

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: ST ML 22649	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: N/A	
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: 891008900A	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP			9. WELL NAME and NUMBER: NBU 922-32ET	
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779		PHONE NUMBER: (720) 929-6226	10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2477' FNL & 94' FWL LAT 39.993017 LON -109.472258 (NAD 27) AT PROPOSED PRODUCING ZONE: N/A			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 32 9S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 23 miles east of Ouray, Utah			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 94'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 20'	19. PROPOSED DEPTH: 9,200	20. BOND DESCRIPTION: RLB0005237		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,035' GL	22. APPROXIMATE DATE WORK WILL START: -109.472159	23. ESTIMATED DURATION: 10 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

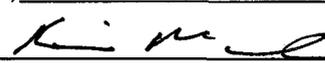
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	9 5/8" J-55 36#	2,200	Premium Cement	215 sx	1.18 15.6
			Premium Cement	100 sx	1.18 15.6
7 7/8"	4 1/2" I-80 11.6#	9,200	Premium Lite II	450 sx	3.38 11.0
			50/50 Poz G	1450 sx	1.31 14.3

25. **ATTACHMENTS**

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

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

NAME (PLEASE PRINT) Kevin McIntyre TITLE Regulatory Analyst I

SIGNATURE  DATE 7/11/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-047-40179

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

APPROVAL:

RECEIVED
JUL 03 2008

DIV. OF OIL, GAS & MINING

Date: 09-02-08
(See Instructions on Reverse Side)

By: 

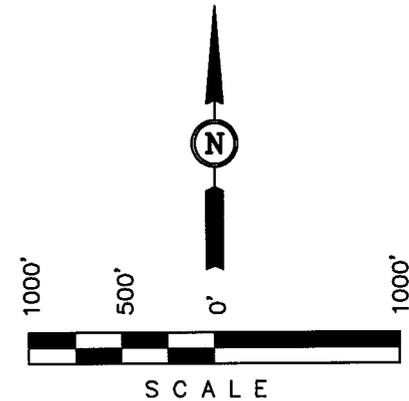
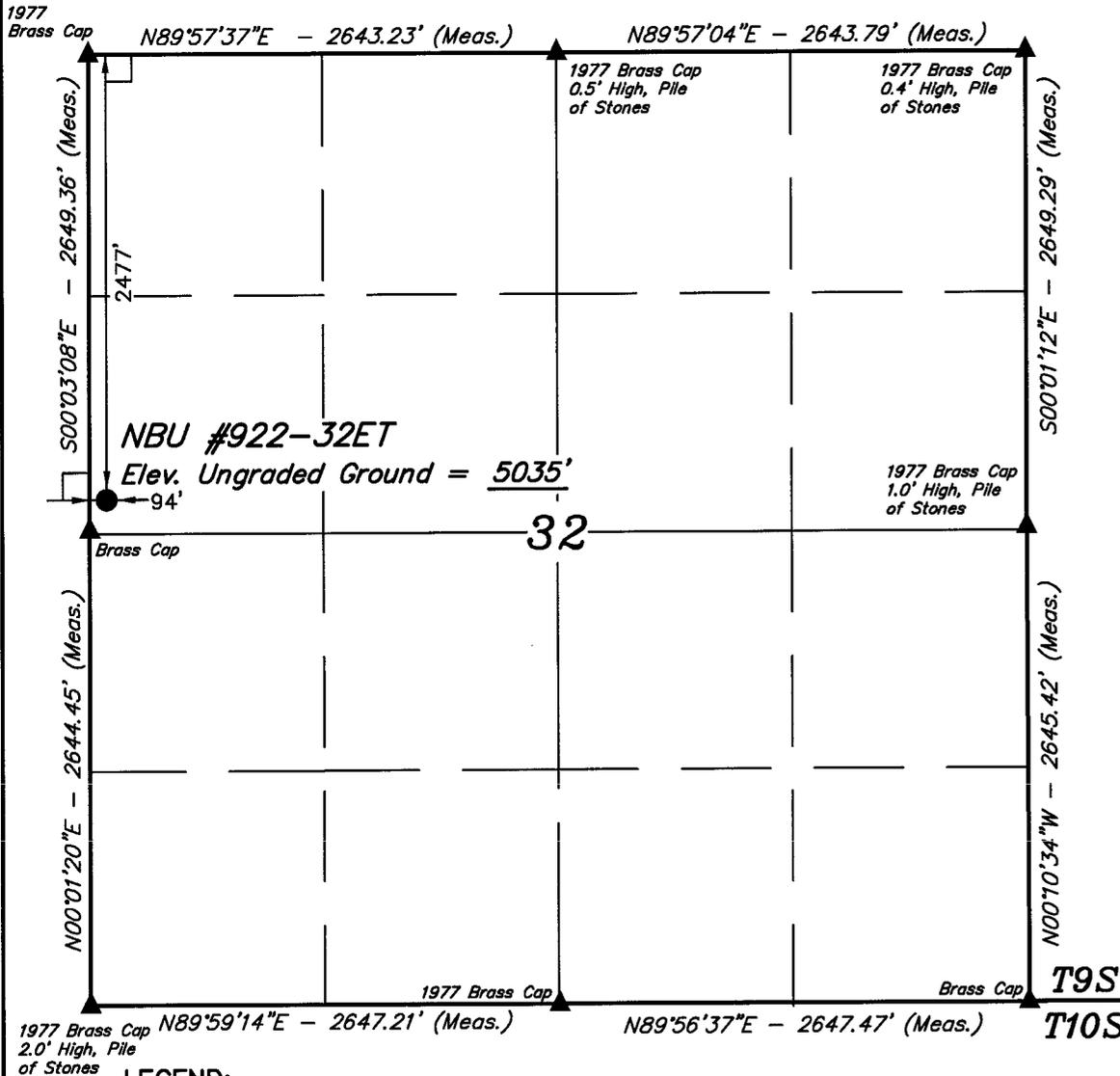
T9S, R22E, S.L.B.&M.

KERR MCGEE OIL & GAS ONSHORE LP

Well location, NBU #922-32ET, located as shown in the SW 1/4 NW 1/4 of Section 32, T9S, R22E, S.L.B.&M., Uintah County, Utah.

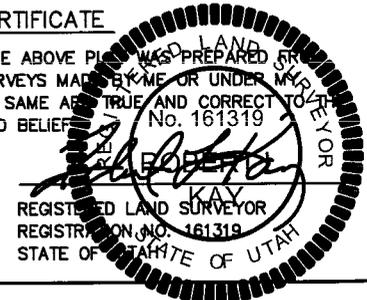
BASIS OF ELEVATION

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



CERTIFICATE

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



1977 Brass Cap 2.0' High, Pile of Stones
 N89°59'14"E - 2647.21' (Meas.)
 Brass Cap

N89°56'37"E - 2647.47' (Meas.)

T9S
 T10S

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°59'34.73" (39.992981)
 LONGITUDE = 109°28'22.60" (109.4722944)
 (NAD 27)
 LATITUDE = 39°59'34.86" (39.993017)
 LONGITUDE = 109°28'20.13" (109.472258)

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

SCALE 1" = 1000'	DATE SURVEYED: 05-23-08	DATE DRAWN: 05-28-08
PARTY T.A. S.K. L.K.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr McGee Oil & Gas Onshore LP	

**NBU 922-32ET
SWNW Sec. 32, T9S,R22E
UINTAH COUNTY, UTAH
ST ML 22649**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1324'
Birds Nest	1645'
Mahogany	2126'
Wasatch	4556'
Mesaverde	7094'
MVU2	8057'
MVL1	8637'
TD	9200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1324'
Water	Birds Nest	1645'
Water	Mahogany	2126'
Gas	Wasatch	4556'
Gas	Mesaverde	7094'
Gas	MVU2	8057'
Gas	MVL1	8637'
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 9200' TD, approximately equals 5704 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3680 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.

Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- *Blowout Prevention Equipment (BOPE) requirements;*
- *Mud program requirements; and*
- *Special drilling operation (surface equipment placement) requirements associated with air drilling.*

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background

In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet.

