP 950 PSI, FG .63, PMP 100 BBLs @ 49.3 BPM @ 2,755 PSI = 40 OF 40 HOLES OPEN. MP 2,818 PSI, MR 49.9 BPM, AP 2,363 PSI, AR 47.9 BPM, ISIP 1,372 PSI, FG .71, NPI 1,372 PSI, PMP 599 BBLs SLICK WATER & 21,900 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 6) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. SET 8K BAKER CBP @ 4,834', & PERF 4,780' - 84' 4 SPF, 4,756' - 59 3 SPF, 4,666' - 71' 4 SPF 45 HOLES. SWI, SDFN.

12/13/06

FRAC

Days On Completion: 3
Remarks: 7:00 AM. HSM. PRESSURE TEST LINES

STG 6) WHP 300 PSI, BRK DWN PERF'S @ 1,200 PSI, @ 5.3 BPM, ISIP 856 PSI, FG .61 PMP 100 BBLs @ 52.4 BPM @ 2,900 PSI = 43 OF 45 HOLES OPEN MP 3142 PSI, MR 52.7 BPM, AP 2,836 PSI, AR 49.9 BPM, ISIP 1,620 PSI, FG .78 NPI 764 PSI, PMP 1,769 BBLs SLICK WATER & 67,420 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND KILL PLUG) SET 8K BAKER CBP @ 4,620'SWI

12/21/06

RUN TBG

Days On Completion: 11
Remarks: 1:00 P.M.
R/U RIG. NDWH. NUBOPE. PREP & TALLY 285 JTS 2 3/8" L-80 8RD TBG. P/U 3 7/8" SMITH BIT, POBS & RIH P/U TBG OFF TRAILER.

12/22/06

DRILL CBP'S

Days On Completion: 12

Remarks : 7:00 A.M. HSM
 R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC & RIH. TAG KILL PLUG @ 4620'.
 DRL UP KILL PLUG IN 8 MIN. (200# PSI INC). CONT TO RIH. TAG FILL @ 4804'. (30' FILL).
 C/O TO 2ND CBP @ 4834'.
 DRL UP 2ND CBP IN 10 MIN. (100# PSI INC). CONT TO RIH. TAG FILL @ 5034'. (30' FILL).
 C/O TO 3RD CBP @ 5064'.
 DRL UP 3RD CBP IN 12 MIN. (200# PSI INC). CONT TO RIH. TAG FILL @ 5495'. (30' FILL).
 C/O TO 4TH CBP @ 5525'.
 DRL UP 4TH CBP IN 18 MIN. (300# PSI INC). CONT TO RIH. TAG FILL @ 7106'. (30' FILL).
 C/O TO 5TH CBP @ 7136'.
 DRL UP 5TH CBP IN 12 MIN. (500# PSI INC). CONT TO RIH. TAG FILL @ 7614' (30' FILL).
 C/O TO 6TH CBP @ 7644'.
 DRL UP 6TH CBP IN 10 MIN. (1000# PSI INC). CONT TO RIH TO 7870'. (5' BELOW FLOAT
 SHOE). CIRC WELL CLEAN. POOH L/D 22 JTS ON TRAILER. LUBRICATE TBG HANGER
 INTO WELL. LAND TBG W/ EOT @ 7225#. NDBOP. NUWH. DROP BALL. PMP OFF THE
 BIT SUB @ 1200#. R/U FLOW BACK EQUIP. TURN OVER TO FLOW BACK CREW. RIG
 DWN. PREP TO MOVE.
 SICP 850#
 FTP 50#
 OPEN CHOKE
 JTS ON LOC 285 JTS
 JTS IN WELL 228 JTS
 JTS LEFT ON TRAILER 57 JTS

- 12/24/06 **WELL WENT ON SALES:** @ 10:00 A.M., TBG 1000/2050, CSG 2050, 20/64 CK, 40 BBLS/HR
 WTR, MCF 660
FLOW BACK REPORT: CP: 2000#, TP: 825#, 40 BWPH, 20/64 CHK, TTL BBLS FLWD: 960,
 TODAYS LTR: 4721 BBLS, TTL LOAD REC'D: 1890 BBLS.
ON SALES: 741 MCF, 0 BC, 540 BW, TP: 1375#, CP: 1925#, 20/64 CHK, 18 HRS, LP: 494#.
- 12/25/06 **FLOW BACK REPORT:** CP: 1925#, TP: 1375#, 30 BWPH, 20/64 CHK, TTL BBLS FLWD: 775,
 TODAYS LTR: 3946 BBLS, TTL LOAD REC'D: 2665 BBLS.
ON SALES: 1830 MCF, 0 BC, 600 BW, TP: 1200#, CP: 1925#, 20/64 CHK, 24 HRS, LP: 476#.
- 12/26/06 **FLOW BACK REPORT:** CP: 1925#, TP: 1200#, 25 BWPH, 20/64 CHK, TTL BBLS FLWD: 600,
 TODAYS LTR: 3346 BBLS, TTL LOAD REC'D: 3265 BBLS.
ON SALES: 2129 MCF, 0 BC, 528 BW, TP: 1250#, CP: 1900#, 20/64 CHK, 24 HRS, LP: 486#.
- 12/27/06 **FLOW BACK REPORT:** CP: 1900#, TP: 1250#, 22 BWPH, 20/64 CHK, TTL BBLS FLWD: 528,
 TODAYS LTR: 2818 BBLS, TTL LOAD REC'D: 3793 BBLS.
ON SALES: 2384 MCF, 0 BC, 480 BW, TP: 1325#, CP: 1875#, 20/64 CHK, 24 HRS, LP: 475#.
- 12/28/06 **FLOW BACK REPORT:** CP: 1875#, TP: 1325#, 20 BWPH, 20/64 CHK, TTL BBLS FLWD: 480,
 TODAYS LTR: 2338 BBLS, TTL LOAD REC'D: 4273 BBLS.
ON SALES: 2886 MCF, 0 BC, 360 BW, TP: 1600#, CP: 1850#, 20/64 CHK, 24 HRS, LP: 479#.
- 12/29/06 **FLOW BACK REPORT:** CP: 1850#, TP: 1375#, 15 BWPH, 20/64 CHK, TTL BBLS FLWD: 420,
 TODAYS LTR: 3853 BBLS, TTL LOAD REC'D: 4693 BBLS.
ON SALES: 2886 MCF, 0 BC, 360 BW, TP: 1600#, CP: 1850#, 20/64 CHK, 24 HRS, LP: 479#.
- 12/30/06 **FLOW BACK REPORT:** CP: 1850#, TP: 1600#, 10 BWPH, 20/64 CHK, TTL BBLS FLWD: 240,
 TODAYS LTR: 3613 BBLS, TTL LOAD REC'D: 4933 BBLS.
ON SALES: 2886 MCF, 0 BC, 360 BW, TP: 1600#, CP: 1850#, 20/64 CHK, 24 HRS, LP: 479#.
- 12/31/06 **ON SALES:** 3517 MCF, 0 BC, 340 BW, TP: 1503#, CP: 1932#, 20/64 CHK, 24 HRS, LP: 508#.

