

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-20714	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.				9. WELL NAME and NUMBER: NBU 1022-19B	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078			PHONE NUMBER: (435) 781-7060	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 696' FNL 2180' FEL AT PROPOSED PRODUCINGZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 21.1 MILES SOUTHEAST OF OURAY, UTAH				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 696'		16. NUMBER OF ACRES IN LEASE: 320		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C		19. PROPOSED DEPTH: 8,800		20. BOND DESCRIPTION: RLB0005238	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5275.1' GL		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION: TO BE DETERMINED	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
	14"			40				
12 1/4"	9 5/8"	H-40	32.3#	1,850	PREM CMT	265 SX	1.18	15.6
7 7/8"	4 1/2"	I-80	11.6#	8,800	PREM LITE II	400 SX	3.38	11
					50/50 POZ G	1380 SX	1.31	14.3

25. ATTACHMENTS

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

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) DEBRA DOMENICI TITLE ASSOC. ENVIRONMENTAL ANALYST
SIGNATURE *Debra Domenici* DATE 2/8/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37779

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 03-22-06
By: *[Signature]*

**RECEIVED
FEB 14 2006**

DIV. OF OIL, GAS & MINING

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

Kerr-McGee Oil & Gas Onshore LP

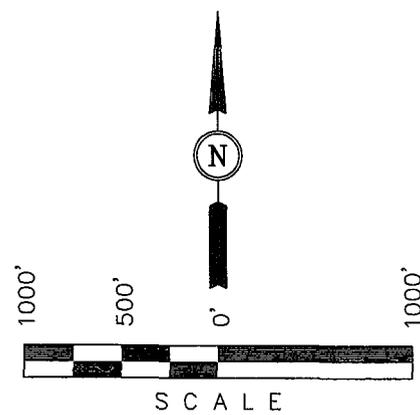
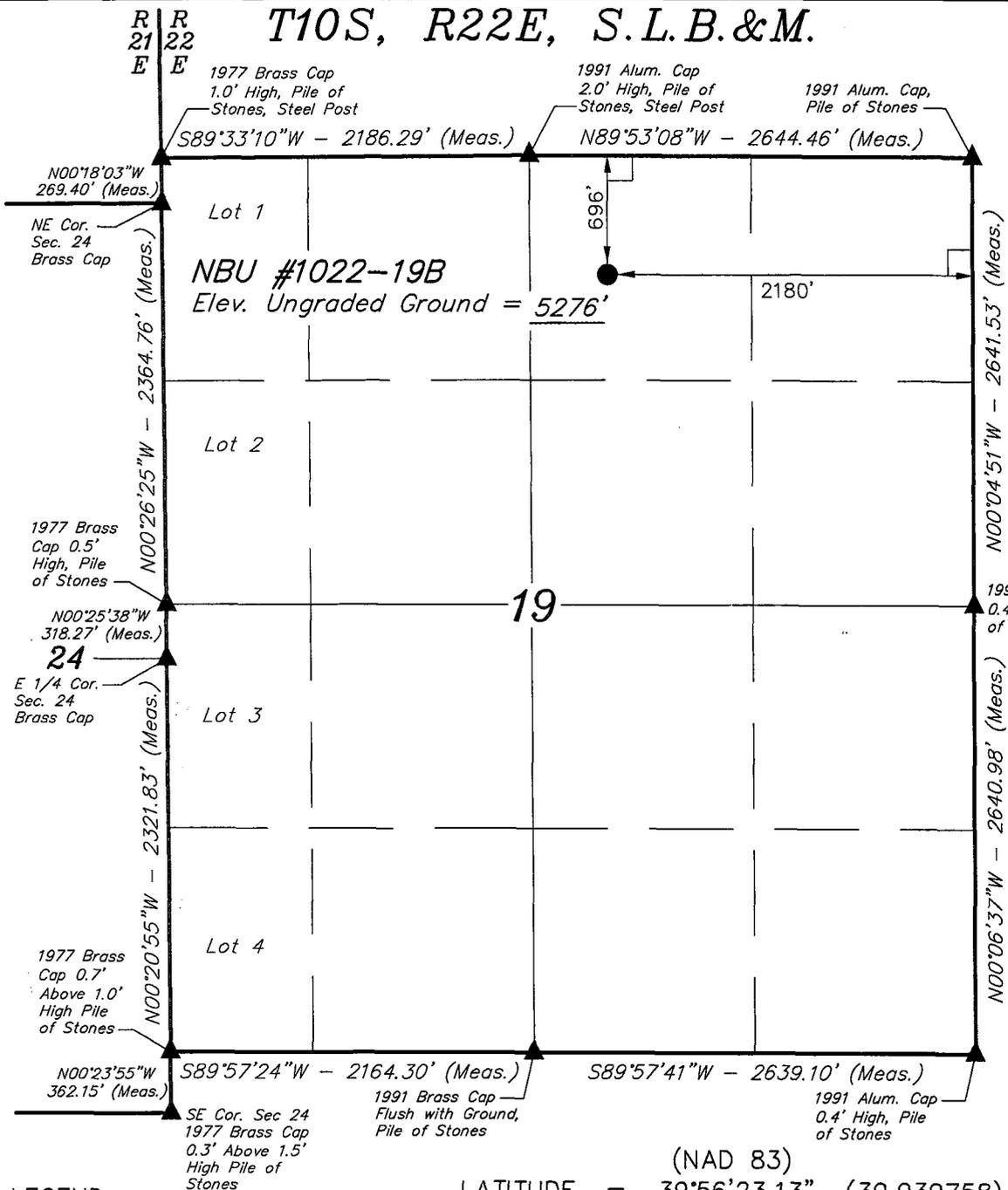
Well location, NBU #1022-19B, located as shown in the NW 1/4 NE 1/4 of Section 19, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

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

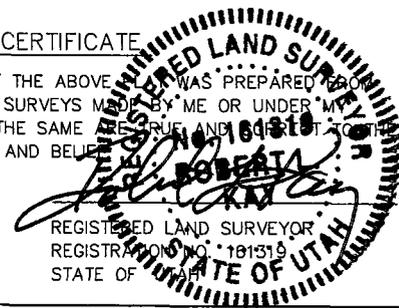
BASIS OF BEARINGS

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



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE SURVEY 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.



REVISED: 01-15-06

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

- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°56'23.13" (39.939758)
 LONGITUDE = 109°28'50.97" (109.480825)

(NAD 27)
 LATITUDE = 39°56'23.25" (39.939792)
 LONGITUDE = 109°28'48.51" (109.480142)

SCALE 1" = 1000'	DATE SURVEYED: 12-05-05	DATE DRAWN: 12-09-05
PARTY P.J. N.F. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 1022-19B
NWNE SEC 19-T10S-R22E
UINTAH COUNTY, UTAH
ML-20714**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1170'
Wasatch	4370'
Mesaverde	6750'
TD	8800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1170'
Gas	Wasatch	4370'
Gas	Mesaverde	6750'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8800' TD, approximately equals 5456 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3520 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 1850	32.30	H-40	STC	0.73*****	1.71	4.85
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8800	11.60	M-80 or I-80	LTC	2.51	1.26	2.26

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.0 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoyn.Fact. of water)
 MASP 3098 psi

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

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt 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	3,870'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	400	60%	11.00	3.38
	TAIL	4,930'	50/50 Poz/G + 10% salt + 2% gel	1380	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

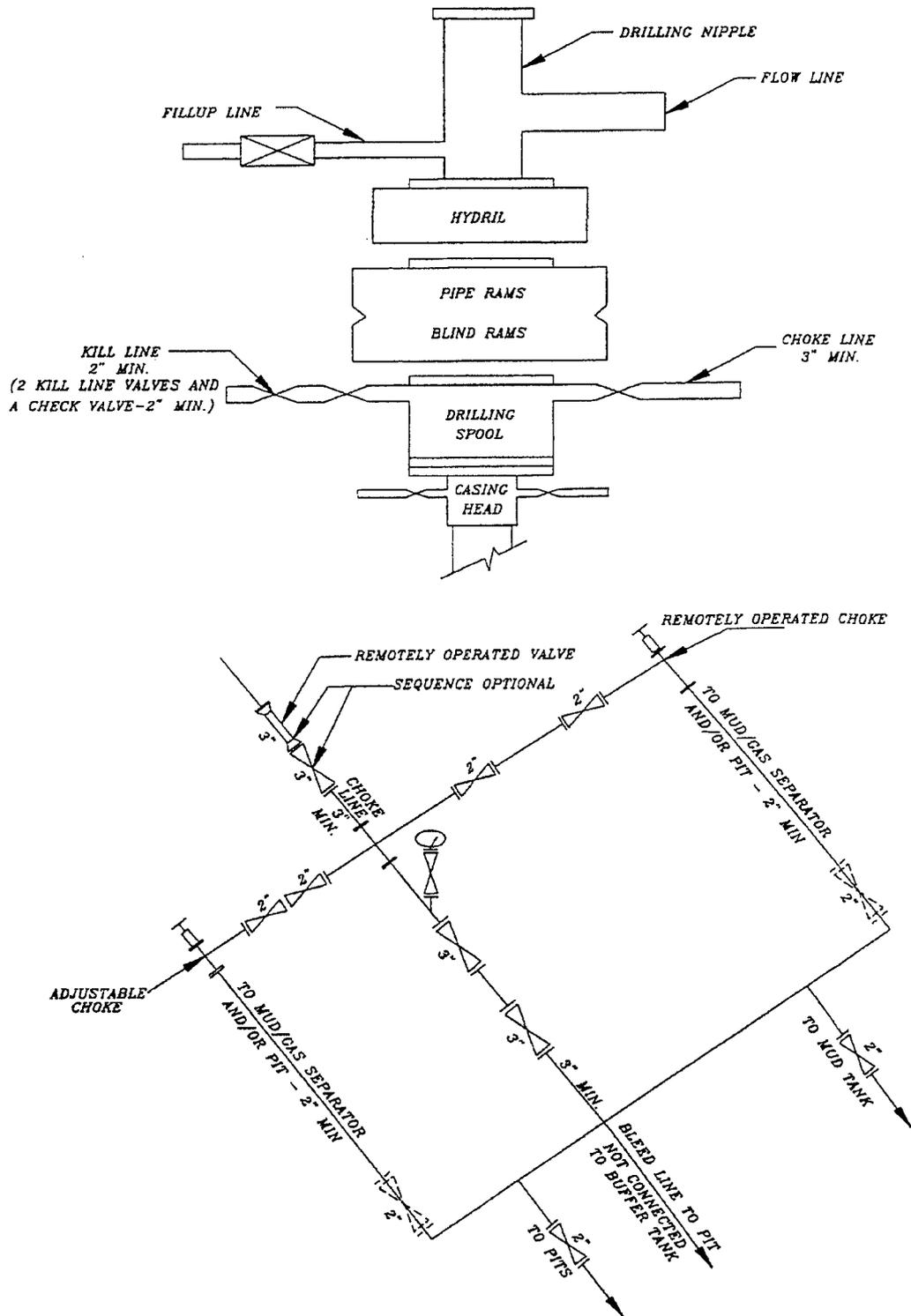
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

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

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU 1022-19B
NWNE SEC 19-T10S-R22E
Uintah County, UT
ML-20714**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

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

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

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 0.1 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

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.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

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 required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 375' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, 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 spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

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.

8. Ancillary Facilities

None are anticipated.

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.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to 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 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. **Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

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

13. **Lessee's or Operators's Representative & Certification:**

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

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

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

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

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


Debra Domenici

2/8/2006
Date

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-19B
SECTION 19, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1022-19F TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 330' TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1022-19C TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.1 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19B

LOCATED IN UINTAH COUNTY, UTAH
SECTION 19, T10S, R22E, S.L.B.&M.

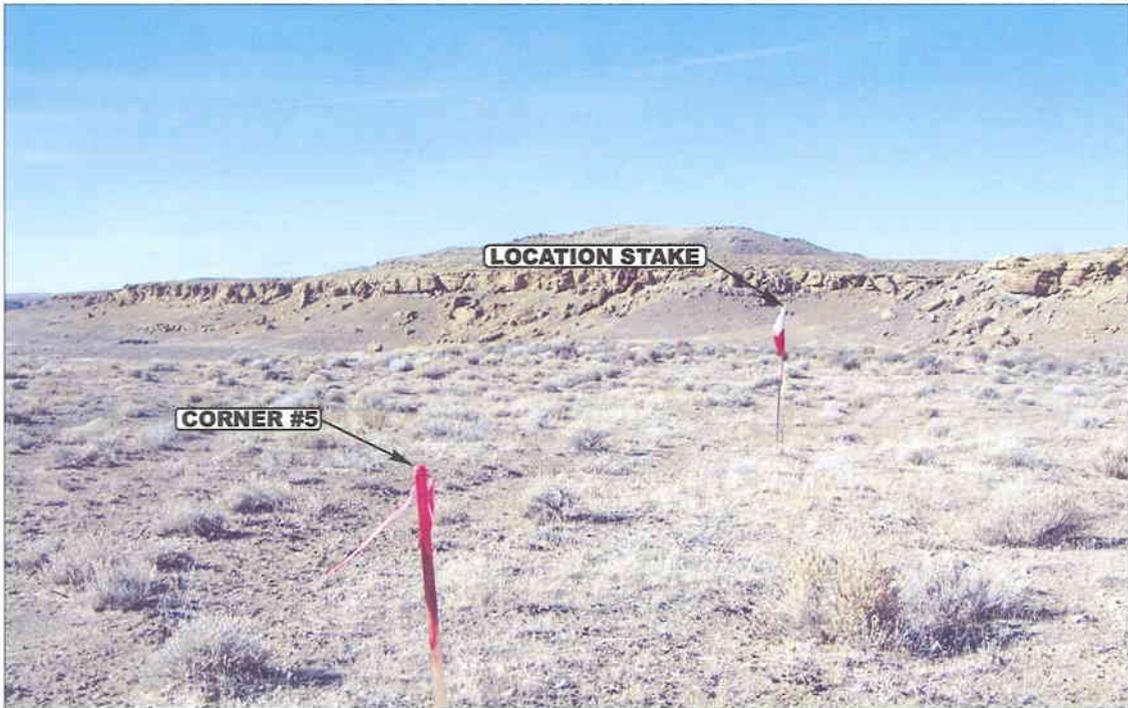


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

12 06 05
MONTH DAY YEAR

PHOTO

TAKEN BY: P.J. | DRAWN BY: L.K. | REVISED: 01-16-06

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19B

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 19, T10S, R22E, S.L.B.&M.

