

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

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

5. Lease Serial No.
UTU-01196C
6. If Indian, Allottee or Tribe Name
N/A
7. If Unit or CA Agreement, Name and No.
891008900A
8. Lease Name and Well No.
NBU 1022-08GT
9. API Well No.
43-047-40193

2. Name of Operator
Kerr-McGee Oil & Gas Onshore, LP

3a. Address
P.O. Box 173779
Denver, CO 80217-3779
3b. Phone No. (include area code)
720.929.6226

10. Field and Pool, or Exploratory
Natural Buttes Field

4. Location of well (Report location clearly and in accordance with any State requirements. *)
At surface 2313 1922 631500x
FNL FEL SW NE Lat. 39.96442 Long. -109.4604
At proposed prod. zone N/A 4424723 y -109.460337
NAD 27

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 8 T 10S R 22E

14. Distance in miles and direction from the nearest town or post office*
24 miles northeast of Ouray, Utah

12. Cou State
Uintah Utah

15. Distance from proposed* location to nearest property or lease line, ft.
(Also to nearest drlg. unit line, if any)
1922'

16. No. of acres in lease
400

17. Spacing Unit dedicated to this well
40

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
60'

19. Proposed Depth
8900'

20. BLM/ BIA Bond No. on file
WYB000291

21. Elevations (Show whether DF, RT, GR, etc.)
5195' GR

22. Aproximate date work will start*
Upon Approval

Esti mat
10 days

24. Attachments

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

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

25. Signature

Name (Printed/ Typed) Kevin McIntyre

RECEIVED
JUN 27 2008

Approved By (Signature)

Name (Printed/ Typed) BRADLEY G. HILL
Office ENVIRONMENTAL MANAGER

DIV. OF OIL, GAS & MINING

07-16-08

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.

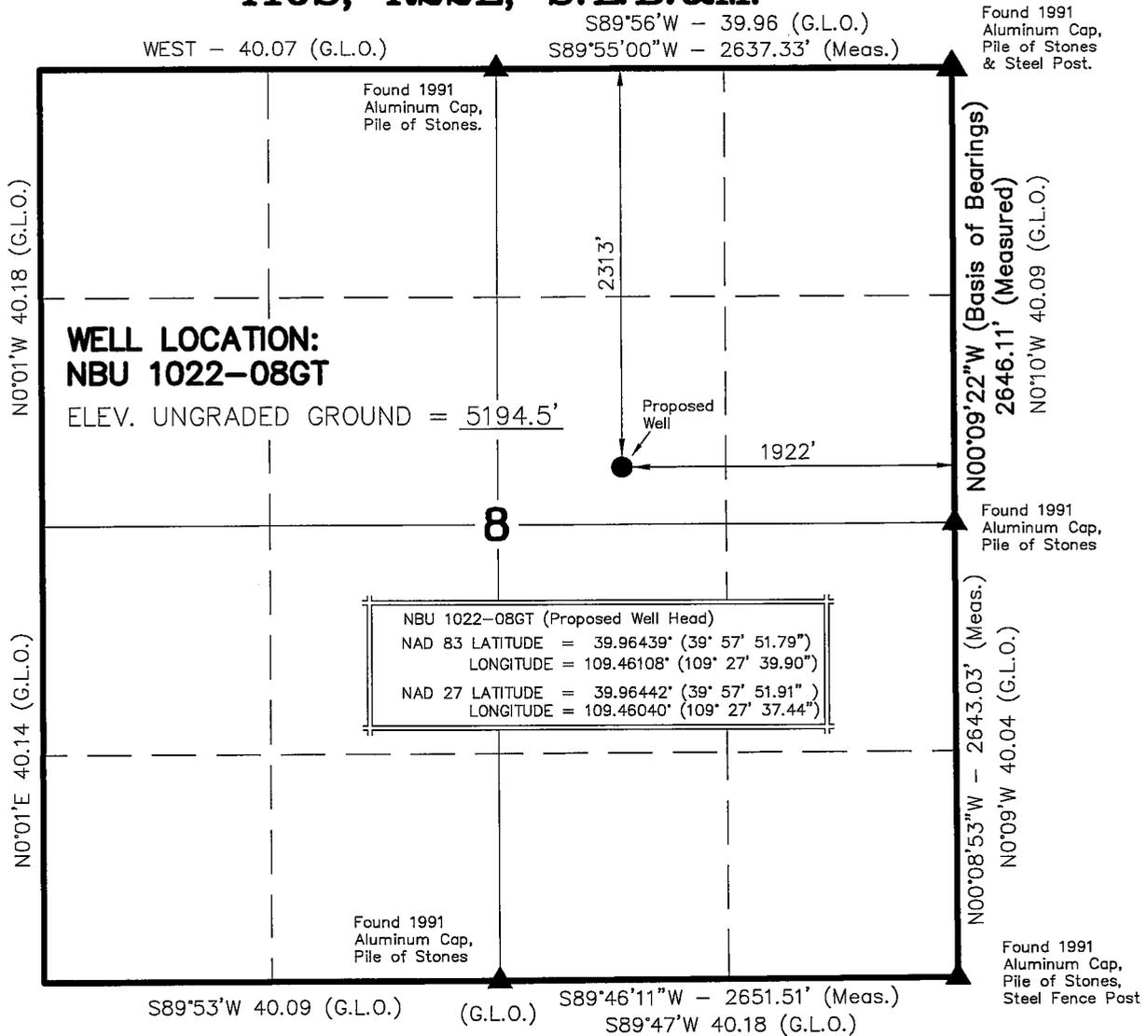
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

* (Instructions on page 2)

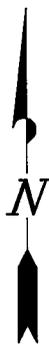
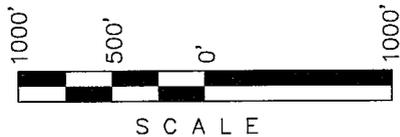
**Federal Approval of this
Action Is Necessary**

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



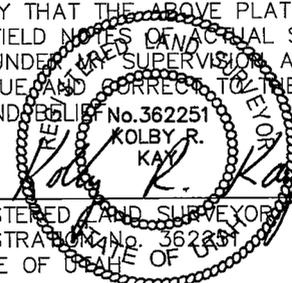
NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

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



REGISTERED LAND SURVEYOR
 REGISTRATION No. 362251
 STATE OF UTAH

Kerr-McGee
Oil & Gas Onshore, LP
 1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-08GT
 WELL PLAT
 2313' FNL, 1922' FEL
 SW ¼ NE ¼ OF SECTION 8, T10S, R22E,
 S.L.B.&M. UINTAH COUNTY, UTAH.

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

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

DATE SURVEYED: 6-03-08	SURVEYED BY: B.J.S.	SHEET 2 OF 7
DATE DRAWN: 6-05-08	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'		

**NBU 1022-08GT
SWNE Sec. 8, T10S,R22E
UINTAH COUNTY, UTAH
UTU-01196C**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1185'
Bird's Nest	1533'
Mahogany	1982'
Wasatch	4385'
Mesaverde	6881'
MVU2	7791'
MVL1	8393'
TD	8900'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1185'
	Bird's Nest	1533'
	Mahogany	1982'
Gas	Wasatch	4385'
Gas	Mesaverde	6881'
Gas	MVU2	7791'
Gas	MVL1	8393'
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 8900' TD, approximately equals 5518 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3560 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.

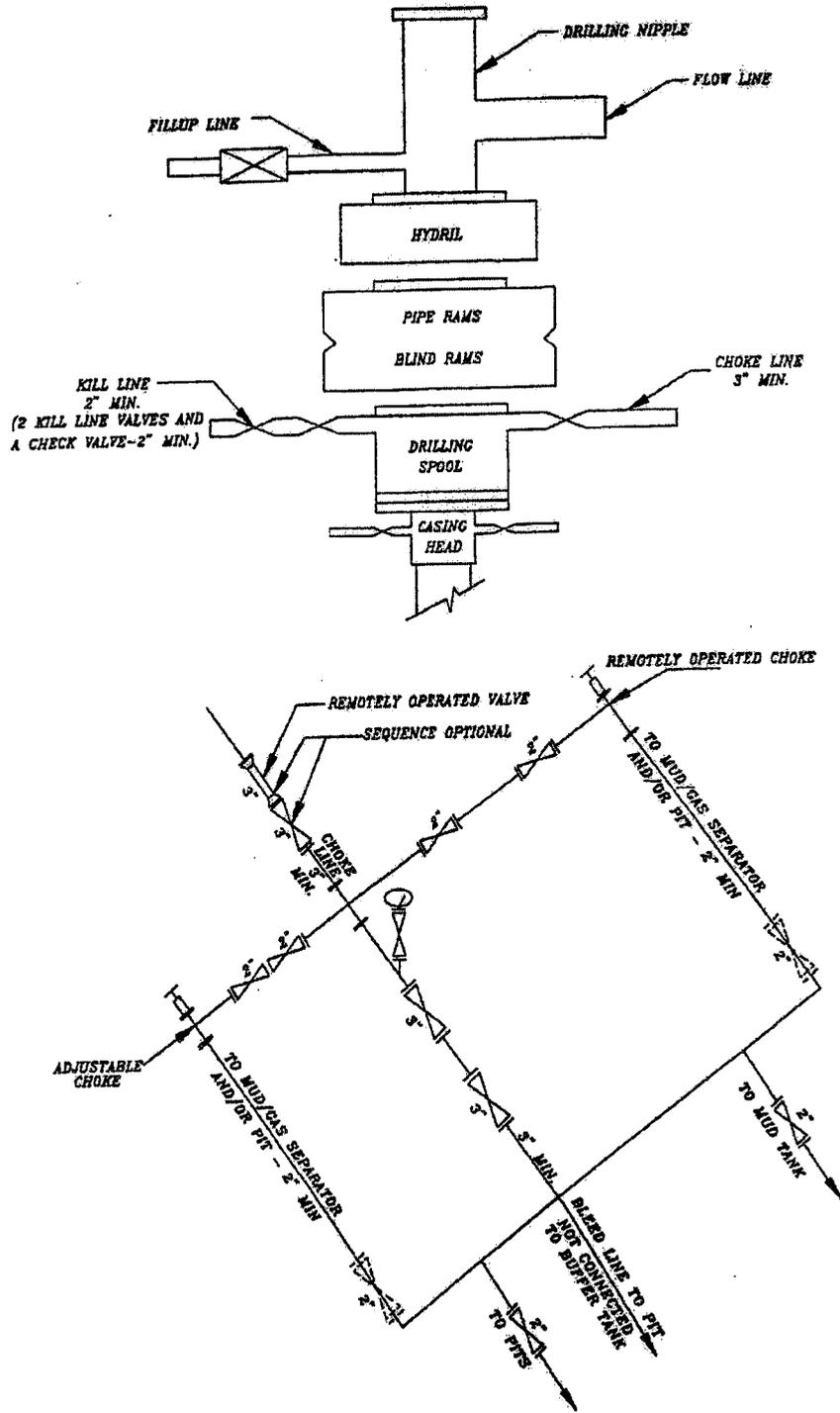
9. **Variations:**

Please see Natural Buttes Unit SOP. Please see Kerr McGee's sundry regarding variance request to Onshore Order #2 regarding Air drilling for surface casing.

10. **Other Information:**

Please see Natural Buttes Unit SOP.

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

**NBU 1022-08GT
SWNE Sec. 8 ,T10S,R22E
UINTAH COUNTY, UTAH
UTU-01191C**

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:

No new access road is planned, as this is a twin location. Refer to Topo Map B.

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

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

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

No new pipeline, as we will be utilizing the existing NBU #344 pipeline. No TOPO D attached.

Please see the Natural Buttes Unit SOP.

Variations to Best Management Practices (BMPs) Requested:

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.

Interim Surface Reclamation Plan:

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the

original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

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

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

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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

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

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

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

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

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

Crested Wheatgrass 12 lbs.

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

11. Surface/Mineral Ownership:

The well pad, access road, pipeline and mineral ownership are listed below:

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

12. Stipulations**Wildlife Stipulations:**

- Antelope Stipulations:
No construction from May 15 through June 20.

Critical Soils Stipulations:

No construction when wet.

13. Other Information:

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

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

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

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

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

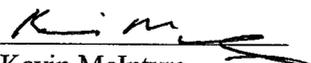
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WYB000291.