01/01/07 ON SALES: 3522 MCF, 0 BC, 340 BW, TP: 1484#, CP: 1909#, 20/64 CHK, 24 HRS, LP: 502#.

01/02/07 ON SALES: 3519 MCF, 0 BC, 320 BW, TP: 1455#, CP: 1886#, 20/64 CHK, 24 HRS, LP: 478#.

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-468

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

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 1022-15PS

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*
At surface SWSW SEC. 14, T10S, R22E 604'FSL, 686'FWL

9. API Well No.
4304737735

At top prod. interval reported below
At total depth SESE SEC. 15, T10S, R22E ~~530'FSL, 120'FEL~~ **362 FSL 49 FEL**

10. Field and Pool, or Exploratory
NATURAL BUTTES

14. Date Spudded
09/15/06

15. Date T.D. Reached
11/15/06

16. Date Completed
 D & A Ready to Prod.
12/24/06

11. Sec., T., R., M., or Block and Survey or Area SEC 14, T10S, R22E

12. County or Parish UTAH

13. State UTAH
17. Elevations (DF, RKB, RT, GL)*
5264'GL

18. Total Depth: MD 8530'
TVD 8374'

19. Plug Back T.D.: MD 7823'
TVD 7669'

20. Depth Bridge Plug Set: MD
TVD

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

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

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"	32.3#		2370'		740 SX			
7 7/8"	4 1/2"	11.6#		8530'		1554 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"	7226'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	4666'	5495'	4666'-5495'	0.36	125	OPEN
B) MESAVERDE	6764'	8150'	6764'-8150'	0.36	89	OPEN
C)						
D)						

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

Depth Interval	Amount and type of Material
4666'-5495'	PMP 2925 BBLs SLICK H2O & 108,520# 30/50 JORDAN SD
6764'-8150'	PMP 5486 BBLs SLICK H2O & 214,000# 30/50 JORDAN SD

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JAN 22 2007

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
12/24/06	01/01/07	24	→	0	3,522	340			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1484#	Csg. Press. 1909#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	1909#	→	0	3522	340			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
12/24/06	01/01/07	24	→	0	3522	340			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1484#	Csg. Press. 1909#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	1909#	→	0	3522	340			PRODUCING GAS WELL

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

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	4186' 6516'	6516'			

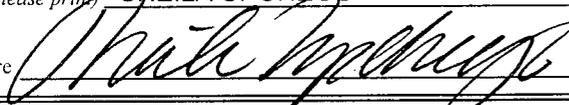
32. Additional remarks (include plugging procedure):

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
- 5. 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 1/18/2007

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.

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-468

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 1022-15P-S

9. API Well No.
4304737735

10. Field and Pool, or Exploratory Area
NATURAL BUTTES UNIT

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)

**SURFACE: SWSW SEC. 14, T10S, R22E 604'FSL, 686'FWL
BOTTOM: SESE SEC. 15, T10S, R22E 530'FSL, 120'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 <u>DIRECTIONAL</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>DRILL SURVEY</u>
	<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 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.

A FINAL DIRECTIONAL DRILL SURVEY WAS PERFORMED AND COMPLETED FOR THE SUBJECT WELL LOCATION.

PLEASE REFER TO THE ATTACHED FINAL DIRECTIONAL DRILL SURVEY.

RECEIVED

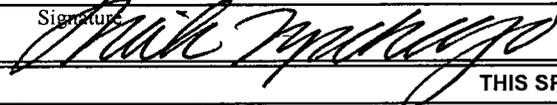
JAN 29 2007

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title
SENIOR LAND ADMIN SPECIALIST

Signature


Date
January 26, 2007

THIS SPACE FOR FEDERAL OR STATE USE

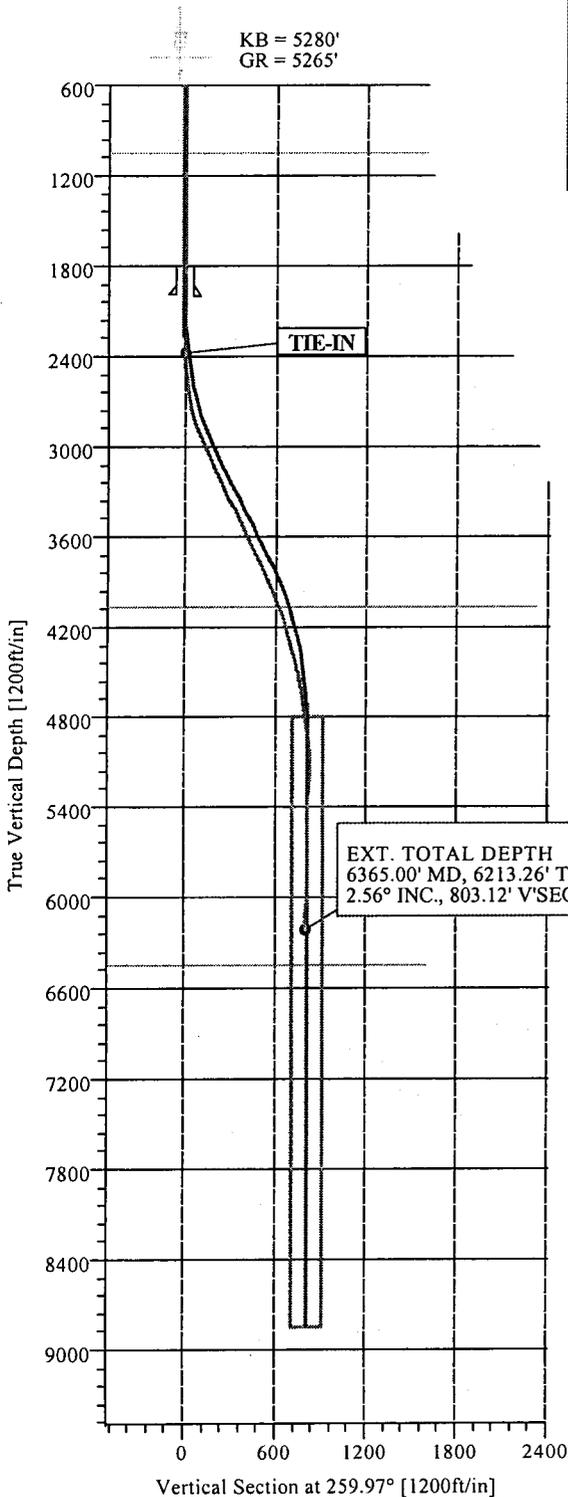
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