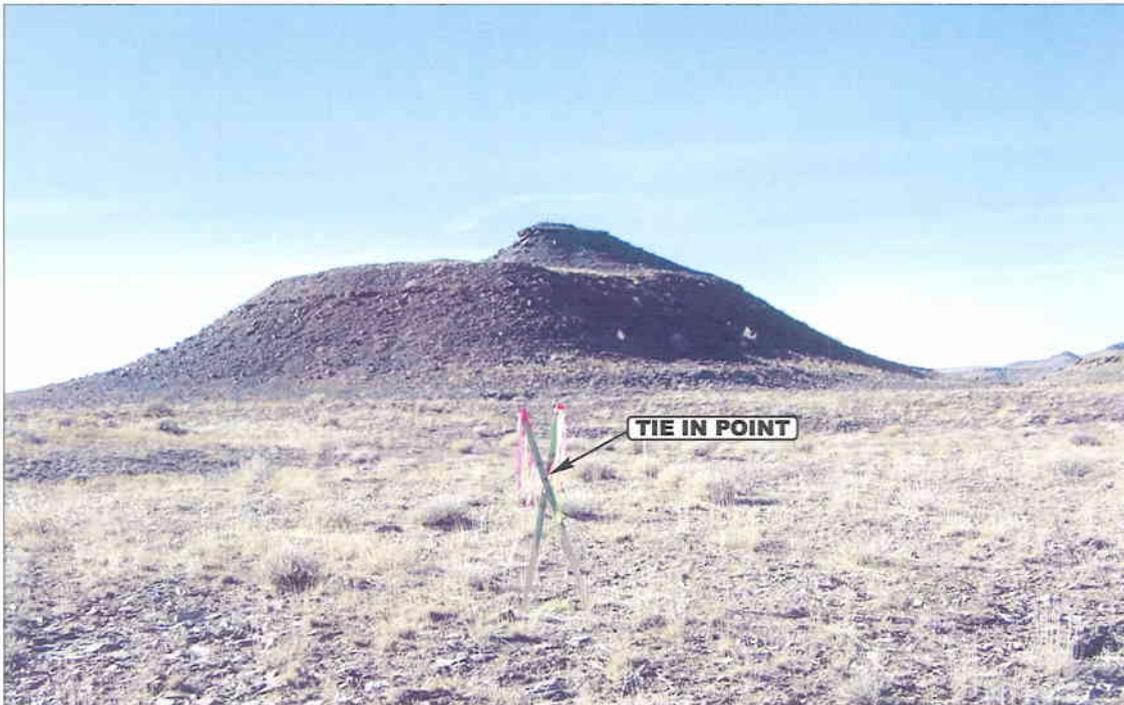


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

PIPELINE PHOTO

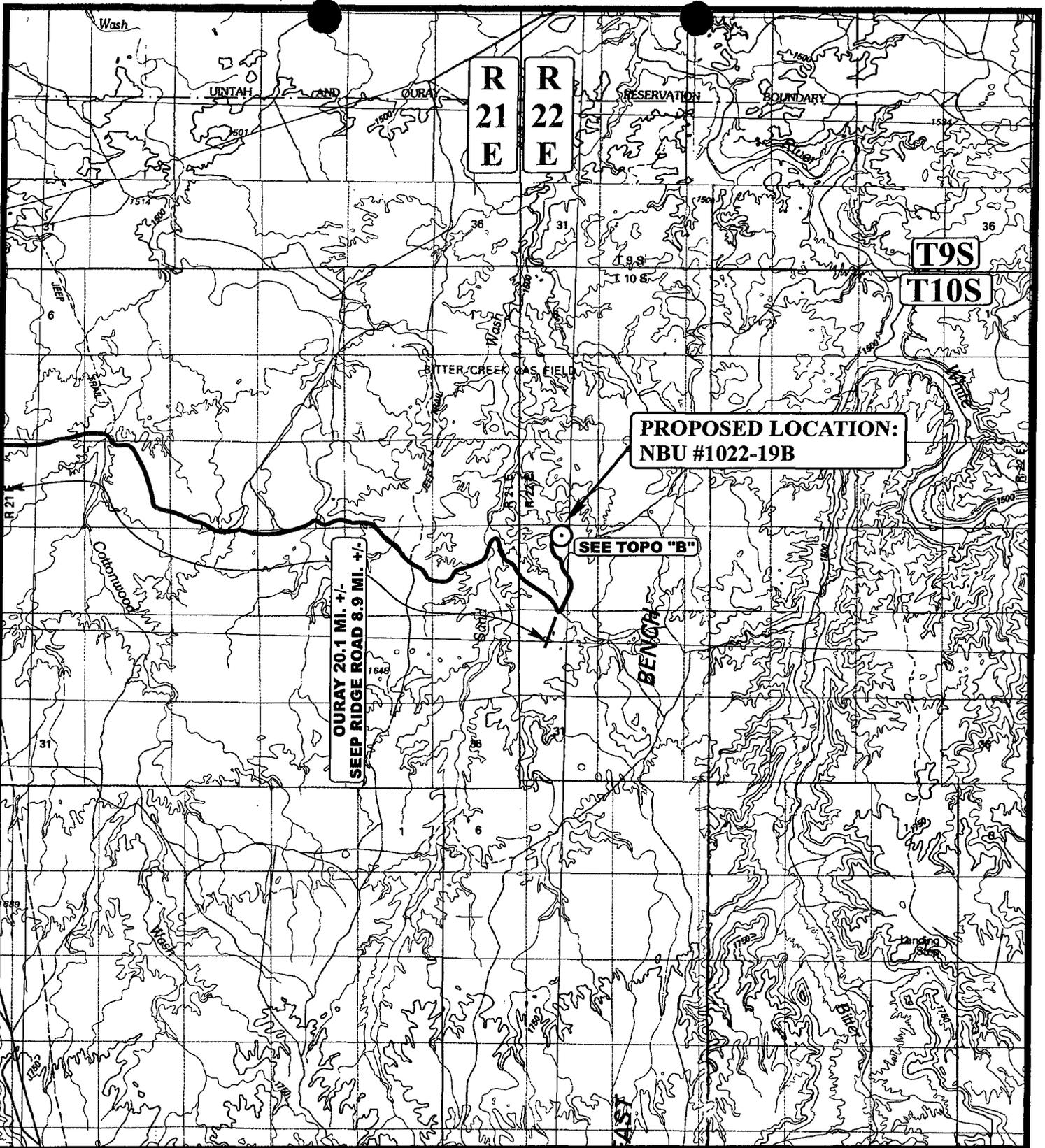
12 06 05
MONTH DAY YEAR

PHOTO

TAKEN BY: P.J.

DRAWN BY: L.K.

REVISED: 01-16-06



LEGEND:

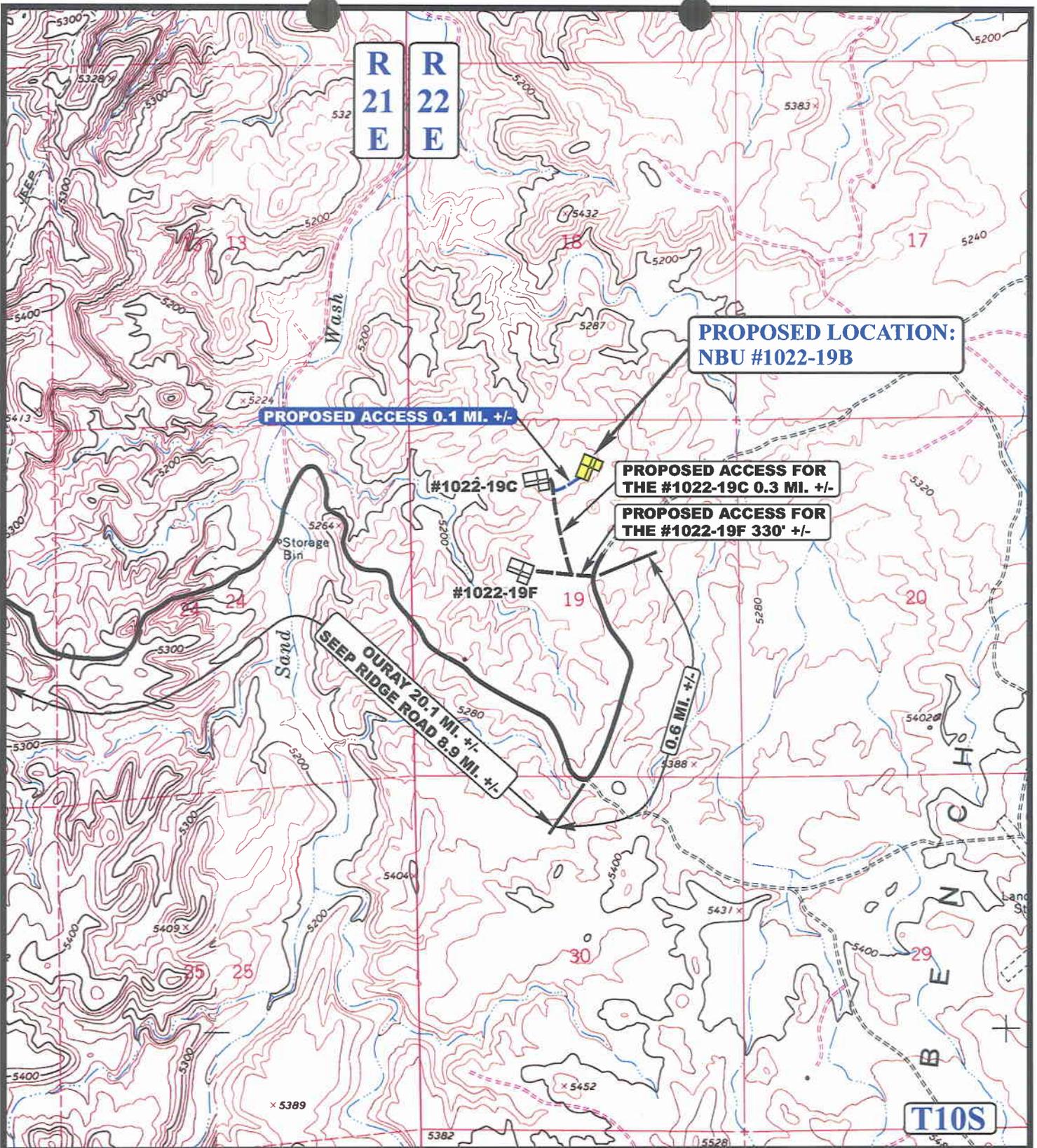
⊙ PROPOSED LOCATION



NBU #1022-19B
SECTION 19, T10S, R22E, S.L.B.&M.
696' FNL 2180' FEL

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

TOPOGRAPHIC 12 06 05
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 01-16-06 **TOPO**



