

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 1022-19H	
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: 2298' FNL 1086' FEL AT PROPOSED PRODUCING ZONE: 630201X 39.935232 4421470Y -104.476183		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 19 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 21.45 MILES SOUTHEAST OF OURAY, UTAH		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1086'	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.): 5289.8' 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

RECEIVED
FEB 14 2006

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: 43-042-37778

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-22-06
By: *[Signature]*

NBU 1022-19H
SENE 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 * Buoy. 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

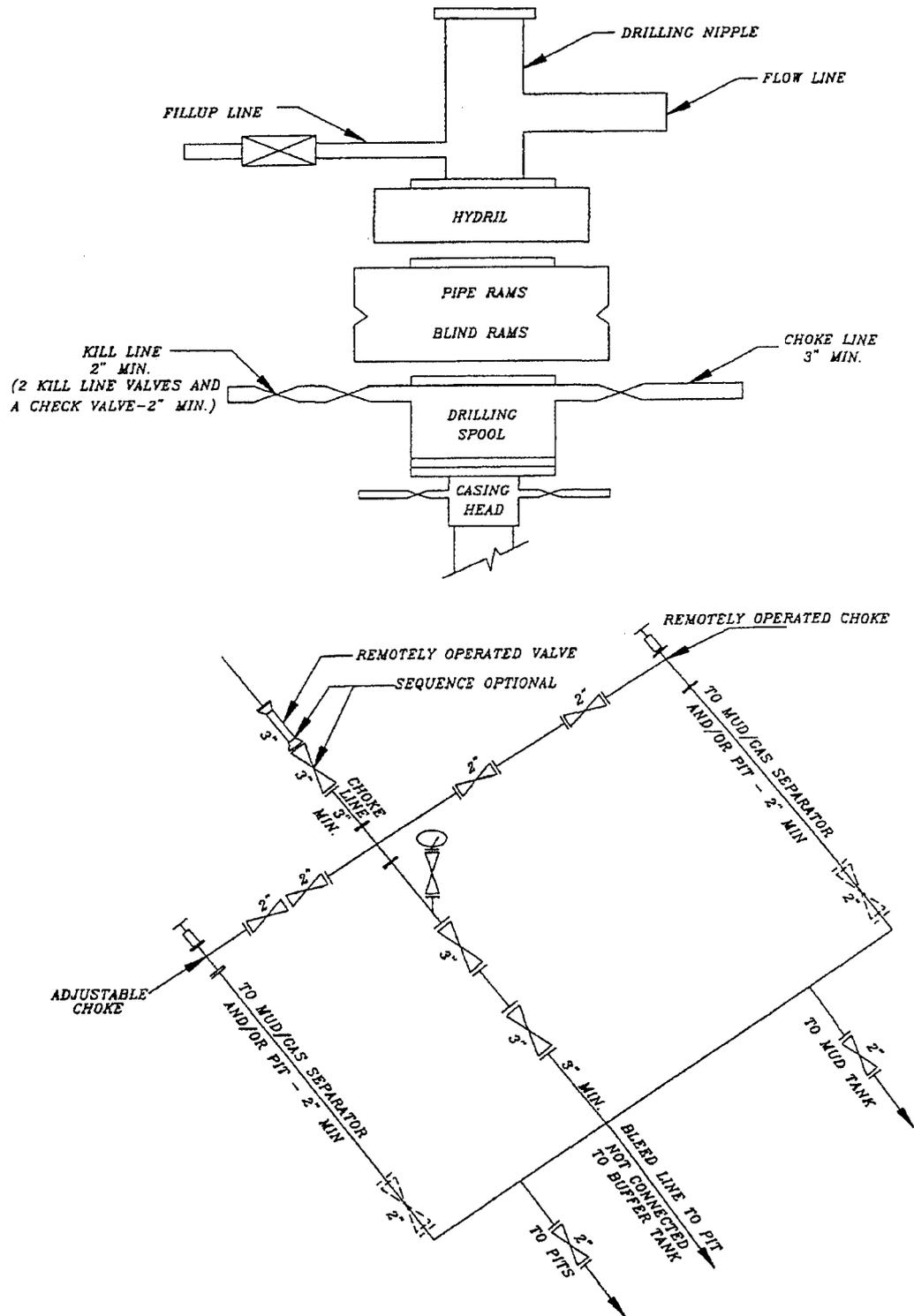
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

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 1022-19H
SENE 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 0.25 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 1457' 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 #1022-19H
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 DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.55 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19H

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



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

12 05 05
MONTH DAY YEAR

PHOTO

TAKEN BY: P.J.

DRAWN BY: C.P.

REVISED: 01-15-06

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19H

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

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



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

PIPELINE PHOTOS

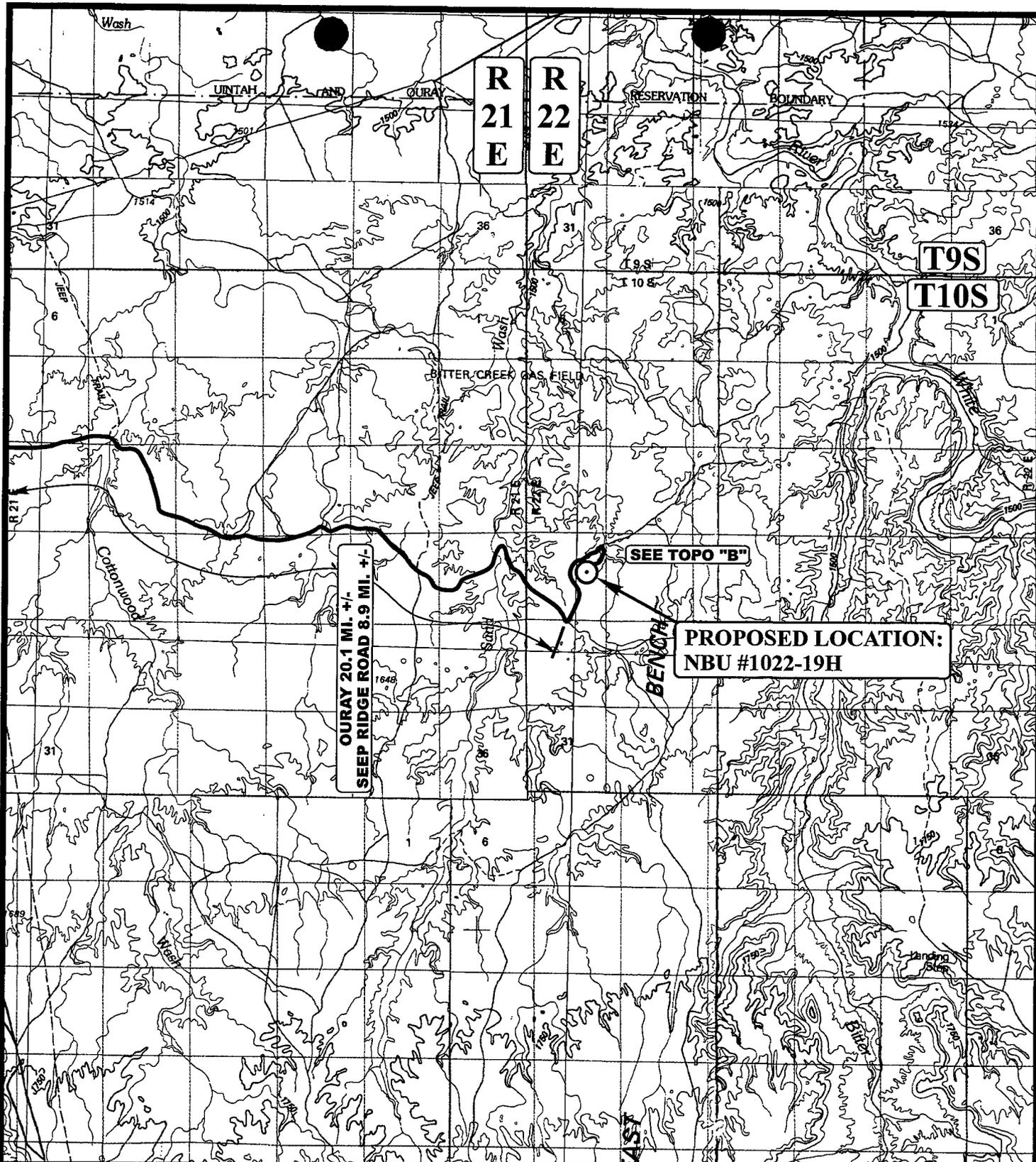
12 05 05
MONTH DAY YEAR

PHOTO

TAKEN BY: P.J.