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


Kevin McIntyre

6/24/2008

Date



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 24, 2008
 WELL NAME NBU 1022-08GT TD 8,900' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,195' GL KB 5,210'
 SURFACE LOCATION SWNE 2313' FNL & 1922' FEL, SEC. 8, T10S, R22E BHL Straight Hole
 Latitude: 39.964420 Longitude: -109.460400 NAD 27
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 36#, J-55, LTC	Air mist
Catch water sample, if possible, from 0 to 4,385' Green River @ 1,185' Top of Birds Nest Water @ 1533' Mahogany @ 1,982' Preset f/ GL @ 2,100' MD					
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD Open hole logging program f/ TD - surf csg					
	Wasatch @	4,385'	7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-10.0 ppg
	Mverde @	6,881'			
	MVU2 @	7,791'			
	MVL1 @	8,393'			
	TD @	8,900'			Max anticipated Mud required 11.6 ppg



CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						3520	2020	453000
SURFACE	9-5/8"	0 to 2100	36.00	J-55	LTC	1.03	2.06	7.63
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8900	11.60	I-80	LTC	2.28	1.18	2.23

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.6 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 3560 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to surface, option 2 will be utilized					
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,880'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	430	60%	11.00	3.38
	TAIL	5,020'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1400	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

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

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

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

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

DRILLING ENGINEER: _____
Brad Laney

DATE: _____

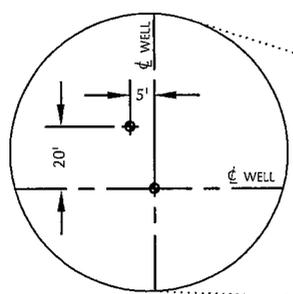
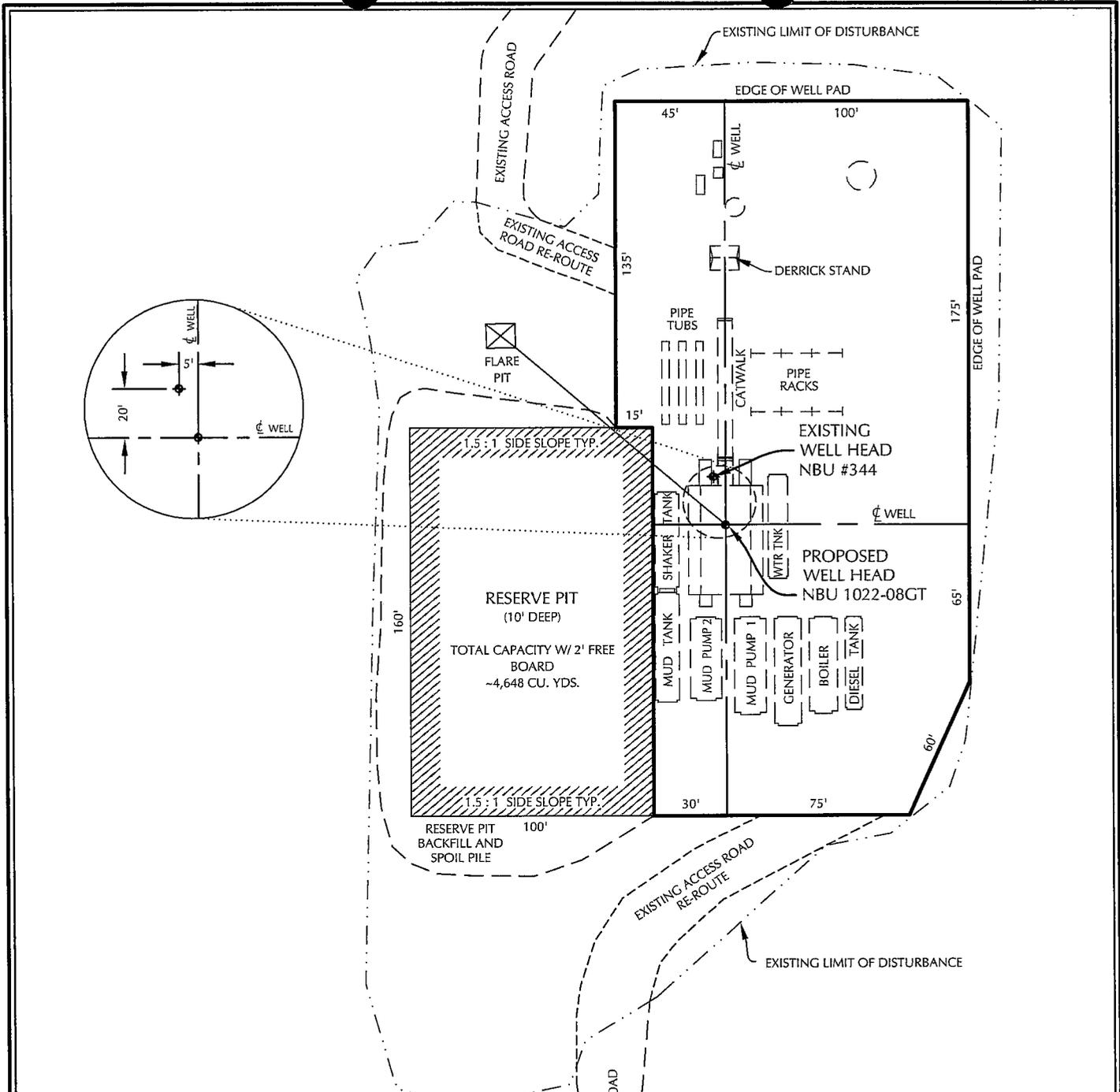
DRILLING SUPERINTENDENT: _____
Randy Bayne NBU 1022-08GT.xls

DATE: _____

Kerr-McGee Oil & Gas Onshore, LP
NBU #1022-08GT
SECTION 8, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH, ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.2 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 16.5 MILES TO OURAY, UTAH; PROCEED FROM OURAY, UTAH, IN A SOUTHERLY DIRECTION ON STATE HIGHWAY 88 APPROXIMATELY 9.4 MILES TO THE JUNCTION OF STATE HIGHWAY 88 AND SEEP RIDGE ROAD; EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND GLEN BENCH ROAD; EXIT LEFT AND PROCEED IN AN EASTERLY DIRECTION FOR APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND BITTER CREEK ROAD; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION, GRADUALLY CHANGING TO SOUTHEASTERLY FOR APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION, GRADUALLY CHANGING TO NORTHERLY FOR APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED NBU 1022-08GT WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH, TO THE PROPOSED NBU 1022-08GT WELL LOCATION IS APPROXIMATELY 53.9 MILES.

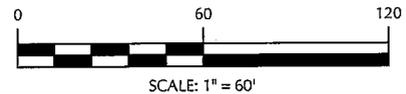


- NOTES:**
1. FLARE PIT IS TO BE LOCATED A MIN. OF 100' FROM THE WELL HEAD
 2. ELEVATION BASED ON TRI-STA "TWO WATERS" LOCATED IN THE NW1/4 OF SEC. 1, T.10S., R.21E., S.L.B. & M. (THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE BIG PACK MTN. NE 7.5 MIN. QUADRANGLE AS BEING 5,238')
 3. NBU 1022-08GT EXISTING GROUND ELEVATION = 5,194.5'

**KERR-MCGEE OIL & GAS
ONSHORE, LP**
1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-08GT
LOCATION LAYOUT
2,313' FNL - 1,922' FEL
SW1/4NE1/4, SEC. 8, T.10S.,R.22E.
S.L.B. & M., UINTAH COUNTY, UTAH**

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



Scale: 1"=60'	Date: 6/10/08	SHEET NO:
REVISED:	BY DATE	3 3 OF 7



PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: EASTERLY

**Kerr-McGee
Oil & Gas Onshore, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-08GT
2313' FNL, 1922' FEL
SW $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 8, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.



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

LOCATION PHOTOS

TAKEN BY: B.J.S.

DRAWN BY: J.R.S.

DATE TAKEN: 06-03-08

DATE DRAWN: 06-05-08

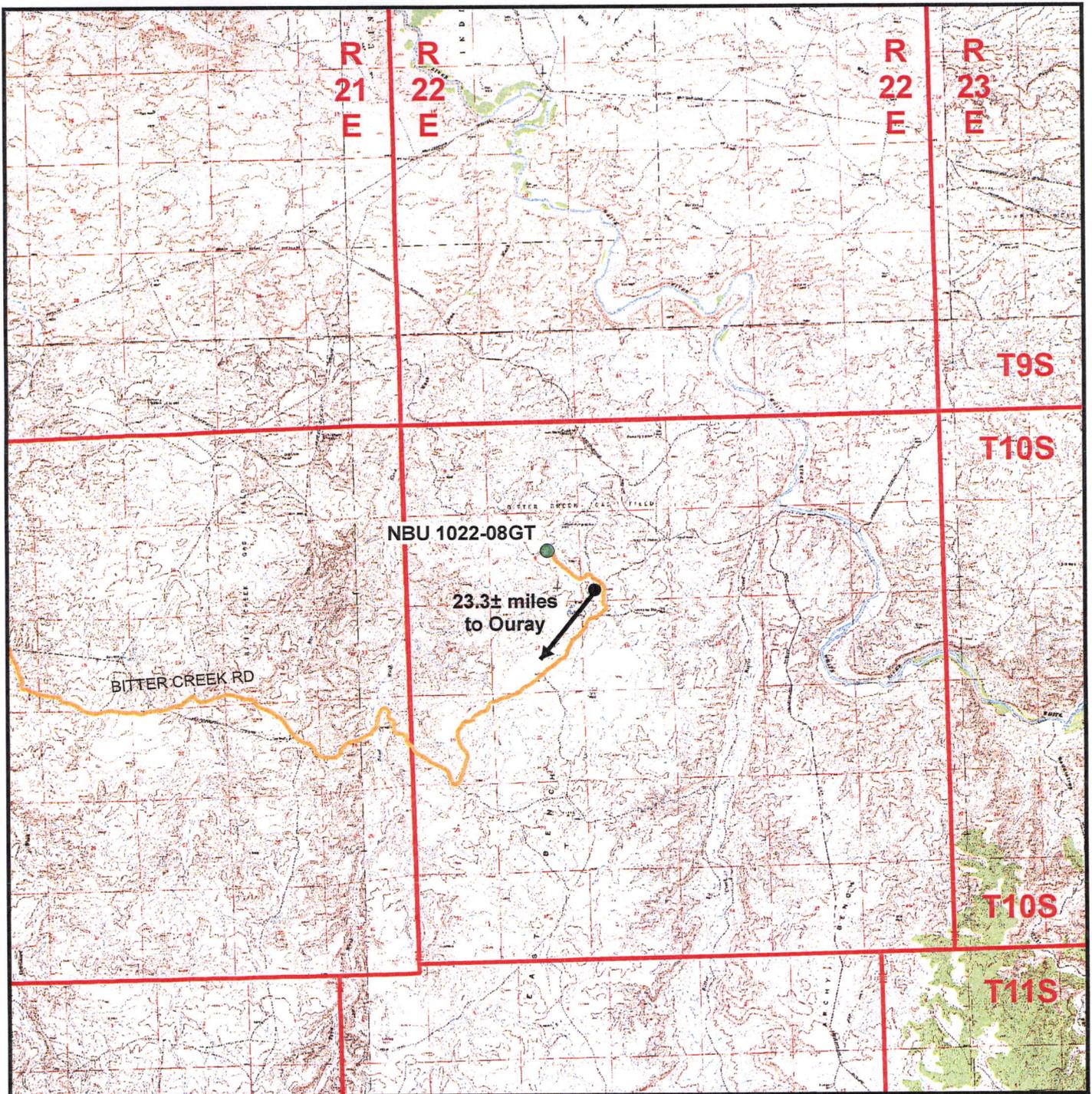
REVISED:

Timberline

Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 789-1365

SHEET
4
OF 7



Legend

● Proposed NBU 1022-08GT Well Location

— Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street, Suite 1200 - Denver, Colorado 80202