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

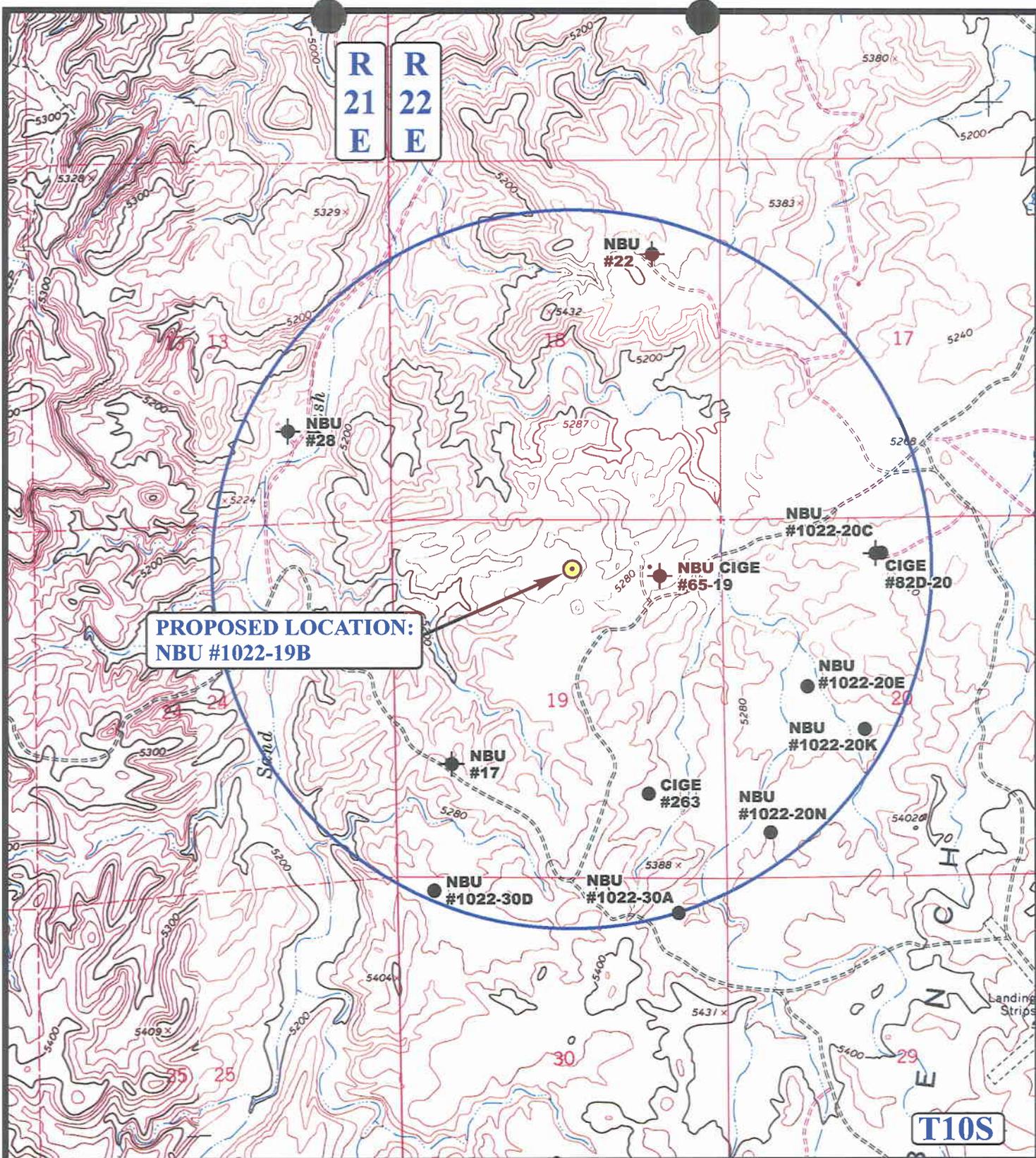


Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19B
SECTION 19, T10S, R22E, S.L.B.&M.
696' FNL 2180' FEL

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

TOPOGRAPHIC **12 06 05**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 01-16-06 **B**
 TOPO



**PROPOSED LOCATION:
NBU #1022-19B**

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊘ DISPOSAL WELLS | ⊘ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



Kerr-McGee Oil & Gas Onshore LP

**NBU #1022-19B
SECTION 19, T10S, R22E, S.L.B.&M.
696' FNL 2180' FEL**



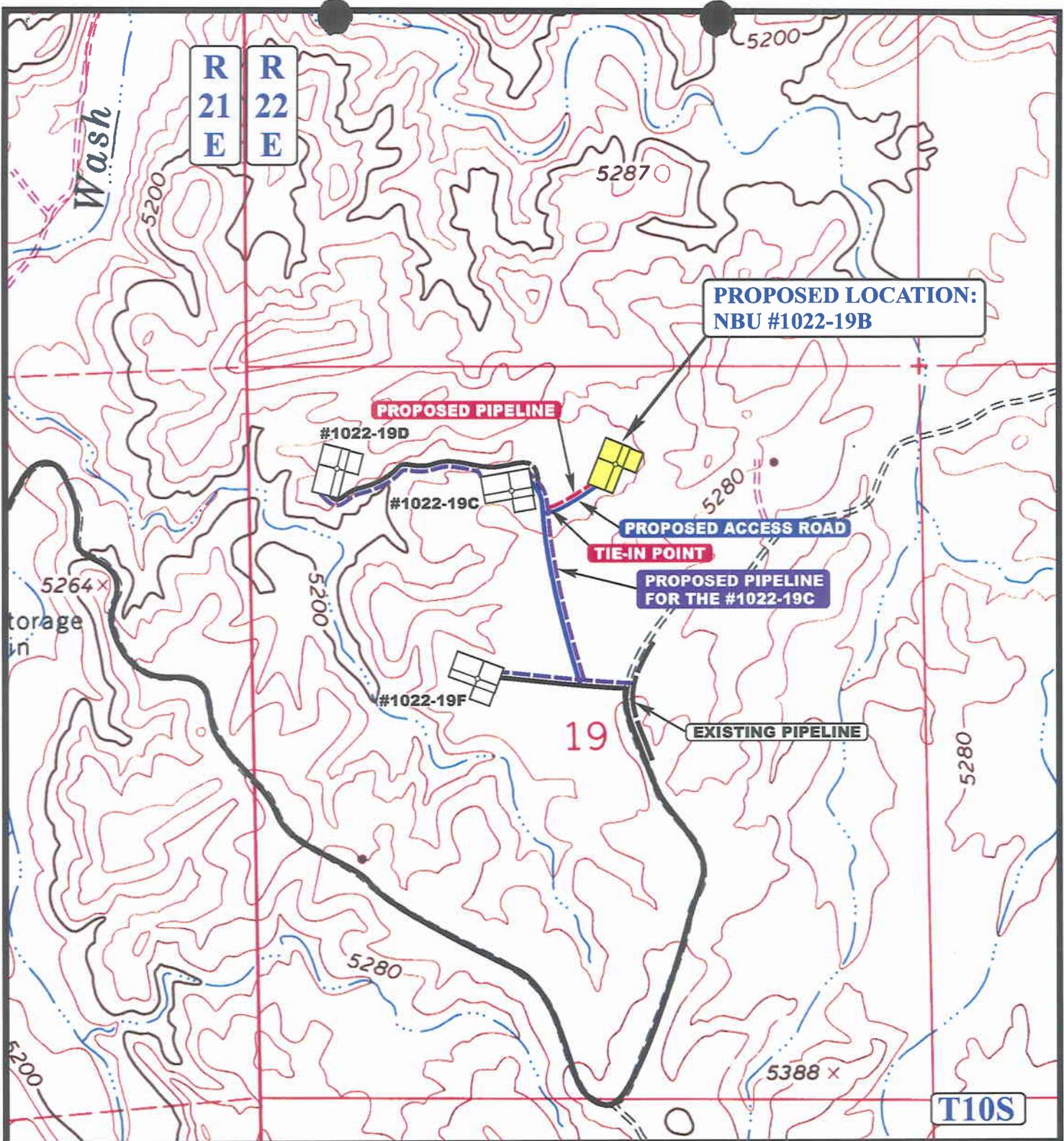
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

12 06 05
MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 01-16-06



APPROXIMATE TOTAL PIPELINE DISTANCE = 375' +/-

LEGEND:

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

N



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19B

SECTION 19, T10S, R22E, S.L.B.&M.

696' FNL 2180' FEL



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

TOPOGRAPHIC
MAP

12 06 05
 MONTH DAY YEAR

SCALE: 1" = 1000'

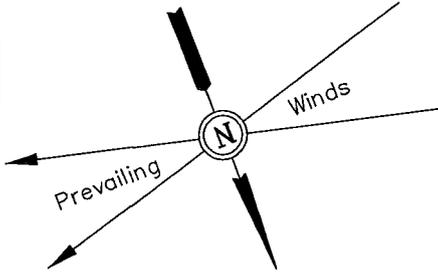
DRAWN BY: L.K.

REVISED: 01-16-06



LOCATION LAYOUT FOR

NBU #1022-19B
SECTION 19, T10S, R22E, S.L.B.&M.
696' FNL 2180' FEL



SCALE: 1" = 50'
DATE: 12-09-05
Drawn By: P.M.
Revised: 01-15-06

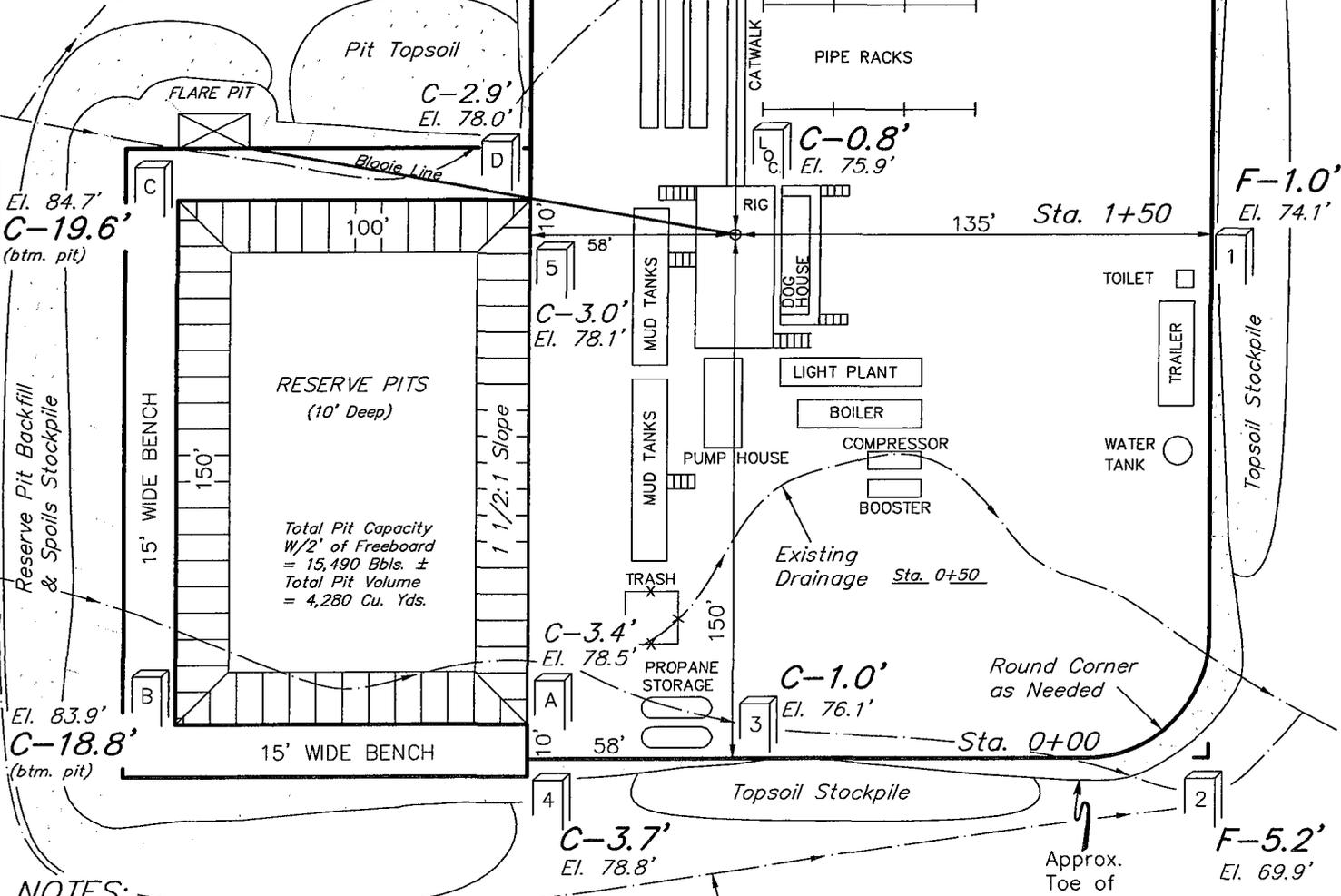


CONSTRUCT DIVERSION DITCH

Approx. Top of Cut Slope

Install CMP as Needed

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5275.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 5275.1'