DRAWN BY: C.P.

REVISED: 01-15-06



LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19H

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

2298' FNL 1086' FEL



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

TOPOGRAPHIC
MAP

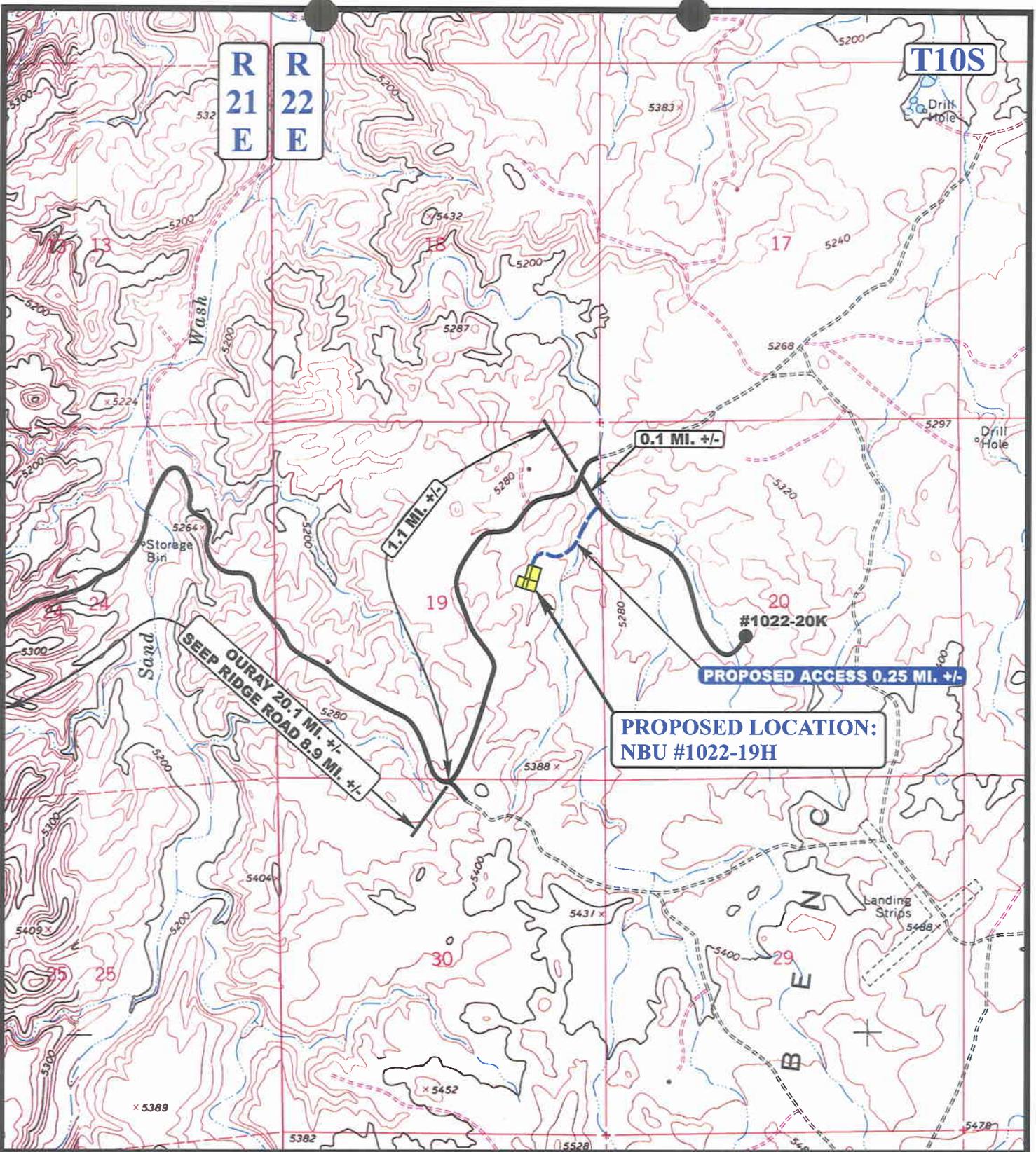
12	05	05
MONTH	DAY	YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 01-15-06





R
21
E

R
22
E

T10S

0.1 MI. +/-

7.1 MI. +/-

SEEP OURAY 20.1 MI. +/-
SAND RIDGE ROAD 8.9 MI. +/-

PROPOSED ACCESS 0.25 MI. +/-

PROPOSED LOCATION:
NBU #1022-19H

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



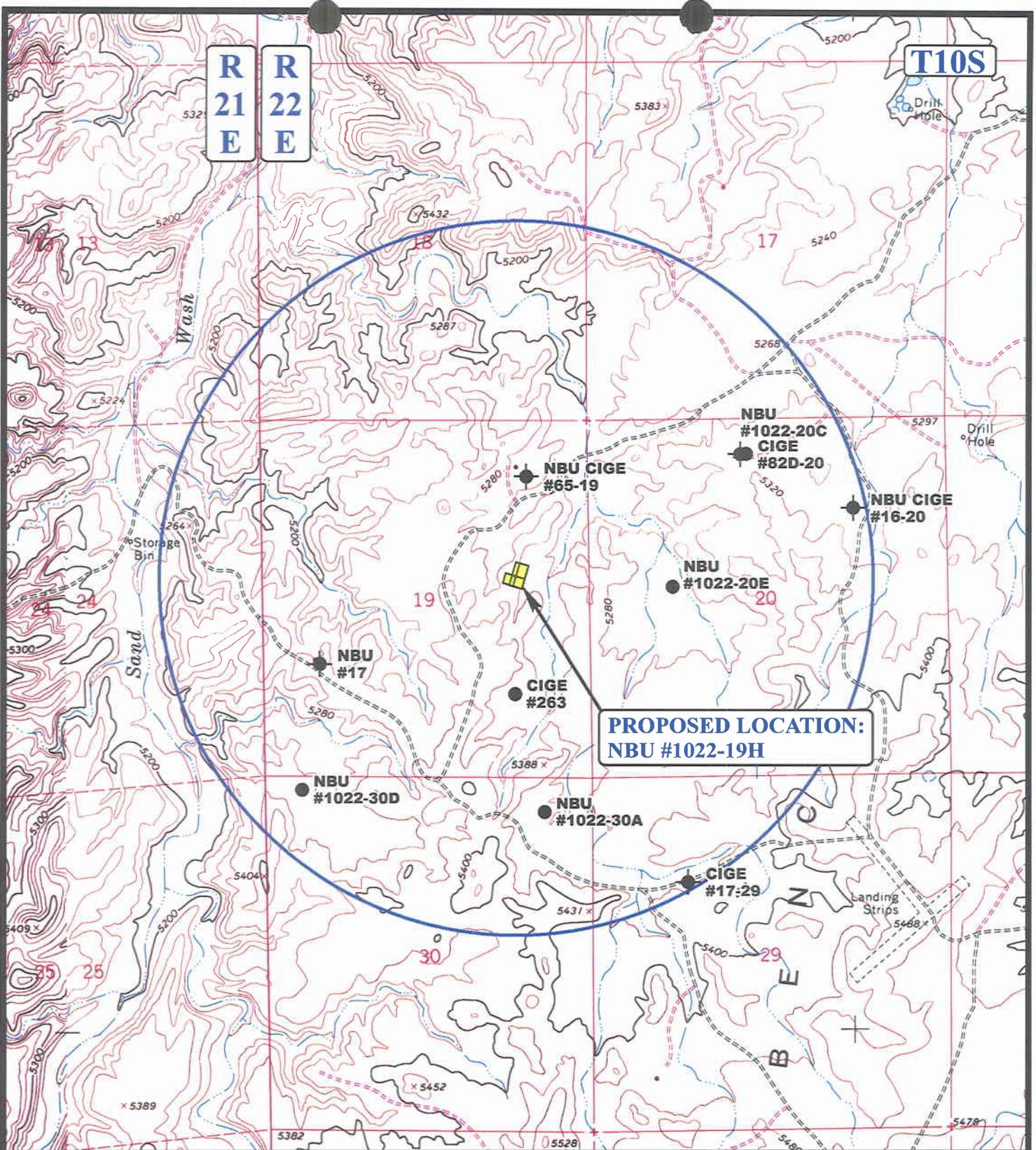
Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19H
SECTION 19, T10S, R22E, S.L.B.&M.
2298' FNL 1086' FEL