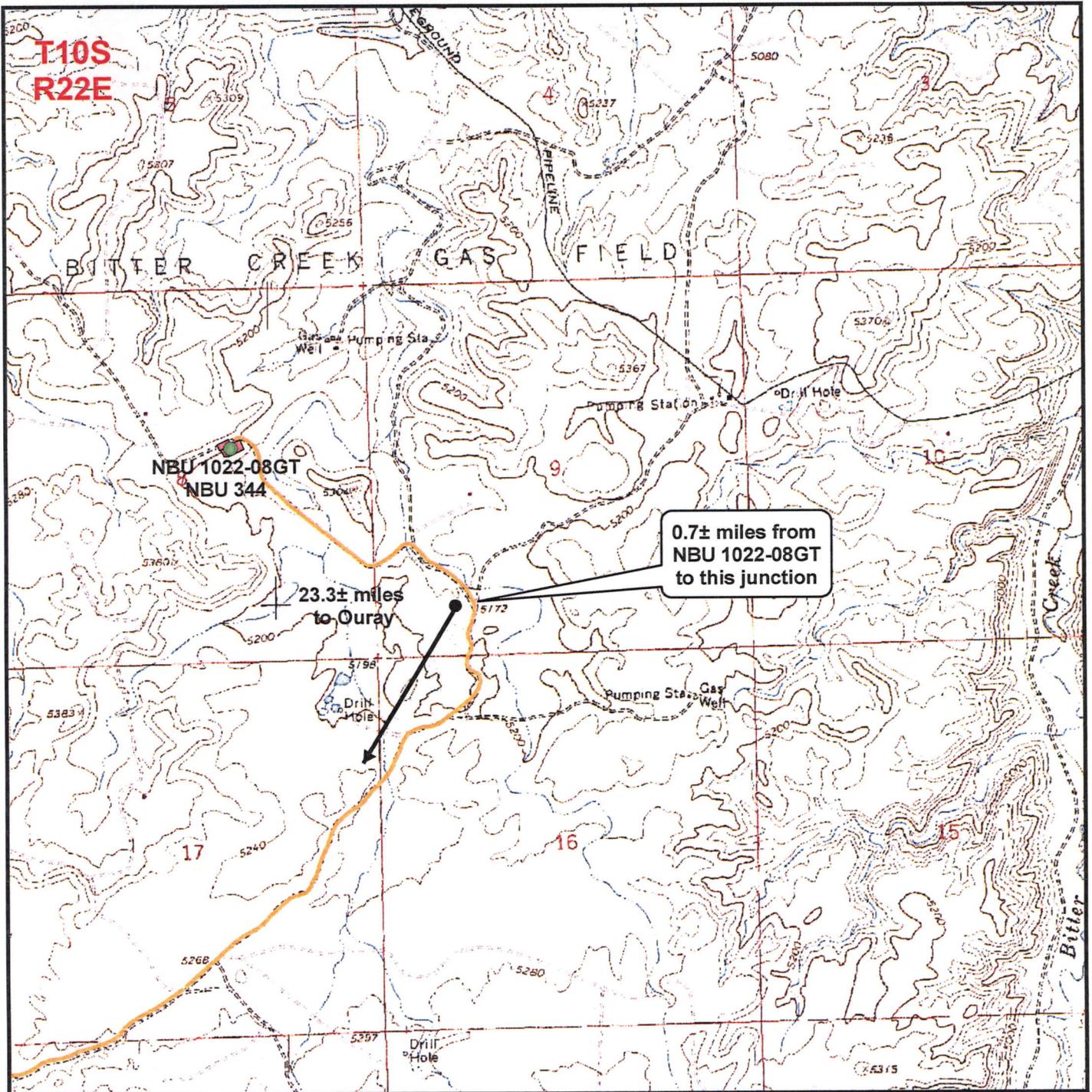
NBU 1022-08GT
Topo A
2313' FNL, 1922' FEL
SW¼ NE¼, Section 8, T10S, R22E
S.L.B.&M., Uintah County, Utah


CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan, WY 82801
 Phone (307) 673-0036
 Fax (307) 674-0182



Scale: 1:100,000	NAD83 USP Central
Drawn: JELo	Date: 12 June 2008
Revised:	Date:

Sheet No:
5 of 7



Legend

- Proposed NBU 1022-08GT Well Location
- Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street, Suite 1200 - Denver, Colorado 80202

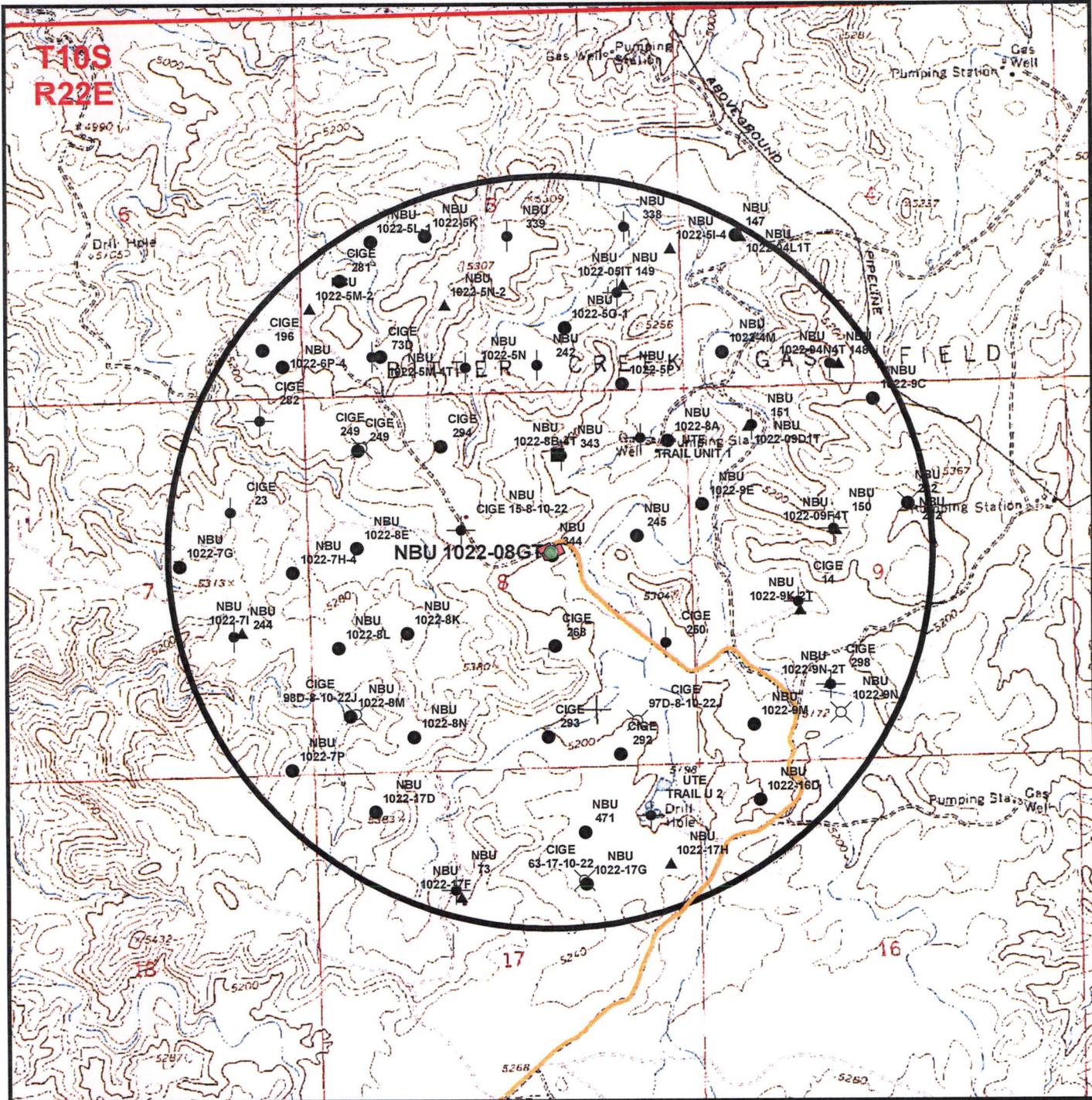
NBU 1022-08GT
Topo B
 2313' FNL, 1922' FEL
 SW¼ NE¼, Section 8, T10S, R22E
 S.L.B.&M., Uintah County, Utah


CONSULTING, LLC
 371 Coffee Avenue
 Sheridan, WY 82801
 Phone (307) 673-0036
 Fax (307) 674-0182



Scale: 1" = 2000ft	NAD83 US P Centra	Sheet No:
Drawn: JELO	Date: 9 June 2008	6
Revised:	Date:	

6 of 7



Legend

● Proposed NBU 1022-08GT Well Location

— Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-08GT
 Topo C
 2313' FNL, 1922' FEL
 SW¼ NE¼, Section 8, T10S, R22E
 S.L.B.&M., Uintah County, Utah

CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan, WY 82801
 Phone (307) 673-0036
 Fax (307) 674-0182



- Producing
- ▲ Approved permit (APD); not yet spudded
- New Permit (Not yet approved or drilled)
- ⊗ Location Abandoned
- ⊕ Plugged and Abandoned
- Shut-In

Scale: 1" = 2000ft	NAD83 USP Central	Sheet No:
Drawn: JELo	Date: 9 June 2008	7
Revised:	Date:	7 of 7

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/27/2008

API NO. ASSIGNED: 43-047-40193

WELL NAME: NBU 1022-08GT
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: KEVIN MCINTYRE

PHONE NUMBER: 720-929-6226

PROPOSED LOCATION:
 SWNE 08 100S 220E
 SURFACE: 2313 FNL 1922 FEL
 BOTTOM: 2313 FNL 1922 FEL
 COUNTY: UINTAH
 LATITUDE: 39.96433 LONGITUDE: -109.4603
 UTM SURF EASTINGS: 631500 NORTHINGS: 4424723
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-01196C
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

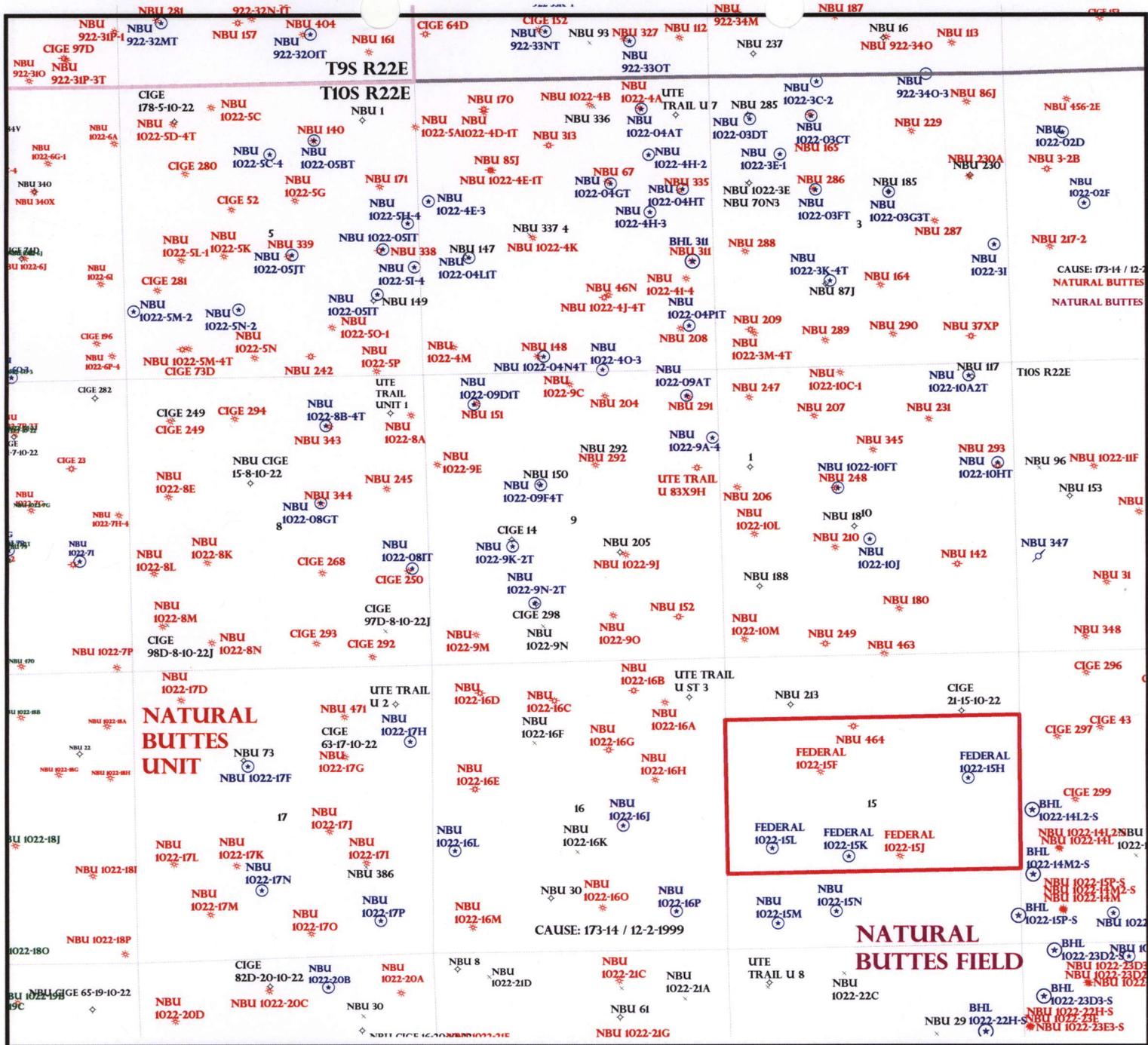
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000291)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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' by W. 1/2 Sec 8, T19N, R64E
- _____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Federal Approval
2- OIL SHALE