The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements

The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements

Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements

Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

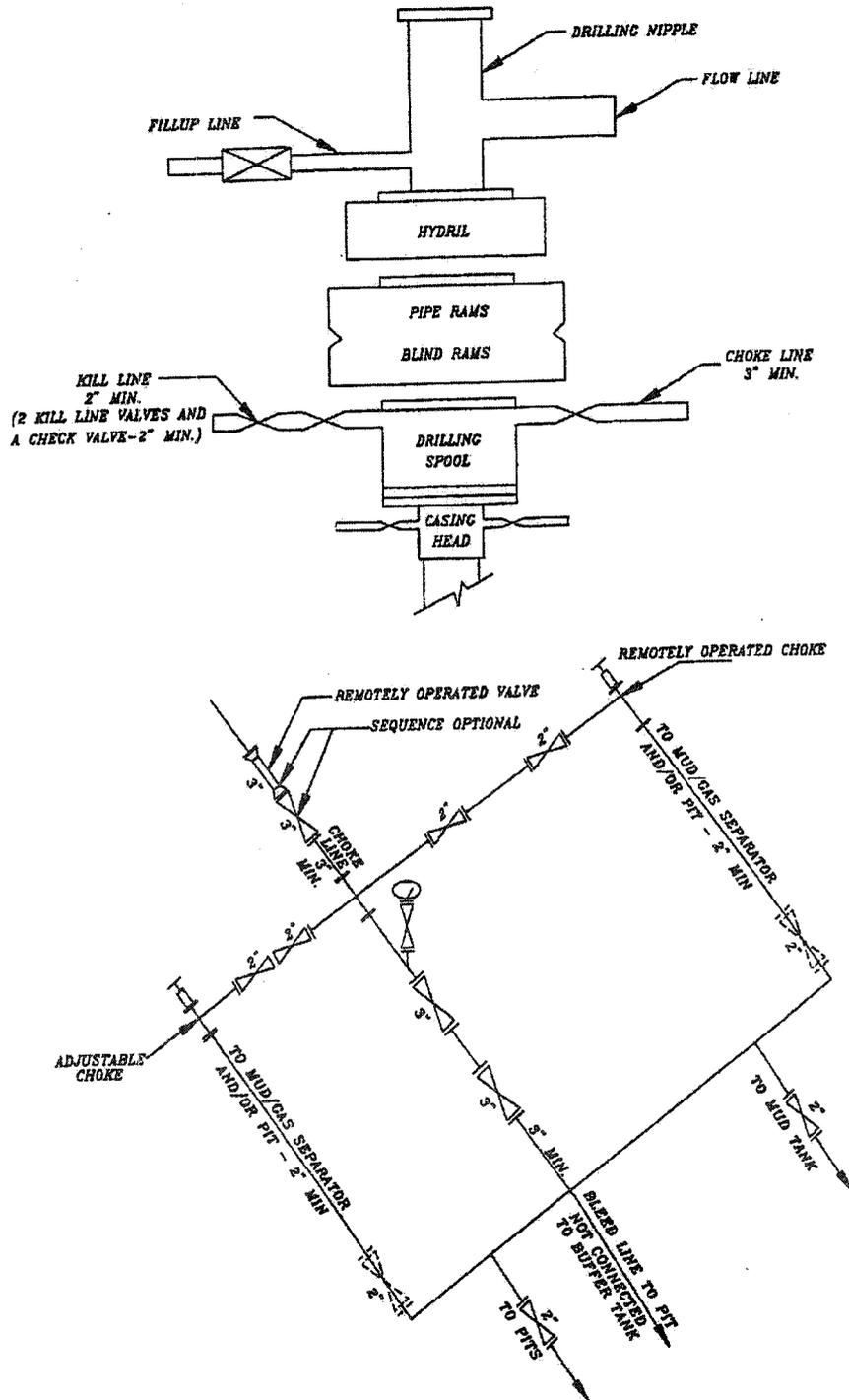
Conclusion

The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

10. Other Information:

Please refer to the attached Drilling Program.

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

**NBU 922-32ET
SWNW SEC 32-T9S-R22E
Uintah County, UT
ST ML 22649**

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.

The existing road for the NBU #173 will be utilized. 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:

No new access road is proposed. Refer to Topo Map B for the location of the existing 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.

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.

No new pipeline utilizing the existing NBU #173 pipeline. No TOPO D attached.

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, CIGE 112D SWD – SESE, SECTION 19, T9S, R21E, NBU 47N2 SWD – SESW, SECTION 30, T10S, R22E, NBU 159 SWD – NESW, SECTION 35, T9S, R21E, NBU 347 – NWSW, SECTION 11, T10S, R22E, Ouray #1 SWD – NENE SECTION 1, T9S, R21E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E

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/Mineral 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 will be submitted.

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

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

Kevin McIntyre
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO BOX 173779
Denver, CO 80217-3779
(720) 929-6226

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

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

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 #RLB0005237.

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

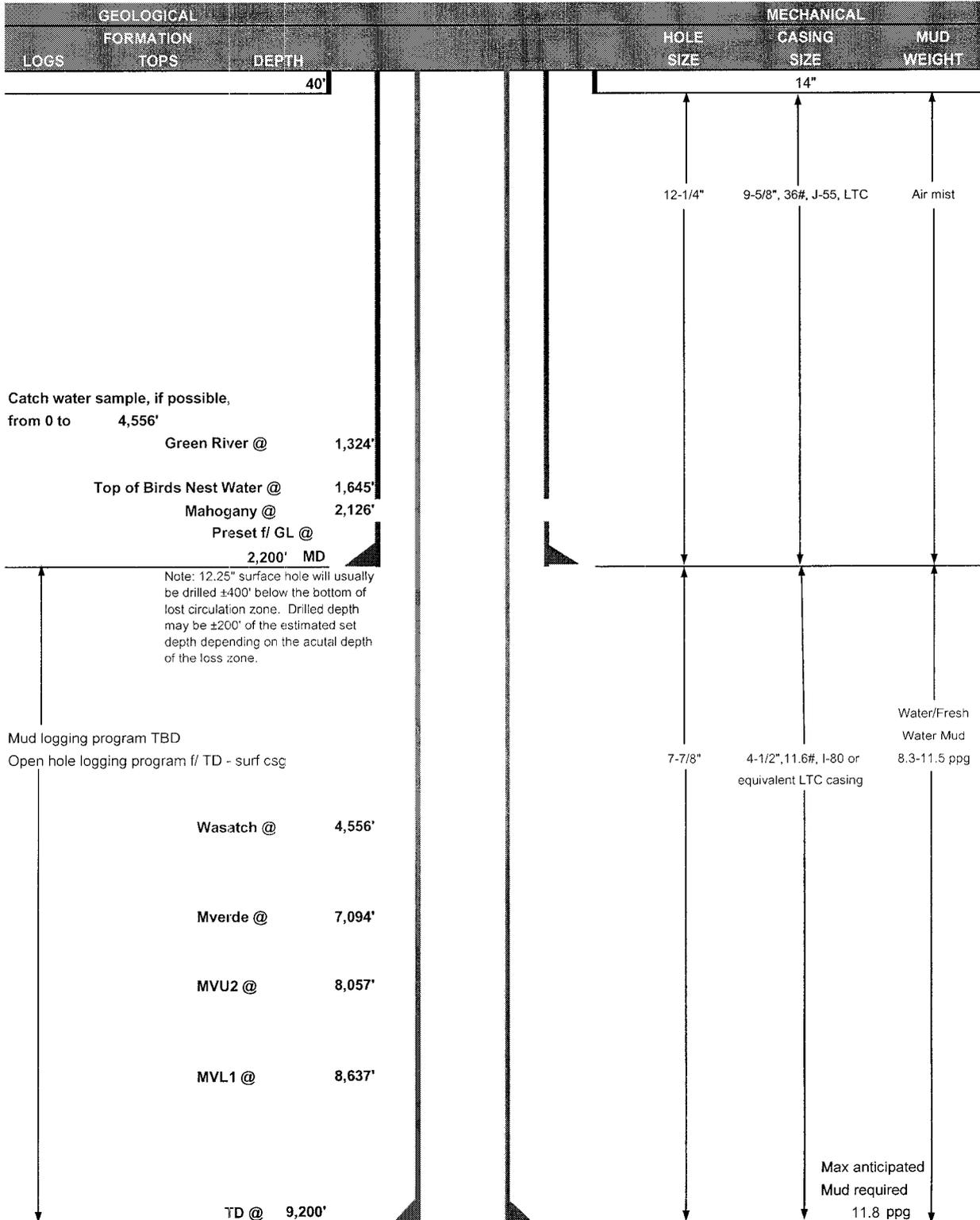

Kevin McIntyre
Regulatory Analyst

7/1/2008
Date



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE July 1, 2008
 WELL NAME NBU 922-32ET TD 9,200' MD/TVD _____
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,035' GL KB 5,050'
 SURFACE LOCATION SWNW 2477' FNL & 94' FWL, Sec. 32, T 9S R 22E BHL Straight Hole
 Latitude: 39.993017 Longitude: -109.472258 NAD 27 _____
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, Tri-County Health Dept.