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

TOPOGRAPHIC MAP 12 05 05
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 01-15-06





R
21
E

R
22
E

T10S

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

LEGEND:

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



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19H
SECTION 19, T10S, R22E, S.L.B.&M.
2298' FNL 1086' FEL



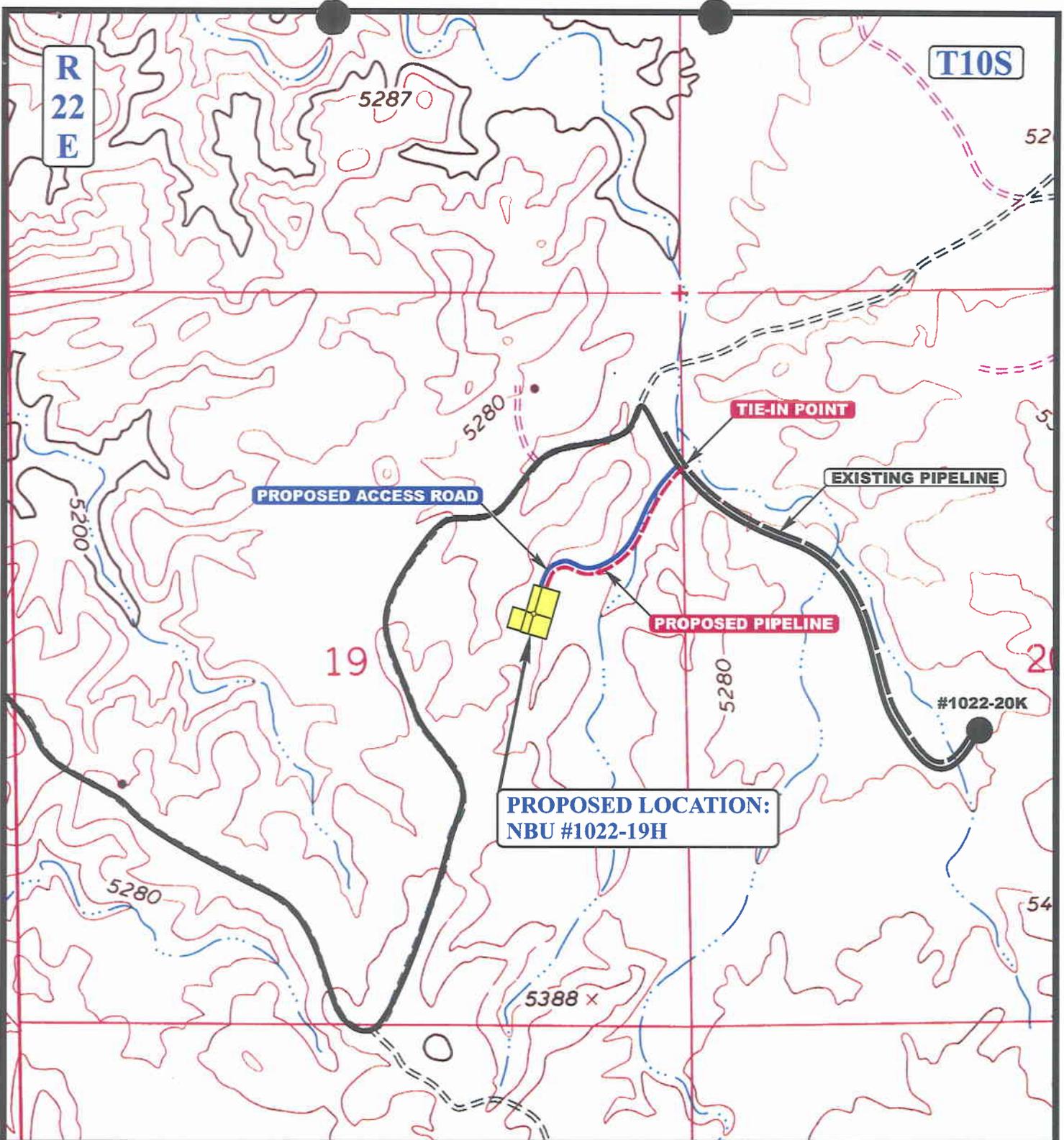
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

12 05 05
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 01-15-06



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,457' +/-

LEGEND:

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



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-19H
SECTION 19, T10S, R22E, S.L.B.&M.
2298' FNL 1086' FEL



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

TOPOGRAPHIC 12 05 05
MAP MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 01-15-06

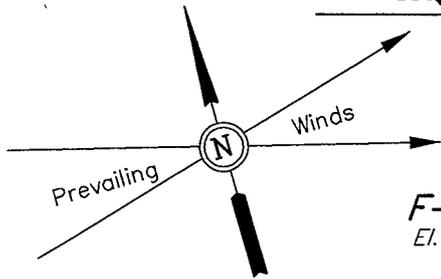


LOCATION LAYOUT FOR

NBU #1022-19H

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

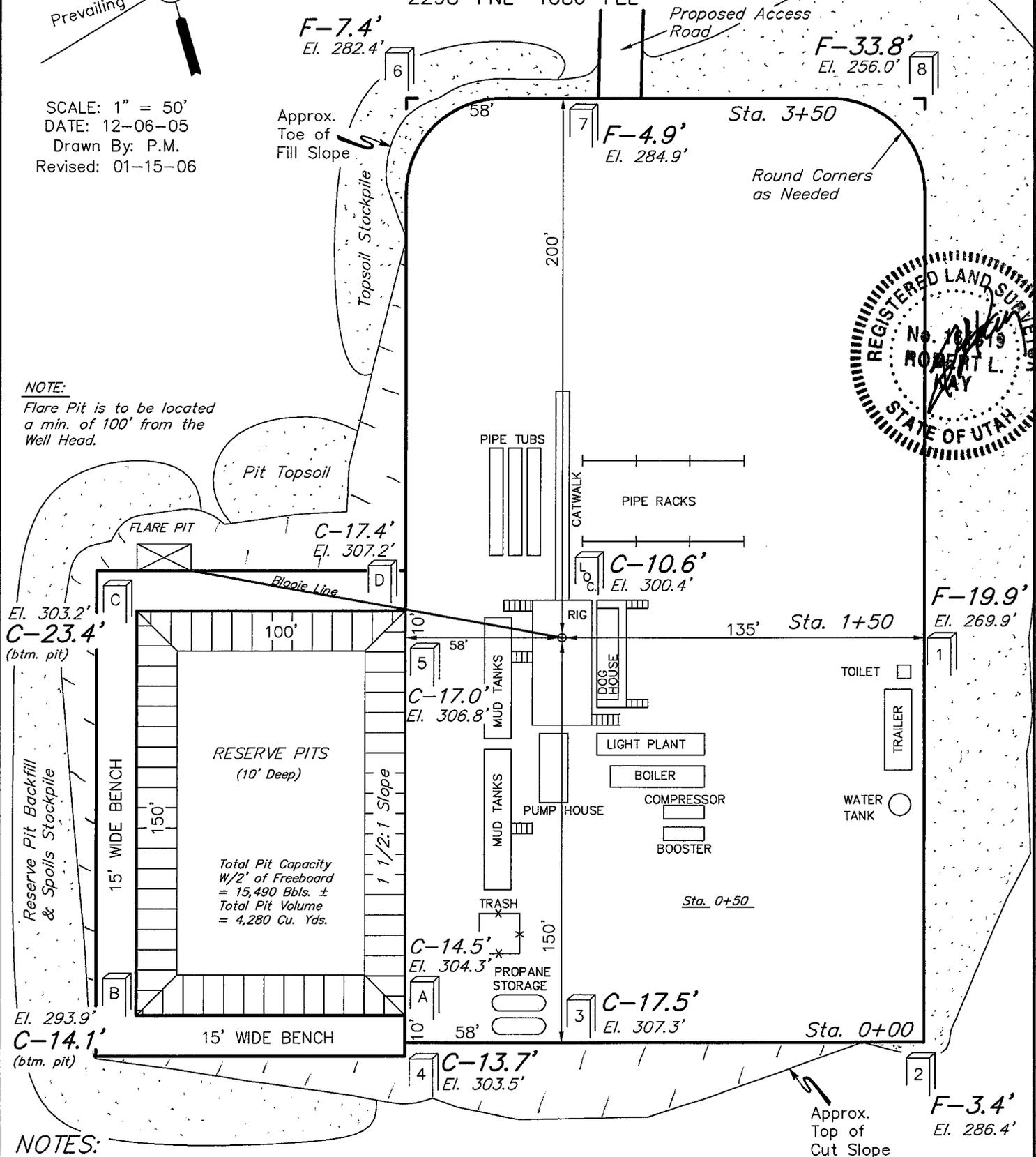
2298' FNL 1086' FEL



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

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5300.4'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5289.8'