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 8.9.10 T.10S R. 22E

FIELD: NATURAL BUTTES (630)

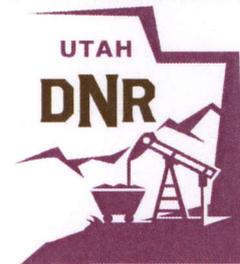
COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

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



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 14-JULY-2008

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)

July 15, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

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

(Proposed PZ Wasatch/MesaVerde)

43-047-40184	NBU 921-30FT	Sec 30 T09S R21E 1585 FNL 2614 FWL
43-047-40185	NBU 921-31BT	Sec 31 T09S R21E 0670 FNL 2008 FEL
43-047-40170	NBU 921-27KT	Sec 27 T09S R21E 1527 FSL 1821 FWL
43-047-40171	NBU 921-27MT	Sec 27 T09S R21E 0634 FSL 0931 FWL
43-047-40172	NBU 921-27OT	Sec 27 T09S R21E 0646 FSL 2211 FEL
43-047-40173	NBU 921-27HT	Sec 27 T09S R21E 2025 FNL 0623 FEL
43-047-40174	NBU 921-27LT	Sec 27 T09S R21E 1954 FSL 0641 FWL
43-047-40175	NBU 921-33K	Sec 33 T09S R21E 2066 FSL 1926 FWL
43-047-40227	NBU 921-27C2D	Sec 27 T09S R21E 0650 FNL 1730 FWL
43-047-40203	NBU 921-27D2DS	Sec 27 T09S R21E 0660 FNL 1713 FWL
	BHL	Sec 27 T09S R21E 0395 FNL 0350 FWL
43-047-40202	NBU 921-27D2AS	Sec 27 T09S R21E 0640 FNL 1747 FWL
	BHL	Sec 27 T09S R21E 0050 FNL 0350 FWL
43-047-40201	NBU 921-27C2AS	Sec 27 T09S R21E 0630 FNL 1765 FWL
	BHL	Sec 27 T09S R21E 0300 FNL 1730 FWL
43-047-40169	NBU 921-26IT	Sec 26 T09S R21E 1964 FSL 0674 FEL
43-047-40176	NBU 922-29NT	Sec 29 T09S R22E 0845 FSL 1627 FWL
43-047-40177	NBU 922-29KT	Sec 29 T09S R22E 1795 FSL 1936 FWL
43-047-40178	NBU 922-31BT	Sec 31 T09S R22E 0888 FNL 2191 FEL

43-047-40179	NBU 922-32ET	Sec 32	T09S	R22E	2477	FNL	0094	FWL
43-047-40186	NBU 922-33OT	Sec 33	T09S	R22E	0692	FSL	1465	FEL
43-047-40187	NBU 922-33NT	Sec 33	T09S	R22E	0890	FSL	2291	FWL
43-047-40188	NBU 922-33IT	Sec 33	T09S	R22E	2115	FSL	0579	FEL
43-047-40191	NBU 1022-04GT	Sec 04	T10S	R22E	1897	FNL	1861	FEL
43-047-40189	NBU 922-35IT	Sec 35	T09S	R22E	2133	FSL	0627	FEL
43-047-40190	NBU 1022-01CT	Sec 01	T10S	R22E	0819	FNL	2106	FWL
43-047-40192	NBU 1022-08IT	Sec 08	T10S	R22E	1757	FSL	0323	FEL
43-047-40193	NBU 1022-08GT	Sec 08	T10S	R22E	2313	FNL	1922	FEL
43-047-40194	NBU 1022-09AT	Sec 09	T10S	R22E	0472	FNL	0582	FEL
43-047-40195	NBU 1022-10HT	Sec 10	T10S	R22E	1798	FNL	0297	FEL
43-047-40196	NBU 1022-10FT	Sec 10	T10S	R22E	2200	FNL	2094	FWL
43-047-40204	NBU 1022-32D1S	Sec 32	T10S	R22E	0205	FNL	2058	FWL
	BHL	Sec 32	T10S	R22E	0270	FNL	1310	FWL
43-047-40205	NBU 1022-32D4AS	Sec 32	T10S	R22E	0198	FNL	2077	FWL
	BHL	Sec 32	T10S	R22E	0760	FNL	1180	FWL
43-047-40206	NBU 1022-32B3S	Sec 32	T10S	R22E	0185	FNL	2114	FWL
	BHL	Sec 32	T10S	R22E	1150	FNL	2130	FEL
43-047-40207	NBU 1022-32D4DS	Sec 32	T10S	R22E	0192	FNL	2096	FWL
	BHL	Sec 32	T10S	R22E	1240	FNL	1050	FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-15-08



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 16, 2008

Kerr-McGee Oil & Gas Onshore, LP
P O Box 173779
Denver, CO 80217-3779

Re: NBU 1022-08GT Well, 2313' FNL, 1922' FEL, SW NE, Sec. 8, 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 43-047-40193.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Kerr-McGee Oil & Gas Onshore, LP

Well Name & Number NBU 1022-08GT

API Number: 43-047-40193

Lease: UTU-01196C

Location: SW NE **Sec.** 8 **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 Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

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 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.

RECEIVED

JUL 16 2008

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
VERNAL FIELD OFFICE
UTU-01196C

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

6. If Indian, Allottee or Tribe Name
7. If Unit or CA Agreement, Name and No.
8. Lease Name and Well No.

2. Name of Operator
Kerr-McGee Oil & Gas Onshore, LP

9. API Well No.
43 047 4019.3

3a. Address
P.O. Box 173779
Denver, CO 80217-3779

3b. Phone No. (include area code)
720.929.6226

10. Field and Pool, or Exploratory
Natural Buttes Field

4. Location of well (Report location clearly and in accordance with any State requirements. *)
At surface 2313 1922 SW NE Lat. 39.96442 Long. -109.4604
At proposed prod. zone N/A NAD 27

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 8 T 10S R 22E

14. Distance in miles and direction from the nearest town or post office*
24 miles northeast of Ouray, Utah

12. Cou State
Uintah Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any)
1922'

16. No. of acres in lease
400

17. Spacing Unit dedicated to this well
40

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
60'

19. Proposed Depth
8900'

20. BLM/ BIA Bond No. on file
WYB000291

21. Elevations (Show whether DF, RT, GR, etc.)
5195' GR

22. Aproximate date work will start*
Upon Approval

Esti mat
10 days

24. Attachments

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

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

25. Signature
Kevin McIntyre

Name (Printed/ Typed) Kevin McIntyre

Title Regulatory Analyst

Approved By (Signature)
Jason Kavela

Title Assistant Field Manager
Lands & Mineral Resources

Name (Printed/ Typed) Jason Kavela

Office VERNAL FIELD OFFICE

NOV 19 2008

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

CONDITIONS OF APPROVAL ATTACHED

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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Continued on page 2)

07/17/08 Pasted
No NOS
085XS0173A

UDOGM

NOTICE OF APPROVAL

* (Instructions on page 2)
NOV 24 2008
DIV. OF OIL, GAS & MINING



**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:	SWNE, Sec. 8, T10S, R22E
Well No:	NBU 1022-08GT	Lease No:	UTU-01196C
API No:	43-047-40193	Agreement:	Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- 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 Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- 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)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

Golden Eagle - January 1 through August 31
No drilling or construction during the above indicated dates unless nest is not active.
Per recommendation of the BLM authorized agent.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Kerr McGee's Standard Operating Practices (SOP version: dated 7/17/08 and approved 7/28/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Kerr McGee Oil & Gas Standard Operating Procedures (SOP version: July 28, 2008). The operators drilling plan items 3 to 9 reference the SOP. Kerr McGee shall adhere to the referenced requirements in the SOP. Kerr McGee and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1200 ft. The minimum cement top is approximately 800 ft above the surface casing shoe.
Cmnt Top (TOC) standard will place cmnt behind casing across formation lost circulation zone, Birds Nest Zone.
COA specification fulfills operators performance standard stated in APD (where operators toc is calc'd with an excess to reach surface).
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU01196C
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE EMail: kathy.schneebeckdulnoan@anadarko.com		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 173779 DENVER, CO 80123	3b. Phone No. (include area code) Ph: 720-929-6007 Fx: 720-929-7007	7. If Unit or CA/Agreement, Name and/or No. 891008900A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T10S R22E SWNE 2313FNL 1922FEL 39.96433 N Lat, 109.46034 W Lon		8. Well Name and No. NBU 1022-08GT
		9. API Well No. 43-047-40193
		10. Field and Pool, or Exploratory NATURAL BUTTES
		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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original A PD
	<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.)

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a change to the surface location of this well to accomodate the new drilling rigs.

The surface location is changing
FROM: 2313' FNL 1922' FEL
TO: 2297' FNL 1886' FEL

631511X 39.964370
4424728Y 109.460209

COPY SENT TO OPERATOR
Date: 4.14.2009
Initials: KS

Please see the attached revised survey plats and interference diagram reflecting this change in surface location. All other information remains the same, including the amount of disturbance.

If you have any questions, please contact the undersigned. Thank you.

**Federal Approval of this
Action Is Necessary**

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #68698 verified by the BLM Well Information System
For KERR-MCGEE OIL&GAS ONSHORE LP, sent to the Vernal**

Name (Printed/Typed) KATHY SCHNEEBECK DULNOAN	Title STAFF REGULATORY ANALYST
Signature <i>Kathy Schneebeck Dulnoan</i> (Electronic Submission)	Date 04/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title BRADLEY G. HILL	Date <u>04-09-09</u>
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 ENVIRONMENTAL MANAGER

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**

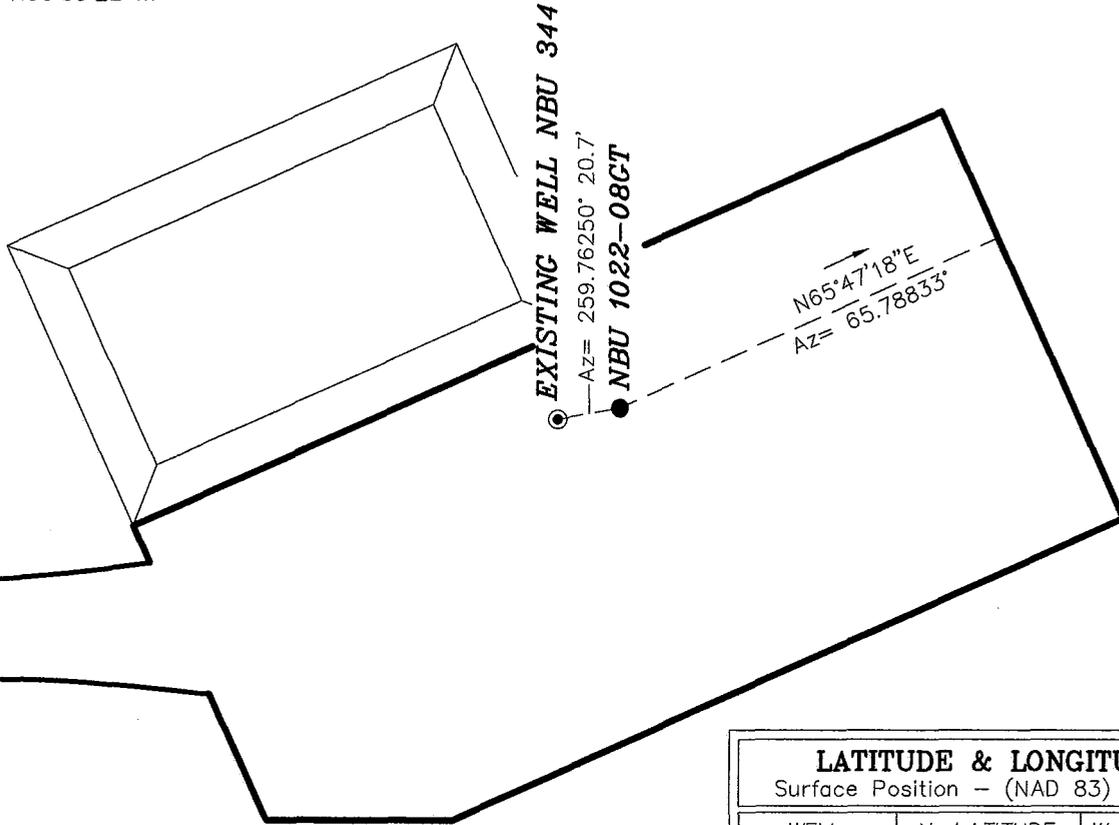
RECEIVED
APR 09 2009
DIV. OF OIL, GAS & MINING

WELL PAD INTERFERENCE PLAT

NBU 1022-08GT



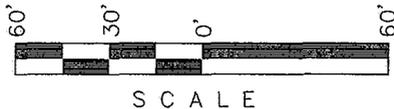
BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 8, T10S, R22E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°09'22"W.