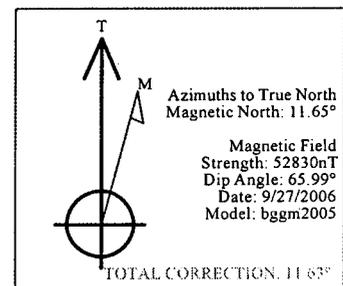
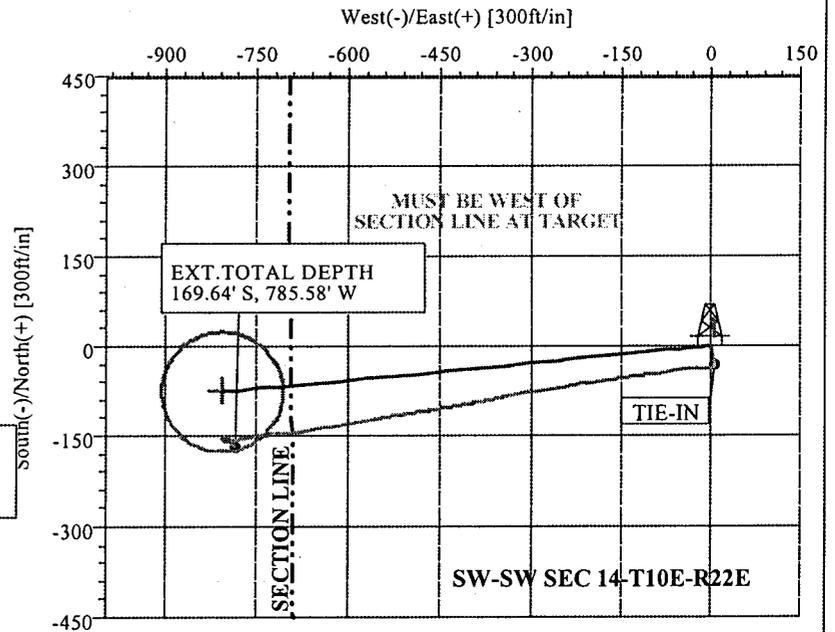
WELL DETAILS							
Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
#1022-15PS	-40.02	-5.63	14510032.40	2084925.81	39°56'35.834N	109°24'50.772W	N/A

SITE DETAILS	
NBU 1022-14M PAD	
Site Centre Latitude:	39°56'36.230N
Longitude:	109°24'50.700W
Ground Level:	5265.00
Positional Uncertainty:	0.00
Convergence:	1.02

FIELD DETAILS	
Unitah County, UT	
Geodetic System:	Universal Transverse Mercator (USfeet)
Ellipsoid:	GRS 1980
Zone:	UTM Zone 12, North 114W to 108W
Magnetic Model:	bggm2005
System Datum:	Mean Sea Level
Local North:	True North



FINAL SURVEYS



WEATHERFORD DRILLING SERVICES

Survey Report

Company: Kerr McGee	Date: 11/17/2006	Time: 09:20:36	Page: 1
Field: Uintah County, UT	Co-ordinate(NE) Reference: Well: #1022-15PS, True North		
Site: NBU 1022-14M PAD	Vertical (TVD) Reference: SITE 5280.0		
Well: #1022-15PS	Section (VS) Reference: Well (0.00N,0.00E,259.97Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Uintah County, UT

Map System: Universal Transverse Mercator (USfeet)	Map Zone: UTM Zone 12, North 114W to 108W
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: bggm2005

Site: NBU 1022-14M PAD

Site Position:	Northing: 14510072.51 ft	Latitude: 39 56 36.230 N	
From: Geographic	Easting: 2084930.72 ft	Longitude: 109 24 50.700 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5265.00 ft		Grid Convergence: 1.02 deg	

Well: #1022-15PS	Slot Name:
Well Position: +N/-S -40.02 ft	Northing: 14510032.40 ft
+E/-W -5.63 ft	Easting: 2084925.81 ft
Position Uncertainty: 0.00 ft	Latitude: 39 56 35.834 N
	Longitude: 109 24 50.772 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 9/27/2006	Above System Datum: Mean Sea Level
Field Strength: 52830 nT	Declination: 11.65 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.99 deg
ft	+N/-S
	ft
0.00	0.00
	0.00
	259.97

Survey: Survey #2	Start Date: 11/16/2006
Company: WEATHERFORD DRILLING SERVICES	Engineer: ROBERT H. SCOTT
Tool: MWD;MWD - Standard	Tied-to: From Surface

Survey: Survey #2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2380.00	1.50	167.88	2379.73	-30.46	6.54	-1.14	0.00	0.00	0.00	TIE-IN
2409.00	1.75	169.88	2408.72	-31.26	6.70	-1.15	0.88	0.86	6.90	MWD
2441.00	2.13	191.50	2440.70	-32.33	6.67	-0.93	2.56	1.19	67.56	MWD
2472.00	2.94	220.01	2471.67	-33.50	6.04	-0.11	4.76	2.61	91.97	MWD
2566.00	6.88	262.13	2565.33	-36.12	-1.09	7.37	5.42	4.19	44.81	MWD
2660.00	10.88	265.76	2658.19	-37.55	-15.52	21.82	4.29	4.26	3.86	MWD
2754.00	14.69	266.01	2749.84	-39.03	-36.27	42.51	4.05	4.05	0.27	MWD
2849.00	17.19	263.51	2841.18	-41.46	-62.24	68.51	2.73	2.63	-2.63	MWD
2943.00	19.25	261.51	2930.46	-45.32	-91.37	97.86	2.29	2.19	-2.13	MWD
3037.00	22.63	262.38	3018.24	-50.01	-124.63	131.43	3.61	3.60	0.93	MWD
3131.00	24.69	261.51	3104.34	-55.30	-161.97	169.13	2.22	2.19	-0.93	MWD
3193.00	26.06	262.01	3160.35	-59.11	-188.27	195.68	2.24	2.21	0.81	MWD
3226.00	26.25	261.88	3189.97	-61.15	-202.67	210.22	0.60	0.58	-0.39	MWD
3321.00	26.13	261.01	3275.22	-67.38	-244.13	252.14	0.42	-0.13	-0.92	MWD
3415.00	26.31	260.88	3359.55	-73.92	-285.14	293.66	0.20	0.19	-0.14	MWD
3478.00	25.75	259.38	3416.16	-78.65	-312.38	321.31	1.37	-0.89	-2.38	MWD
3541.00	25.88	257.13	3472.87	-84.24	-339.24	348.72	1.57	0.21	-3.57	MWD
3666.00	25.81	260.63	3585.38	-94.75	-392.68	403.18	1.22	-0.06	2.80	MWD
3760.00	24.94	259.75	3670.31	-101.60	-432.38	443.46	1.01	-0.93	-0.94	MWD
3861.00	26.88	261.26	3761.15	-108.86	-475.90	487.59	2.03	1.92	1.50	MWD
3956.00	23.88	260.88	3846.97	-115.18	-516.12	528.30	3.16	-3.16	-0.40	MWD
4049.00	22.44	260.01	3932.48	-121.24	-552.19	564.87	1.59	-1.55	-0.94	MWD
4144.00	21.13	260.01	4020.69	-127.36	-586.91	600.13	1.38	-1.38	0.00	MWD
4239.00	19.13	259.88	4109.88	-133.06	-619.11	632.82	2.11	-2.11	-0.14	MWD