TYPICAL CROSS SECTIONS FOR

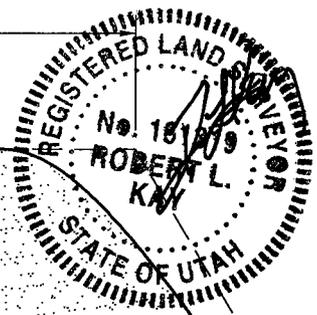
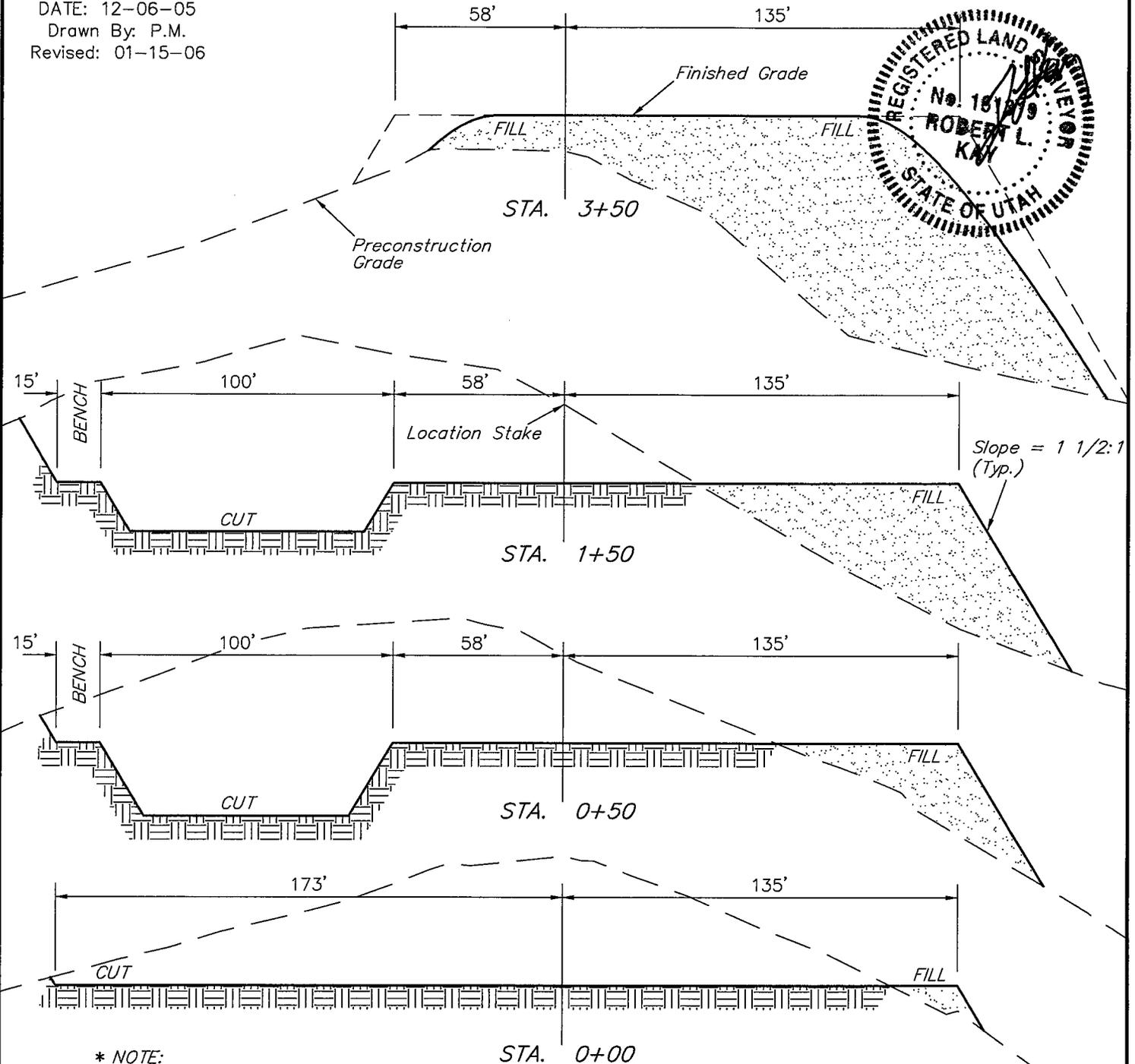
NBU #1022-19H

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

2298' FNL 1086' FEL

X-Section Scale
1" = 50'

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



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,340 Cu. Yds.
Remaining Location	= 27,520 Cu. Yds.
TOTAL CUT	= 29,860 CU.YDS.
FILL	= 25,380 CU.YDS.

EXCESS MATERIAL	= 4,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,480 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2006

API NO. ASSIGNED: 43-047-37778

WELL NAME: NBU 1022-19H
 OPERATOR: WESTPORT OIL & GAS CO (N2115)
 CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWD	3/2/06
Geology		
Surface		

SENE 19 100S 220E
 SURFACE: 2298 FNL 1086 FEL
 BOTTOM: 2298 FNL 1086 FEL
 COUNTY: UINTAH
 LATITUDE: 39.93523 LONGITUDE: -109.4762
 UTM SURF EASTINGS: 630201 NORTHINGS: 4421470
 FIELD NAME: NATURAL BUTTES (630)

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)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS:

Needs Permit (02-23-06)

STIPULATIONS:

1- OIL SHALE
2- STATEMENT OF BASIS

**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 1022-19H
API NUMBER: 43-047-37778
LOCATION: 1/4,1/4 SE/NE Sec: 19 TWP: 10S RNG: 22E ; 2298' FNL 1086' 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:** 03/01/06

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. The northeast corner of the location will require 33.8' of fill.

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: David Hackford **Date:** 02/27/2006

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 1022-19H
API NUMBER: 43-047-37778
LEASE: ML-20714 **FIELD/UNIT:** Natural Buttes
LOCATION: 1/4, 1/4 SE/NE Sec: 19 TWP: 10S RNG: 22E ; 2298' FNL 1086' FEL
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.
GPS COORD (UTM): 4421488 Y 0630199 X **SURFACE OWNER:** State of Utah
(SITLA)

PARTICIPANTS

Floyd Bartlett, David Hackford (DOGM), Carol Estes, Debra Domenici, Clay Einerson (Westport), David Kay, Luke Kay (Utah 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 22 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 on top of a sharp ridge with narrow draws to the east and west which run gently to the north. This ridge has layered sandstone outcrops and ledges. Blasting will almost certainly be necessary to construct this location and dig this reserve pit.

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 0.25 miles 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. Pipeline will follow 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: A poor desert type vegetation consisting of greasewood, shadscale, horsebrush and curly mesquite. Antelope, rabbits, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Gravely sandy clay loam.

EROSION/SEDIMENTATION/STABILITY: Little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems.

PALEONTOLOGICAL POTENTIAL: Survey completed by IPC on 9/27/05 and furnished for the file.

RESERVE PIT

CHARACTERISTICS: 100' by 150' and 10' deep. The reserve pit is all within cut on the west 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 9/21/05. A copy

has been furnished to SILLA.

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.