SURFACE FOOTAGES:

NBU 1022-08GT
2297' FNL & 1886' FEL

NBU 344 (Existing Well Head)
2300' FNL & 1906' FEL



LATITUDE & LONGITUDE		
Surface Position - (NAD 83)		
WELL	N. LATITUDE	W. LONGITUDE
1022-08GT	39°57'51.950" 39.964431°	109°27'39.430" 109.460953°
Existing Well NBU 344	39°57'51.914" 39.964420°	109°27'39.691" 109.461025°

LATITUDE & LONGITUDE		
Surface Position - (NAD 27)		
WELL	N. LATITUDE	W. LONGITUDE
1022-08GT	39°57'52.074" 39.964465°	109°27'36.968" 109.460269°
Existing Well NBU 344	39°57'52.038" 39.964455°	109°27'37.229" 109.460341°

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

NBU 1022-08GT
LOCATED IN SECTION 8, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.



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

DATE SURVEYED: 06-03-08	SURVEYED BY: B.J.S.
DATE DRAWN: 11-18-08	DRAWN BY: M.W.W.
	REVISED: 03-20-09

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

SHEET
2b
OF 7

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196C
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 1022-08GT
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047401930000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 1886 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 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 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 6/4/2009	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

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 06/04/2009 AT 0900 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 08, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/4/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196C
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 1022-08GT
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047401930000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 1886 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 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 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: 6/8/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

MIRU PROPETRO AIR RIG ON 06/04/2009. DRILLED 12 1/4" SURFACE HOLE TO 2150'. RAN 9 5/8" 36# J-55 SURFACE CSG. PMP 350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DROP PLUG ON FLY DISPLACE W/157 BBLs OF H2O 300 PSI OF LIFT @3 BBLs/MIN BUMP PLUG 800 PSI FLOAT HELD. NO CIRC THROUGH OUT PMP 100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACK SIDE. NO CMT TO SURFACE. TOP OUT W/225 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE 3 BBLs OF CMT TO SURFACE AND STAYED FULL. WORT.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 10, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/10/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196C
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 1022-08GT
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047401930000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 1886 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 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 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: 10/16/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

FINISHED DRILLING FROM 2,150' TO 9,000' ON 10/14/2009. RAN 4-1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/520 SX CLASS G PREM LITE @ 12.3 PPG, 2.42 YIELD. TAILED CMT W/1343 SX CLASS G 50/50 POZ @ 14.3 PPG, 1.31 YIELD. DROP PLUG & DISPLACE W/137.4 BBLS CLAYTREAT WATER BUMPED PLUG @ 3150, FINAL LIFT PSI OF 2610. 55 BBLS OF LEAD TO PIT LAND CSG. RIG DOWN CEMENTERS. CLEAN PITS. RELEASE PIONEER 69 RIG ON 10/16/2009 @ 05:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 19, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/19/2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196C
	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 1022-08GT
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047401930000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 1886 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 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 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: 11/27/2009	<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: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 11/27/2009 AT 12:30 P.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 November 30, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 11/30/2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-8GT Spud Conductor: 6/4/2009 Spud Date: 6/4/2009
 Project: UTAH-UINTAH Site: NBU 344 PAD Rig Name No: PIONEER 69/69, PROPETRO/
 Event: DRILLING Start Date: 4/13/2009 End Date: 10/16/2009
 Active Datum: RKB @5,213.00ft (above Mean Sea Level) UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/4/2009	18:00 - 0:00	6.00	DRLSUR	02	A	P		DRILL 40'- 420' W/ HAMMER BIT AND AIR MIST. AIR SPUD 6/04/2009 18:00
6/5/2009	0:00 - 5:00	5.00	DRLSUR	02	A	P		DRILL F/ 420'-540' W/ AIR HAMMER AND AIR MIST.
	5:00 - 5:30	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY 510'=(.6 DEG. 103.9 RAW AZI. SF= 23.31' CEN TO CEN 16'
	5:30 - 13:30	8.00	DRLSUR	02	D	P		DRILL F/ 540'- 1050' W/ AIR HAMMER AND AIR MIST.
	13:30 - 14:00	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY=.5 DEG 97.4 RAW AZI SF= 6.795, CEN TO CEN 23.11
	14:00 - 23:30	9.50	DRLSUR	02	A	P		DRILL F/ 1050-1440' W/ AIR HAMMER AND AIRE MIST. WATERED OUT @ 1440'.
	23:30 - 0:00	0.50	DRLSUR	10	B	P		MULTI SHOT SURVEY=.2 DEG, 81.1 RAW AZI. SF= 3.73, CEN TO CEN= 19.37
6/6/2009	0:00 - 5:00	5.00	DRLSUR	06	A	P		TRIP OUT OF HOLE, LD AIR HAMMER, MAKE UP 12 1/4" TRICONE, P/U 8" COLLARS AND TRIP IN HOLE.
	5:00 - 21:00	16.00	DRLSUR	02	A	P		DRILL 1440'- 1770', DRILL W/ TRICONE. WELL STARTED TOPARTIALLY CIRC AFTER 3 HRS DRILLING, BUT AFTER KICKING ON AIR WELL WOULD NOT CIRC W/O AIR. CIRC RESERVE WITH WATER AND AIR.
	21:00 - 21:30	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY 1710'= .9 DEG, 106.5 RAW AZI, CENTER TO CENTER 20.99', SF= 3.234
	21:30 - 0:00	2.50	DRLSUR	02	A	P		DRILL 1770'- 1800' DRILLING W/ TRICONE.
6/7/2009	0:00 - 9:00	9.00	DRLSUR	02	A	P		DRILL 1800'-2000' W/ TRICONE BIT. CIRC W. SKID PUMP AND AIR BOOSTER.
	9:00 - 9:30	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY 1930'= 1.1 DEG 120.7 RAW AZI CENTER TO CENTER= 24.83, SF= 3.346
	9:30 - 18:00	8.50	DRLSUR	02	A	P		DRILL 2000'-2150' W/ TRICONE BIT. CIRC W/ SKID PUMP AND AIR BOOSTER.
6/8/2009	18:00 - 18:30	0.50	CSG	05	F	P		CIRC HOLE TO RUN TO LDDS.
	18:30 - 23:00	4.50	CSG	06	D	P		LDDS, AND BHA.
	23:00 - 0:00	1.00	CSG	12	C	P		GET CSG READY AND RUN 9 5/8 36# J-55 LT&C.
	0:00 - 1:30	1.50	CSG	12	C	P		RUN 9-5/8 36#, J-55, LT&C CSG TO 2107' GL, 2061' GL.
	1:30 - 4:00	2.50	CSG	12	E	P		PUMP 155 BBLs OF PRE FLUSH WATER, PUMP 20 BBLs OF GEL WATER, PUMP 350 SX (72 BBLs) OF 15.8#, 1.15 YD, 5 GAL/SK, DROP PLUG ON FLY, DISPLACE W/ 157 BBLs OF H2O, 300 PSI OF LIFT @ 3 BBLs/MIN, BUMP PLUG 800 PSI, FLOAT HELD. NO CIRC THROUGH OUT. PUMP 100 SX (20.1 BBLs) OF 15.8# 1.15 YD, 5 GAL/SK 4% CALC, DOWN BACK SIDE. NO CEMENT TO SURFACE.
	4:00 - 4:30	0.50	CSG	12	E	P		2ND TOP OUT 225 SX (46 BBLs) 15.8#, 1.15 YD, 5 GAL/SK, 4% CALC DOWN BACKSIDE, 3 BBLs OF CEMENT TO SURFACE AND STAYED. FLUSH TRUCK AND RIG DOWN CEMENTERS.
10/9/2009	6:00 - 7:00	1.00	DRLPRO	01	E	P		RDRT
	7:00 - 15:30	8.50	DRLPRO	01	A	P		MOVE RIG TO NBU 1022-8GT, 5-BED & 4 HAUL TRUCKS 4 SWAMPERS, 2 FORKLIFTS, 1 CRANE
	15:30 - 20:00	4.50	DRLPRO	01	B	P		RURT

RECEIVED November 30, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-8GT Spud Conductor: 6/4/2009 Spud Date: 6/4/2009
 Project: UTAH-UINTAH Site: NBU 344 PAD Rig Name No: PIONEER 69/69, PROPETRO/
 Event: DRILLING Start Date: 4/13/2009 End Date: 10/16/2009
 Active Datum: RKB @5,213.00ft (above Mean Sea Level) UWI: SW/NE/O/10/S/22/E/8/O/O/6/PM/N/2,297.00/E/O/188,600.00/O/O

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	20:00 - 0:00	4.00	DRLPRO	14	A	P		NU BOPE, REMOVE DOUBLE STUD & FLANGE, INSTALL 24" SPACER SPOOL TO MAKEUP F/ MATTING BOARDS
10/10/2009	0:00 - 5:00	5.00	DRLPRO	15	A	P		TEST BOPE, RAMS & ALL VALVES 250 LOW-5000 HIGH, ANN 250-2500, CASING 1500 F/ 30 MINS, L/O & STRAP BHA, INSTALL WEAR BUSHING
	5:00 - 10:00	5.00	DRLPRO	06	A	P		HPJSM W/ RIG & P/U CREWS, R/U & P/U BIT,MM, DIR TOOLS,BHA, INSTALL ROT RUBBER & 44 JTS D/P, R/D
	10:00 - 11:00	1.00	DRLPRO	09	A	P		CUT & SLIP 90' DRLG LINE
	11:00 - 12:00	1.00	DRLPRO	23		P		PRE-SPUD RIG INSPECTION, TORQUE KELLY
	12:00 - 14:00	2.00	DRLPRO	02	F	P		DRLG CEMENT, F/E & OPEN HOLE TO 2168'
	14:00 - 0:00	10.00	DRLPRO	02	B	P		SPUD WELL @ 14:00 10/10/09,DRLG, SLIDE, SURVEY F/ 2168 TO 3456', 1288' @ 128.8' PER HR, CIRC RESERVE PIT W/ GEL & POLY SWEEPS, WOB 18, RPM 50, MM 98, GPM 473, PU/SO/ROT 109-103-100, ON/OFF 1500-1350, DIFF 150-350, SLIDES 2245-2257, 2293-2308, 2323-2372, 2814-2826
10/11/2009	0:00 - 13:00	13.00	DRLPRO	02	B	P		DRL.SURVEY F/ 3456 TO 5281', 1825' @ 140.4' PH, CIRC RESERVE PIT W/ GEL & POLY SWEEPS, WOB 18, RPM 50, MM 98, SPM 125, GPM 473, PU/SO/ROT 125-110-115, ON/OFF 1500-1350, SLIDES 4870-4885, 5060-5075
	13:00 - 13:30	0.50	DRLPRO	07	A	P		SERVICE RIG
	13:30 - 0:00	10.50	DRLPRO	02	B	P		DRLG,SURVEY F/ 5281 TO 6356', 1075' @ 107.5' PH, CIRC RESERVE PIT W/ GEL & POLY SWEEPS, WOB 18, RPM 50, MM 98, SPM 125, GPM 473, PU/SO/ROT 153-138-145, ON/OFF 1720-1600, DIFF 150-300
10/12/2009	0:00 - 13:30	13.50	DRLPRO	02	B	P		DRLG & SURVEY F/ 6356 TO 7115', 759' @ 56.2' PH
	13:30 - 14:00	0.50	DRLPRO	07	A	P		SERVICE RIG
	14:00 - 0:00	10.00	DRLPRO	02	B	P		DRLG & SURVEY F/ 7115 TO 7685', 570' @ 57' PH, MW 10.5, VIS 40, WOB 22, RPM 50, MM 98, SPM 125, GPM 473, P/U S/O ROT , 175-140-163, ON/OFF 2350-2200
10/13/2009	0:00 - 15:00	15.00	DRLPRO	02	B	P		DRLG F/ 7685 TO 8380', 695' @ 46.3' PH
	15:00 - 15:30	0.50	DRLPRO	07	A	P		SERVICE RIG
	15:30 - 19:00	3.50	DRLPRO	02	B	P		DRLG F/ 8380 TO 8482', 102' @ 29.1' PH, MW 11.8, VIS 45, WOB 22-28, SPM 110, GPM 416, RPM 40-55, MM 87, PU/SO/ROT 175-140-163, ON/OFF 2350-2200, DIFF 150-250
	19:00 - 19:30	0.50	DRLPRO	05	C	P		CIRC & BUILD PILL TO TRIP
	19:30 - 0:00	4.50	DRLPRO	06	A	P		POOH W/ BIT #1, L/D DIR TOOLS,MM,BIT
10/14/2009	0:00 - 4:00	4.00	DRLPRO	06	A	P		P/U BIT #2,MM, TIH TO 8200' HIT BRIDGE KELLY UP
	4:00 - 6:30	2.50	DRLPRO	03	A	X		WASH & REAM 200' TO BOTTOM
	6:30 - 16:00	9.50	DRLPRO	02	B	P		DRLG F/ 8482 TO 8917' (435') 46' HR WOB, 22K,RPM-50,MM 98,SPM 120, PP - 2500 PSI OFF BTM - 2100 - DIFF PRESS 340-480 PSI, STRING WT UP/DW/ROT/ - 185,155,175, GPM-454 MUD WT - 11.9 VIS 47 BG GAS- 3-500 CONN GAS - 500-3500, 10' FLARE
	16:00 - 16:30	0.50	DRLPRO	07	A	P		LUBRICATE RIG
	16:30 - 18:30	2.00	DRLPRO	02	B	P		DRLG F/ 8917' TO 9000' T.D. (83') 41' HR, WOB-20-24K , RPM-50,MM-98,SPM=120,GPM=454,PP = 2500 PSI, DIFF PRESS,350-450 PSI MUD WT = 12.2 # VIS = 48 BG GAS - 500-900, CONN GAS - 400 - 700 5' FLARE