WEATHERFORD DRILLING SERVICES

Survey Report

Company: Kerr McGee
 Field: Uintah County, UT
 Site: NBU 1022-14M PAD
 Well: #1022-15PS
 Wellpath: 1

Date: 11/17/2006 Time: 09:20:36 Page: 2
 Co-ordinate(NE) Reference: Well: #1022-15PS, True North
 Vertical (TVD) Reference: SITE 5280.0
 Section (VS) Reference: Well (0.00N,0.00E,259.97Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Survey #2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4331.00	17.69	260.38	4197.17	-138.05	-647.73	661.87	1.57	-1.57	0.54	MWD
4426.00	17.13	261.63	4287.82	-142.49	-675.80	690.29	0.71	-0.59	1.32	MWD
4521.00	14.69	263.88	4379.17	-145.82	-701.62	716.30	2.65	-2.57	2.37	MWD
4616.00	13.13	265.38	4471.39	-147.97	-724.36	739.06	1.69	-1.64	1.58	MWD
4803.00	10.30	261.38	4654.47	-152.19	-762.07	776.92	1.57	-1.51	-2.14	MWD
4898.00	9.13	253.38	4748.12	-155.62	-777.69	792.90	1.88	-1.23	-8.42	MWD
4993.00	6.13	261.51	4842.27	-158.52	-789.93	805.46	3.35	-3.16	8.56	MWD
5087.00	4.19	277.13	4935.89	-158.84	-798.30	813.76	2.53	-2.06	16.62	MWD
5182.00	2.38	273.63	5030.73	-158.28	-803.71	819.00	1.92	-1.91	-3.68	MWD
5276.00	0.63	13.81	5124.70	-157.65	-805.54	820.68	2.73	-1.86	106.57	MWD
5371.00	0.88	44.13	5219.69	-156.62	-804.91	819.88	0.49	0.26	31.92	MWD
5497.00	1.06	59.51	5345.67	-155.34	-803.23	818.01	0.25	0.14	12.21	MWD
5591.00	0.94	67.26	5439.66	-154.60	-801.77	816.44	0.19	-0.13	8.24	MWD
5686.00	1.06	93.88	5534.64	-154.36	-800.17	814.83	0.50	0.13	28.02	MWD
5780.00	1.25	110.51	5628.62	-154.78	-798.34	813.10	0.41	0.20	17.69	MWD
5875.00	1.31	124.13	5723.60	-155.75	-796.47	811.43	0.33	0.06	14.34	MWD
5969.00	1.63	131.63	5817.57	-157.24	-794.59	809.83	0.40	0.34	7.98	MWD
6063.00	1.94	138.63	5911.52	-159.32	-792.53	808.17	0.40	0.33	7.45	MWD
6157.00	2.25	144.38	6005.46	-162.01	-790.41	806.55	0.40	0.33	6.12	MWD
6252.00	2.56	148.51	6100.38	-165.34	-788.21	804.96	0.37	0.33	4.35	MWD
6365.00	2.56	148.51	6213.26	-169.64	-785.58	803.12	0.00	0.00	0.00	EXT. TD