DAVID HACKFORD
DOGM REPRESENTATIVE

02/23/06; 3:15 PM

DATE/TIME

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

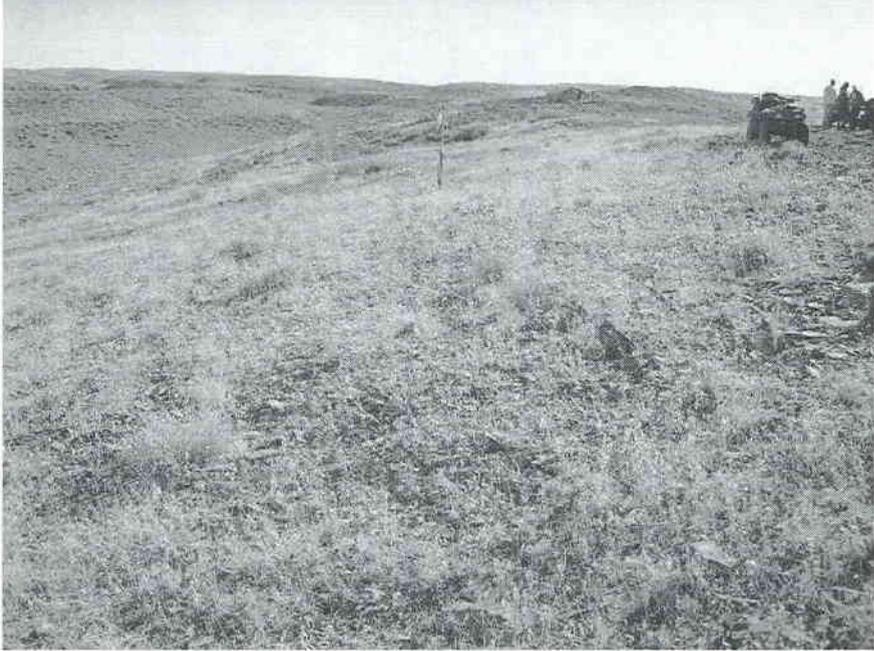
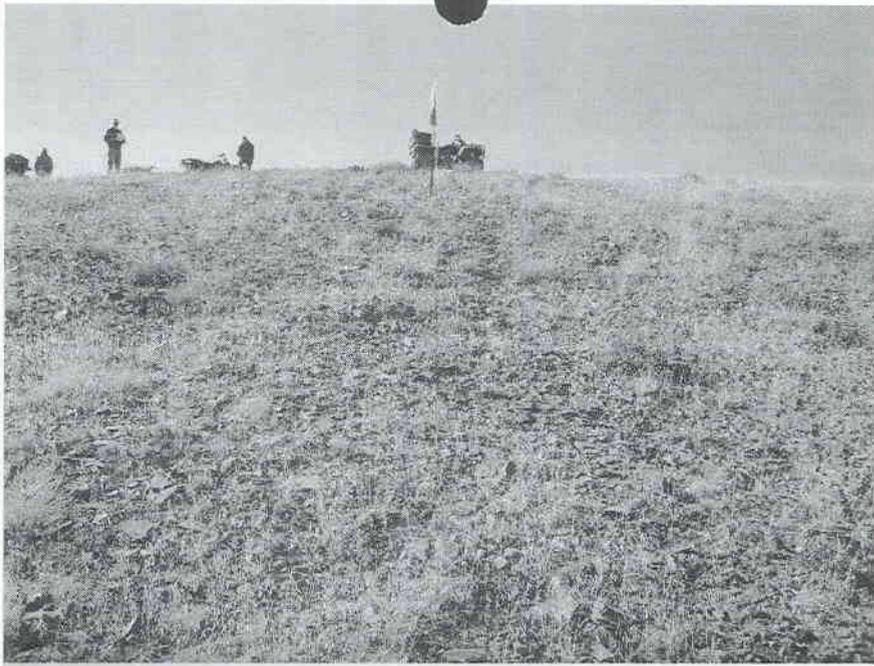
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	
Distance to Nearest Municipal 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>20</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 35 (Level I Sensitivity)

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

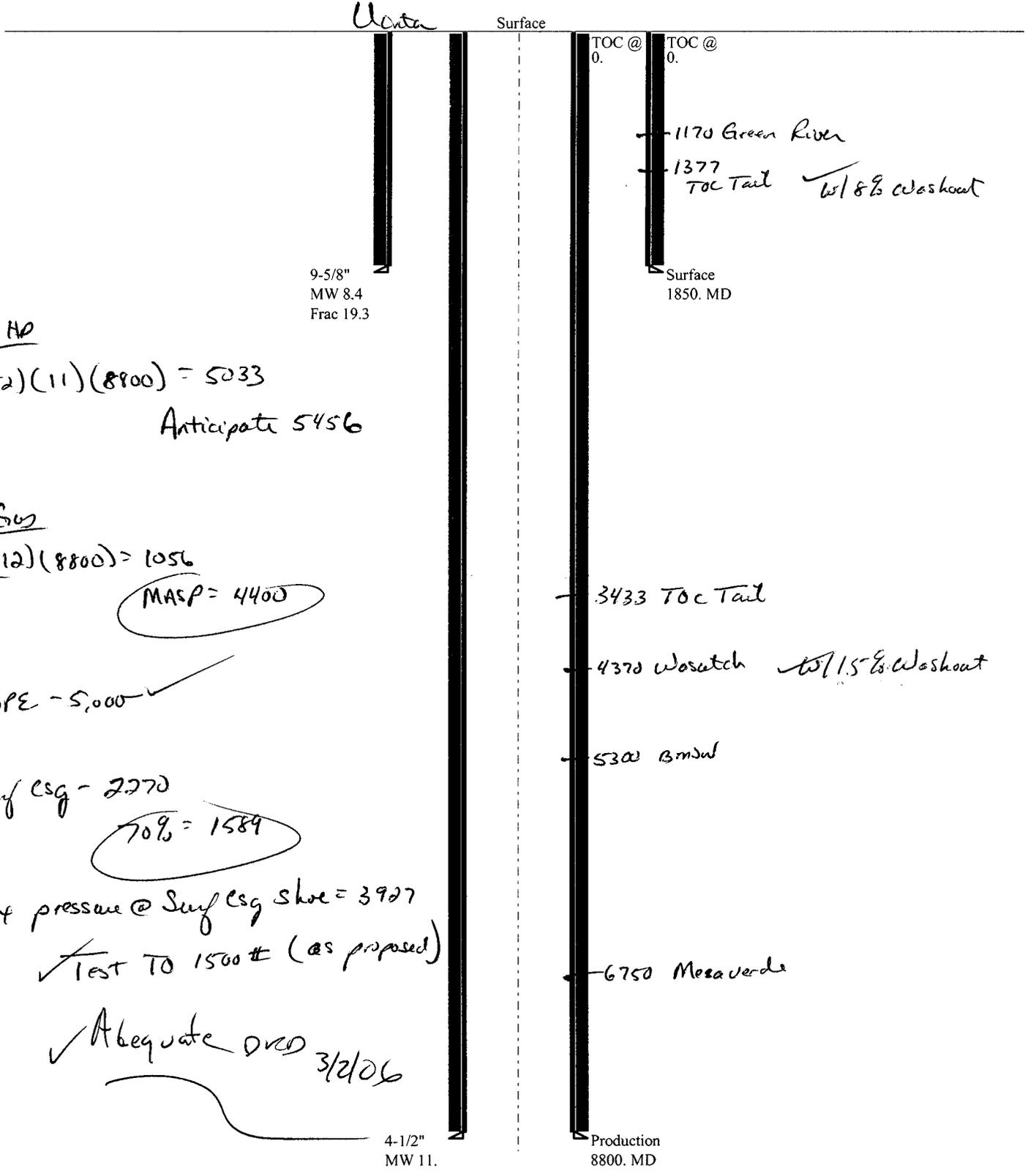
Sensitivity Level I = 15-19; lining is discretionary.

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





03-06 Westport NBU 1022 H
Casing Schematic



BHP
 $(.052)(11)(8900) = 5033$
 Anticipate 5456

Gus
 $(.12)(8800) = 1056$
 MASP = 4400

BOPE - 5,000 ✓

Surf csg - 2270
 70% = 1589

Max pressure @ Surf csg shoe = 3927
 ✓ Test TO 1500# (as proposed)

✓ Adequate DWD 3/2/06

TOC @ 0.
 TOC @ 0.
 1170 Green River
 1377 TOC Tail w/ 8% washcoat
 Surface 1850. MD
 3433 TOC Tail
 4370 Wasatch w/ 15% Washcoat
 5300 Bmdal
 6750 Mesa Verde

4-1/2"
 MW 11.

Production
 8800. MD

Well name:	03-06 Westport NBU 1022-19H	
Operator:	Westport Oil & Gas	Project ID:
String type:	Surface	43-047-37778
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)
 Buttress: 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: 8,800 ft
 Next mud weight: 11.000 ppg
 Next setting BHP: 5,029 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 (ft³)
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 1, 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.

Well name:	03-06 Westport NBU 1022-19H		
Operator:	Westport Oil & Gas	Project ID:	
String type:	Production	43-047-37778	
Location:	Uintah County, Utah		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 3,972 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 5,028 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)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

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

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

Cement top: Surface

Non-directional string.

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	5028	6350	1.263	5028	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 1, 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 1022-19H Well, 2298' FNL, 1086' FEL, SE 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 43-047-37778.