ERR-McGEE OIL & GAS ONSHORE LF DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2,200'	36.00	J-55	LTC	3520	2020	453000
						0.97	1.96	6.53
PRODUCTION	4-1/2"	0 to 9200	11.60	I-80	LTC	2.15	1.12	2.16

- 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 = 11.8 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 3680 psi

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)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
NOTE: If well will circulate water to surface, option 2 will be utilized							
SURFACE Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	230	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	4,050'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	440	60%	11.00	3.38
	TAIL	5,150'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1440	60%	14.30	1.31

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

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

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

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

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

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

DRILLING ENGINEER: _____ DATE: _____
Brad Laney

DRILLING SUPERINTENDENT: _____ DATE: _____
Randy Bayne NBU 922-32ET.xls

Kerr-McGee Oil & Gas Onshore LP
NBU #922-32ET
SECTION 32, T9S, 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 DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.0 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #922-32ET

LOCATED IN UINTAH COUNTY, UTAH
SECTION 32, T9S, R22E, S.L.B.&M.

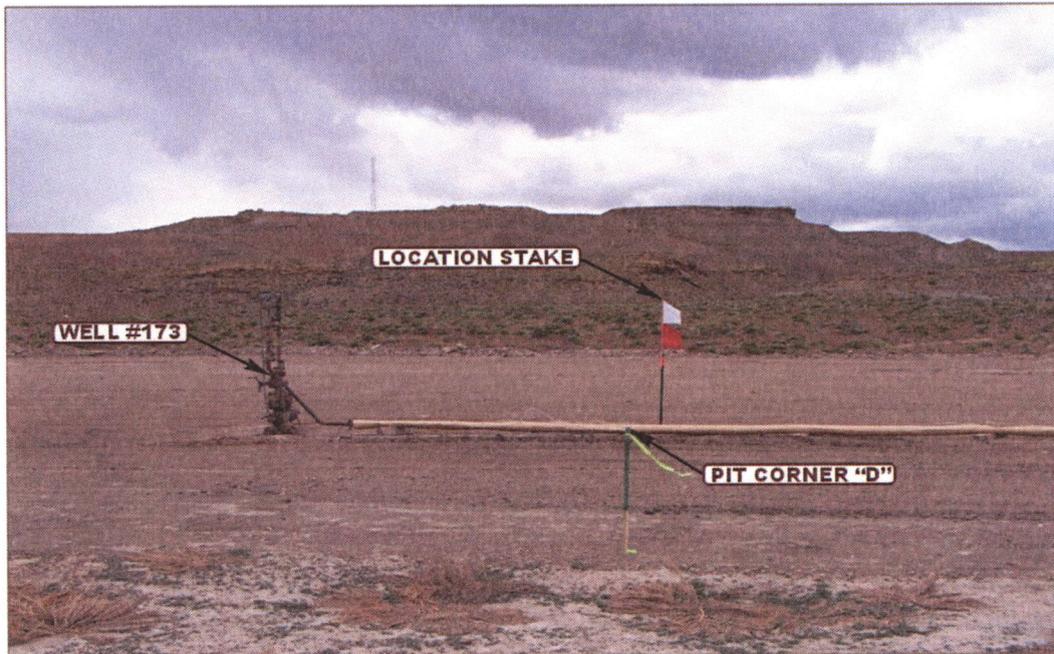


PHOTO: VIEW FROM PIT CORNER "D" TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

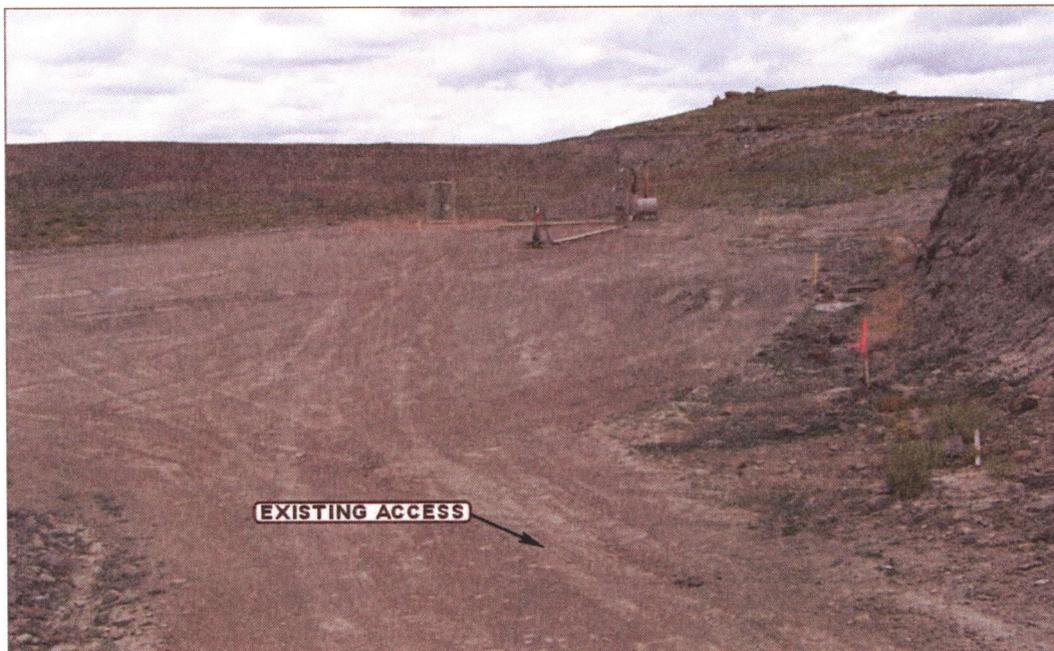


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

05 28 08
MONTH DAY YEAR

PHOTO

TAKEN BY: T.A.

DRAWN BY: L.K.

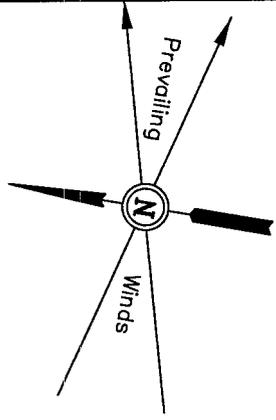
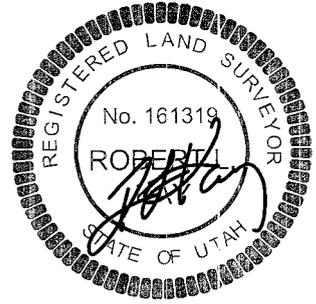
REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

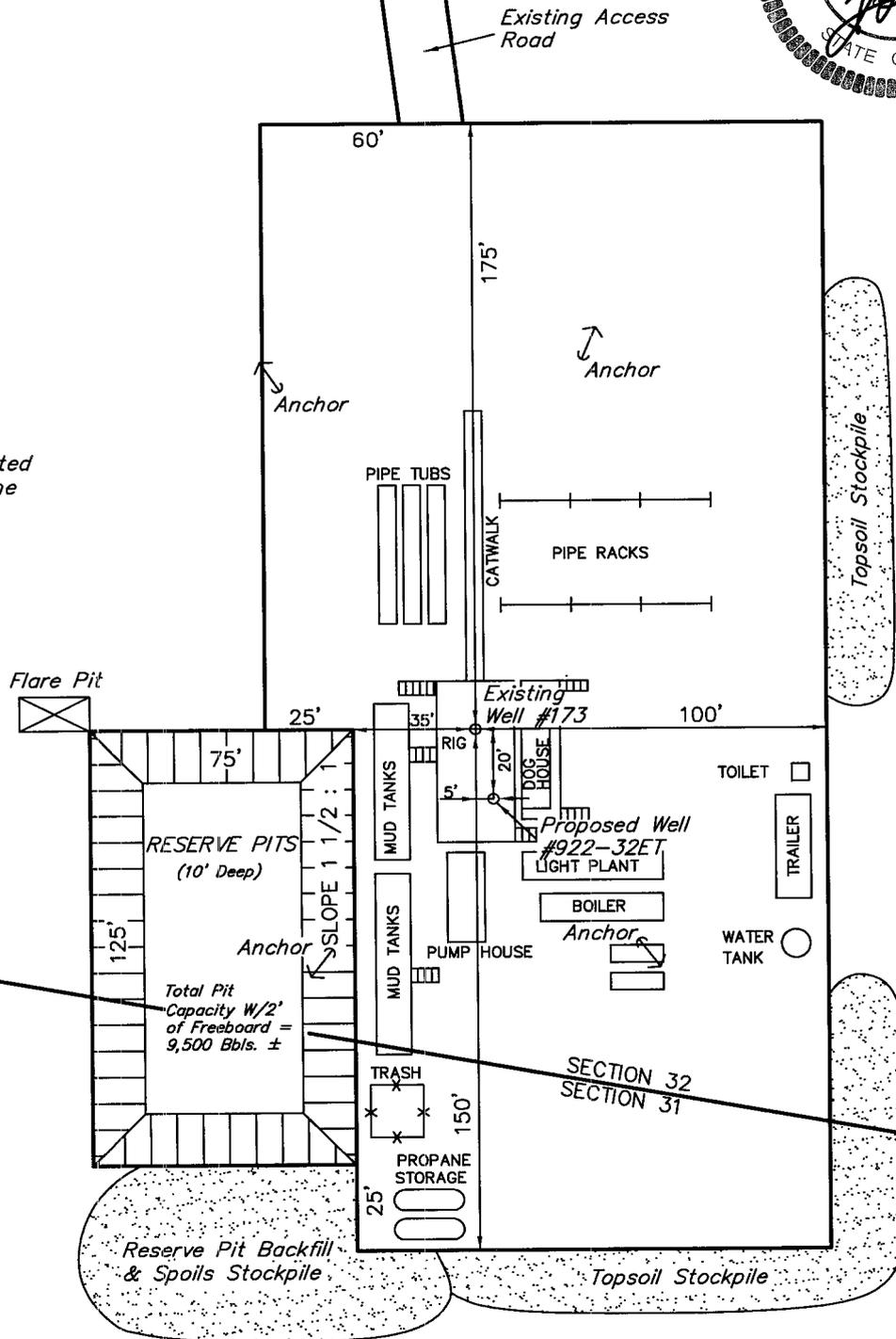
NBU #922-32ET
SECTION 32, T9S, R22E, S.L.B.&M.
2477' FNL 94' FWL



SCALE: 1" = 50'
DATE: 05-28-08
Drawn By: L.K.