RECEIVED November 30, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-8GT Spud Conductor: 6/4/2009 Spud Date: 6/4/2009
 Project: UTAH-UINTAH Site: NBU 344 PAD Rig Name No: PIONEER 69/69, PROPETRO/
 Event: DRILLING Start Date: 4/13/2009 End Date: 10/16/2009
 Active Datum: RKB @5,213.00ft (above Mean Sea Level) UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/15/2009	18:30 - 20:00	1.50	DRLPRO	05	A	P		CIRC F/ SHORT TRIP
	20:00 - 0:00	4.00	DRLPRO	06	E	P		TRIP TO 2200' NO PROBLEMS
	0:00 - 0:30	0.50	DRLPRO	06	E	P		FINISH WIPER TRIP 3' FILL
	0:30 - 2:00	1.50	DRLPRO	05	A	P		CIRC TO L/D PIPE
	2:00 - 8:30	6.50	DRLPRO	06	B	P		HELD SAFETY MTNG W/ LAY DOWN CREW & RIG CREW RIG UP AND L/D PIPE AND BHA, PULL WEAR BUSHING
	8:30 - 13:30	5.00	DRLPRO	11	C	P		HELD SAFETY MTNG W/ LOGGERS 7 RIG CREW, RIG UP AND RUN TRIPL COMBO LOGS, LOGGERS DEPTH = 9010' RIG DOWN LOGGERS
	13:30 - 14:00	0.50	DRLPRO	12	A	P		HELD SAFETY MTNG W/ CASERS AND RIG CREW R/U CASERS
	14:00 - 19:00	5.00	DRLPRO	12	C	P		RUN 212 JOINTS 4 1/2 11.6# BTC PROD CSNG, SHOE @ 8989.29' FLOAT @ 8942.17'
	19:00 - 19:30	0.50	DRLPRO	12	A	P		RIG DOWN CASERS
10/16/2009	19:30 - 22:00	2.50	DRLPRO	05	A	P		CIRC F/ CMNT, LOST RETURNS MIX AND PUMP 20% LCM SWEEP, REGAIN PARTIAL RETURNS (LOST APPROX 200 BBLS)
	22:00 - 23:00	1.00	DRLPRO	12	E	P		HELD SAFETY MTNG W/ BJ AND RIG CREW R/U AND TEST LINES, PUMP 40 BBLS WATER PUMP TRUCK WENT DOWN, CIRC W/ RIG PUMP AT FULL RETURNS
	23:00 - 0:00	1.00	DRLPRO	12	E	P		SWITCH BACK TO BJ & PUMP LEAD CMNT - 520SX PL2 @ 12.1# 2.23 YLD
	0:00 - 1:00	1.00	CSG	12	E	P		LEAD 520 SXS-12.3 PPG, 2.42 YLD, TAIL 1343 SXS 14.3 PPG 1.31 YLD, DROP PLUG & DISPLACE W/ 137.4 BBLS CLAYTREAT WATER, BUMPED PLUG @ 3150, FINAL LIFT PSI OF 2610. 55 BBLS OF LEAD TO PIT. FLOAT HELD. LAND CSG. RIG DOWN CEMENTERS
	1:00 - 5:00	4.00	RDMO	01	E	P		FLUSH STACK, NIPPLE DOWN, AND CLEAN PITS. RELEASE RIG 10/16/2009 05:00

RECEIVED November 30, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-8GT		Spud Conductor: 6/4/2009		Spud Date: 6/4/2009	
Project: UTAH-UINTAH			Site: NBU 344 PAD		Rig Name No: LEED 698/698
Event: COMPLETION			Start Date: 11/20/2009		End Date:
Active Datum: RKB @5,213.00ft (above Mean Sea Level)			UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/19/2009	7:00 - 7:15	0.25		48				JSA MOVE SAFETY
	7:15 - 7:15	0.00	COMP	30		P		RD MOVE RIG & EQUIP FROM NBU 921-14L TO NBU 1022-8GT SPOT RIG & EQUIP RU RIG ND WELL HEAD NU BOPS FLOOR & TUBING EQUIP TALLEY & PU OF 2-3/8" J-55 TUBING POOH ND BOPS NU FRAC VALVES PREP TO TEST & SHOOT FIRST SYAGE IN AM.
11/20/2009	7:00 - 7:15	0.25		48				JSA TESTING SAFETY
	7:15 - 15:00	7.75	COMP	30		P		NU TESTERS TEST CASING & FRAC VALVES TO 7000# RU CUTTERS PU RIH W/ PERF GUN STAGE #1] PER MESA VERDE USING 3-3/8" EXPEND, 23 GRAM, 0.36" HOLE. 8854'-8857' 4 SPF, 90* PH, 12 HOLES 8763'-8549' 4 SPF, 90* PH, 4 HOLES 8747'-8749' 4 SPF, 90* PH, 8 HOLES 8723'- 8725' 4 SPF, 90* PH, 8 HOLES 8667'- 8669' 4 SPF, 90* PH, 8 HOLES SWIFW PREP F/ FRAC ON MON
11/23/2009	7:00 - 7:15	0.25	COMP	48		P		JSA FRACING

RECEIVED November 30, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-8GT Spud Conductor: 6/4/2009 Spud Date: 6/4/2009
 Project: UTAH-UINTAH Site: NBU 344 PAD Rig Name No: LEED 698/698
 Event: COMPLETION Start Date: 11/20/2009 End Date:
 Active Datum: RKB @5,213.00ft (above Mean Sea Level) UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 18:30	11.25	COMP	30		P		<p>MI RU FRAC TECHFRAC STAGE #1 MESA VERDE 8667'-8857' 40 HOLES</p> <p>STAGE #1] WHP= 1515#, BRK DWN PERFS @3224 #, INJ RT= 51, INJ PSI =5050 #, ISIP=2634# ,FG= 0.73, PUMPED 1369 BBLs SLK WTR W/47598 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP=6356 #, MR=51.4 , AP= 4090 #, AR= 50.1, FG= .75, ISIP= 2739#, NPI=105 #, W/ 40/40 CALC PERFS OPEN 100%</p> <p>STAGE #2] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @ 8636' PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 8606'-8608', 4 SPF 90* PH 8 HOLES 8547'-8549', 4 SPF 90* PH 8 HOLES 8526'-8528', 4 SPF 90* PH 8 HOLES 8468'-8470', 4 SPF 90* PH 8 HOLES 8446'-8448', 4 SPF 90* PH 8 HOLES</p> <p>WHP=1500 #, BRK DWN PERFS @3224 #, INJ RT= 51.8, INJ PSI = 4300#, ISIP=2575#, FG= 0.73, PUMPED728 BBLs SLK WTR W/ 31673 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP= 5160#, MR= 57, AP= 3950 #, AR=51.0 , FG=0.75 , ISIP=2698 #, NPI=123 #, W/ 40/40 CALC PERFS OPEN 100%</p> <p>STAGE #3] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @ 8367' PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE 8335'-8337', 4 SPF 90* PH 8 HOLES 8315'-8317', 4 SPF 90* PH 8 HOLES 8248'-8254', 4 SPF 90* PH 24 HOLES.</p> <p>WHP= 240#, BRK DWN PERFS @3575 #, INJ RT=48.5 , INJ PSI = 5200#, ISIP= 2277,FG=0.71 , PUMPED 2612 BBLs SLK WTR W/ 106822 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP= 5724#, MR= 53, AP= 4600 #, AR=52.3 , FG=0.74 , ISIP=2517 #, NPI=240 #, W/ 27/40 CALC PERFS OPEN 68%</p> <p>STAGE #4] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @ 8228' PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 8194'-8198', 4 SPF 90* PH, 16 HOLES 8124'-8128', 4 SPF, 90* PH 16 HOLES 8096'-8098', 4 SPF, 90* PH 8 HOLES</p> <p>WHP=240 #, BRK DWN PERFS @ 4600#, INJ RT=50.5 , INJ PSI =4780 #, ISIP= 2704#,FG=0.76 , PUMPED 1514 BBLs SLK WTR W/ 62489 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP=5090 #, MR=51.1 , AP= 4400 #, AR= 50.8, FG=0.74 , ISIP=2500 #, NPI= -204#, W/ 40/40 CALC PERFS OPEN 100%</p> <p>STAGE #5] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @7824', PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36"</p>

RECEIVED November 30, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-8GT		Spud Conductor: 6/4/2009		Spud Date: 6/4/2009	
Project: UTAH-UINTAH			Site: NBU 344 PAD		Rig Name No: LEED 698/698
Event: COMPLETION			Start Date: 11/20/2009		End Date:
Active Datum: RKB @5,213.00ft (above Mean Sea Level)			UWI: SW/NE/O/10/S/22/E/8/O/0/6/PM/N/2,297.00/E/0/188,600.00/O/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								<p>HOLE. 7788'-7794', 4 SPF, 90* PH 24 HOLES 7671'-7673', 4 SPF, 90* PH, 8 HOLES 7578'-7580', 4 SPF, 90* PH, 8 HOLES</p> <p>WHP= 235#, BRK DWN PERFS @4641 #, INJ RT= 50, INJ PSI =4435 #, ISIP= 2276,FG= 0.73, PUMPED1026 BBLs SLK WTR W/ 39790 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP=5890 #, MR=51.4 , AP= 3880 #, AR=51 , FG=0.75 , ISIP=2445 #, NPI= 170#, W/ 40/40 CALC PERFS OPEN 100%</p> <p>STAGE #6] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @7824', PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 7493'-7495', 4 SPF, 90* PH, 8 HOLES 7472'-7474', 4 SPF, 90* PH, 8 HOLES 7392'-7394', 4 SPF, 90* PH, 8 HOLES 7374'-7376', 4SPF, 90* PH, 8 HOLES 7350'-7353', 4 SPF, 90* PH, 8 HOLES 7318'-7319', 4 SPF, 90* PH, 4 HOLES</p> <p>WHP= 221#, BRK DWN PERFS @2780 #, INJ RT= 51#, INJ PSI =4050 #, ISIP=18503 ,FG=0.68 , PUMPED 1325 BBLs SLK WTR W/ 48714 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP= 6332#, MR=51.4 , AP= 3805 #, AR=50.6 , FG= 0.76, ISIP=2417 #, NPI=567 #, W/ 40/44 CALC PERFS OPEN 91%</p> <p>STAGE #7] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @7266', PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 7234'-7236', 4 SPF, 90* PH, 8 HOLES 7180'-7182', 4 SPF, 90* PH, 8 HOLES 7151'-7154', 4 SPF, 90* PH, 12 HOLES 7118'-7120', 4 SPF, 90* PH, 8 HOLES 7095'-7097', 4 SPF, 90* PH, 8 HOLES</p> <p>WHP= 272#, BRK DWN PERFS @2475 #, INJ RT=50 , INJ PSI =3465 #, ISIP=1844 ,FG=0.69 , PUMPED 2015 BBLs SLK WTR W/74519 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP=4760 #, MR=51.8 , AP= 3510 #, AR= 51.3, FG=0.73 , ISIP=2107 #, NPI=263 #, W/ 44/44 CALC PERFS OPEN 100%</p> <p>JSA FRACING</p>
11/24/2009	7:00 - 7:15	0.25	COMP	48		P		