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 1022-19H
API Number: 43-047-37778
Lease: ML-20714

Location: SE 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

43-047-37778

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.

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
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added **KMG**
 The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

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

RECEIVED

MAY 10 2006

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

Signature
Randy Bayne

Title
DRILLING MANAGER

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

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

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

RECEIVED
 MAY 10 2006

DIV. OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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

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: NATURAL BUTTES UNIT
2. NAME OF OPERATOR: Kerr McGee Oil and Gas Onshore LP		8. WELL NAME and NUMBER: NBU 1022-19H
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7003	9. API NUMBER: 4304737778
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2298' FNL, 1086' FEL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 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 checked="" 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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: [Signature]



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

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FEB 20 2007
DIV. OF OIL, GAS & MINING

RESET

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

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

API: 4304737778
Well Name: NBU 1022-19H
Location: SENE, 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 Hoppe
Signature

2/12/2007
Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil & Gas Onshore LP

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FEB 20 2007
DIV. OF OIL, GAS & MINING

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
4304737778	NBU 1022-19H		SENE	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>	9/5/2007			<i>9/25/07</i>	
Comments: <i>MIRU PETE MARTIN BUCKET RIG. WSMVD</i> SPUD WELL LOCATION ON 09/05/2007 AT 0900 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)

[Handwritten Signature]

Signature

SENIOR LAND SPECIALIST

9/7/2007

Title

Date

RECEIVED
SEP 10 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		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 1022-19H
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		9. API NUMBER: 4304737778
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2298'FNL, 1086'FEL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 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: <u>WELL SPUD</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.

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

SPUD WELL LOCATION ON 09/05/2007 AT 0900 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 9/7/2007

(This space for State use only)

RECEIVED
SEP 10 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.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: UNIT #891008900A	
8. WELL NAME and NUMBER: NBU 1022-19H	
9. API NUMBER: 4304737778	
10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	PHONE NUMBER: (435) 781-7024
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2298'FNL, 1086'FEL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 19 10S 22E STATE: UTAH	
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP	

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: SET SURFACE CSG.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

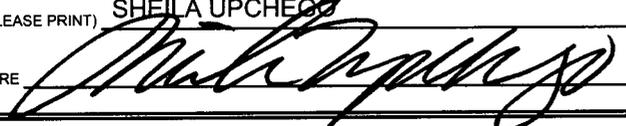
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU BILL MARTIN AIR RIG ON 09/08/2007. DRILLED 12 1/4" SURFACE HOLE TO 2080'. RAN 9 5/8" 51 JTS OF 32.3# H-40 AND 2 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/170 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO CIRCULATION TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE. NO CMT TO SURFACE. TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE NO CMT TO SURFACE. 2ND TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT

RECEIVED
SEP 17 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGG	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 9/12/2007

(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

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input 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 CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2298'FNL-1086'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 19 10S 22E		8. WELL NAME and NUMBER: NBU 1022-19H
		9. API NUMBER: 4304737778
		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>FINAL DRILLING</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>OPERATIONS</u>

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

FINISHED DRILLING FROM 8270 TO 8450 ON 10/12/02007. RAN 4 1/2 11.6# I-80 PRODUCTION CSG. LEAD CMT W/240 PREM LITE II @ 11.0 PPG. TAIL W/1200 SX POZ@ 14.3 PPG 1.31 YLD. DISPLACE W/132 BBLS WATER W/CLAYSTAY & MAGNACIDE TO BUMP PLUG W/3260 PSI. RELEASE PSI AND FLOATS HELD. ND BOPS AND CLEAN PITS. RELEASE RIG 53 @ 02:30 ON 10/13/2007.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 10/15/2007

(This space for State use only)

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OCT 24 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		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: NBU 1022-19H	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304737778
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST 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: 2298'FNL, 1086'FEL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 19 10S 22E		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: PRODUCTION START-UP
	<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 12/16/2007 AT 11:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 12/17/2007

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

CHRONOLOGICAL WELL HISTORY

NBU 1022-19H

LOCATION SENE SEC.19, T10S, R22E
 UINTAH COUNTY, UT

DATE	ACTIVITY	PIONEER 53	STATUS	
08/03/07	LOCATION STARTED	PIONEER 53		
09/05/07	LOCATION COMPLETED SET CONDUCTOR	PIONEER 53	P/L IN, WOBR WOAR	
09/08/07	SET AIR RIG	PIONEER 53		
09/12/07	9-5/8" @2058'	PIONEER 53	WORT	
10/05/07	TD: 2080' Csg. 9 5/8" @ 2058' RDRT and move to NBU 1022-19H.	MW: 8.4	SD: 10/XX/07	DSS: 0
10/08/07	TD: 3750' Csg. 9 5/8" @ 2058' RURT. NU and test BOPE. PUDS and drill FE. Rotary spud @ 0900 hrs 10/7/07. Drill from 2080'-3750'. DA.	MW: 8.8	SD: 10/7/07	DSS: 1
10/09/07	TD: 6091' Csg. 9 5/8" @ 2058' Drill from 3750'-6091'. DA.	MW: 9.6	SD: 10/7/07	DSS: 2
10/10/07	TD: 7440' Csg. 9 5/8" @ 2058' Drill from 6091'-7440'. DA.	MW: 10.0	SD: 10/7/07	DSS: 3
10/11/07	TD: 8270' Csg. 9 5/8" @ 2058' Drill from 7440'-7653'. TFNB. Lost 120 bbls mud on trip. Mix LCM and drill to 8270'. DA.	MW: 10.3	SD: 10/7/07	DSS: 4
10/12/07	TD: 8450' Csg. 9 5/8" @ 2058' Drill from 8270'-8450'. CCH and short trip. LDDS. RU and run logs @ report time.	MW: 10.8	SD: 10/7/07	DSS: 5
10/15/07	TD: 8450' Csg. 9 5/8" @ 2058' Run Triple Combo, bridged out @ 8200'. Log out. Run and cement 4 1/2" Production Casing. Land casing and release rig @ 0230 hrs 10/13/07. RDRT and move to NBU 1021-1P.	MW: 10.8	SD: 10/7/07	DSS: 6
12/07/07	LOG & PERF Days On Completion: 1 Remarks: 7:00AM: HSM, RU, RU CUTTERS. RUN CBL, CCL, GR LOG FROM 8236' TO SURFACE, BOND LOOKED GOOD, CEMENT TOP @ 38'. RU DOUBLE JACK & PRESSURE TEST CSG. & FRAC VALVES TO 7500 PSI, HELD OK. CUTTERS RAN IN HOLE W/ 3 3/8" CSG. GUNS, 23 GM CHARGES & .36" DIA. HOLES, PERFORATE MV FORM. AS FOLLOWS: 8063-8065' - 4SPF, 8112-8116' - 3SPF, 8213-8216' - 4SPF, 8280-8283' - 4SPF POOH, RD CUTTERS. CLOSE IN WELL & SDFN			

12/10/07

FRAC

Days On Completion: 4

Remarks: DAY #2] 7:00 WAIT ON WTHRFRD TO GET ON LOC & R/U, MIRU CUTTERS WIRE LINE, PRESSURE TEST SURFACE LINES TO 8600#, OPEN WELL UP @ 1:30 WHP=1150# FRAC STG #1 BRK DN PERFS=4648#, INJT RT=50, INJT PSI=4750, ISIP=3222, FG=.83, PUMP'D 3031 BBLs SLK/WTR W/ 104865# 30/50 SAND W/ 5000# RESIN IN TAIL, ISIP=2554, FG=.75, AR=50, AP=4630, MR=52, MP=5183, NPI=-668, 34/44 PERFS OPEN [87%]

STG #2] P/U RIH W/ BKR 8K CBP & PERF GUNS, SET CBP @7734', PERF MESAVERDE W/ 3-3/8 EXP GUN, 23 GRM, 0.36" HOLE, 4 SPF, 36 HOLES, 7695'-7704' [HAD MISS FIRE ON GUN SHOOT HAD TO POOH & REHEAD] WHP=0, BRK DN PERFS W/ 2983#, INJT RT=35.6, INJT PSI=3600, ISIP=1607, FG=.65, PUMP'D 718.4 BBLs W/ 22721# 30/50 SAND W/ 5000# RESIN IN TAIL, ISIP=2524, FG=.77, AR=35, AP=3341, MR=37, MP=3712, NPI=917, 22/36 PERFS OPEN [64%] PICKLE LINES.