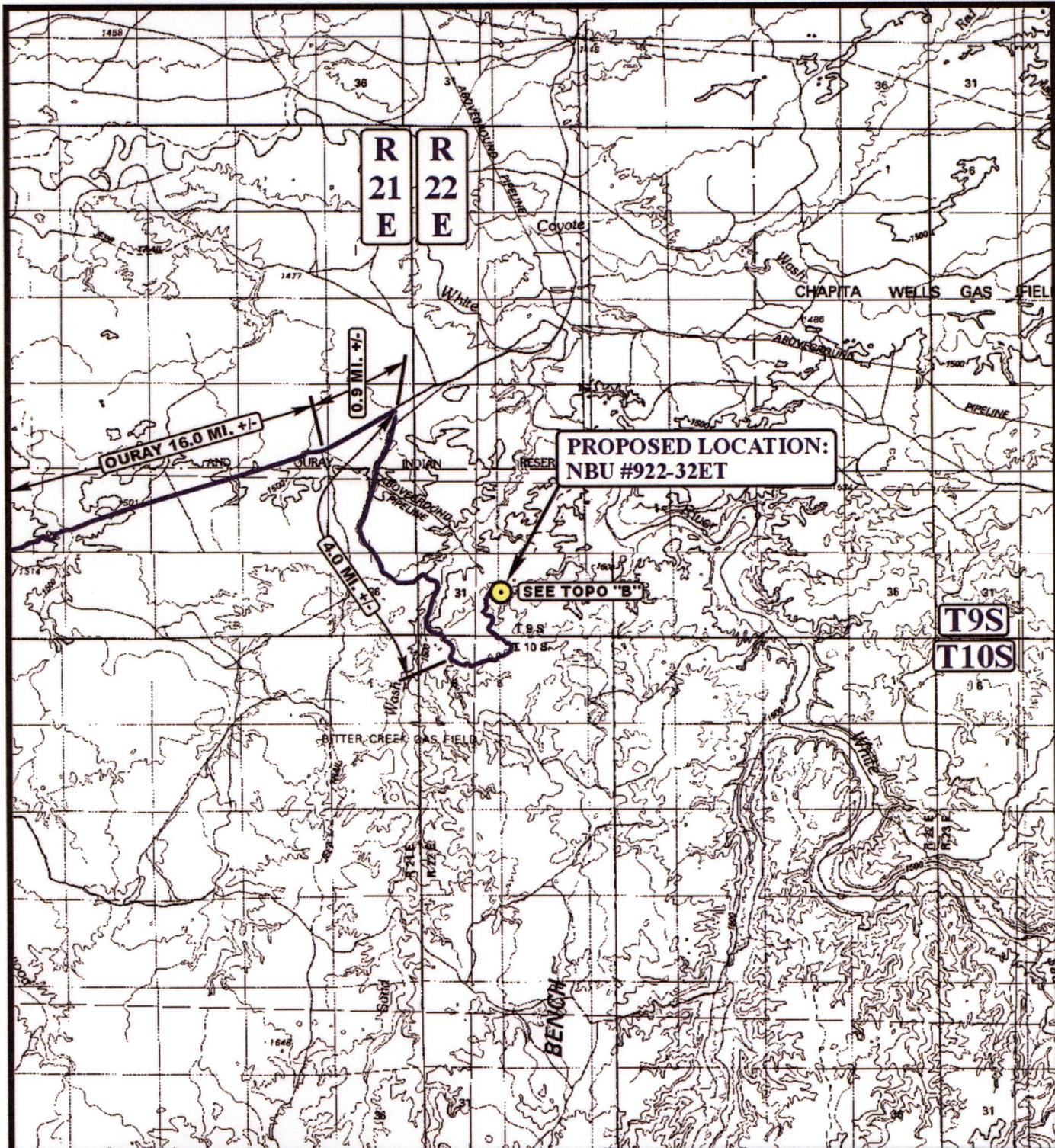
NOTE:

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



NOTES:

FINISHED GRADE ELEV. AT LOC. STAKE = 5035.3'



LEGEND:

 PROPOSED LOCATION

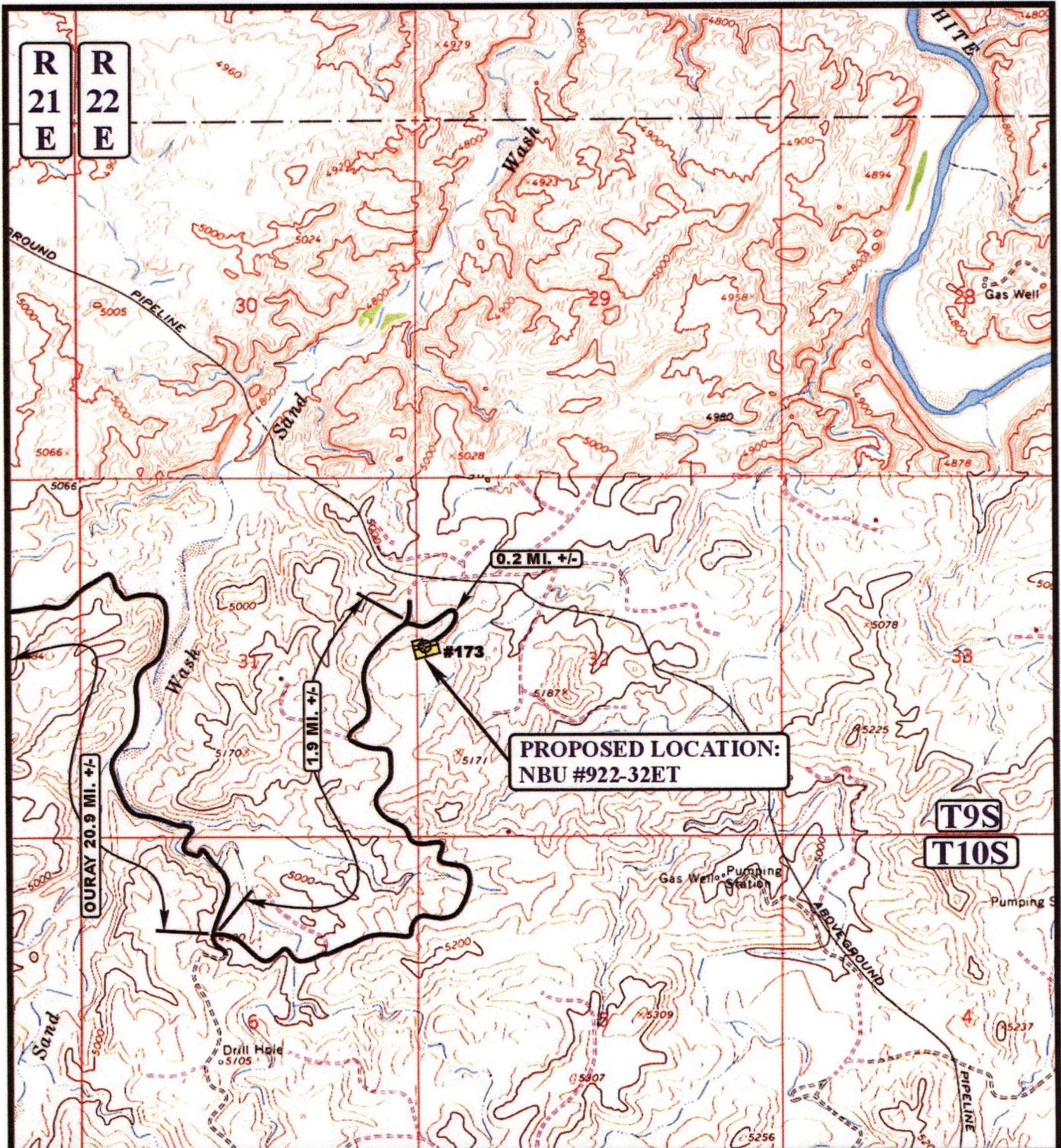


Kerr-McGee Oil & Gas Onshore LP

NBU #922-32ET
SECTION 32, T9S, R22E, S.L.B.&M.
2477' FNL 94' FWL

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

TOPOGRAPHIC **05 28 08**
MAP MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00 **A**
 TOPO