CONSTRUCT DIVERSION DITCH

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

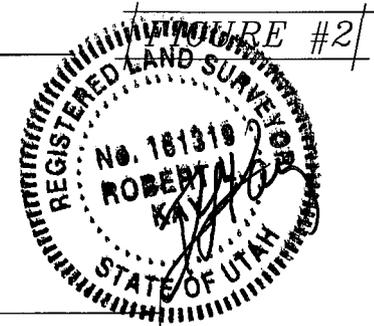
Kerr-McGee Oil & Gas Onshore LP

TYPICAL CROSS SECTIONS FOR

NBU #1022-19B

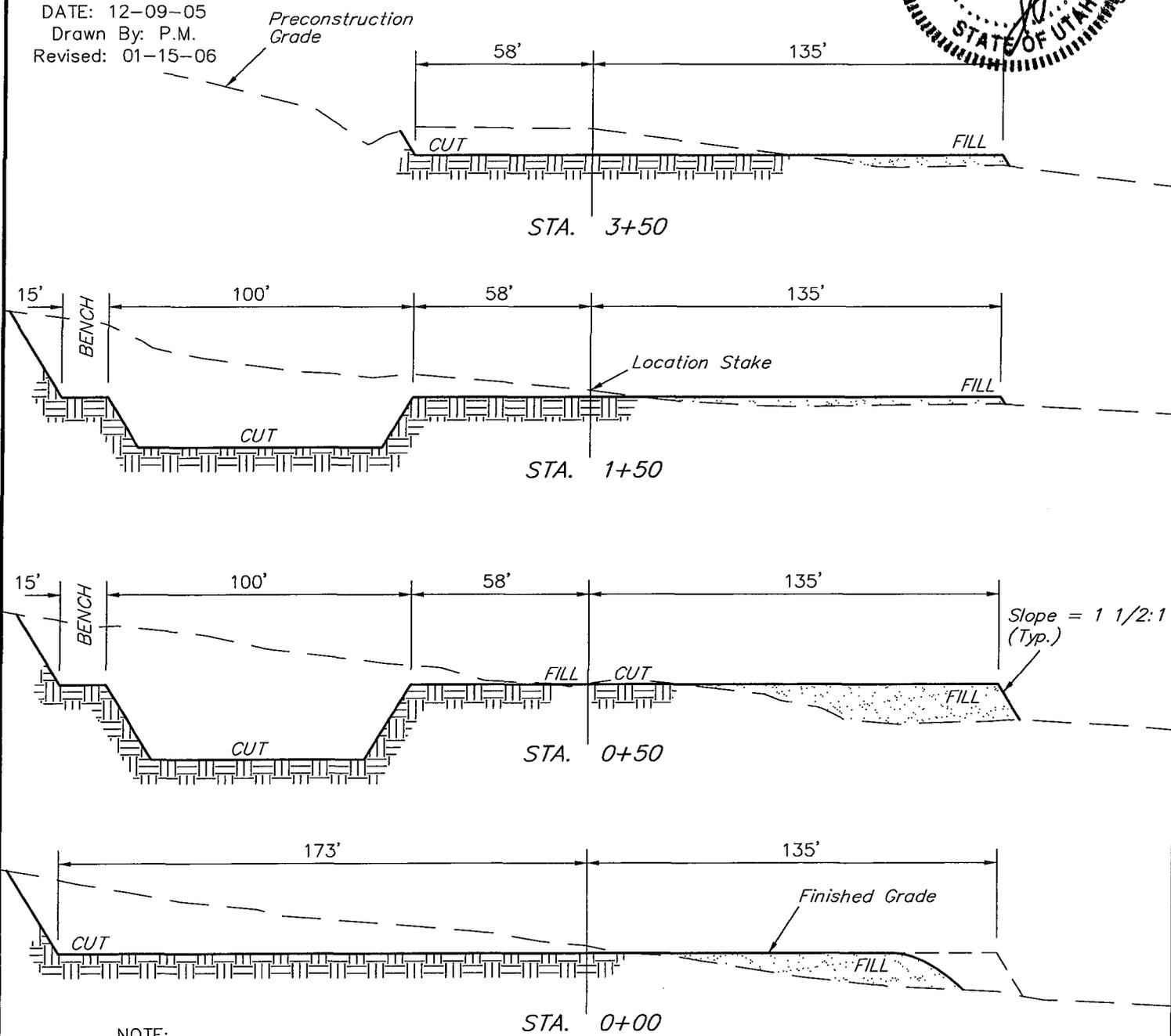
SECTION 19, T10S, R22E, S.L.B.&M.

696' FNL 2180' FEL



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

DATE: 12-09-05
Drawn By: P.M.
Revised: 01-15-06



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,860 Cu. Yds.
Remaining Location	= 9,760 Cu. Yds.
TOTAL CUT	= 11,620 CU.YDS.
FILL	= 4,440 CU.YDS.

EXCESS MATERIAL	= 7,180 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,000 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,180 Cu. Yds.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2006

API NO. ASSIGNED: 43-047-37779

WELL NAME: NBU 1022-19B

OPERATOR: WESTPORT OIL & GAS CO (N2115)

PHONE NUMBER: 435-781-7060

CONTACT: DEBRA DOMENICI

PROPOSED LOCATION:

NWNE 19 100S 220E

SURFACE: 0696 FNL 2180 FEL

BOTTOM: 0696 FNL 2180 FEL

COUNTY: UINTAH

LATITUDE: 39.93965 LONGITUDE: -109.4801

UTM SURF EASTINGS: 629856 NORTHINGS: 4421955

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	Dred	3/14/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-20714

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0005236)
- N Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- N RDCC Review (Y/N)
(Date: _____)
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

LOCATION AND SITING:

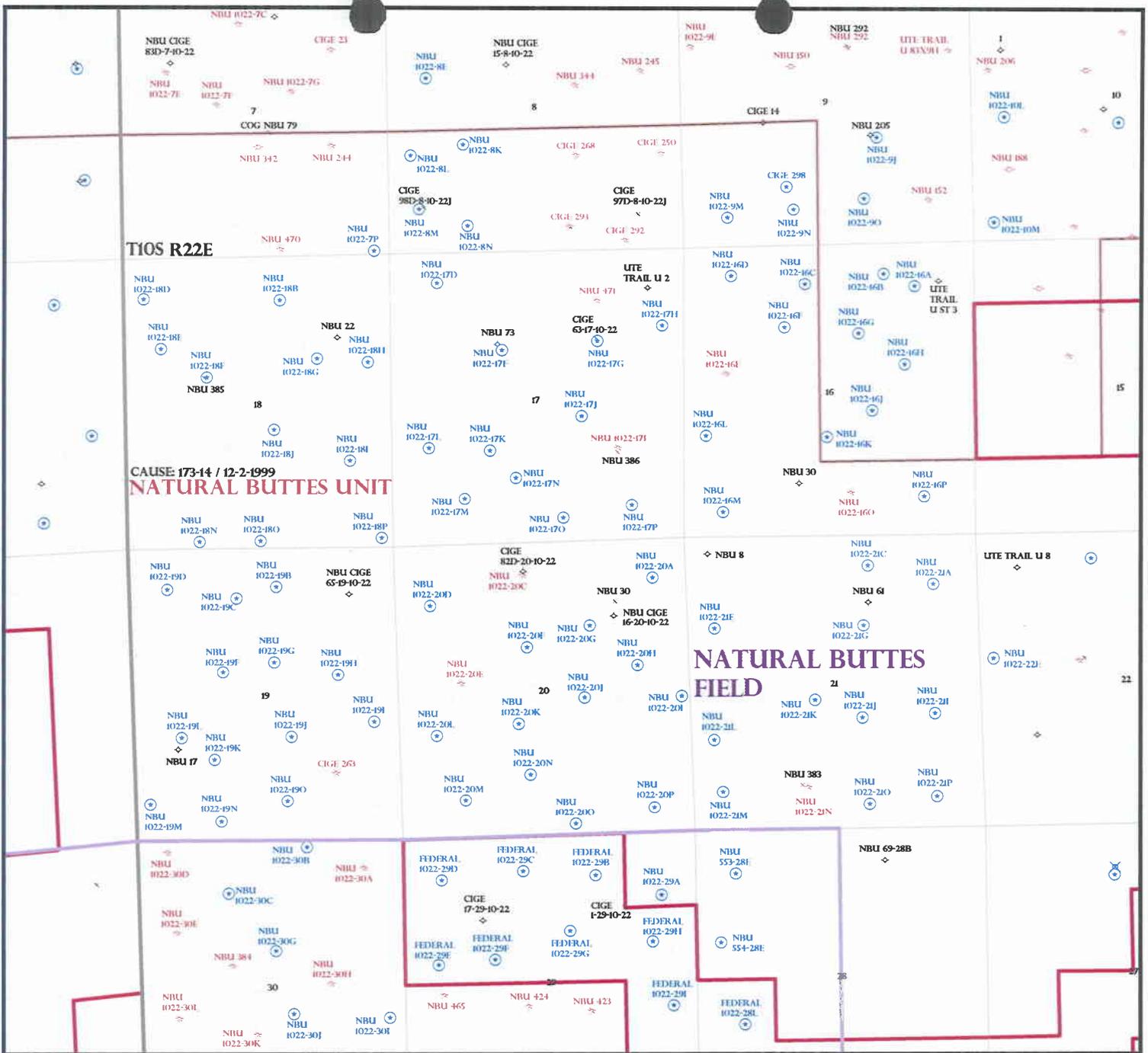
- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 400' fr u body? uncomm. tract
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (03-23-06)

STIPULATIONS:

- 1-OIL SHALE
- 2-STATEMENT OF BASIS
- 3-Surface Csg Cont. Stip.



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 16,18,19 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



PREPARED BY: DIANA WHITNEY
DATE: 16-FEBRUARY-2006

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Westport Oil & Gas Company, L.P.
WELL NAME & NUMBER: NBU 1022-19B
API NUMBER: 43-047-37779
LOCATION: 1/4,1/4 NW/NE Sec: 19TWP: 10S RNG: 22E ; 696' FNL 2180' FEL

Geology/Ground Water:

Westport proposes to set 1,850' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,300'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 19. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The production casing cement should be brought above the base of the moderately saline groundwater to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 03/06/06

Surface:

The pre-drill investigation of the surface was performed on February 23, 2006. The site is State surface and State Mineral. The proposed location poses no obvious problems for drilling and appears to be the best location for drilling a well in the immediate area.

Ed Bonner and Jim Davis of SITLA and Ben Williams of UDWR were invited to attend the presite on Feb.14, 2006. Mr. Davis and Mr. Williams attended.

Mr. Williams of the UDWR stated that the area is classified as critical yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. No other wildlife are expected to be affected. He gave Mr. Davis and Mr. Estes copies of his write-up and a DWR recommended seed mix to use on the reserve pit and when closing the location.

This predrill investigation was conducted on a cool sunny day.

Reviewer: Floyd Bartlett **Date:** 03/03/2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt sub-liner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Westport Oil & Gas Company, L.P.

WELL NAME & NUMBER: NBU 1022-19B

API NUMBER: 43-047-37779

LEASE: ML-20714 **FIELD/UNIT:** Natural Buttes

LOCATION: 1/4, 1/4 NW/NE Sec: 19 TWP: 10S RNG: 22E ; 696' FNL 2180' FEL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): 4421955 Y 0629856 X **SURFACE OWNER:** State of Utah (SITLA)

PARTICIPANTS

Floyd Bartlett and David Hackford (DOGM), Carol (Estes Westport), Debora Domenici (Westport), Clay Einerson (Westport), David Kay (Uintah Engineering & Land Survey), Jim Davis (SITLA), Ben Williams (Utah Division of Wildlife Resources).

REGIONAL/SETTING TOPOGRAPHY

General area is the Sand Wash Drainage of Uintah, County. Sand Wash is approximately 36 air miles south of Vernal, Utah and approximately 21 miles southeast of Ouray, Utah. Access is by State of Utah Highway, Uintah County and oilfield development roads.

Topography is characterized by broad open flats dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. White River is to the northeast about 4 miles. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

This site is in a flat basin surrounded on the north to the southeast by low hills with bedrock sandstone outcrops. The location goes to the toe of the slope of one of these hills. It has a slight slope to the west and will intersect 3 small drainages, which are planned for diversion around the pad. Approximately 0.1 mile of new road will be constructed to reach the location.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep grazing, limited hunting and recreation.

PROPOSED SURFACE DISTURBANCE: Location of 350' x 193' and a reserve pit of 100' x 150' x 10 feet deep and an additional 15' wide bench. Approximately 0.1 mile of new road will be required. All material for the location and road will be obtained onsite.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See attached map from GIS data base.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. A surface pipeline 375 feet in length will follow the access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as the general use in the area is oil-field related with numerous other wells in the surrounding area.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Poorly vegetated desert type vegetation consisting of cheat grass, shadscale, halogeton and horsebrush. Antelope, rabbits, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Deep sandy loam. Some small surface rock pavement exists.

EROSION/SEDIMENTATION/STABILITY: Little natural erosion. Three small drainages intersect the location and are planned for diversion around the pad. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion.

PALEONTOLOGICAL POTENTIAL: Survey completed by IPC on 11/06/05 and furnished for the file.

RESERVE PIT

CHARACTERISTICS: 100' by 150' and 10' deep. The reserve pit within a cut on the south east side of the location. A 15' wide bench is planned around the outer edges and 2' of freeboard.

LINER REQUIREMENTS (Site Ranking Form attached): Level 1 sensitivity. A 16 mil liner with a felt pad will be required for the reserve pit.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: Site was surveyed by MOAC on 10/05/05. A copy has been furnished to SITLA.

OTHER OBSERVATIONS/COMMENTS

Ben Williams of the UDWR stated that the area is classified as critical yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. No other wildlife is expected to be affected.

This predrill investigation was conducted on a cool sunny day.

ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

02/23/06; 4:30 PM

DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 25 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level I = 15-19; lining is discretionary.

Sensitivity Level II = below 15; no specific lining is required.





03-06 Westport NBU 1022-9B
Casing Schematic

Uinta

Surface

9-5/8"
MW 8.4
Frac 19.3

Surface
1850. MD

BHP
 $(1052)(11)(8800) = 5033$
Anticipate 5456

Gao
 $(10)(8800) = 1056$
MASP = 4400

BOPE - 5,000 ✓

Seaf Csg - 2270
70% = 1589

Max pressure @ Seaf Csg shoe = 3927

✓ Test to 1500# (as proposed)

✓ Adequate DWD 3/14/06

4-1/2"
MW 11.