STG #3] P/U RIH W/ BKR 8K CBP & PERF GUNS. SET CBP @ 7549' PERF MESAVERDE W/ 3-3/8 EXP GUN, .23 GRM, 0.36" HOLE, 4 SPF, 45 HOLES FROM 7516'-7519', 7454'-7457', 7259'-7262', 7232'-7235', POOH SWIFN 6:30

12/11/07

FRAC

Days On Completion: 5

Remarks: DAY#3] 7:00 HSM 9:00 OPEN WELL FRAC STG #3] WHP=150#, BRK DN PERFS W/ 2715#, INJT RT=49.8, INJT PSI=4620, ISIP=1733#, FG=.67, PUMP'D 2191 BBLs SLK/WTR W/ 79351# 30/50 sand w/ 5000# IN TAIL, ISIP=2605, FG=.79, AR=50, AP=4049, MR=52, MP=4632, NPI=872 28/45 PERFS OPEN [62%]

STG #4] P/U RIH W/ BKR 8K CBP & PERF GUNS, SET CBP @ 6796' PERF WASATCH/MESAVERDE W/ 3-3/8 EXP GUN 4 SPF, .23 GRM, 0.36" HOLE 40 HOLES, 6762'-6766', 6678'-6684, WHP=0# BRK DN PERFS W/ 2715#, INJT RT=49.8, INJ PSI=3340, ISIP=1733, FG=.67, PUMP'D 1004 BBLs SLK/WTR W/ 34237# 30/50 SAND W/ 5000# RESIN IN TAIL, ISIP=2064, FG=.74, AR=40, AP=3181,MR=45, MP=4172, NPI=407, 26/40 PERFS OPEN [65%]

STG #5] P/U RIH W/ BKR 8K CBP & PERF GUNS, SET CBP @ 6628' PERF WASATCH W/ 3-3/8 EXP GUN, 4 SPF, .23 GRM, 0.36" HOLE, 36 HOLES, 6360'-6365, 6077'-6081' WHP=0#, BRK DN PERS W/ 2303#, INJT RT=40, INJT PSI=3300, ISIP=1406, FG=.66, PUMP'D 501 BBLs SLK/WTR W/ 15545# 30/50 SAND W/ 5000# RESIN COAT IN TAIL, ISIP=2161, FG=.79, AR=40.5, AP=3108, MR=42, MP=3414, NPI=755, 22/36 PERFS OPEN [62%]

STG#6] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @5913' PERF WASATCH W/ 3-1/8 PORTED GUN, 4 SPF, .12 GRM, 0.34" HOLE, 36 HOLES, 5880'-5883', 5583'-5589', WHP=0, BRK DN PERFS W/ 1185#, INJT RT=40, INJT PSI=2581, ISIP=809, FG=.58, PUMP'D 540 BBLs SLK/WTR W/ 17195# 30/50 SAND W/ 5000# RESIN COAT IN TAIL, ISIP=1641, FG=.72, AR=40, AP=2498, MR=42, MP=2713, NPI=832, 36/36 PERFS OPEN [100%]

STG #7] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 4752', PERF WASATCH W/ 3-1/8 PORTED GUN, 4 SPF, .12 GRM, 0.34" HOLE, 36 HOLES, 4713'-4722', WHP=350#, BRK DN PERFS W/ 1894#, INJT RT=40, INJT PSI=2706, ISIP=564, FG=.56, PUMP'D 465 BBLs SLK/WTR W/ 8335# 30/50 SAND [LOST COMPUTER & CHEMICAL PUMP RATE] CUT SAND WENT TO FLUSH EARLY. ISIP=2622, FG=.99, AR=40, AP=3111, MR=41, MP=3235, NPI=2058, 25/36 PERFS OPEN [69%] P/U RIH W/ 8K CBP & SET @ 4753' POOH R/D CUTTERS WIRE LINE & WTHRFRD FRAC EQUIP.

12/12/07

MIRU PICK UP TBG

Days On Completion: 6

Remarks: 7:00-- HSM. PUSH SNOW FOR RIG. FINISH ROADING RIG FROM 822-271 TO LOCATION. SPOT AND RUSU. THAW OUT FRAC VALVES. BLEED OFF 100 PSI. ND FRAC VALVES. NU BOP. RU FLOOR. TBG THAT SHOWED UP WAS WRONG TBG. WAIT ON TBG. TBG AOL 2:30 PM. MU AND RIH W/ 3-7/8" BIT, POBS, AND 1.87" 'R' NIPPLE AS SLM AND PU 2-3/8" J-55 4.7# EUE TBG. RAN 92-JTS TBG. LD 2-JTS TO DROP FLUID LEVEL. SWI AT 4:30. EOT AT 2764'.

12/13/07

DRIL CBP'S

Days On Completion: 7

Remarks: DAY #5] 9:00 HSM PLUG #4] OPEN WELL UP, CSG=1000#, TBG 0#, CONTINUE TO RIH TAG SAND @ 6360' [35' FILL] C/O & DRL THROUGH BKR 8K CBP @ 6395' IN 15 MIN. WELL WENT ON A VACUME TOOK 125 BBLS TO CATCH CIRC, PLUG #5] CONTINUE TO RIH TAG SAND @ 6776' [20' FILL] C/O & DRL THROUGH BKR 8K CBP @ 6796' IN 10 MIN. 200# INCREASE. [HAD RIG PROBLEMS TOOK 3 HRS TO REPAIR, HAD TO FIX WINCH LINE] PLUG #6] CONTINUE TO RIH TAG SAND @ 7519' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7549' IN 8 MIN. 200# INCREASE. DRAIN EQUIP, SWIFN. 5:30

12/15/07

FLOWBACK REPORT: CP 2000#, TP 1150#, CK 20/64", 55 BWPH, LOAD REC'D 880 BBLS, LLTR -880 BBLS

12/16/07

FLOWBACK REPORT: CP 2000#, TP 1375#, CK 20/64", 35 BWPH, LOAD REC'D 1885 BBLS, LLTR -1885 BBLS
WENT ON SALES: @ 11:00 AM, 1041 MCF, 1275 TBG, 1800 CSG, 20/64 CK, 25 BBWH

12/17/07

FLOWBACK REPORT: CP 1900#, TP 1250#, CK 20/64", 15 BWPH, LOAD REC'D 2305 BBLS, LLTR -2305 BBLS
ON SALES: 1000 MCF, 0 BC, 180 BW, TP: 1250#, CP: 1900#, 20/64 CHK, 12 HRS, LP: 133#.

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 1022-19H

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

9. API NUMBER:
4304737778

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: **2298'FNL, 1086'FEL**
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

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

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

14. DATE SPURRED: **9/5/2007** 15. DATE T.D. REACHED: **10/12/2007** 16. DATE COMPLETED: **12/16/2007** ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL): **5290'GL**

18. TOTAL DEPTH: MD **8,450** TVD _____ 19. PLUG BACK T.D.: MD **8,403** 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#		2,080		745			
7 7/8"	4 1/2 I-80	11.6#		8,450		1440			

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"	7,600							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	4,713	6,365			4,713 6,365	0.34	108	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) WSTCH/MESA	6,678	6,766			6,678 6,766	0.36	44	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) MESAVERDE	7,232	8,283			7,232 8,283	0.36	125	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4713'-6365'	PMP 1506 BBLs SLICK H2O & 41,075# 30/50 SD
6678'-6766'	PMP 1004 BBLs SLICK H2O & 34,237# 30/50 SD
7232'-8283'	PMP 5939 BBLs SLICK H2O & 206,940# 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: 12/16/2007	TEST DATE: 12/23/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,893	WATER – BBL: 240	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 1,150	CSG. PRESS. 1,500	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 12/16/2007	TEST DATE: 12/23/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,893	WATER – BBL: 240	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 1,150	CSG. PRESS. 1,500	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED: 12/16/2007	TEST DATE: 12/23/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,893	WATER – BBL: 240	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 1,150	CSG. PRESS. 1,500	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

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	4,265 6,724	6,724			

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 UPCHEGO

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 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-20714
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-19H
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047377780000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2298 FNL 1086 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/15/2015	<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 checked="" type="checkbox"/> OTHER	OTHER: WELLBORE CLEANOUT

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

A WORKOVER/WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 1022-19H, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
 May 20, 2015