RECEIVED November 30, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-8GT Spud Conductor: 6/4/2009 Spud Date: 6/4/2009
 Project: UTAH-UINTAH Site: NBU 344 PAD Rig Name No: LEED 698/698
 Event: COMPLETION Start Date: 11/20/2009 End Date:
 Active Datum: RKB @5,213.00ft (above Mean Sea Level) UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 16:00	8.75	COMP	30		P		<p>STAGE #8] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @7042', PERF MESA VERDE USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 7009'-7012', 4 SPF, 90* PH, 12 HOLES 6951'-6953', 4 SPF, 90* PH, 8HOLES 6930'-6832', 4 SPF, 90* PH, 8 HOLES 6894'-6898', 4 SPF, 90* PH, 16 HOLES</p> <p>WHP= 252#, BRK DWN PERFS @ 2901#, INJ RT=50 , INJ PSI =3930 #, ISIP= 1583#,FG=0.66 , PUMPED 2563 BBLS SLK WTR W/ 106321 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP= 5037#, MR= 50.6, AP= 3375 #, AR=50.3 , FG=0.74 , ISIP= 2148#, NPI=565 #, W/ 33/44 CALC PERFS OPEN 75%</p> <p>STAGE #9] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @6831', PERF WASATCH USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 6799'-6801', 4 SPF, 90* PH, 8 HOLES 6710'- 6714', 4 SPF, 90* PH, 16 HOLES 6600'-6602', 4 SPF, 90* PH, 8 HOLES 6578'-6580', 4 SPF, 90* PH, 8 HOLES</p> <p>WHP= 195#, BRK DWN PERFS @2707 #, INJ RT=50 , INJ PSI =3950 #, ISIP= 1365#, FG= 0.64, PUMPED 899 BBLS SLK WTR W/ 38912 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP= 4700#, MR= 50, AP= 3430 #, AR=49.2 , FG= 0.74, ISIP=2025 #, NPI= 660#, W/ 29/40 CALC PERFS OPEN 73%</p> <p>STAGE #10] PU RIH W/ HALLI 8K CBP & PERF GUN. SET CBP @5852', PERF WASATCH USING 3-3/8" EXPEND SCALLOPS,23 GRAM, 0.36" HOLE. 5816'- 5822', 4 SPF, 90* PH, 20 HOLES 5670'-5673', 4 SPF, 90* PH, 12 HOLES 5598'-5600', 4 SPF, 90* PH, 8 HOLES</p> <p>WHP= #195, BRK DWN PERFS @2601 #, INJ RT=48 , INJ PSI =3760 #, ISIP=2472# ,FG= 0.64, PUMPED BBLS SLK WTR W/ 63685 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, MP= 3778#, MR= 50.8, AP= 3325 #, AR=49.9 , FG=0.72 , ISIP=1660 #, NPI= -812#, W/ 40/40 CALC PERFS OPEN 100%</p> <p>PU RIH W/ KILL PLUG SET @ 5548' POOH RD CUTTERS W/L & FRAC TECH MOVE OFF LOC, ND FRAC VALVES NU BOPS, RU FLOOR & TUB EQUIP, PU HURRICANE MILL POBS PKG TIH TAG KILL PLUG, RU PWR SWVL PREP TO DRILL PLUGS IN AM SDFN. JSA DRILL PLUGS</p>
11/25/2009	7:00 - 7:15	0.25	COMP	48		P		

RECEIVED November 30, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-8GT Spud Conductor: 6/4/2009 Spud Date: 6/4/2009
 Project: UTAH-UINTAH Site: NBU 344 PAD Rig Name No: LEED 698/698
 Event: COMPLETION Start Date: 11/20/2009 End Date:
 Active Datum: RKB @5,213.00ft (above Mean Sea Level) UWI: SW/NE/O/10/S/22/E/8/O/0/6/PM/N/2,297.00/E/0/188,600.00/O/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 17:00	9.75	COMP	30		P		0 PSI ON WELL NU RIG PUMP TEST TO 3000# EST CIRC PLUG #1] TAG SAND @ 5538' (10' FILL) C/O & DRILL THRU HALLI 8K CBP @ 5548' IN 7 MIN W/ 50# INCREASE. PLUG #2] CONTINUE TO RIH TAG SAND @ 5822 (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 5852 IN 5 MIN W/ 50# INCREASE PLUG #3] CONTINUE TO RIH TAG SAND @ 6801' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 6831 IN MIN 6W/ 100# INCREASE PLUG #4] CONTINUE TO RIH TAG SAND @ 7017' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 7047' IN 4 MIN W/ 50# INCREASE PLUG #5] CONTINUE TO RIH TAG SAND @ 7176' (90' FILL) C/O & DRILL THRU HALLI 8K CBP @ 7266' IN 5 MIN W/50 # INCREASE PLUG #6] CONTINUE TO RIH TAG SAND @ 7494'(30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 7524' IN 5 MIN W/ 50# INCREASE PLUG #7] CONTINUE TO RIH TAG SAND @ 7794' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 7824' IN 5 MIN W/50 # INCREASE PLUG #8] CONTINUE TO RIH TAG SAND @ 8198' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 8228' IN 4 MIN W/100 # INCREASE PLUG #9] CONTINUE TO RIH TAG SAND @ 8332' (35' FILL) C/O & DRILL THRU HALLI 8K CBP @ 8367' IN 5 MIN W/ 150# INCREASE PLUG #10] CONTINUE TO RIH TAG SAND @ 8606' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 8636' IN 5 MIN W/ 50# INCREASE CONTINUE TO RIH TAG SAND @ 8858' (86' FILL) C/O TO PBTD @ 8944' (START DRILLING @ 7:30 ON PBTD AT 1:30 6 HOURS) CIRC CLEAN LD 18 JNTS LAND TUB ON HANGER W/ 269 JNTS EOT@ 8421.01' RD FLOOR & TUB EQUIP ND BOPS NU WELLHEAD PUMP OFF BIT @ 2500 TURN WELL OVER TO FBC RIG DOWN RIG TOTAL PUMPED= 15306 RIG REC= 1994 LEFT TO REC= 13312 KB= 18.00 HANGER 1.00 269 JNTS OF 2-3/8" J-55 8399.81 POBS 2.20 EOT= 8421.01 WELL TURNED TO SALE @ 1230 HR ON 11/27/09 - FTP 2125#, CP 2900#, 2025 MCFD, 37 BWPD, 20/64 CK
11/27/2009	12:30 -		PROD	50				

RECEIVED November 30, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196C
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 1022-08GT
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047401930000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 1886 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/28/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Wellhead Repair"/>

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

The operator requests approval to conduct wellhead/casing repair operations on the subject well location. Please find the attached procedure for the proposed repair work on the subject well location.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 07/11/2011

By: *Derek Quist*

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 6/28/2011	

WORKORDER #:

Name: NBU 1022-8GT 6/16/2011
 Surface Location: SWNE Sec. 8, T10S, R22E
 Uintah County, UT

API: 4304740193 LEASE#: UTU-01196 C

ELEVATIONS: 5195' GL 5213' KB

TOTAL DEPTH: 9000' PBD: 8945'

SURFACE CASING: 9 5/8", 36# J-55 @ 2125'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 @ 8989'
 TOC @ 150' per CBL

PERFORATIONS: Wasatch 5598' - 6801'
 Mesaverde 6894' - 8857'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01

GEOLOGICAL TOPS:

1191' Green River
 1995' Mahogany
 4412' Wasatch
 6978' Mesaverde

NBU 1022-8GT- WELLHEAD REPAIR PROCEDURE

PREP-WORK PRIOR TO MIRU:

1. Dig out down to the 2" surface casing valve or to the valve on the riser off the surface casing.
2. Install a tee with 2 valves, with a pressure gauge and sensor on one valve.
3. Open casing valve and record pressures.
4. Install nipple and steel hose on the other valve, the relief valve,. Do not use hammer unions. No impact equipment or tools to be used for any of this installation. Extend hose and hard piping to a downwind location at least 100' from the wellhead. Consider installing a manifold so that vent area could be in two locations approx. 90 degrees apart from the wellhead.
5. Open the relief valve and blow well down to the atmosphere.
6. Make a determination of amount of gas flow, either by installation of a choke nipple, bucket test or other.
7. Shut well in. Observe for rate of build-up by utilizing sensor data. Do not build-up for more than 24 hours. Vent gas through the vent line and leave open to the atmosphere.

WORKOVER PROCEDURE:

1. MIRU workover rig.
2. Kill well with 10# brine / KCL (dictated by well pressure).
3. Remove tree, install double BOP with blind and 2 3/8" pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.
4. POOH w/ tubing laying down extra tubing.
5. Rig up wireline service. RIH and set CBP @ ~5548'. Dump bail 4 sx cement on top of plug. POOH and RD wireline service. TIH w/ tubing and seating nipple. Land tubing ±60' above cement. RDMO.
6. Monitor well pressures. If surface casing is dead. MIRU. ND WH and NU BOP. POOH w/ tubing.
7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

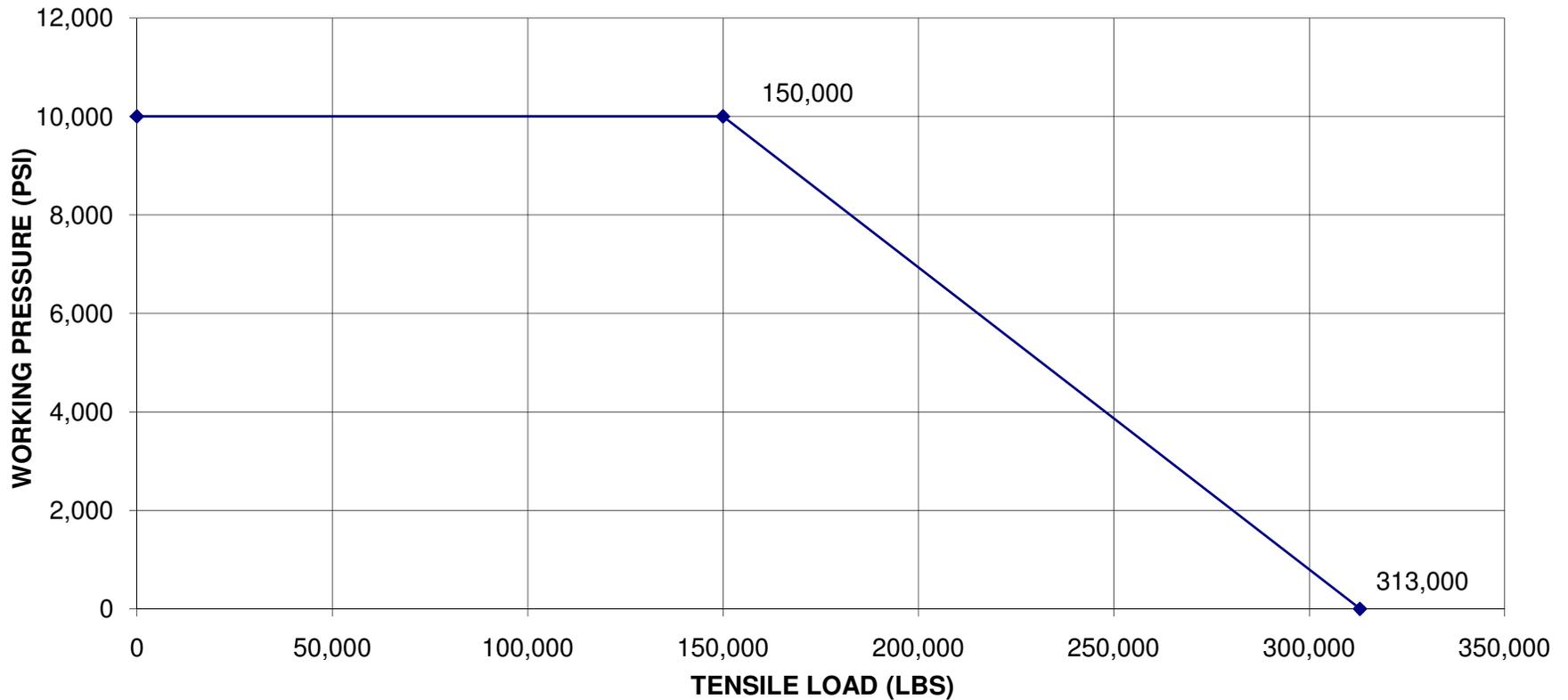
1. PU internal casing cutters and RIH. Cut casing at +/- 30' from surface.
2. POOH, LD cutters and casing.
3. PU 7 3/8" overshot with 4 1/2" right hand standard wicker grapple, 1 - 4 3/4" drill collar with 3 1/2" IF threads, pup joint, manual bumper sub, and crossovers. If casing cut is deeper than ±30' utilize >7000 ft-lb torque pipe as needed. Pull a minimum of 10,000# to keep grapple engaged if cement top is high (<~900'). If cement top is low (>~900'), more weight will be required to put casing in neutral. Torque casing string to ±7000 ft-lbs, count number of turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ±7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out, release overshot, POOH, and lay down.
4. TIH w/ skirted mill and dress off the fish top for approximately 1/2 hour. TOO H.
5. PU & RIH w/ 4 1/2" 10k external casing patch on 4 1/2" P-110 casing. Ensure that sliding sleeve assembly shifts ±3' and casing tags no-go portion of patch. NOTE: Shear pins will shear at 3500 to 4500 lbs.
6. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 3500 psi.
7. Install slips. Land casing w/ 80,000# tension.
8. Cut-off and dress 4 1/2" casing stub.
9. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~5498'. Clean out to PBSD (8945').
10. POOH, land tbg and pump off POBS.
11. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.
2. POOH, LD cutters and casing.
3. PU 4 1/2" overshot. RIH, latch fish. Pick string weight to neutral.
4. MIRU casing crew and wireline services. RIH and shoot string shot at casing collar @ ± 46'.
5. Back-off casing, POOH.