Production
8800. MD

TOC @ 0. TOC @ 0.

1170 Green River

1377 Toc Tail

✓ w/ 8% Washout
+ Surface Strip

3672 Toc Tail

4370 Washout

5300 Bmsw

✓ w/ 17% Washout

6750 Mesaverde

Well name:	03-06 Westport NBU 1022-19B	
Operator:	Westport Oil & Gas	Project ID:
String type:	Surface	43-047-37779
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,628 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 1,850 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Butress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 1,622 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 101 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 9,400 ft
 Next mud weight: 11.000 ppg
 Next setting BHP: 5,371 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,850 ft
 Injection pressure: 1,850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	1850	9.625	32.30	H-40	ST&C	1850	1850	8.876	117.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	807	1370	1.697	1850	2270	1.23	52	254	4.85 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: (810) 538-5280
 FAX: (801) 359-3940

Date: March 7, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1850 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	03-06 Westport NBU 1022-19B		
Operator:	Westport Oil & Gas		
String type:	Production		Project ID:
			43-047-37779
Location:	Uintah County, Utah		

Design parameters:

Collapse
 Mud weight: 11.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:
 Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 198 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Burst

Max anticipated surface pressure: 3,973 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 5,029 psi

Burst:

Design factor 1.00

Cement top: Surface

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 7,353 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8800	4.5	11.60	M-80	LT&C	8800	8800	3.875	204
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5029	6350	1.263	5029	7780	1.55	85	267	3.13 B

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: (810) 538-5280
 FAX: (801) 359-3940

Date: March 7, 2006
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 8800 ft, a mud weight of 11 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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)

March 2, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Natural Buttes Unit Uintah
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Wasatch-MesaVerde)		
43-047-37738	NBU 1022-19F	Sec 19 T10S R22E 2239 FNL 1622 FWL
43-047-37739	NBU 1022-19D	Sec 19 T10S R22E 0732 FNL 0640 FWL
43-047-37740	NBU 1022-19C	Sec 19 T10S R22E 0896 FNL 1891 FWL
43-047-37765	NBU 1022-16J	Sec 16 T10S R22E 2302 FSL 1901 FEL
43-047-37766	NBU 1022-16P	Sec 16 T10S R22E 0724 FSL 0973 FEL
43-047-37767	NBU 1022-16L	Sec 16 T10S R22E 1904 FSL 0343 FWL
43-047-37768	NBU 1022-18H	Sec 18 T10S R22E 1947 FNL 0465 FEL
43-047-37769	NBU 1022-18G	Sec 18 T10S R22E 1870 FNL 1383 FEL
43-047-37770	NBU 1022-18I	Sec 18 T10S R22E 1592 FSL 0803 FEL
43-047-37771	NBU 1022-18E	Sec 18 T10S R22E 1656 FNL 0606 FWL
43-047-37772	NBU 1022-18J	Sec 18 T10S R22E 2158 FSL 2171 FEL
43-047-37773	NBU 1022-18N	Sec 18 T10S R22E 0125 FSL 1249 FWL
43-047-37774	NBU 1022-18B	Sec 18 T10S R22E 0818 FNL 2040 FEL
43-047-37775	NBU 1022-18P	Sec 18 T10S R22E 0169 FSL 0249 FEL
43-047-37776	NBU 1022-18D	Sec 18 T10S R22E 0765 FNL 0311 FWL
43-047-37777	NBU 1022-18O	Sec 18 T10S R22E 0134 FSL 2445 FEL
43-047-37783	NBU 1022-19K	Sec 19 T10S R22E 1509 FSL 1427 FWL
43-047-37778	NBU 1022-19H	Sec 19 T10S R22E 2298 FNL 1086 FEL
43-047-37779	NBU 1022-19B	Sec 19 T10S R22E 0696 FNL 2180 FEL
43-047-37780	NBU 1022-19G	Sec 19 T10S R22E 2069 FNL 2241 FEL
43-047-37781	NBU 1022-19I	Sec 19 T10S R22E 2135 FSL 0460 FEL
43-047-37782	NBU 1022-19O	Sec 19 T10S R22E 0740 FSL 2065 FEL
43-047-37734	NBU 1021-27E	Sec 27 T10S R21E 1862 FNL 0535 FWL
43-047-37728	NBU 1021-28G	Sec 28 T10S R21E 1952 FNL 1971 FEL
43-047-37721	NBU 1021-13C	Sec 13 T10S R21E 0576 FNL 1772 FWL
43-047-37722	NBU 1021-13A	Sec 13 T10S R21E 0651 FNL 1311 FEL

Page 2

43-047-37723	NBU 1021-13G	Sec 13	T10S	R21E	1444	FNL	2651	FEL
43-047-37724	NBU 1021-13K	Sec 13	T10S	R21E	1935	FSL	1486	FWL
43-047-37725	NBU 1021-13I	Sec 13	T10S	R21E	2353	FSL	0668	FEL
43-047-37727	NBU 1021-13O	Sec 13	T10S	R21E	0777	FSL	1573	FEL
43-047-37761	NBU 920-20P	Sec 20	T09S	R20E	0769	FSL	0978	FEL
43-047-37760	NBU 920-20O	Sec 20	T09S	R20E	0842	FSL	1913	FEL
43-047-37759	NBU 920-20N	Sec 20	T09S	R20E	0803	FSL	1885	FWL
43-047-37758	NBU 920-20M	Sec 20	T09S	R20E	0630	FSL	0838	FWL
43-047-37757	NBU 920-20L	Sec 20	T09S	R20E	2104	FSL	0827	FWL
43-047-37756	NBU 920-20J	Sec 20	T09S	R20E	1466	FSL	1653	FEL
43-047-37755	NBU 920-20I	Sec 20	T09S	R20E	1955	FSL	0717	FEL
43-047-37732	NBU 920-22E	Sec 22	T09S	R20E	2009	FNL	0756	FWL
43-047-37764	NBU 920-24M	Sec 24	T09S	R20E	0614	FSL	0851	FWL
43-047-37753	NBU 920-14M	Sec 14	T09S	R20E	0536	FSL	0612	FWL
43-047-37754	NBU 920-14N	Sec 14	T09S	R20E	0732	FSL	1805	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

From: Ed Bonner
To: Whitney, Diana
Date: 3/21/2006 2:04:01 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Delta Petroleum Corporation

Greentown State 36-11 (Cleared alternative location)
Greentown State 32-43 (Cleared alternative location)
Salt Valley State 25-12 (Cleared alternative road alignment)

EOG Resources, Inc

Natural Buttes Unit 438-19E
Natural Buttes Unit 439-19E
Natural Buttes Unit 562-19E
Natural Buttes Unit 563-19E
Natural Buttes Unit 565-30E

Gasco Production Company

Uteland State 21-2-10-18
Uteland State 12-2-10-18

QEP Uinta Basin, Inc

RW 24-16BG
BBE 9W-16-7-21

Westport Oil & Gas Company

NBU 1022-18G (two significant sites along pipeline corridor must be avoided)
NBU 1022-19B
NBU 1022-19H
NBU 1022-19I
NBU 1022-19O

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 22, 2006

Westport Oil & Gas Company, LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-19B Well, 696' FNL, 2180' FEL, NW NE, Sec. 19,
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 43-047-37779.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Westport Oil & Gas Company, LP
Well Name & Number Natural Buttes Unit 1022-19B
API Number: 43-047-37779
Lease: ML-20714

Location: NW NE Sec. 19 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**

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

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2

43-047-37779

March 22, 2006

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

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

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203
 BIA BOND = RLB0005239

APPROVED 5116106

Earlene Russell
 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

SEE ATTACHED

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

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

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

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

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

RECEIVED
 MAY 10 2006

DIV. OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date 5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
2. NAME OF OPERATOR: Kerr McGee Oil and Gas Onshore LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696' FNL 2180' FEL		8. WELL NAME and NUMBER: NBU 1022-19B
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		9. API NUMBER: 4304737779
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

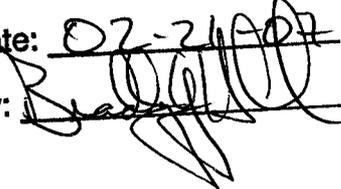
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

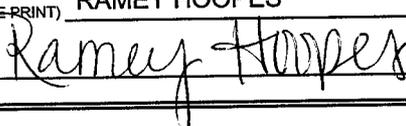
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 22, 2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-21-07
By: 

2-22-07
RM

NAME (PLEASE PRINT) <u>RAMEY HOOPES</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE 	DATE <u>2/12/2007</u>

(This space for State use only)

RECEIVED

FEB 20 2007

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

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

API: 4304737779
Well Name: NBU 1022-19B
Location: NWNE, SEC 19-T10S-R22E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 3/22/2006

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

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

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

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

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

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

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

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

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

Ramey Hoopes
Signature

2/12/2007
Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil & Gas Onshore LP

RECEIVED
FEB 20 2007
DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

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

Well Name: NBU 1022-19B

Api No: 43-047-37779 Lease Type: STATE

Section 19 Township 10S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 08/20/07

Time 11:00 AM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 08/21/07 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737779	NBU 1022-19B		NWNE	19	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	8/20/2007			8/28/07	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 08/20/2007 AT 1100 HRS							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

8/21/2007

Title

Date

RECEIVED

AUG 21 2007

(5/2000)

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-19B
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		9. API NUMBER: 4304737779
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696'FNL, 2180'FEL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		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 (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: WELL SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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 08/20/2007 AT 1100 HRS.

NAME (PLEASE PRINT) SHILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 8/21/2007

(This space for State use only)

RECEIVED
SEP 04 2007
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696'FNL, 2180'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		8. WELL NAME and NUMBER: NBU 1022-19B
		9. API NUMBER: 4304737779
		10. 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SET SURFACE CSG
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

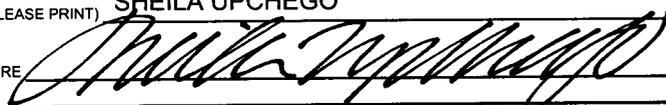
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU BILL MARTIN AIR RIG ON 08/28/2007. DRILLED 12 1/4" SURFACE HOLE TO 2040'. RAN 9 5/8" 50 JTS OF 32.3# H-40 AND 2 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. GOOD CMT TO SURFACE. HOLE STAYED FULL.

WORT

RECEIVED
SEP 10 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 9/4/2007

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 20714
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR-McGEE OIL & GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-19B
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304737779
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696'FNL-2180'FEL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		COUNTY: UINTAH
		STATE: UTAH

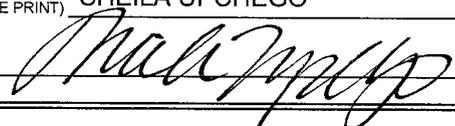
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: FINAL DRILLING OPERATIONS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

FINISHED DRILLING FROM 8250' TO 8600 ON 10/02/2007. RAN 41/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/293 SX PREM LITE II @ 11.0 PPG 3.38 YLD. TAILED CMT W/1200 SX 50/50 POZ @ 14.3 PPG 1.3 YLD. DISPLACE W/132 BBLs OF WATER W/ CLAYSTAY & MAGNACIDE TO BUMP PLUG W/3260 PSI. RELEASE PSI AND FLOATS HELD. HAD FULL RETURNS WITH 17 BBLs CMT CIRCULATED TO SURFACE. WASH STACK, LAND CSG W/75 STRING WT. TEST HEAD TO 5000 PSI. RIG DOWN BJ CEMENTERS. NO BOPS. CLEAN PITS. RELEASE RIG 53 17:00 HRS 10/03/2007.

RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>SENIOR LAND ADMIN SPECIALIST</u>
SIGNATURE <u></u>	DATE <u>10/5/2007</u>

(This space for State use only)

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
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3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696'FNL, 2180'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		8. WELL NAME and NUMBER: NBU 1022-19B
		9. API NUMBER: 4304737779
		10. 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>PRODUCTION START-UP</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 12/12/2007 AT 11:30 AM.
 PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED
DEC 24 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>SENIOR LAND ADMIN SPECIALIST</u>
SIGNATURE 	DATE <u>12/13/2007</u>

(This space for State use only)



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

CHRONOLOGICAL WELL HISTORY

NBU 1022-19B
 NWE SEC.19, T10S, R22E
 UINTAH COUNTY, UT

DATE	ACTIVITY	STATUS
08/20/07	SET CONDUCTOR PIONEER 53	
08/28/07	SET AIR RIG PIONEER 53	
08/03/07	9 5/8" @ 2019' PIONEER 53	WORT
09/25/07	TD: 2040' Csg. 9 5/8" @ 2019' MW: 8.4 SD: 9/X/07 DSS: 0 RDRT and move from NBU 1022-18A. RURT. 80% rigged up @ report time.	
09/26/07	TD: 2040' Csg. 9 5/8" @ 2019' MW: 8.4 SD: 9/X/07 DSS: 0 RURT. NU and test BOPE. Problems w/ super choke. Finish test. PU BHA @ report time.	
09/27/07	TD: 2040' Csg. 9 5/8" @ 2019' MW: 8.4 SD: 9/X/07 DSS: 0 PU DP and tag cmt. Attempt to drill cmt but determined junk in hole. TOO H and p/u mill and junk bskt. TIH and mill f/ 1980'-2010'. TOO H and p/u PDC. Drill cmt and FE @ report time.	
09/28/07	TD: 4422' Csg. 9 5/8" @ 2019' MW: 8.6 SD: 9/27/07 DSS: 1 Rotary spud @ 0600 hrs on 9/27/07. Drill f/ 2040'-4422'. DA @ report time.	
10/01/07	TD: 8250' Csg. 9 5/8" @ 2019' MW: 10.2 SD: 9/27/07 DSS: 4 Drill f/ 4422'-6983'. TFNB. Drill to 8250'. DA @ report time.	
10/02/07	TD: 8600' Csg. 9 5/8" @ 2019' MW: 10.9 SD: 9/27/07 DSS: 5 Drill from 8250'-8600' TD. CBU and short trip. Prepare to LDDS @ report time.	
10/03/07	TD: 8600' Csg. 9 5/8" @ 2019' MW: 10.9 SD: 9/27/07 DSS: 6 LDDS. Run Triple Combo. RU and run 4 1/2" Production Casing @ report time.	
10/04/07	TD: 8600' Csg. 9 5/8" @ 2019' MW: 10.9 SD: 9/27/07 DSS: 4 Run and cement 4 1/2" Production Casing. Set slips and release rig @ 1700 hrs 10/3/07. RDRT.	
11/30/07	MIRIG Days On Completion: 1 Remarks: 7:AM HSM. RU RIG. ND WELLHEAD, NU FRAC VALVES. RU CUTTERS. RUN CBL FROM 8494' TO SURF. FILL WELL. RU DBL JACK, PRES TEST TO 7500 PSI, HELD. RIH & PERF W/ 3 3/8" GUN. 23 GM. 8215-18, 4SPF, 8302-04', 3SPF . 8390-92', 4SPF. 8421-26, 4SPF.46 HOLES TOTAL.SWI	
12/03/07	Frac Days On Completion: 5	

Remarks: 7:00, DAY #3, MIRU WTHRFRD FRAC EQUIP, VALVES & TRUCKS FROZE UP .
12:00 READY TO FRAC

STG #1] WHP=900#, BRK DN PERFS @ 3886#, INJT RT=50.5 BPM, INJT PSI=4750#,
ISIP=2706#, FG=.76 PUMP'D 1933 BBLS SLK/WTR W/ 60959# 30/50 MESH, ISIP=3108#,
FG=.81, AR=50.3, AP=4459#, MR=50.7, MP=6544#, NPI=402# 38/46 PERFS OPEN [83%]

STG #2] P/U RIH W/ BKR 8K CBP & 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF. SET CBP &
7820', PERF MESAVERDE 7645'-7650', 7785'-7790' [40 HOLES] WHP=500#, BRK DN PERS
@ 2780#, INJT RT=50 BPM. INJ PSI=4850#, ISIP=1922#, GF=.69, PUMP'D 768 BBLS
SLK/WTR W/ 24000# 30/50 MESH SAND, ISIP=2442#, FG=.75, AR=50.1, AP=5012#, MR=50.5,
MP=5652#, NPI=520#, 24/40 PERFS OPEN, [60%]

STG #3] P/U RIH W/ BKR 8K CBP & 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF. SET CBP
@ 7561', PERF MESAVERDE 7229'-7232', 7306'-7310', 7412'-7413', 7457'-7459', 7529'-7531',
[46 HOLES] SWIFN. 5:30 WHP=650#, BRK DN PERS @ 3735#, INJT RT=50 BPM. INJ
PSI=4000#, ISIP=1771#, GF=.68, PUMP'D 2313 BBLS SLK/WTR W/ 87545# 30/50 MESH
SAND, ISIP=2392#, FG=.76, AR=50.3, AP=3722#, MR=51.2, MP=5835#, NPI=621#, 30/46
PERFS OPEN,

STG #4] P/U RIH W/ BKR 8K CBP & 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF. SET CBP
@ 713335', PERF MESAVERDE 6857'-6860', 6912'-6914', 7089'-7093', 7113'-7115' [42 HOLES]
WHP=1915#, BRK DN PERS @ 2303#, INJT RT=39 BPM. INJ PSI=3400#, ISIP=2065#, GF=.73,
PUMP'D 1229 BBLS SLK/WTR W/ 42736# 30/50 MESH SAND, ISIP=2527#, FG=.80, AR=39.5,
AP=3231#, MR=39.9, MP=3623#, NPI=465#, 42/42 PERFS OPEN,

12/04/07

Frac

Days On Completion: 6

Remarks: DAY #4] 7:30 HSM, OPEN WELL UP READY TO FRAC STG #3 @ 10:30,
WHP=650#, BRK DN PERS @ 3735#, INJT RT=50 BPM. INJ PSI=4000#, ISIP=1771#, GF=.68,
PUMP'D 2313 BBLS SLK/WTR W/ 87545# 30/50 MESH SAND, ISIP=2392#, FG=.76, AR=50.3,
AP=3722#, MR=51.2, MP=5835#, NPI=621#, 30/46 PERFS OPEN,

STG #4] P/U RIH W/ BKR 8K CBP & 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF. SET CBP
@ 7135', PERF MESAVERDE 6857'-6860', 6912'-6914', 7089'-7093', 7113'-7115' [42 HOLES]
WHP=1915#, BRK DN PERS @ 2303#, INJT RT=39 BPM. INJ PSI=3400#, ISIP=2065#, GF=.73,
PUMP'D 1229 BBLS SLK/WTR W/ 42736# 30/50 MESH SAND, ISIP=2527#, FG=.80, AR=39.5,
AP=3231#, MR=39.9, MP=3623#, NPI=465#, 42/42 PERFS OPEN,

STG #5] P/U RIH W/ BKR 8K CBP & 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF. SET CBP
@ 6527', PERF WASATCH 6167'-6170', 6402'-6407', 6494'-6497' [42 HOLES] WHP=0#, BRK
DN PERS @ 2245#, INJT RT=50.5 BPM. INJ PSI=3560#, ISIP=1326#, FG=.65, PUMP'D 882
BBLS SLK/WTR W/ 31236# 30/50 MESH SAND, ISIP=2092#, FG=.77, AR=50.5, AP=3455#,
MR=50.7, MP=3804#, NPI=766#, 44/44 PERFS OPEN

STG #6] P/U RIH W/ BKR 8K CBP & 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF. SET CBP
@ 5374', PERF WASACTH 5239'-5244', 5339'-5344', [40 HOLES] WHP=0#, BRK DN PERS @
2955#, INJT RT=40.7 BPM. INJ PSI=2880#, ISIP=969#, GF=.62, PUMP'D 1275 BBLS
SLK/WTR W/ 44468# 30/50 MESH SAND, ISIP=1584#, FG=.74, AR=40.6, AP=2403#, MR=41,
MP=3057#, NPI=615#, 40/40 PERFS OPEN,

P/U RIH W/ BKR 8K CBP FOR TOP KILL SET @ 5190', R/D CUTTERS WIRE LINE &
WTHRFRD FRAC EQUIP, SWIFN. 6:30

12/05/07

P/U tbg

Days On Completion: 7

Remarks: DAY #5] 7:00 HSM P/U 3-7/8 BIT W/ POBS PKG, TALLEY & P/U 2-3/8 TBG & TAG PLUG #1 @ 5190', P/U PWR SWVL EST CIRC DRL THROUGH CBP IN 8 MIN. O# PRESSURE INCREASE, CONTINUE TO RIH.

PLUG #2] TAG SAND @ 5344' [30' FILL] C/O & DRL THROUGH PLUG @ 5374' IN 10 MIN. O# PRESSURE INCREASE, CONTINUE TO RIH.

PLUG #3] TAG SAND @ 6497' [30' FILL] C/O & DRL THROUGH CBP @ 6527' IN 8 MIN. O# PRESSURE INCREASE, SWIFN. DRAINED EQUIP. 5:30

12/06/07

Final Report

Days On Completion: 8

Remarks: DAY #6] HSM OPEN WELL UP CSG=400#, TBG=0#, [PLUG #4] CONTINUE TO RIH TAG SAND @ 7125', [20' FILL] C/O RO CBP @ 7145' DRL THROUGH IN 15 MIN. 1000# INCREASE, CONTINUE TO RIH.

PLUG #5] TAG SAND @ 7531' [30' FILL] C/O TO CBP @ 7561' DRL THROUGH IN 12 MIN. 800# INCREASE. CONTINUE TO RIH. PLUG #6] TAG SAND @ 7805' C/O TO CBP

12/07/07

FLOWBACK REPORT: CP 800#, TP 650#, CK 20/64", 45 BWPH, LOAD REC'D 675 BBLS, LLTR 6525 BBLS

12/08/07

FLOWBACK REPORT: CP 1400#, TP 850#, CK 20/64", 15 BWPH, LOAD REC'D 1845 BBLS, LLTR 5355 BBLS

12/09/07

FLOWBACK REPORT: CP 2050#, TP 950#, CK 20/64", 20 BWPH, LOAD REC'D 2325 BBLS, LLTR 4875 BBLS

12/10/07

FLOWBACK REPORT: CP 1875#, TP 1075#, CK 20/64", 15 BWPH, LOAD REC'D 2685 BBLS, LLTR 4515 BBLS

12/11/07

FLOWBACK REPORT: CP 1800#, TP 1050#, CK 20/64", 15 BWPH, LOAD REC'D 3045 BBLS, LLTR 4155 BBLS

12/12/07

FLOWBACK REPORT: CP 1750#, TP 1050#, CK 20/64", 15 BWPH, LOAD REC'D 3405 BBLS, LLTR 3795 BBLS

WENT ON SALES: @ 11:30 AM, 900 MCF, 1675 TBG, 1050 CSG, 20/64 CK, 20 BBWH

12/13/07

FLOWBACK REPORT: CP 1700#, TP 1000#, CK 20/64", 15 BWPH, LOAD REC'D 3765 BBLS, LLTR 3435 BBLS

ON SALES: 359 MCF, 0 BC, 180 BW, TP: 1000#, CP: 1700#, 20/64 CHK, 1 HRS, LP: 12#.

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-20714

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____
b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

7. UNIT or CA AGREEMENT NAME
UNIT #891008900A

8. WELL NAME and NUMBER:
NBU 1022-19B

2. NAME OF OPERATOR:
KERR MCGEE OIL & GAS ONSHORE LP

9. API NUMBER:
4304737779

3. ADDRESS OF OPERATOR: **1368 S 1200 E** CITY **VERNAL** STATE **UT** ZIP **84078** PHONE NUMBER: **(435) 781-7024**

10 FIELD AND POOL, OR WILDCAT
NATURAL BUTTES

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **696'FNL, 2180'FEL**
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNE 19 10S 22E

12. COUNTY **UINTAH** 13. STATE **UTAH**

14. DATE SPUDDED: **8/20/2007** 15. DATE T.D. REACHED: **10/2/2007** 16. DATE COMPLETED: **12/12/2007** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5275'GL

18. TOTAL DEPTH: MD **8,600** TVD _____ 19. PLUG BACK T.D.: MD **8,550** TVD _____ 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL-CCL-GR

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 H-40	32.3# 36#		2,040		750			
7 7/8"	4 1/2 I-80	11.6#		8,600		1493			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7,611							

26. PRODUCING INTERVALS

27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	5,239	6,497			5,239 6,497	0.36	84	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	6,857	8,426			6,857 8,426	0.36	174	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5239'-6497'	PMP 2157 BBLs SLICK H2O & 75,704# 30/50 SD
6857'-8426'	PMP 6243 BBLs SLICK H2O & 215,240# 30/50 SD

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

PROD

RECEIVED

JAN 08 2008

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/12/2007	TEST DATE: 12/21/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 763	WATER - BBL: 436	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 534	CSG. PRESS. 1,476	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 12/12/2007	TEST DATE: 12/21/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 763	WATER - BBL: 436	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 534	CSG. PRESS. 1,476	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

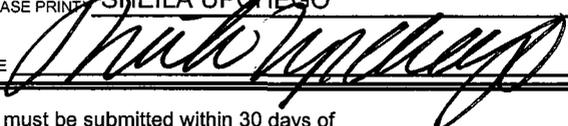
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,273 6,850	6,850			

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) SHEILA UPOHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE 

DATE 1/2/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-19B
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		9. API NUMBER: 4304737779
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696'FNL, 2180'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		10. 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 (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input 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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

THE OPERATOR REQUESTS AUTHORIZATION TO PERFORM A WATER SHUT-OFF FOR THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO PMP CMT INT PERFORATIONS AT 5239'-5244', AND 5339'-5344'.

PLEASE REFER TO THE ATTACHED WATER SHUT-OFF PROCEDURE.