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 5/19/2015	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-19H				Spud date: 10/7/2007				
Project: UTAH-UINTAH			Site: NBU 1022-19H			Rig name no.: MILES-GRAY 1/1		
Event: WELL WORK EXPENSE			Start date: 4/22/2015		End date: 4/24/2015			
Active datum: RKB @5,323.99usft (above Mean Sea Level)				UWI: NBU 1022-19H				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
4/22/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.
	7:15 - 9:30	2.25	MAINT	30	A	P		FCP & FTP =65#. MIRU. BLOW DOWN WELL TO PRODUCTION TANK. CNTRL TBG W/ 10BBLs TMAC. NDWH. UN-LAND TBG TO MAKE SURE IT WAS FREE (GOOD). LAND TBG BACK ON HANGER. NUBOP. R/U FLOOR & TBNG EQUIP.
	9:30 - 15:30	6.00	MAINT	31	I	P		PREP & TALLY TBNG. P/U & RIH W/ 21JTS 2-3/8" J-55 Y-BND TBNG. T/U @ 8237'. BOTTOM PERF @ 8283'. L/D 1JT TBNG. STAND BACK 20JTS THAT WERE USED TO T/U. MIRU SCANNER. POOH WHILE SCANNING 243JTS 2-3/8" J-55 TBNG. REMOVE +/- 6300' OF SLK LINE & TOOLS WHILE POOH. SCAN RESULTS AS FOLLOWS: Y-BND= 196JTS THAT DRIFTED GOOD. B-BND = 2JTS. MINOR INTERNAL PITTING. R-BND= 45JTS REJECTED TOTAL. PITTING & WALL LOSS. MODERATE TO HEAVY INTERNAL SCALE F-JT 203 T-JT 243. PERF HOLES & PIN HOLES FOUND IN JT #224. SLK LINE TOOLS FOUND IN JT #206. HEAVY EXTERNAL SCALE FROM JT 232 TO JT 243. 2 PLUNGERS RECOVERED & SPRING. RDMO SCANNERS.
	15:30 - 17:00	1.50	MAINT	31	I	P		P/U & RIH W/ 3-7/8" LONG BODY MILL+BIT SUB & 98JTS 2-3/8" J-55 TBNG. LEAVE EOT @3071'. SWIFN. SDFN. LOCK RAMS.
4/23/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-19H		Spud date: 10/7/2007	
Project: UTAH-UINTAH		Site: NBU 1022-19H	Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE		Start date: 4/22/2015	End date: 4/24/2015
Active datum: RKB @5,323.99usft (above Mean Sea Level)		UWI: NBU 1022-19H	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 17:30	10.25	MAINT	31	I	P		<p>SICP= 200#. SITP= 100#. BLOW DOWN WELL TO FLOWBACK TANK. CNTRL TBG W/ 10BBLS TMAC. CONT RIH W/ 3-7/8" LONG BODY MILL, BIT SUB & 2-3/8" J-55 TBNG. T/U ON SCALE @ 7254' W/ 232 JTS TBG & BHA. R/U POWER SWIVEL. INSTALL TSF. MIRU FOAM-AIR UNIT. BREAK CONV CIRC IN 50MIN.</p> <p>D/O PATCHY HARD SCALE F-7254' TO 7632' W/ TOTAL OF 244JTS TBNG + BHA. CNTRL TBG W/ 5BBLS TMAC. HANG BACK POWER SWIVEL. TOOH 12JTS TBNG & REMOVE TSF. RIH W/ 246JTS TBG TOTAL & T/U ON HARD SCALE AGAIN @ 7693'. INSTALL TSF. P/U POWER SWIVEL. BREAK CIRC IN 15MIN.</p> <p>D/O PATCHY HARD SCALE F- 7693' TO 8072' W/ 258JTS 2-3/8" TBNG + BHA. CNTRL TBG W/ 5BBLS TMAC. HANG BACK POWER SWIVEL. TOOH 12JTS TBG & REMOVE TSF. RIH W/ 262JTS TBG TOTAL. T/U ON SCALE @ 8197'. INSTALL TSF. P/U POWER SWIVEL. BREAK CIRC IN 20MIN.</p> <p>D/O HARD SCALE F- 8197' TO 8256' T/U SOLID ON SUSPECTED OLD POBS. CIRC WELLBORE CLEAN FOR 45MIN. CNTRL TBG W/ 10BBLS TMAC. R/D POWER SWIVEL. L/D 37JTS TBNG NOT NEEDED FOR PRODUCTION. POOH W/ REMAINING 227JTS TBNG. L/D MILL & BIT SUB. SWIFN. SDFN. LOCK RAMS.</p>
4/24/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.
	7:15 - 12:00	4.75	MAINT	31	I	P		<p>SICP= 360#. BLOW DOWN WELL TO FLOWBACK TANK. CNTRL CSG W/ 20BBLS TMAC. P/U & RIH W/ NEW 1.875" SN-NOTCH COMBO NIPPLE +227JTS 2-3/8" J-55 Y-BND TBNG. BROACH ALL TBNG GOOD W/ 1.910" BROACH WHILE RIH. LAND TBG ON HANGER. R/D FLOOR & TBNG EQUIP. NDBOP. NUWH. SWI. RDMOL.</p> <p>TBNG LANDED AS FOLLOWS: KB= 24.00' HANGER = .83' 227JTS 2-3/8" J-55 Y-BND TBNG= 7076.26' 1.875" XN-NOTCH COMBO NIPPLE= 1.05' EOT @7102.14'</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-19H

Spud date: 10/7/2007

Project: UTAH-UINTAH

Site: NBU 1022-19H

Rig name no.: MILES-GRAY 1/1

Event: WELL WORK EXPENSE

Start date: 4/22/2015

End date: 4/24/2015

Active datum: RKB @5,323.99usft (above Mean Sea Level)

UWI: NBU 1022-19H

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
4/30/2015	7:00 - 16:00	9.00	PROD	42	B	P		Starting pressure TBG 383 CSG 368 PSI Started swabbing & Made 10 runs Fluid level was at 3400ft Recovered 52bbbs Swab well on, flow tubing to tank for 45min. Dropped scale knocker for 1hour. Plunger didn't trip back up. Made swab run, well start to blow for 20min then die. Rig off wellhead, travel back to shop. Ending Pressure Tb 0 PSI
5/1/2015	7:00 - 16:00	9.00	PROD	42	B	P		CA 438 PSI Starting pressure TBG 0 CSG 451 PSI Started swabbing & Made 9 runs Fluid level was at 5000ft Recovered 38bbbs Swab well on, flow tubing to tank for 1hour. Dropped plunger for 1hour. Plunger didn't trip back up. Made swab run, plunger came up after run. Dropped plunger again. Plunger took 45min to come up. Leave plunger out, well still had too much water to trip plunger. Rig off wellhead, travel back to shop. Ending Pressure Tb 0 PSI
5/2/2015	7:00 - 15:00	8.00	PROD	42	B	P		CA 400 PSI Starting pressure TBG 0 CSG 456 PSI Started swabbing & Made 6 runs Fluid level was at 5600ft Recovered 34bbbs Swab well on, flow tubing to tank for 1hour. Dropped plunger for 1hour. Trip plunger three times. Rig off wellhead, travel back to shop. Ending Pressure Tb 340 PSI
5/4/2015	7:00 - 11:00	4.00	PROD	42	B	P		CA 400 PSI Starting pressure TBG 230 CSG 465 PSI Started swabbing & Made 5 runs Fluid level was at 5000ft Recovered 22bbbs Swab well on, flow tubing to tank for 35min. Check plunger then dropped. Tripped plunger once. Rig down, travel to next location. Ending Pressure Tb 389 PSI
								CA 444 PSI

US ROCKIES REGION
Operation Summary Report

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Spud date: 10/7/2007

Project: UTAH-UINTAH

Site: NBU 1022-19H

Rig name no.: MILES-GRAY 1/1

Event: WELL WORK EXPENSE

Start date: 4/22/2015

End date: 4/24/2015

Active datum: RKB @5,323.99usft (above Mean Sea Level)

UWI: NBU 1022-19H

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
5/15/2015	7:00 - 15:00	8.00	PROD	42	B	P		Starting pressure Tb 200 PSI CA 540 PSI Started swabbing & Made 5 runs Fluid level was at 5500ft Recovered 20 bbl. Swabbed well back on, plunger came, it was a scale knocker, tripped it twice and pressures looked better. Operator wanted to drop a spring and a plunger so we did and tripped it once. Rigged down and headed back to the shop Ending Pressure Tb 400 PSI CA 480 PSI