6. PU new casing joint with buttress threads and entry guide and RIH. Tag casing top. Thread into casing and torque up to ± 7000 ft-lbs, count number of additional turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ± 7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out go to step 7.
7. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 3500 psi.
8. Install slips. Land casing w/ 80,000# tension.
9. Cut-off and dress 4 1/2" casing stub.
10. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~5498'. Clean out to PBSD (8945').
11. POOH, land tbg and pump off POBS.
12. NUWH, RDMO. Turn well over to production ops.

**STRENGTH DATA FOR LOGAN 5.88" OD "L" TYPE CSG PATCH
4-1/2 CASING, 10K PSI MAX WP 125K YIELD MAT'L
LOGAN ASSEMBLY NO. 510L-005 -000**



COLLAPSE PRESSURE:
11,222 PSI @ 0 TENSILE
8,634 PSI @ 220K TENSILE

Tensile Strength @ Yield:
Tensile Strength w/ 0 Int. Press.= 472,791lbs.
Tensile Strength w/ 10K Int. Press.= 313,748lbs.

DATA BY SLS 11/16/2009

RECEIVED Jun. 28, 2011

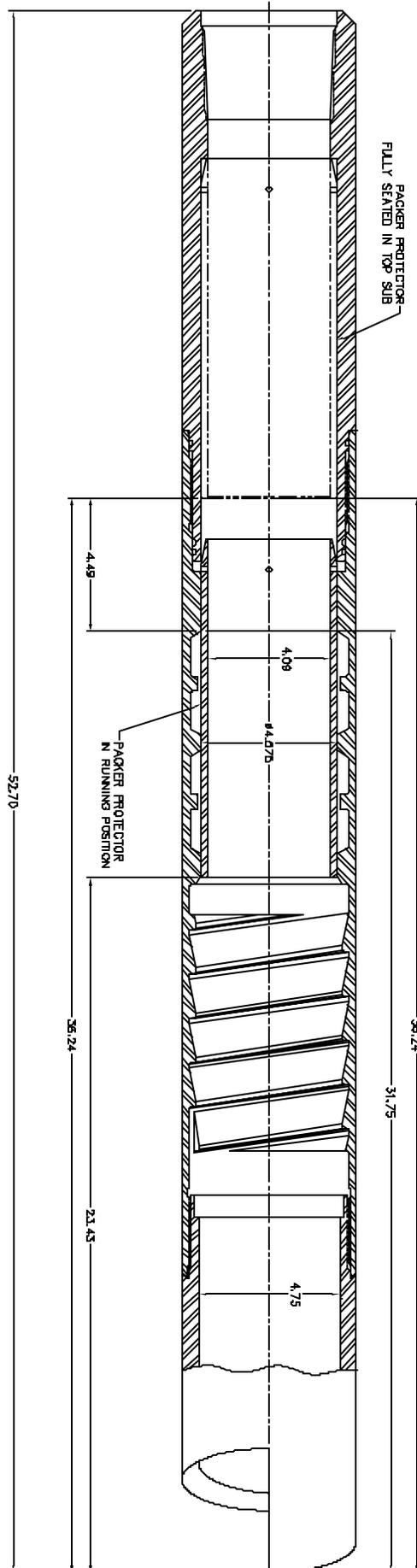


Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

1. Install all four Logan Type "L" Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.
2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector through the four Type "L" Packers.
3. Align Shear Pin Holes in Packer Protector so that the holes have just passed into the counter bore at the Top Sub end, refer to diagram. The Packer Protector is provided with four Shear Pin Holes. Use only two holes, 180 degrees apart and install the pins.
4. Screw the Basket Grapple in from the lower end of the Bowl, using left-hand rotation. The Tang Slot in the Basket Grapple must land in line with the slot in the Bowl.
5. Insert the Basket Grapple Control into the end of the Bowl. Align Tang on the Basket Grapple Control with the Tang Slot of the Bowl and Basket Grapple. This secures the Bowl and the Basket Grapple together.
6. Install the Cutlipped Guide into the lower end of the Bowl.
7. Install O-Rings on the two five-foot long Extensions. Screw the first Extension into the top end of the Bowl. Screw the second Extension into the top end of the first Extension.
8. Install O-Ring on Top Sub. Screw Top Sub into top end of second Extension.

Follow recommended Make-Up Torque as provided in chart.



510L-005-001 4-1/2" LOGAN HP CASING PATCH

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196C	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES	
8. WELL NAME and NUMBER: NBU 1022-08GT	
9. API NUMBER: 43047401930000	
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
COUNTY: UINTAH	
STATE: UTAH	

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL Gas Well	3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	PHONE NUMBER: 720 929-6511
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 1886 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 Township: 10.0S Range: 22.0E Meridian: S	

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 checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/31/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The operator has concluded the wellhead/casing repairs on the subject well location. Please see the attached chronological history for the details of the operations.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
FOR RECORD ONLY
 January 24, 2012

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regularatory Analyst
SIGNATURE N/A	DATE 1/24/2012	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 1022-8GT			Spud Conductor: 6/4/2009			Spud Date: 6/4/2009		
Project: UTAH-UINTAH			Site: NBU 344 PAD			Rig Name No: LEED 698/698		
Event: WELL WORK EXPENSE			Start Date: 8/29/2011			End Date: 8/31/2011		
Active Datum: RKB @5,213.00ft (above Mean Sea Leve			UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/29/2011	7:00 - 8:00	1.00	ALL	30	A	P		MIRU.
	8:00 - 8:30	0.50	ALL	48		P		HSM, REVIEW POOH TBG & WIRELINE WORK
	8:30 - 9:30	1.00	ALL	47	A	P		FCP. 225 PSI. FTP. 225 PSI., BLEW TBG DWN, CONTROL TBG W/ 15 BBLs, ND WH, NU BOP'S, RU FLOOR & TBG EQUIPMENT.
	9:30 - 12:30	3.00	ALL	31	I	P		UNLAND TBG HANGER, POOH 269 JTS. 2-3/8 J-55 TBG, LD XN,
	12:30 - 15:00	2.50	ALL	34	I	P		RU J-W WIRELINE COMPANY, RIH 4-1/2 BAKER 10K CIBP & SET @ 5550', POOH TOOLS, RD J-W WIRELINE COMPANY, FILL 4-1/2 CSG W/ T-MAC, P.T. CIBP TO 3000 PSI. HELD, SWI, SDFN.
8/30/2011	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW BACK-OFF PROCEDURE.
	7:30 - 8:00	0.50	ALL	47	A	P		ND BOP'S, ND CSG BOWL, RU PWR SWVL
	8:00 - 9:00	1.00	ALL	31	B	P		PU INTERNAL CSG CUTTERS & RIH, CUT 4-1/2 CSG @ 3' F/ SURFACE, POOH, RD PWR SWVL, LD CUTTER & CSG MANDRAL, PU 4-1/2 OVERSHOT, RIH, LATCH FISH, MIRU CSG CREW, BACK-OFF PUP JNT, POOH, PU NEW 10' PUP JNT, TAG CSG TOP, THREAD INTO & TORQUE CSG TO 7000# W/ 17 ROTATION, PU 100,000# TENSION.
	9:00 - 10:15	1.25	ALL	33	C	P		RU B&C QUICK TEST, P.T. 4-1/2 CSG TO 1000 PSI. LOST 11.25 PSI IN 15 MINS, P.T. 4-1/2 CSG TO 3500 PSI. LOST 32.5 PSI. IN 30 MINS, RD B&C QUICK TEST.
	10:15 - 13:00	2.75	ALL	31	I	P		INSTALL & SET C-22 SLIPS, LAND 4-1/2 CSG W/ 80,000# TENSION, CUT-OFF & DRESS 4-1/2 CSG STUB, NU CSG BOWL, P.T. WELL HEAD TO 5000 PSI. HELD, NU BOP'S, RU FLOOR & TBG EQUIPMENT, PU 3-7/8 MILL & RIH 178 JTS. 2-3/8 J-55 TBG, TAG CIBP @ 5550'
	13:00 - 13:20	0.33	ALL	47	A	P		RU PWR SWVL, RU TECH FOAM, ESTABLISH CIRC IN 10
	13:20 - 13:45	0.42	ALL	44	C	P		D/O CIBP @ 5550' IN 13 MINS, LD PWR SWVL.
	13:45 - 17:30	3.75	ALL	31	I	P		RIH 90 JTS.TBG F/ DERRICK, PU 15 JTS. 2-3/8 J-55 TBG F/ TRAILER, TAG @ 8870', RU PWR SWVL, INSTALL TSF, ESTABLISH CIRC IN 15 MINS, C/O F/ 8870 TO 8931' TAG OLD POBS, CIRC HOLE CLEAN, RD PWR SWVL, POOH & LD 17 JTS. 2-3/8 J-55 TBG ON TRAILER, KILL TBG, REMOVE TSF, EOT @ 8410' W/ 269 JTS. IN WELL, SWI, SDFN.
8/31/2011	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW NU & ND BOP'S

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-8GT		Spud Conductor: 6/4/2009		Spud Date: 6/4/2009	
Project: UTAH-UINTAH		Site: NBU 344 PAD		Rig Name No: LEED 698/698	
Event: WELL WORK EXPENSE		Start Date: 8/29/2011		End Date: 8/31/2011	
Active Datum: RKB @5,213.00ft (above Mean Sea Leve		UWI: SW/NE/0/10/S/22/E/8/0/0/6/PM/N/2,297.00/E/0/188,600.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	ALL	31	I	P		SICP. 1000 PSI. SITP. 500 PSI. BLEW TBG DWN, CONTROL TBG W/ 15 BBLS, POOH 269 JTS. 2- 3/8 J-55 TBG, LD MILL, PU 1.875 XN HALF POBS, & RIH-134 JTS. 2-3/8 J-55 TBG, EOT 4155', RU SWAB EQUIPMENT, RIH W/ 1.9 BROACH TO 4155', POOH & LD SWAB EQUIPMENT, FINISH RIH 135 JTS. 2-3/8 J-55 TBG, RU SWAB EQUIPMENT, RIH 1.9 BROACH TO 4188', POOH & LD SWAB EQUIPMENT, LAND TBG HANGER, RD FLOOR & TBG EQUIPMENT, ND BOP'S, NU WH, RDMO. MOVE TO NBU 1022-4GT.
TBG DETAIL								
KB-----18' CAMERON HANGER-----.83" 269 JTS. 2-3/8 J-55 TBG @-----8400.13' 1.875 XN HALF POBS-----2.20' EOT @-----8421.16' WLTR. 45 BBLS. C/O TO 8931' TAG OLD POBS PBD @ 8945 TOP PERF @ 5598' BTM PERF @ 8857' API # 4304740193-00-S1								