COPY SENT TO OPERATOR
Date: 6-10-2008
Initials: KS

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>SENIOR LAND ADMIN SPECIALIST</u>
SIGNATURE	DATE <u>6/4/2008</u>

(This space for State use only)

RECEIVED

JUN 04 2008

DIV. OF OIL, GAS & MINING

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 6/5/08
BY:

NBU 1022-19B WATER SHUT-OFF PROCEDURE

- 1) MIRU. N/D WH. N/U BOPE. POOH W/TUBING (EOT – 5100)
- 2) R/U WIRELINE AND LUBRICATOR. RIH W/GAUGE RING AND JUNK BASKET TO ~5400'. RIH AND W/4-1/2" CBP AND SET SAME @ ~5390'. POOH. RIH W/4-1/2" CICR ON TUBING AND SET SAME @ ~5180'.
- 3) FILL HOLE AND PRESSURE TEST CASING TO 2200 PSI. STING INTO CICR AND ESTABLISH INJECTION RATE.
- 4) R/U CEMENT COMPANY AND PUMP RECOMMENDED CEMENT JOB INTO PERFORATIONS AT 5239-5244' AND 5339-5344'. REVERSE CIRCULATE TUBING CLEAN. POOH W/STINGER.
- 5) RIH W/ 3-7/8" BIT AND POBS. D-O CICR AND CEMENT TO ~5350'. PRESSURE TEST CASING AND PERFORATIONS TO 1500 PSI FOR 10 MINUTES. RESQUEEZE IF NECESSARY.
- 6) D-O CBP AND C-O TO PBTD @ ~8550'.
- 7) P/U TUBING AND LAND SAME AT ~7700'. PUMP-OFF BIT AND SUB. SHUT-IN FOR 30 MINUTES TO ALLOW BIT TO FALL TO BOTTOM.
- 8) N/D BOPE. N/U WH. RDMO AND RTP. SWAB WELL IN IF NECESSARY.

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: ML-20714
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: NBU 1022-19B
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304737779
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696'FNL, 2180'FEL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 22E		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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/10/2008	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input checked="" type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

ON JUNE 06/02/2008, THE OPERATOR PERFORMED AN WATER SHUT-OFF ON THE SUBJECT WELL LOCATION. THE OPERATOR PMP CMT INT PERFORATIONS AT 5239'-5244', AND 5339'-5344'. THE OPERATOR PLACED THE SUBJECT WELL LOCATION BACK TO PRODUCTION ON 06/10/2008.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY

RECEIVED
JUN 23 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 6/19/2008

(This space for State use only)

WINS No.: 95429

NBU 1022-19B

Start Date: 6/2/2008

AFE No.: 88007050

Operation Summary Report

End Date: 6/10/2008

Operator KERR MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 9/27/07	GL 5,276	KB 5300	ROUTE
API 4304737790	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES			
Lat./Long.: Lat./Long.: 39.93976 / -109.48083		Q-Q/Sect/Town/Range: NWNE / 19 / 10S / 22E		Footages: 696.00' FNL 2,180.00' FEL		
MTD 8600	TVD 0	LOG MD	PBMD 0	PBTVD 0		

EVENT INFORMATION: EVENT ACTIVITY: WORKOVER / REPAIR REASON: WSO
 OBJECTIVE: SECONDARY DATE WELL STARTED/RESUMED
 OBJECTIVE2: OTHER Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 LEED 733 / 733 06/02/2008 06/10/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
6/2/2008							
SUPERVISOR: CLAUD SIMS							
	7:00 - 15:00	8.00	MAINT	30	A	P	MIRU SERVICE UNIT AND EQUIP.
6/3/2008							
SUPERVISOR: CLAUD SIMS							
	7:00 - 7:30	0.50	MAINT	48		P	JSA-SAFETY METING # 2, DAY 2
	7:30 - 11:30	4.00	MAINT	30	F	P	2200# ON WELL BLOWED WELL DN, HOOK UP & PUMP 10 BBLs 2% KCL WTR DN TBG, ND/ WH, NU/ BOPS, RU/FLOOR & TBG EQUIP.
	11:30 - 11:30	0.00	MAINT	31	I	P	PULLED TBG HANGER UP, TOOH W/ 2-3/8" TBG TO @ 5100', PREPARE TO RUN TEMP LOG IN AM. SHUT WELL IN SHUT DN FOR NIGHT.
6/4/2008							
SUPERVISOR: CLAUD SIMS							
	7:00 - 7:30	0.50	MAINT	48		P	JSA-SAFETY MEETING #3, DAY 3
	7:30 - 13:00	5.50	MAINT	41	C	P	560# ON WELL, RU/ PRODUCTION LOGGING SERVICE, RIH W/ TEMP LOG,RUN LOGS 4 TIMES FROM 5100'TO 8428' W/ POSSIBLE WTR ENTERY @ 5239', RD/ WIRELINE,
	13:00 - 17:00	4.00	MAINT	31	H	P	BLOWED WELL DN, TIH W/ TBG TAG @ 8409', TOOH W/ 2-3/8" TBG, SWI, SDFN.
6/5/2008							
SUPERVISOR: CLAUD SIMS							
	7:00 - 7:30	0.50	MAINT	48		P	JSA-SAFETY MEETING # 4, DAY 4
	7:30 - 8:30	1.00	MAINT	31	I	P	550# ON WELL, BLOWED DN TO TK, TOOH W/ 2-3/8",
	8:30 - 11:30	3.00	MAINT	34	I	P	RU/ PRODUCTION LOGGING SERVICE, RIH W/ 4-1/2" GAUAGE RING TO 5400'. RIH W/ BAKER 8K CBP, SET CBP @ 5390', RD/ WIRELINE.
	11:30 - 15:00	3.50	MAINT	31	I	P	PU/ WEATHERFORD CICR TIH W/ 2-3/8" TBG, SET CICR @ 5179', PRESSURE TEST TBG TO 3000 #, OK, TEST CSG TO 2500#, OK, GOT PUMP IN RATE OF 3 BBL /MIN AT 1000#, SHUT WELL IN SDFN.
6/6/2008							
SUPERVISOR: CLAUD SIMS							
	7:00 - 7:30	0.50	MAINT	48		P	JSA-SAFETY MEETING # 5, DAY 5

EVENT INFORMATION: EVENT ACTIVITY: WORKOVER / REPAIR REASON: WSO
 OBJECTIVE: SECONDARY DATE WELL STARTED/RESUMED:
 OBJECTIVE2: OTHER Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 LEED 733 / 733 06/02/2008 06/10/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	7:30 - 11:30	4.00	MAINT	40	A	P	NO PRESSURE ON WELL, PREPARE TO SQUEEZE OFF TOP WASATCH, RIG UP BIG 4 CEMENTING, PUMP 15 BBLs WTR W/ PUMP IN RATE OF 3 BBL / MIN @ 750#, MIX & PUMP 100 SK LEAD CMT (15.8#) 1 % CAC/2, PUMP TAIL CMT 100 SK (15.8#) CFL-115, DISP W/ WTR TO 2 BBL LEFT IN TBG , SHUT DOWN WAIT 5 MIN W/ PRESSURE HOLDING 1800 #, PUMP 1/2 BBL W/ PRESSURE TO 2500 # HOLD, STING OUT OF CMT RETAINER, REVERSE CIRC W/ GETTING BACK 2 BBLs CMT, SHUT DN RD/ CEMENTING CREW.
	11:30 - 16:00	4.50	MAINT	31	I	P	TOOH W/ 2-3/8" TBG. LAY DN CEMENT STINGER, PU/ 3-7/8" BIT & POBS, TIH W/ 2-3/8" TBG TO @ 2500'. SWI, SDFWE

6/9/2008

SUPERVISOR: CLAUD SIMS

	7:00 - 7:30	0.50	MAINT	48		P	JSA-SAFETY MEETING # 6, DAY 6
	7:30 - 11:30	4.00	MAINT	44	B	P	NO PRESSURE ON WELL, TIH TAG CEMENT @ 5170', RU/ POWER SWIVEL, BROKE CIRC DN TBG OUT CSG, DRILL @ 8' CEMENT THEN CEMENT RETAINER,
	11:30 - 15:30	4.00	MAINT	44	A	P	DRILL CEMENT FROM 5178' TO 5350' HARD CEMENT. CIRC WELL CLEAN
	15:30 - 16:00	0.50	MAINT	33	C	P	PRESSURE TEST CSG TO 1500 PSI FOR 10 MIN OK.
	16:00 - 18:30	2.50	MAINT	44	C	P	RU/ WEATHERFORD FOAM UNIT, TIH TAG CBP @ 5390', DRILL BAKER 8K CBP IN 3 MIN W/ NO PRESSURE INCREASE. FOAM WELL AROUND W/ LOSEING CIRC., BLOWED WELL CLEAN. RIH ONE JT,RD/ POWER SWIVEL, PULLED LAY DN 8 JTS 2-3/8" TBG, TIH W 2-3/8" TBG TO @ 7000', SWIFN/SD.

6/10/2008

SUPERVISOR: CLAUD SIMS

	7:00 - 7:30	0.50	MAINT	48		P	JSA-SAFETY MEETING #7, DAY7
	7:30 - 13:00	5.50	MAINT	44	C	P	1500 # ON WELL, BLOWED DN TO TK, TIH W/2-3/8" TBG, TAG @ 8356', RU/ POWER SWIVEL, BROKE CIR W/ FOAM UNIT, WASH 1 JT DN W/ TBG HANGING UP WHEN PULL UP ON TBG, (POSSIBLE CIRC PARTS ON BACK SIDE) WASH TBG ON DN TO @ 8507' PBD, DRILLING ON OLD POBS. CIRC WELL CLEAN W/ FOAM UNIT. RD/ POWER SWIVEL
	13:00 - 18:30	5.50	MAINT	31	I	P	PULLED OUT LAY DN 26 JTS 2-3/8" TBG ON FLOAT, LAND TBG W/ HANGER @ 7702' KB., RD/ TBG EQUIP & FLOOR, ND/ BOPS, NU/ WH DROP BALL DN TBG WAIT 30 MIN., PUMP OFF BIT @ LBS, WAIT 30 MIN FOR BIT TO FALL, HOOK UP FOAM UNIT BLOWED WELL AROUND, RIG DOWN EQUIP & RIG , PERPARE TO MOVE OFF, TURN WELL OVER TO PRODUCTION. SHUT DN FOR NIGHT.

POBS	=	1.10'
X-N NIPPLE, 1.875 PROFILE	=	1.10'
244 JTS 2-3/8" J-55 TBG	=	7677.15'
TBG HANGER	=	1.00'
KB	=	24.00'

EOT		7704.35'

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.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
PHONE NUMBER: 720 929-6100	8. WELL NAME and NUMBER: NBU 1022-19B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0696 FNL 2180 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047377790000
	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: 4/10/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McKee Oil & Gas Onshore, LP respectfully requests to repair the casing leak between the surface and production casing by conducting cement squeeze operations on the NBU 1022-19B well. Please see the attached procedure for details. Thank you.

Approved by the
 April 14, 2015
 Oil, Gas and Mining

Date: _____

By: *D. K. Duff*

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/9/2015	

NBU 1022-19B**WO#****Bradenhead Issue. Well is just intermitting to keep pressure off the Surface casing**NWNE – Section 19– T10S – R22E
Uintah County, UT

DATE: 4/7/2015 ELEVATIONS: 5276' GL 5300' KB

TOTAL DEPTH: 8,593' PBTD: 8,548'

SURFACE CASING 9.625", 32.3#, H-40 and 36.0#, J-55 Mixed String @ 2020'.
Cemented with 300 sx. Premium Class G lead. Top Job#1 150 sx
Premium Class G. Top Job#2 200 sx Premium Class G. Top
Job#3 100 sx Premium Class G.PRODUCTION CASING: 4.5", 11.6#, I-80 @ 8593'. Marker Joint @ 4289'.
Cemented with 20sx. SCAV followed by 293 sx PL-II
+10%GEL+ 0.3%KCL+ 0.5#KOL lead followed by 1200
sx. 50/50 Pozmix +10%NACL +0.2%R-3 tail.

PRODUCTION TUBING: 2 3/8", 4.7#, J-55 @ 7704'

TUBULAR PROPERTIES:

	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155
2.375" X 4.5" annulus				0.4227	0.0565	0.0101

TOPS:

- ' Green River Top
- ' Bird's Nest Top
- ' Mahogany Top
- ' Wasatch Top
- ' Mesaverde Top

BOTTOMS:

T.O.C. @ Surface

PERFORATIONS:

Zone Name	Date	MD Top (ft)	MD Base (ft)	Shot Density (SPF)
Wasatch	12/4/2007	5239 Sqz'd	5244 Sqz'd	4
Wasatch	12/4/2007	5339 Sqz'd	5344 Sqz'd	4
Wasatch	12/4/2007	6167	6170	4
Wasatch	12/4/2007	6402	6407	4
Wasatch	12/4/2007	6494	6497	4
Mesaverde	12/4/2007	6857	6860	4
Mesaverde	12/4/2007	6912	6914	4
Mesaverde	12/4/2007	7089	7093	4
Mesaverde	12/4/2007	7113	7115	4
Mesaverde	12/4/2007	7229	7232	4
Mesaverde	12/4/2007	7306	7310	4
Mesaverde	12/4/2007	7412	7413	4
Mesaverde	12/4/2007	7457	7459	4
Mesaverde	12/4/2007	7529	7531	3
Mesaverde	12/4/2007	7645	7650	4
		Tubing Landed @ 7704'		
Mesaverde	12/4/2007	7785	7790	4
Mesaverde	12/4/2007	8215	8218	4
Mesaverde	12/4/2007	8302	8304	3
Mesaverde	12/4/2007	8390	8392	4
Mesaverde	12/4/2007	8421	8426	4

CONTACT INFORMATION:

IOC		435-781-9751
FOREMAN	Mike Merrill	435-828-4606
MECHANICAL LEAD	Kyler Lance	435-828-8938
OPERATOR	Kurt Hermansen	801-641-8105
OPERATOR	Cory Evans	435-823-6162
ENGINEER	Robert Miller	435-828-6510

Relevant History:

- 12/06/2007: **Completed** - in the Wasatch & Mesaverde. Cleaned out to ??. Landed 2 3/8" J-55 tubing with EOT at 7611'.
- 6/10/2008: **Workover (Squeeze top Wasatch perfs)**- MIRU and ran a temp logs and saw a possible water entry @ 5239'. Set a CBP @ 5390' and a CICR @ 5179'. Squeezed top Wasatch perfs from 5239'-5344' with 200 sxs cmt. RIH and tagged cmt @ 5170'. DO cmt to 5350'. Pressure tested casing to 1500 psi (OK). C/O to 8507'. Land tbg @ 7704'.
- 02/25/2015: **Last slickline** – Pulled spring and ran sample bailer to 8528'. Ran 1.9" broach to SN.