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

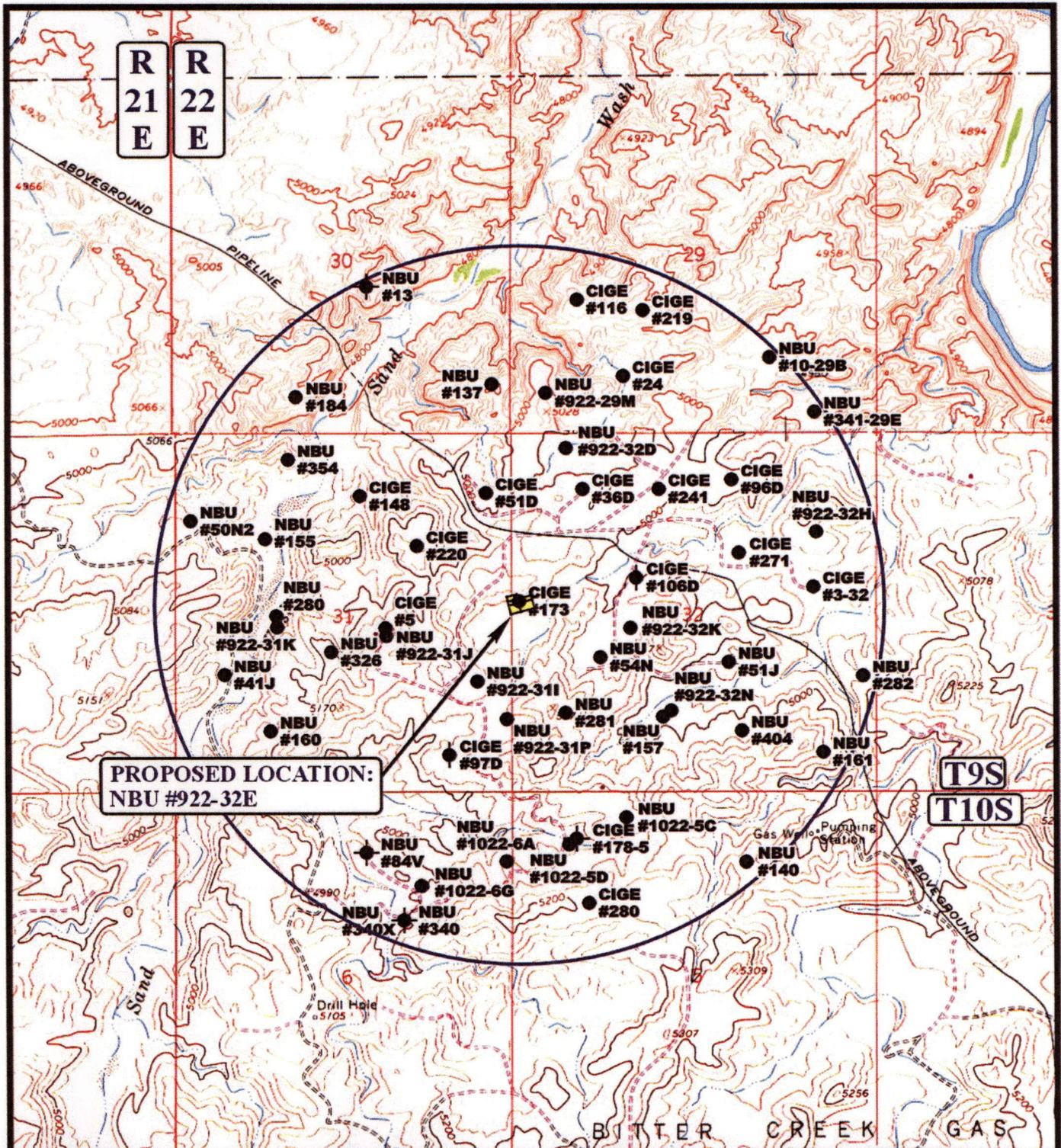
NBU #922-32ET
SECTION 32, T9S, R22E, S.L.B.&M.
2477' FNL 94' FWL



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

TOPOGRAPHIC **05 28 08**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





**PROPOSED LOCATION:
NBU #922-32E**

**T9S
T10S**

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

**NBU #922-32ET
SECTION 32, T9S, R22E, S.L.B.&M.
2477' FNL 94' FWL**



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



TOPOGRAPHIC MAP 05 28 08
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/03/2008

API NO. ASSIGNED: 43-047-40179

WELL NAME: NBU 922-32ET

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 720-929-6226

CONTACT: KEVIN MCINTYRE

PROPOSED LOCATION:

SWNW 32 090S 220E
 SURFACE: 2477 FNL 0094 FWL
 BOTTOM: 2477 FNL 0094 FWL
 COUNTY: UINTAH
 LATITUDE: 39.99303 LONGITUDE: -109.4722
 UTM SURF EASTINGS: 630435 NORTHINGS: 4427892
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWD	8/28/08
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ST ML 22649
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 22013542)
- N Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- N RDCC Review (Y/N)
(Date: _____)
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: NATURAL BUTTES
- _____ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
- Board Cause No: 123-14
- Eff Date: 12-2-1999
- Siting: 460' for underlying Eucomm Tract
- _____ R649-3-11. Directional Drill

COMMENTS: Needs Permit (06-18-08)

STIPULATIONS: 1- STATEMENT OF BASIS
2- OIL SHALE
3- Surface Csg Cut Strip

Application for Permit to Drill

Statement of Basis

8/12/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
857	43-047-40179-00-00		GW	S	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.		Surface Owner-APD		
Well Name	NBU 922-32ET		Unit		
Field	UNDESIGNATED		Type of Work		
Location	SWNW 32 9S 22E S 2477 FNL 94 FWL GPS Coord (UTM) 630435E 4427892N				

Geologic Statement of Basis

Kerr McGee proposes to set 2,200' 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 3,500'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 32. 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. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole. The proposed casing and cement should adequately protect. Any usable ground water.

Brad Hill
APD Evaluator

8/11/2008
Date / Time

Surface Statement of Basis

The proposed NBU 922-32ET gas well is on the existing location of the NBU 173 gas well. This well is planned to be plugged. A reserve pit 75' x 125' x 10' deep will be re-dug in the northwest corner of the location. The existing pad appears to be stable and should present no problems for drilling and operating the proposed well.

Onsite Evaluator

6/19/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHORE, L.P.
Well Name NBU 922-32ET
API Number 43-047-40179-0 **APD No** 857 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWNW **Sec** 32 **Tw** 9S **Rng** 22E 2477 FNL 94 FWL
GPS Coord (UTM) 630431 4427887 **Surface Owner**

Participants

Floyd Bartlett and David Hackford (DOGM), Jim Davis (SITLA), Raleen White, Clay Einerson and Tony Kzneck (Kerr McGee) and David Kay (Uintah Engineering and Land Surveying).

Regional/Local Setting & Topography

The proposed NBU 922-32ET gas well is on the existing location of the NBU 173 gas well. This well is planned to be plugged. A reserve pit 75' x 125' x 10' deep will be re-dug in the northwest corner of the location. The existing pad appears to be stable and should present no problems for drilling and operating the proposed well.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road

Miles	Well Pad Width	Length	Src Const Material	Surface Formation
--------------	---------------------------	---------------	---------------------------	--------------------------

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland

Flora / Fauna

Existing Well Pad

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?

Paleo Potential Observed?

Cultural Survey Run?

Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	<300	20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	35
		1 Sensitivity Level

Characteristics / Requirements

A reserve pit 75' x 125' x 10' deep will be re-dug in the northwest corner of the location.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

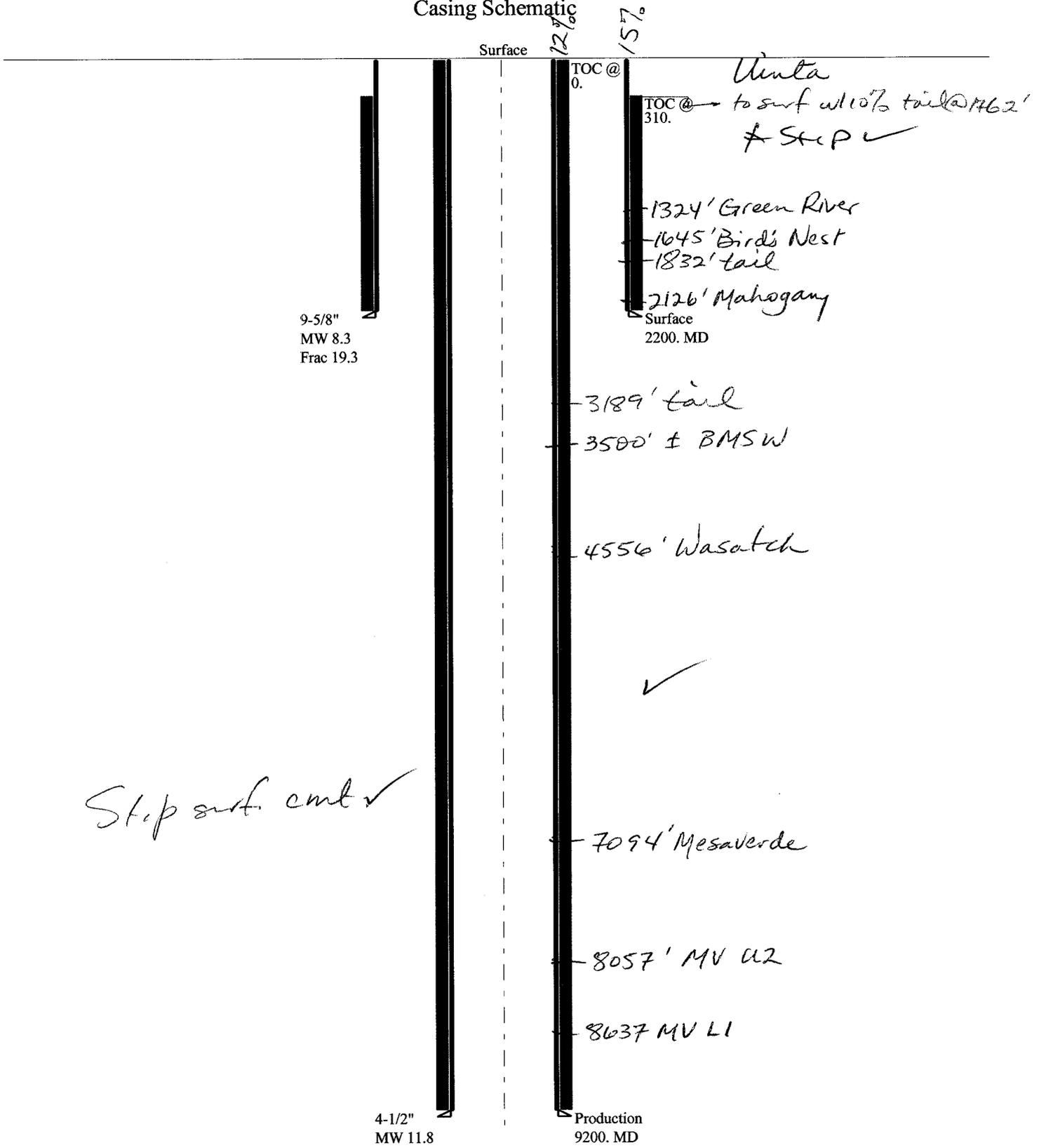
Other Observations / Comments

Evaluator

6/19/2008

Date / Time

Casing Schematic



Well name:	43047401790000 NBU 922-32ET	
Operator:	Kerr McGee Oil & Gas Onshore L.P.	
String type:	Surface	Project ID: 43-047-40179-0000
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,936 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 2,200 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: 1,929 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 106 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,300 ft

Cement top: 310 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 9,200 ft
Next mud weight: 11.800 ppg
Next setting BHP: 5,639 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,200 ft
Injection pressure: 2,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	2200	9.625	36.00	J-55	LT&C	2200	2200	8.796	954.9
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	952	2020	2.122	2200	3520	1.60	69	453	6.52 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: August 19, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	43047401790000 NBU 922-32ET	
Operator:	Kerr McGee Oil & Gas Onshore L.P.	
String type:	Production	Project ID: 43-047-40179-0000
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 11.800 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 3,615 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,639 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
Neutral point: 7,577 ft

Completion type is subs
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	9200	4.5	11.60	I-80	LT&C	9200	9200	3.875	802.8
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	5639	6360	1.128	5639	7780	1.38	107	212	1.99 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: August 19, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9200 ft, a mud weight of 11.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

BOPE REVIEW

Kerr-McGee NBU 922-32ET API 43-047-40179-0000

INPUT

Well Name	Kerr-McGee NBU 922-32ET API 43-047-40179-0000		
	String 1	String 2	
Casing Size (")	9 5/8	4 1/2	
Setting Depth (TVD)	2200	9200	
Previous Shoe Setting Depth (TVD)	40	2200	
Max Mud Weight (ppg)	8.4	11.8	✓
BOPE Proposed (psi)	500	5000	
Casing Internal Yield (psi)	3520	7780	
Operators Max Anticipated Pressure (psi)	5704	11.9 ppg	✓

Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	961	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	697	NO <i>ok.</i> Air Drill to surface shoe with diverter
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	477	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	486	← NO <i>No expected pressure - Birds Nest LC possible</i>
Required Casing/BOPE Test Pressure		2200 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	5645	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4541	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3621	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	4105	← NO <i>Reasonable</i>
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		2200 psi	*Assumes 1psi/ft frac gradient

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

July 15, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Natural Buttes Unit
Uintah County, Utah.

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

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

(Proposed PZ Wasatch/MesaVerde)

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

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

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-15-08

From: Jim Davis
To: Bonner, Ed; Mason, Diana; Raleen.White@anadarko.com
Date: 8/7/2008 11:04 AM
Subject: Kerr McGee Approvals

The following wells have been granted approval by the trust lands Administration, including arch and paleo clearance.

4304740169	NBU 921-26IT	Kerr-McGee Oil & Gas	Natural Buttes	NESE	26	090S	210E
4304740170	NBU 921-27KT	Kerr-McGee Oil & Gas	Natural Buttes	NESW	27	090S	210E
4304740171	NBU 921-27MT	Kerr-McGee Oil & Gas	Natural Buttes	SWSW	27	090S	210E
4304740172	NBU 921-27OT	Kerr-McGee Oil & Gas	Natural Buttes	SWSE	27	090S	210E
4304740173	NBU 921-27HT	Kerr-McGee Oil & Gas	Natural Buttes	SENE	27	090S	210E
4304740174	NBU 921-27LT	Kerr-McGee Oil & Gas	Natural Buttes	NWSW	27	090S	210E
4304740176	NBU 922-29NT	Kerr-McGee Oil & Gas	Natural Buttes	SESW	29	090S	220E
4304740177	NBU 922-29KT	Kerr-McGee Oil & Gas	Natural Buttes	NESW	29	090S	220E
4304740178	NBU 922-31BT	Kerr-McGee Oil & Gas	Natural Buttes	NWNE	31	090S	220E
4304740179	NBU 922-32ET	Kerr-McGee Oil & Gas	Natural Buttes	SWNW	32	090S	220E
4304740114	NBU 921-35AT	Kerr-McGee Oil & Gas	Natural Buttes	NENE	35	090S	210E
4304740146	NBU 922-29LT	Kerr-McGee Oil & Gas	Natural Buttes	NWSW	29	090S	220E

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 2, 2008

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

Re: NBU 922-32ET Well, 2477' FNL, 94' FWL, SW NW, Sec. 32, T. 9 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 43-047-40179.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Kerr-McGee Oil & Gas Onshore, LP

Well Name & Number NBU 922-32ET

API Number: 43-047-40179

Lease: ST ML 22649

Location: SW NW Sec. 32 T. 9 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 action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