Annotation

MD ft	TVD ft	
2380.00	2379.73	TIE-IN
6365.00	6213.26	EXT. TD

WEATHERFORD DRILLING SERVICES

Survey Report

Company: Kerr McGee	Date: 12/19/2006	Time: 17:00:34	Page: 2
Field: Uintah County, UT	Co-ordinate(NE) Reference: Well: #1022-15PS, True North		
Site: NBU 1022-14M PAD	Vertical (TVD) Reference: SITE 5280.0		
Well: #1022-15PS	Section (VS) Reference: Well (0.00N,0.00E,259.97Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2100.00	0.82	161.47	2099.88	-12.19	3.26	-1.09	0.09	0.03	6.27	Gyro-North Seeking
2172.00	0.95	169.41	2171.87	-13.26	3.53	-1.17	0.25	0.18	11.03	Gyro-North Seeking
2380.00	1.50	167.88	2379.82	-17.62	4.42	-1.28	0.26	0.26	-0.74	WFT
2409.00	1.75	169.88	2408.81	-18.43	4.58	-1.30	0.88	0.86	6.90	MWD
2441.00	2.13	191.50	2440.79	-19.49	4.54	-1.08	2.56	1.19	67.56	MWD
2472.00	2.94	220.01	2471.77	-20.66	3.92	-0.26	4.76	2.61	91.97	MWD
2566.00	6.88	262.13	2565.43	-23.28	-3.21	7.22	5.42	4.19	44.81	MWD
2660.00	10.88	265.76	2658.28	-24.71	-17.64	21.68	4.29	4.26	3.86	MWD
2754.00	14.69	266.01	2749.93	-26.20	-38.39	42.36	4.05	4.05	0.27	MWD
2849.00	17.19	263.51	2841.28	-28.62	-64.36	68.36	2.73	2.63	-2.63	MWD
2943.00	19.25	261.51	2930.56	-32.48	-93.49	97.72	2.29	2.19	-2.13	MWD
3037.00	22.63	262.38	3018.34	-37.17	-126.75	131.28	3.61	3.60	0.93	MWD
3131.00	24.69	261.51	3104.43	-42.46	-164.09	168.98	2.22	2.19	-0.93	MWD
3193.00	26.06	262.01	3160.45	-46.27	-190.39	195.54	2.24	2.21	0.81	MWD
3226.00	26.25	261.88	3190.07	-48.31	-204.79	210.07	0.60	0.58	-0.39	MWD
3321.00	26.13	261.01	3275.32	-54.54	-246.25	251.99	0.42	-0.13	-0.92	MWD
3415.00	26.31	260.88	3359.65	-61.08	-287.27	293.51	0.20	0.19	-0.14	MWD
3478.00	25.75	259.38	3416.26	-65.81	-314.50	321.16	1.37	-0.89	-2.38	MWD
3541.00	25.88	257.13	3472.97	-71.40	-341.36	348.58	1.57	0.21	-3.57	MWD
3666.00	25.81	260.63	3585.47	-81.91	-394.80	403.04	1.22	-0.06	2.80	MWD
3760.00	24.94	259.75	3670.40	-88.76	-434.50	443.32	1.01	-0.93	-0.94	MWD
3861.00	26.88	261.26	3761.25	-96.02	-478.02	487.44	2.03	1.92	1.50	MWD
3956.00	23.88	260.88	3847.07	-102.34	-518.25	528.15	3.16	-3.16	-0.40	MWD
4049.00	22.44	260.01	3932.57	-108.40	-554.31	564.72	1.59	-1.55	-0.94	MWD
4144.00	21.13	260.01	4020.79	-114.52	-589.04	599.98	1.38	-1.38	0.00	MWD
4239.00	19.13	259.88	4109.98	-120.22	-621.23	632.67	2.11	-2.11	-0.14	MWD
4331.00	17.69	260.38	4197.27	-125.21	-649.85	661.72	1.57	-1.57	0.54	MWD
4426.00	17.13	261.63	4287.92	-129.66	-677.92	690.14	0.71	-0.59	1.32	MWD
4521.00	14.69	263.88	4379.27	-132.98	-703.75	716.15	2.65	-2.57	2.37	MWD
4616.00	13.13	265.38	4471.48	-135.13	-726.48	738.91	1.69	-1.64	1.58	MWD
4803.00	10.30	261.38	4654.57	-139.35	-764.19	776.78	1.57	-1.51	-2.14	MWD
4898.00	9.13	253.38	4748.21	-142.78	-779.81	792.76	1.88	-1.23	-8.42	MWD
4993.00	6.13	261.51	4842.36	-145.68	-792.05	805.32	3.35	-3.16	8.56	MWD
5087.00	4.19	277.13	4935.98	-146.00	-800.42	813.62	2.53	-2.06	16.62	MWD
5182.00	2.38	273.63	5030.82	-145.44	-805.83	818.85	1.92	-1.91	-3.68	MWD
5276.00	0.63	13.81	5124.79	-144.82	-807.66	820.54	2.73	-1.86	106.57	MWD
5371.00	0.88	44.13	5219.79	-143.78	-807.03	819.73	0.49	0.26	31.92	MWD
5497.00	1.06	59.51	5345.77	-142.50	-805.35	817.86	0.25	0.14	12.21	MWD
5591.00	0.94	67.26	5439.75	-141.76	-803.89	816.29	0.19	-0.13	8.24	MWD
5686.00	1.06	93.88	5534.74	-141.52	-802.29	814.68	0.50	0.13	28.02	MWD
5780.00	1.25	110.51	5628.72	-141.94	-800.47	812.95	0.41	0.20	17.69	MWD
5875.00	1.31	124.13	5723.70	-142.91	-798.60	811.28	0.33	0.06	14.34	MWD
5969.00	1.63	131.63	5817.67	-144.40	-796.71	809.68	0.40	0.34	7.98	MWD
6063.00	1.94	138.63	5911.62	-146.48	-794.66	808.02	0.40	0.33	7.45	MWD
6157.00	2.25	144.38	6005.56	-149.18	-792.53	806.40	0.40	0.33	6.12	MWD
6252.00	2.56	148.51	6100.47	-152.50	-790.34	804.82	0.37	0.33	4.35	MWD
6300.00	2.41	149.91	6148.43	-154.29	-789.27	804.08	0.34	-0.31	2.92	MULTISHOT
6400.00	2.78	145.62	6248.33	-158.11	-786.85	802.36	0.42	0.37	-4.29	Gyro-North Seeking
6500.00	3.05	148.06	6348.20	-162.37	-784.07	800.36	0.30	0.27	2.44	Gyro-North Seeking
6600.00	3.17	153.87	6448.05	-167.11	-781.44	798.61	0.34	0.12	5.81	Gyro-North Seeking
6700.00	3.32	152.52	6547.89	-172.16	-778.89	796.97	0.17	0.15	-1.35	Gyro-North Seeking
6800.00	3.61	153.30	6647.71	-177.54	-776.14	795.20	0.29	0.29	0.78	Gyro-North Seeking
6900.00	3.48	149.37	6747.52	-182.96	-773.18	793.23	0.28	-0.13	-3.93	Gyro-North Seeking
7000.00	3.63	146.26	6847.32	-188.21	-769.87	790.89	0.24	0.15	-3.11	Gyro-North Seeking

WEATHERFORD DRILLING SERVICES

Survey Report

Company: Kerr McGee
 Field: Uintah County, UT
 Site: NBU 1022-14M PAD
 Well: #1022-15PS
 Wellpath: 1

Date: 12/19/2006 Time: 17:00:34 Page: 3
 Co-ordinate(NE) Reference: Well: #1022-15PS, True North
 Vertical (TVD) Reference: SITE 5280.0
 Section (VS) Reference: Well (0.00N,0.00E,259.97Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7100.00	3.80	148.86	6947.11	-193.68	-766.40	788.42	0.24	0.17	2.60	Gyro-North Seeking
7200.00	2.64	151.10	7046.95	-198.53	-763.58	786.48	1.17	-1.16	2.24	Gyro-North Seeking
7300.00	2.54	152.41	7146.85	-202.51	-761.44	785.07	0.12	-0.10	1.31	Gyro-North Seeking
7400.00	2.04	141.15	7246.77	-205.86	-759.29	783.54	0.67	-0.50	-11.26	Gyro-North Seeking
7500.00	2.23	137.05	7346.70	-208.67	-756.85	781.63	0.24	0.19	-4.10	Gyro-North Seeking
7600.00	2.34	134.10	7446.62	-211.51	-754.06	779.37	0.16	0.11	-2.95	Gyro-North Seeking
7700.00	2.30	144.44	7546.54	-214.57	-751.43	777.31	0.42	-0.04	10.34	Gyro-North Seeking
7775.00	2.23	148.97	7621.48	-217.04	-749.80	776.14	0.26	-0.09	6.04	Gyro-North Seeking
8530.00	2.23	148.97	8375.91	-242.22	-734.66	765.61	0.00	0.00	0.00	EXT. TD

Annotation

MD ft	TVD ft	
100.00	100.00	MULTISHOT
2380.00	2379.82	WFT
6300.00	6148.43	MULTISHOT
8530.00	8375.91	EXT. TD



Weatherford[®]

Drilling Services

Completion



ANADARKO - KERR MCGEE

NBU#1022-15PS

UINTAH COUNTY, UTAH

WELL FILE: **4010172C**

November 17, 2006

Weatherford International, Ltd.
15710 John F. Kennedy Blvd, Ste. 700
Houston, Texas 77032 USA
+1.281.260.1300 Main
+1.281.260.4730 Fax
www.weatherford.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU468

6. If Indian, Allottee or Tribe Name

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

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 L
Contact: SHEILA UPCHEGO
Email: sheila.upchegeo@anadarko.com

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

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

8. Well Name and No.
NBU 1022-15P-S

9. API Well No.
43-047-37735

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
~~Sec 15 T10S R22E SESE 530 FSL 120 FEL~~
SURF: 604 FSL 686 FWL SWSW S-14 T10S R22E

11. County or Parish, and State
UINTAH COUNTY, UT

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 checked="" 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 type="checkbox"/> Other
	<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 Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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.)