Symptoms:

- The well has direct communication between the prod and surface casing. The well is being intermittent and has loss up to 53 (MBX). The well is a safety and environmental issue and cannot produce effectively until it is fixed.

Procedure Outline:

- MIRU. Kill well and un-land tubing. NDWH wellhead and NUBOPE.
- TIH and tag for fill (inform engineering of depth for possible cleanout).
- TOOH scanning tubing. Scan as normal until bad pipe is encountered. After finding bad pipe, break every connection to inspect the pins and upsets. (Once back in good pipe, you do not need to inspect every connection).
- Take solid samples (inside & outside of tubing), if available, and submit to engineer.
- TIH w/ 4.5" packer to locate hole; POOH.
- RU wireline; RIH w/ 4.5" CBP & set below hole. Pump down casing to establish injection rate; if injection rate cannot be established, RIH w/ casing punch gun & shoot at depth of hole. RD wireline. Might use an external casing patch if top joint is leaking.
- RU cement crew; pump cement down production casing until returns are seen up surface casing. RD cement crew.
- RIH with 3.875" mill, mill up excess cement & pressure test casing. If test passes, mill up CBP
- If cleanout is warranted, cleanout to PBTD (If using a foam unit, make sure to circulate well good to help get it kicked off).
 - Get scale and corrosion samples and give to engineer.
- Land tubing at ± 7495 (shallower than before). Broach tubing with 1.910" broach and return to production.
- NDBOPE and NUWH.
- Notify CDC, foreman, & operators of RDMOL.

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.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
PHONE NUMBER: 720 929-6100	8. WELL NAME and NUMBER: NBU 1022-19B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0696 FNL 2180 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047377790000
	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 checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/30/2015	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP has finished casing repair operations on the NBU 1022-19B well. Please see the attached operations summary report for details. Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 08, 2015

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/6/2015	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 1022-19B				Spud date: 9/27/2007				
Project: UTAH-UINTAH			Site: NBU 1022-19B			Rig name no.: MILES 2/2		
Event: WELL WORK EXPENSE			Start date: 9/23/2015		End date: 9/30/2015			
Active datum: RKB @5,299.99usft (above Mean Sea Level)				UWI: NBU 1022-19B				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
6/24/2015	12:00 - 14:00	2.00	MAINT	52	I	P		MIRU ACTION HOT OIL, PRESS TEST SURFACE CSG TO 500 PSI, BLED OFF TO 100 PSI IN 1MIN, PRESS TEST TO 1000 PSI, BLED OFF IN 1 1/2 MIN, RDMO HOT OILER. COULD NOT PUMP INTO SURFACE CASING AT EITHER PRESSURE TEST.
9/15/2015	7:00 - 12:00	5.00	MAINT	35		P		Work over Rig is was heading to well so John Young sent me to pull out all the P.L.E and leave out of hole. Rigged up and R.I.H down to 7,725' with JDC tool and latched the Plunger, P.O.O.H and Viper was still in good conditton it miced at 1.89" Re-set JDC and R.I.H again down to 7,725' and latched on to the Bumper Spring and Pulled up to 800LBS once and the Spring came free, P.O.O.H and the Bumper Spring was in good condition, Put Sample Bailer on tool string and R.I.H down to 8,490' P.O.O.H and collected sample, put 1.91" Broach on and R.I.H slowly broaching Tubing had a few tight spots down near the Seat Nipple P.O.O.H and left all P.L.E out of hole by the well head FLUID LEVEL 4,000 SEAT NIPPLE DEPTH 7,725 SN TYPE TD (Max Depth) 8,490
9/23/2015	7:00 - 7:30	0.50	MAINT	48		P		HSM, CHECKING WELL FOR H2S & OPEN SURF TO BLEAD OFF PSI.
	7:30 - 8:30	1.00	MAINT	30	F	P		FCP & FTP 40 PSI, BLEW WELL DWN. ND WH UNLAND TBG NOT STUCK, RELAND SAME, NU BOPS RU FLOOR, UNLAND & L/D HANGER.
	8:30 - 9:30	1.00	MAINT	31	I	P		PU 25 JTS 23/8 J-55 TAG @ 8467', 40' BELOW BTM PERF, L/D 25 JTS TBG.
	9:30 - 15:00	5.50	MAINT	45	A	P		RU SCAN TECH, SCAN & S.L.M OUT W/ 245 JTS 23/8 J-55, 228 YELLOW, 5 BLUE, 12 RED BAD THREADS.CRIMPED, ID PITTING.
	15:00 - 16:30	1.50	MAINT	52	I	P		PU RIH W/ 4 1/2 32A PKR & 1JT SET PKR @ 51.36' TEST CSG TO 2,000 PSI, NO TEST WTR COMEING OUT SURF, UNSET PKR POOH SWI SDFN.
9/24/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY= JSA.
	7:15 - 9:00	1.75	MAINT	34	I	P		SICP= 400#. BLOW DOWN CSG TO FLOWBACK TANK. CNTRL CSG W/ 20BBLS TMAC. MIRU WIRELINE. P/U & RIH W/ 4-1/2" GR-JB TO 5200'. POOH. P/U & RIH W/ HAL 4-1/2" 8K CBP. SET @5100'. POOH. RDMO WIRELINE.
	9:00 - 12:30	3.50	MAINT	31	C	P		SLOWLY FILL 4-1/2" CSNG W/ 55BBLS TMAC. P/U & RIH W/ 4-1/2" PACKER + 1JT OF TBNG. MOVE TOOLS MULTIPLE TIMES UNTIL WE ISOLATED THE LEAK @ 13.80' FROM LANDING PINS ON THE TBNG HEAD. PRESSURE TESTED GOOD BELOW 13.80' @2000#. TESTED GOOD ABOVE 12.00' @2000#. L/D JT & PACKER. R/D FLOOR & TBNG EQUIP. NDBOP. NUWH. SWIFN. PREP FOR CSNG REPAIR IN THE AM. SDFN.
9/25/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-19B

Spud date: 9/27/2007

Project: UTAH-UINTAH

Site: NBU 1022-19B

Rig name no.: MILES 2/2

Event: WELL WORK EXPENSE

Start date: 9/23/2015

End date: 9/30/2015

Active datum: RKB @5,299.99usft (above Mean Sea Level)

UWI: NBU 1022-19B

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 18:00	10.75	MAINT	30		P		<p>SICP= 0#. NDWH. REMOVE TBNG HEAD. MIRU FISHING SERVICES. R/U POWER SWIVEL. P/U 4-1/2" MECHANICAL CSNG CUTTER. RIH & CUT 4-1/2" PRODUCTION CSG @ 21' (HOLE IN CSNG @13.80'). POOH, L/D CUTTER. R/D POWER SWIVEL.</p> <p>P/U SPEAR FOR 4-1/2" CSNG + 2-7/8" TBNG PUP JT. SPEAR CSNG @ SURFACE. PULL UP TO 50,000# & CSNG WOULD NOT COME FREE. P/U JARS & INTENSIFIER. JAR CSNG & MANDREL FREE AFTER 6 HITS. L/D JARS, SPEAR & BAD CSNG. FOUND OBVIOUS HOLE IN THE PRODUCTION CSNG @ +/-14'. CSNG WAS VERY CLEAN.</p> <p>MIRU WF CSG CREW (POWER TONGS). P/U NEW JT OF 4-1/2" P-110 CSNG & 7000# CSNG PATCH. MAKE UP PATCH & CSNG TO OPTIMAL TORQUE (3020#). RDMO CSG CREW. TIH W/ CSNG & PATCH. STACK OUT ON CMT STRINGERS @ 8'. POOH. L/D CSNG & PATCH.</p> <p>R/U POWER SWIVEL, 1JT 2-3/8" J-55 TBNG, 7-3/8" WASH PIPE & 7-3/8" SHOE. TIH W/ TOOLS. T/U ON CMT @ 8'. BREAK CONV CIRC. WASH DOWN CMT TO 26'. FISH TOP @ 21'. CIRC CLEAN. POOH W/ TOOLS. L/D WASH PIPE. R/D POWER SWIVEL.</p> <p>P/U & RIH W/ 4-1/2" P-110 CSNG & CSG PATCH. INSTALL PATCH ON CSNG TOP @ 21'. SWALLOW CSNG TOP W/ PATCH. PULL 70,000# INTO CSNG (HELD GOOD). R/U PUMP LINES. FILL CSNG W/ 1/2BBL TMAC. PRESSURE TEST CSNG GOOD @ 2000#. LOST 5# IN 10MIN. RDMO FISHERMAN.</p> <p>MIRU WELLHEAD COMPANY. SET SLIPS W/ 70,000# TENSION. MAKE FINAL CUT ON 4-1/2" CSNG. DRESS TOP OF 4-1/2" CSNG. INSTALL TBNG HEAD. PRESSURE TEST WELLHEAD SEALS GOOD @ 5000#. RDMO WELLHEAD COMPANY.</p> <p>4-1/2" P-110 11.6# LTC CSNG= 20.33' 4-1/2" 7,000# CSNG PATCH= 3.93'</p> <p>NUBOP. SWIFN. SDFN. LOCK RAMS. HSM, WORKING W/ N2 & AIR UNITS,</p>
9/28/2015	7:00 - 7:30	0.50	MAINT	48		P		SICP 0, PU 37/8 MILL & 163 JTS 23/8 J-55, TAG UP ON CBP @ 5121', RU DRLG EQUIP.
	7:30 - 11:00	3.50	MAINT	31	I	P		BROKE CIRC W/ N2 & AIR UNITS IN 25 MIN, MILL OUT CBP @ 5121' IN 5 MIN NO PSI INCREASE, KILL TBG, RD SWIVEL, PULL UP REM TSF, PU 90 MORE JTS TAG BACK UP @ 7986', RU SWIVEL.
	11:00 - 14:00	3.00	MAINT	44	D	P		BROKE CIRC, W/ N2 & AIR, C/O F/ 7986' TO 8064' CIRC CLN SWI SDFN.
	14:00 - 17:00	3.00	MAINT	44	D	P		HSM, C/O SCALE W/ N2 & AIR UNITS. WATCHING PINCH POINTS
9/29/2015	7:00 - 7:30	0.50	MAINT	48		P		

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-19B

Spud date: 9/27/2007

Project: UTAH-UINTAH

Site: NBU 1022-19B

Rig name no.: MILES 2/2

Event: WELL WORK EXPENSE

Start date: 9/23/2015

End date: 9/30/2015

Active datum: RKB @5,299.99usft (above Mean Sea Level)

UWI: NBU 1022-19B

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:30 - 11:30	4.00	MAINT	44	D	P		SICP 550 PSI, OPEN TO FB TNK, BROKE BIRC W/ N2 & AIR UNITS, C/O PATCHY SCALE F/ 8064' TO 8529' BTM PERF @ 8426' PBTD @ 8548', CIRC CLN.
	11:30 - 17:30	6.00	MAINT	31	I	P		KILL TBG RD SWIVEL, L/D 20 JTS REM TSF, L/D 14 MORE JTS, POOH W/ 237 JTS 23/8 J-55, L/D MILL. PU RIH W/ NEW 1.875 X/N & 237 JTS TBG BROACHING, LAND TBG SWI SDFN.
9/30/2015	7:00 - 7:30	0.50	MAINT	48		P		HSM, BROACHING TBG W/ SAND LINE.
	7:30 - 10:00	2.50	MAINT	31	H	P		SICP & SITP 200, OPEN CSG TO FB, BLEW TBG DWN, BROACH TBG, RD FLOOR, ND BOPS NU WH, BLEW WELL AROUND W/ N2 & AIR UNITS. SWI RDMOL.
								KB = 24' 4" HANGER = .83' 237 JTS 23/8 J-55 = 7458.26' NEW 1.875 X/N = 1.05' EOT @ 7484.14'

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: ML-20714
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 1022-19B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0696 FNL 2180 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047377790000
PHONE NUMBER: 720 929-6456	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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/22/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The NBU 1022-19B well was returned to production on 11/22/2016.
 Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 30, 2016

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 11/29/2016	