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

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

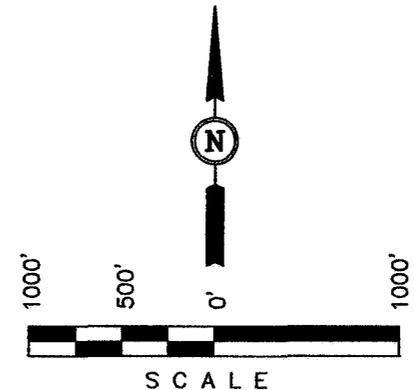
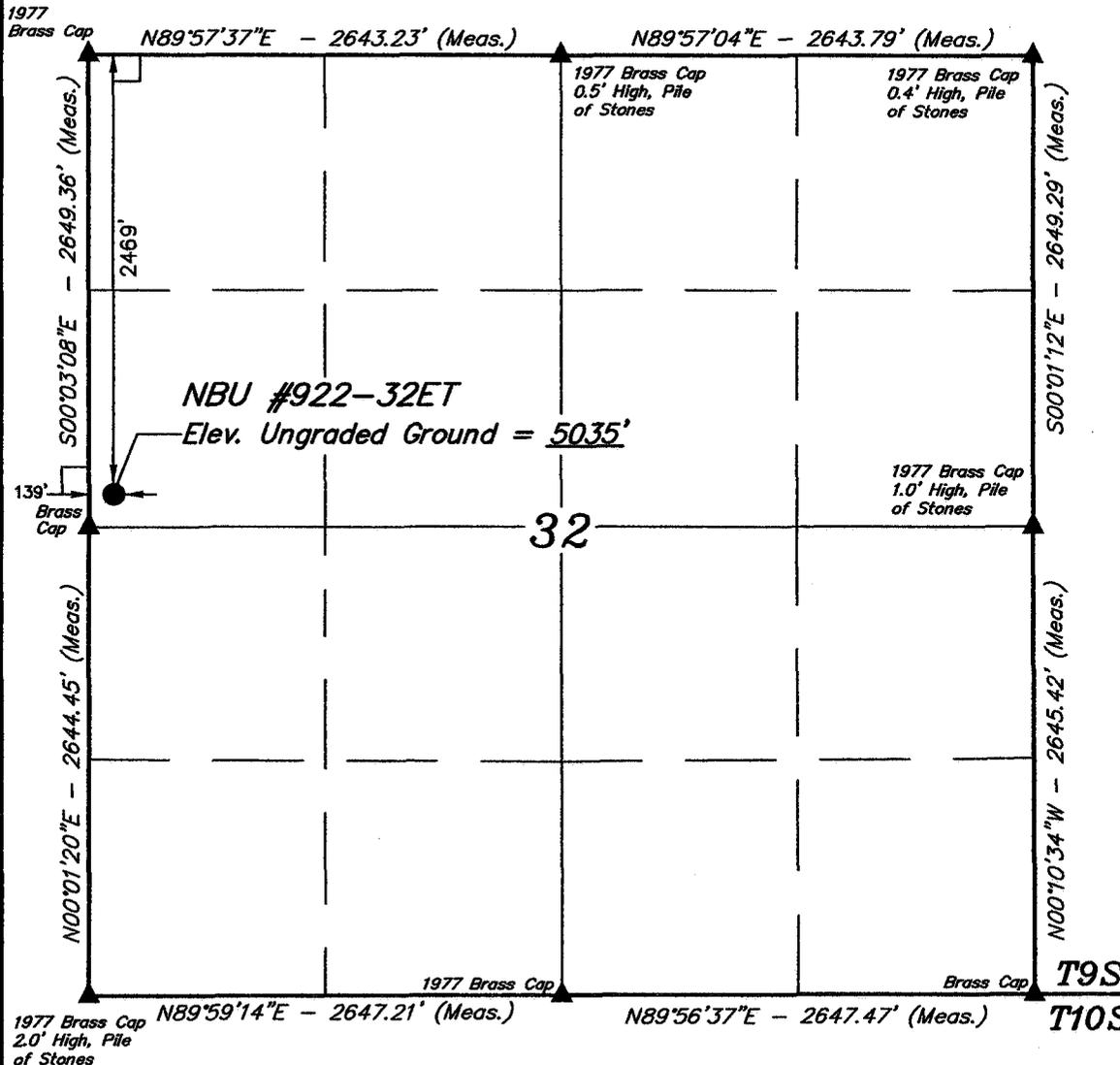
T9S, R22E, S.L.B.&M.

KERR McGEE OIL & GAS ONSHORE LP

Well location, NBU #922-32ET, located as shown in the SW 1/4 NW 1/4 of Section 32, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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



CERTIFICATE

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

ROBERT KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 01-09-09 C.C.
REVISED: 12-10-08 C.C.
REVISED: 11-12-08 C.C.

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

LEGEND:

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

(NAD 83)
LATITUDE = 39°59'34.81" (39.993003)
LONGITUDE = 109°28'22.03" (109.472786)
(NAD 27)
LATITUDE = 39°59'34.93" (39.993036)
LONGITUDE = 109°28'19.56" (109.472100)

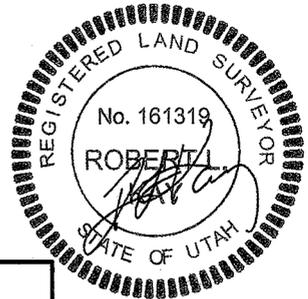
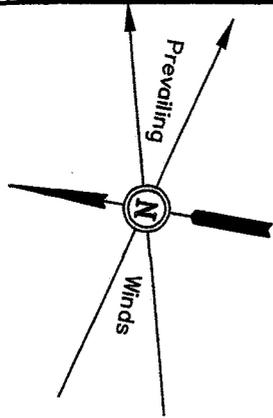
SCALE 1" = 1000'	DATE SURVEYED: 05-23-08	DATE DRAWN: 05-28-08
PARTY T.A. S.K. L.K.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr McGee Oil & Gas Onshore LP	

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

NBU #922-32ET
SECTION 32, T9S, R22E, S.L.B.&M.
2469' FNL 139' FWL



SCALE: 1" = 50'
DATE: 05-28-08
Drawn By: L.K.

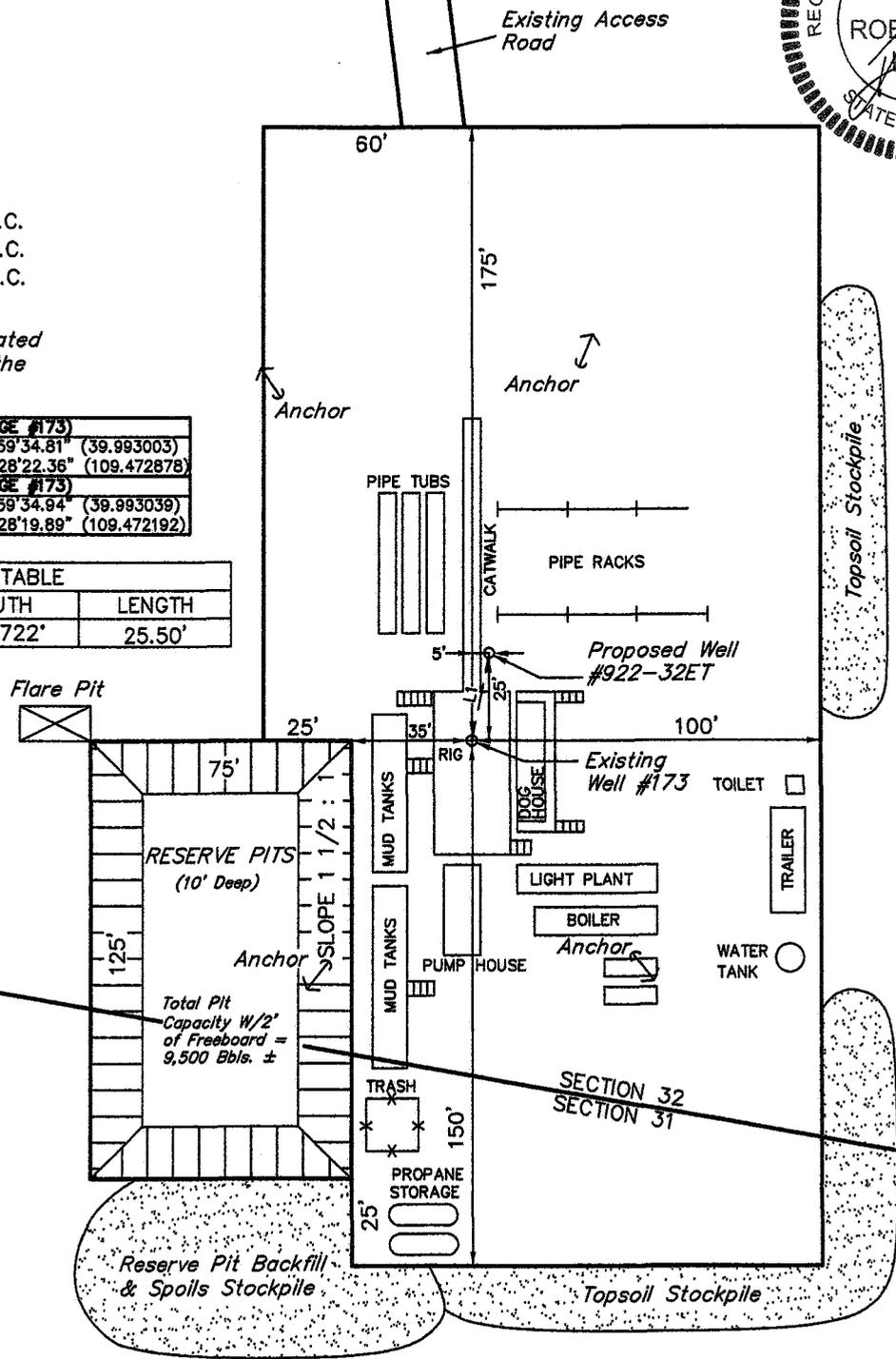
Revised: 11-12-08 C.C.
Revised: 12-10-08 C.C.
Revised: 01-09-09 C.C.