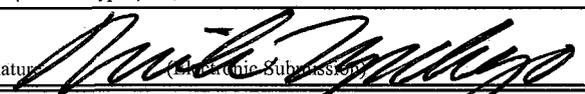
THE OPERATOR HAS PERFORMED THE WATER SHUT-OFF ON THE SUBJECT WELL LOCATION. THE SUBJECT WELL LOCATION IS BACK ON PRODUCTION AS OF 01/23/2009 AT 4:00 PM.

PLEASE REFER TO THE ATTACHED WATER SHUT-OFF CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #67186 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO

Title OPERATIONS

Signature 

Date 02/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 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.

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

FEB 12 2009

ROCKIES

Operation Summary Report

Well: NBU 1022-15PS

Spud Date: 11/7/2006

Project: UTAH

Site: UINTAH

Rig Name No: DOUBLE HOOK/UNK

Event: WORKOVER / REPAIR

Start Date: 1/19/2009

End Date: 1/23/2009

Active Datum: RKB @5,277.99ft (above Mean Sea Level)

UWI: NBU 1022-15PS

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
1/20/2009	7:00 - 7:30	0.50	WO/REP	48		P		JSA- RDSU. RUSU.
	7:30 - 16:00	8.50	WO/REP	30		P		RDSU FROM 1022-14M. MOVE OVER TO NBU 1022-15PS. RUSU. SITP 100, FCP 100. PUMP 7 BBLS DOWN TBG. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. UNLAND TBG FROM 7287'. LUB OUT AND LD 4" 10K HANGER. TBG STUCK-PULLED TO 60K THEN DRUG UP HOLE. EOT 7281'. START N2/FOAM DOWN TBG. PRES TO 1380 PSI AND STEADY. TBG FREED UP AS WORK UP AND DOWN WHILE CIRC N2/FOAM. 1-1/2 HRS TO GET RETURNS. CIRC 1-1/2 HRS. PUMP 10 BBLS DOWN TBG. POOH AS MEAS W/ 88-JTS 2-3/8" L-80 TBG. HAVE 142-JTS IN. EOT AT 4494.67'. DRAIN EQUIP. SDFN.
1/21/2009	7:00 - 7:30	0.50	WO/REP	48		P		PMP 120, RCVR 70.
	7:30 - 15:00	7.50	WO/REP	30		P		JSA- FOAM UNIT SITP 600, SICP 650. RU PLS. RIH W/ 1-11/16" PRODUCTION LOGGING TOOLS. AFTER BELOW TBG AT 4495' OPEN CSG ON 32/64" CHOKE AND RUN LOGS. REMOVE CHOKE AFTER 1st PASS. WELL CONT TO FLOW LIGHTLY. MADE 3-PASSES. POOH W/ TOOLS AND RD PLS. SHUT WELL IN. PMP 0 / 120, RCVR 35 / 105.
1/22/2009	7:00 - 7:30	0.50	WO/REP	48		P		JSA- POOH W/ TBG. WIRELINE WORK.
	7:30 - 17:00	9.50	WO/REP	30		P		SITP 650, SICP 650. OPEN CSG TO FBT. PUMP 10 BBLS DOWN TBG. CONT POOH W/ 142-JTS 2-3/8" L-80 TBG. (TOTAL 230-JTS OUT). CONTROL WELL W/ 50 BBLS AS POOH. LD XN-NIPPLE. TBG HAS SCALE ON OD FROM FOAM UNIT ON PRIOR JOB. ID LOOKS GOOD. ND STRIP HEAD. WL AOL 12:00. RU PLS. RUH W/ 3.67" GR TO 6800'. RUN 4-1/2" CIBP AND SET AT 6700'. RUN AND DUMP BAIL 1-SX CMT (13') ON CIBP. RD PLS. NU STRIP HEAD. SDFN. PMP 110 / 230, RCVR 60 / 165.
1/23/2009	7:00 - 7:30	0.50	WO/REP	48		P		JSA- ICY CONDITIONS. RIH W/ TBG. LD TBG.

ROCKIES

Operation Summary Report

Well: NBU 1022-15PS

Spud Date: 11/7/2006

Project: UTAH

Site: UINTAH

Rig Name No: DOUBLE HOOK/UNK

Event: WORKOVER / REPAIR

Start Date: 1/19/2009

End Date: 1/23/2009

Active Datum: RKB @5,277.99ft (above Mean Sea Level)

UWI: NBU 1022-15PS

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation															
	7:30 - 18:00	10.50	WO/REP	30		P		<p>NOTE- ROADS WERE ICE. LOCATION WAS COVERED IN ICE. SICP 650. OPEN CSG TO FBT. THAW OUT WORK AREAS. MU AND RIH W/ NOTCHED 1.87" XN-NIPPLE ON 2-3/8" L-80 TBG. LD 63-JTS EXCESS TBG. PMP 10 BBLS DOWN TBG AND REMOVE STRING FLOAT. PU 4" 10K HANGER. LAND 167-JTS 2-3/8" L-80 TBG W/ EOT AT 5293.10'. RU SANDLINE AND RUN 1.91" BROACH TO SN. GOOD. RD SANDLINE. RD FLOOR. ND BOP. NU WH. START N2/FOAM DOWN TBG. RDSU. 1:05 TO GET RETURNS. HP 1140 PSI. UNLOAD HOLE. CUT RATE TO 8 GPM. DRY UP WELL. BUILD SICP TO 1000. SHUT DOWN FOAM UNIT. OPEN TBG TO FBT. SICP 650, FTP 200. SHUT WELL IN AND TURN OVER TO PRODUCTION DEPT. SDFN</p> <p>PMP 90 / 320. RCVR 85 / 250, LTR 70.</p> <table border="0"> <tr> <td>TBG DETAIL</td> <td>KB</td> <td>14.00</td> </tr> <tr> <td>4" 10K CAMERON</td> <td></td> <td>.83</td> </tr> <tr> <td>167-JTS 2-3/8" L-80 TBG</td> <td></td> <td>5277.22</td> </tr> <tr> <td>NOTCHED 1.87" XN</td> <td></td> <td>1.05</td> </tr> <tr> <td>EOT</td> <td></td> <td>5293.10</td> </tr> </table>	TBG DETAIL	KB	14.00	4" 10K CAMERON		.83	167-JTS 2-3/8" L-80 TBG		5277.22	NOTCHED 1.87" XN		1.05	EOT		5293.10
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-468	
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	
8. WELL NAME and NUMBER: NBU 1022-15P-S	
9. API NUMBER: 43047377350000	
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 PHONE NUMBER: 720 929-6111	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0604 FSL 0686 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 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"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/2/2014	<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"/> 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 SUBJECT WELL WAS RETURNED TO PRODUCTION ON 3/2/2014
FROM A SHUT-IN.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 25, 2014

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 3/14/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-468
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 1022-15P-S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047377350000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6454
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0604 FSL 0686 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 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: 9/13/2016	<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.

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 1022-15P-S (single) well. Please see the attached procedure for details. Thank you.

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

Date: _____
 By: *Derek Dwyer*
 September 19, 2016

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 9/13/2016	



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 43047377350000

**A 100' cement plug should be placed at the top of the Mesaverde formation from 6700' to 6600'.
Add a 200' cement plug across the base of the Parachute Creek from 2650' to 2450' as required
by Board Cause 190-5(B).**

NBU 1022-15P-S
604' FSL & 686' FWL
SWSW SEC. 14, T10S, R22E
UINTAH UT

KBE: 5278' API NUMBER: 4304737735
GLE: 5264' LEASE NUMBER: UTU01198B
TD: 8530' LAT/LONG: 39.943297/-109.414122
PBSD: 7823'

CASING : 12.25" hole
SURFACE 9.625" 36# J-55 @ 2335'

PRODUCTION 7.875" hole
4.5" 11.6# P-110 @ 7853'
Est. TOC @ 0' CBL

PERFORATIONS: WASATCH-MESAVERDE TOP-BOTTOM 4666'-8150'

TUBING: 2.375" 4.7# L/N-80 tbg at 4934'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# P-110 csg	4	3.875	7580	10690	0.65282	0.08727	0.01554
9.625" 36# J-55 csg	8.921	8.765	2020	3520	3.24699	0.43406	0.07731

Annular Capacities	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" tbg. X 4.5" csg	0.42272	0.05651	0.01006
4.5" csg. X 9.625" csg	2.42077	0.32361	0.05764
4.5" csg X 7.875 borehole	1.70406	0.2278	0.04057

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Top Green River	989'
Top Mahogany	1719'
Base Parachute	0'
Top Wasatch	4186'
Top Mesaverde	6598'

<http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=55737>

BMSW Elevation ~1678' MSL
BMSW Depth ~3600'

NBU 1022-15P-S PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- 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 AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PERTINENT WELL HISTORY:s.n. @ 4947' no w/o since 9/7/10

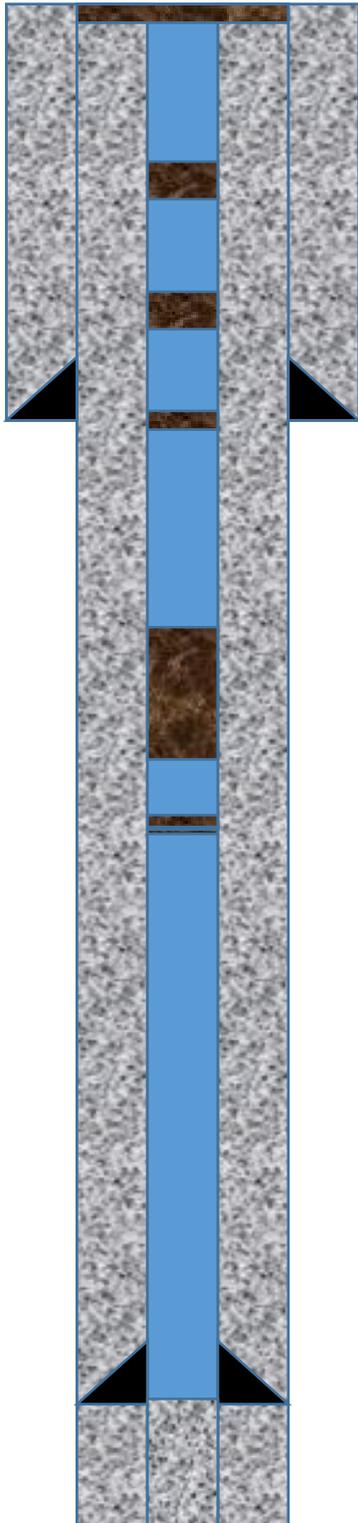
PROCEDURE

Note: Approx. **112 SXS** Class "G" cement needed for procedure & **(1) 4.5" CIBP**

Note: YES GYRO ON RECORD. (IF GYRO NEEDED, A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE).

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE PERFORATIONS (8150'-4666'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~4616', (50' above top perf at 4666'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 4616' to 4511'(8 SXS, 9.16 FT3, 1.64 BBLs).
4. PROTECT WASATCH TOP (4186') & BMSW (3600'): PUH WITH TUBING AND PUMP A MINIMUM OF (735FT) CMT F/ 4236' to 3501' (56 SXS, 64.12 FT3, 11.48 BBLs).
5. PROTECT CASING SHOE (2335'): PUH WITH TUBING AND PUMP A MINIMUM OF (105FT) CMT F/ 2387.5' to 2282.5' (8 SXS, 9.16 FT3, 1.64 BBLs).
6. PROTECT MAHOGANY BASE (1719'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 1824' to 1614' (16 SXS, 18.32 FT3, 3.27 BBLs).
7. PROTECT GREEN RIVER (989'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 1094' to 884' (16 SXS, 18.32 FT3, 3.27 BBLs).
8. PROTECT SURFACE (101'): PUH WITH TUBING AND PUMP A MINIMUM OF (105 FT) CMT F/ 105'-0' (8 SXS, 9.16 FT3, 1.64 BBLs). RUN 1 INCH TUBING DOWN THE PRODUCTION/SURFACE CASING ANNULUS TO AS DEEP AS POSSIBLE AND CEMENT TO SURFACE (CBL INDICATES CEMENT TO SURFACE)
9. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

NBU 1022-15P-S



Total SXS: 112, Total CIBP: 1

- <- Plug for Surface at 0' from 0' to 105' with 8SXS,105ft.
- <- Parachute Base at 0'
- <- TOC at 0'

<- Plug for GreenRiver at 989' from 1094' to 884' with 16SXS,210ft.

<- Plug for Mahogany at 1719' from 1824' to 1614' with 210ft, 16SXS,210ft.

<- Plug for Surface Shoe at 2335' from 2387.5' to 2282.5' with 8SXS,105ft.

<- Plug for BMSW at 3600' and Wasatch Top at 4186' from 4236' to 3501' with 56SXS, 735ft.

<- Wasatch at 4186'

- <- Plug above CIBP at 4616' from 4616' to 4511' with 8SXS,105ft.
- <-CIBP Above Perfs at 4616'
- <-Top Perf at 4666'

<-PBD at 7823'

<- Production Casing Shoe at 7853'

<-TD at 8530'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-468	
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	
8. WELL NAME and NUMBER: NBU 1022-15P-S	
9. API NUMBER: 43047377350000	
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 PHONE NUMBER: 720 929-6456	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0604 FSL 0686 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/7/2016	<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.

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 1022-15P-S well. Please see the operations summary report for details.
 Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 21, 2016

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 10/10/2016	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-15PS

Spud date: 11/7/2006

Project: UTAH-UINTAH

Site: NBU 1022-15PS

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 10/6/2016

End date: 10/7/2016

Active datum: RKB @5,277.99usft (above Mean Sea Level)

UWI: NBU 1022-15PS

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
10/6/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 8:00	0.75	ABANDP	30	A	P		MIRU. SPOT IN ALL EQUIP.
	8:00 - 9:10	1.17	ABANDP	30	F	P		FCP & FTP = 50#. BLOW DOWN WELL TO PRODUCTION TANKS. PUMP 15BBLS TMAC DOWN TBG. PUMP 20BBLS DOWN CSNG. NDWH. UN-LAND TBG (STUCK BUT POPPED FREE). RE-LAND TBG. NUBOP. R/U FLOOR & TBG EQUIP. UN-LAND TBG. RMV HANGER.
	9:10 - 12:30	3.33	ABANDP	31	I	P		MIRU SCANNERS. POOH WHILE SCANNING 156JTS 2-3/8" L-80 TBNG. L/D ALL TBG FOR BETTER INSPECTION. VERY HEAVY SCALE & BADLY CORRODED TBNG. SCAN RESULTS AS FOLLOWS: Y-BND= 104JTS. R-BND= 52JTS. RDMO SCANNERS.
	12:30 - 14:00	1.50	ABANDP	34	I	P		MIRU WIRELINE. P/U & RIH W/ GR-JB FOR 4-1/2" CSNG (GOOD @ 4616'). POOH E-LINE & L/D GR-JB. P/U & RIH W/ 4-1/2" WF CIBP. SET CIBP @ 4616' GOOD. POOH E-LINE. RDMO E-LINE.
	14:00 - 15:30	1.50	ABANDP	31	I	P		P/U & RIH W/ N.C. + 146JTS 2-3/8" J-55 TBNG. T/U ON CIBP @ 4616'. L/D 1JT TBNG. PUH 10'.
	15:30 - 16:00	0.50	ABANDP	31	H	P		BREAK CONV CIRC W/ TMAC. CIRC WELLBORE CLEAN & GAS FREE W/ 75 BBLS TMAC.
	16:00 - 16:30	0.50	ABANDP	52	F			PRESSURE TEST 4-1/2" PRODUCTION CSNG & 4-1/2" CIBP GOOD @ 500#. LOST 5# IN 5MIN. BLEED OFF PRESSURE. SWIFN. SDFN. LOCK RAMS. NOTE: ALLEN WALKER W/ BLM ON LOCATION TO WITNESS P&A. ALLEN APPROVED ALL OF ALL ACTIONS. ALLEN ALSO GAVE PERMISSION TO SKIP THE WASATCH / MESAVERDE ISOLATION PLUG THAT WAS DOWN IN THE OPEN PERFS.
10/7/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-15PS		Spud date: 11/7/2006	
Project: UTAH-UINTAH		Site: NBU 1022-15PS	Rig name no.: MILES-GRAY 1/1
Event: ABANDONMENT		Start date: 10/6/2016	End date: 10/7/2016
Active datum: RKB @5,277.99usft (above Mean Sea Level)		UWI: NBU 1022-15PS	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 12:00	4.75	ABANDP	51	D	P		<p>0# ON WELL. MIRU CMT CREW. PUMP CMT PLUGS AS POOH W/ TBNG. ALL CMT PUMPED @ 15.8# AND IS G CMT. PUMP CMT PLUGS AS FOLLOWS:</p> <p>CIBP @ 4616'. PUMP 2.6BBL FRESH WATER. PUMP 10SX CMT. DISPLACE W/ 1BBL FRESH WATER & 16.2BBLS TMAC. PUH TBNG.</p> <p>EOT @ 4236'. FILL HOLE. PUMP 2.6BBLS FRESH WATER. PUMP 58SX CMT. DISPLACE W/ 1BBL FRESH WATER & 12.1BBLS TMAC. PUH TBNG.</p> <p>EOT @ 2650'. FILL HOLE. PUMP 2.6BBLS FRESH WATER. PUMP 28SX CMT. DISPLACE W/ 1BBL FRESH WATER & 7.6BBLS TMAC.</p> <p>EOT @ 1824'. FILL HOLE. PUMP 2.6BBLS FRESH WATER. PUMP 16SX CMT. DISPLACE W/ 1BBL FRESH WATER & 5.1BBLS TMAC.</p> <p>EOT @ 1094'. FILL HOLE. PUMP 2.6BBLS FRESH WATER. PUMP 17SX CMT. DISPLACE W/ 1BBL FRESH WATER & 2.2BBLS TMAC. POOH WHILE L/D ALL TBNG.</p> <p>R/D FLOOR & TBG EQUIP. NDBOP. RDMO RIG. EXPOSE WELLHEAD. CUT & LOWER WELLHEAD. TOP OFF CMT IN 4-1/2" CSNG W/ 20SX CMT UNTIL GOOD CMT @ SURFACE. 4-1/2" X 9-5/8" ANNULUS ONLY DOWN 1' FILL ANNULUS. RDMO CMT CREW. CAP WELL. BACKFILL. ROAD RIG TO NBU 1022-22HS. PERFORM RIG REPAIRS. SDFWE. P&A COMPLETE.</p> <p>NOTE: P&A WITNESSED BY ALLEN WALKER W/ BLM. ALL ACTIONS APPROVED BY ALLEN.</p> <p>WELLHEAD COORDINATES:</p> <p>LAT: 39.943297 LONG: -109.414122</p>