NOTE:

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

NAD 83 (EXIST. CIGE #173)	
LATITUDE = 39°59'34.81" (39.993003)	
LONGITUDE = 109°28'22.36" (109.472878)	
NAD 27 (EXIST. CIGE #173)	
LATITUDE = 39°59'34.94" (39.993039)	
LONGITUDE = 109°28'19.89" (109.472192)	

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	91.274722°	25.50'



NOTES:

FINISHED GRADE ELEV. AT LOC. STAKE = 5035.3'

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 922-32ET

Api No: 43-047-40179 Lease Type: STATE

Section 32 Township 09S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDDED:

Date 02/20/09

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by LEW WELDON

Telephone # (435) 828-7035

Date 02/23/09 Signed CHD

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738487	NBU 1022-6K-3		NESW	6	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
	99999		2/23/2009				
Comments: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 02/23/2009 AT 1700 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740179	NBU 922-32ET		SWNW	32	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	2/20/2009		<i>2/26/09</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 02/20/2009 AT 1030 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739995	NBU 1022-04N4T		SESW	4	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>B</i>	99999	<i>2900</i>	2/23/2009		<i>2/26/09</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 02/23/2009 AT 1100 HRS.							

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

Sheila Upchego
2/24/2009

Date

RECEIVED

FEB 24 2009

(5/2000)

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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: ST ML-22649
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: NBU 922-32ET
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304740179
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2477'FNL, 94'FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 32 9S, 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <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 02/20/2009 AT 10:30 HRS.

NAME (PLEASE PRINT) <u>SHEIDA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>2/24/2009</u>

(This space for State use only)

RECEIVED
MAR 02 2009
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: ST ML-22649
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 922-32ET
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304740179
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2477'FNL, 94'FWL			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 32 9S, 22E			COUNTY: UINTAH
			STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>SET SURFACE CSG</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 PROPETRO AIR RIG ON 02/21/2009. DRILLED 12 1/4" SURFACE HOLE TO 2460'. RAN 9 5/8" 36# J-55 SURFACE CSG. PMP 350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DROP PLUG DISPLACE W/ 184.8 BBLs H2O PLUG DOWN W/NO CMT TO SURFACE HOLD 850 PSI ON CSG NO PROBLEMS PMP 100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE W/NO CMT TO SURFACE WOC. MIX & PMP 200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE W/NO CMT TO SURFACE WOC MIX & PMP 50 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE CMT TO SURFACE.

WORT

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE	DATE <u>3/4/2009</u>

(This space for State use only)

RECEIVED

MAR 05 2009

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: ST ML-22649
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 922-32ET
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304740179
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2477'FNL, 94'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 32 9S, 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

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

FINISHED DRILLING FROM 2460' TO 9200' ON 03/13/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/423 SX PREM LITE II @11.4 PPG 2.96 YIELD. TAILED CMT W/1293 SX 50/50 POZ @14.3 PPG 1.31 YIELD. WASH LINES DROP PLUG & DISPLACE W/141.7 BBLs WATER WITH .045 GAL/BBL CLAY TREAT + .0075 GAL/BBL MAGNACIDE @8.3 PPG BUMP PLUG W/3000 PSI PLUG HELD. 2500 PUMPING PSI 500 OVER PSI 1.5 BBLs BLEED OFF CIRCULATED 20 BBL CMT TO SURFACE. WASH STACK PULL LANDING JT PACK OFF AND TEST TO 5000 PSI NIPPLE DOWN BOPS CLEAN MUD TANKS.

RELEASED PIONEER RIG 68 ON 03/14/2009 AT 2359 HRS.

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE	DATE <u>3/16/2009</u>

(This space for State use only)

RECEIVED
MAR 23 2009
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ST ML 22649
---	--

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 922-32ET
------------------------------------	---

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047401790000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
---	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 2469 FNL 0139 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 32 Township: 09.0S 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: 5/1/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 05/01/2009 AT 10:00 AM. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY. **Accepted by the Utah Division of Oil, Gas and Mining**
FOR RECORD ONLY
 May 11, 2009

NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 5/8/2009

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68	
Event: DRILLING		Start Date: 2/21/2009		End Date: 3/14/2009	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
2/21/2009	22:30 - 0:00	1.50	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 2230 HR 2/21/09 DRILL FROM 40'-180' DA
2/22/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD NO WATER 780'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD HIT TRONA WATER ZONE @ 810' DRILL TO 990' @ REPORT TIME
2/23/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP NO RETURNS 1260' DA
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD HIT TRONA ZONE @1530' DA AT REPORT TIME
2/24/2009	0:00 - 0:30	0.50	DRLSUR	09	A	P		WIRELIN SURVEY @ 1470' - 3/4 DEG
	0:30 - 18:00	17.50	DRLSUR	02	A	P		DRILL F/ 1500' - T/ 1830' - PUMP DRILL W/ RETURNS
	18:00 - 19:00	1.00	DRLSUR	09	A	P		CIRC & WIRELIN SURVEY @ 1770' - 3/4 DEG
	19:00 - 0:00	5.00	DRLSUR	02	A	P		DRILL F/ 1830' - T/ 1920' - PUMP DRILL W/ RETURNS
2/25/2009	0:00 - 0:00	24.00	DRLSUR	02	A	P		DRILL F/ 1920' - T/ 2430' W/ PUMP AND AIR / PARTIAL RETURNS
2/26/2009	0:00 - 1:30	1.50	DRLSUR	02	A	P		DRILL F/ 2340' - T/ 2460' (T.D.)
	1:30 - 2:30	1.00	DRLSUR	04	C	P		CIRCULATE & CONDITION HOLE FOR CASING
	2:30 - 3:30	1.00	DRLSUR	09	A	P		WIRELIN SURVEY @ 2400' - 1.25 DEG
	3:30 - 7:00	3.50	DRLSUR	05	D	P		P.O.O.H. / L.D.B.H.A.
	7:00 - 9:00	2.00	CSG	11	B	P		SAFETY MEETING / RIG UP / RUN 56 JTS. 9 5/8 #36.0 LT&C CASING SET @ 2432' (G.L.)
	9:00 - 10:00	1.00	RDMO	01	A	P		R.D.M.O. AIR DRILL RIG & EQUIPMENT
	10:00 - 11:30	1.50	CSG	15	A	P		PUMP 350 SX #15.8 CEMENT / DROP PLUG / DISPLACE WITH 184.8 BBLs H2O / PLUG DOWN @ 11:00 HRS W/ NO CEMENT TO SURFACE / HOLD 850 PSI ON CASING (NO PROBLEMS) / PUMP 100 SX #15.8 CEMENT DOWN BACKSIDE W/ NO CEMENT TO SURFACE
	11:30 - 13:30	2.00	CSG	12	B	P		W.O.C.
	13:30 - 14:00	0.50	CSG	15	A	P		MIX & PUMP 200 SX 15.8 CEMENT DOWN BACKSIDE W/ NO CEMENT TO SURFACE
	14:00 - 15:30	1.50	CSG	12	B	P		W.O.C.
3/4/2009	15:30 - 16:00	0.50	CSG	15	A	P		MIX & PUMP 50 SX 15.8 CEMENT DOWN BACKSIDE W/ CEMENT TO SURFACE / NO FALLBACK ON CEMENT
	16:00 - 17:00	1.00	CSG	15	A	P		R.D.M.O. CEMENT EQUIPMENT
	17:00 - 0:00	7.00	SUSPEN	12	E	P		WAIT ON ROTARY TOOLS
	2:30 - 7:00	4.50	RDMO	01	E	P		RIG DOWN RIG AND READY FOR TRUCKS
	7:00 - 12:30	5.50	RDMO	01	A	P		HOLD SAFETY MEETING W/ L & S TRUCKING, J & C, PIONEER 68, TEAR RIG DOWN AND MOVE 7.5 MILES TO LOCATION. MOUNTAIN WEST ON LOCATION @ 10:00.
	12:30 - 19:00	6.50	MIRU	01	B	P		MIRU ON LOCATION. LOCATION IS A TWIN WELL AND SMALL. SPOT RIG ON LOCATION USING L & S AND J & C. HALF MASS DERRICK, RAISE SUB. RAN OUT OF DAYLIGHT TO FULL MASS DERRICK. RELEASE TRUCKS @ 18:00. RELEASE CRANE @ 19:30. RELEASE MOUNTAIN WEST @ 19:30
	19:00 - 0:00	5.00	MIRU	01	B	P		RIG UP BACK YARD 70%, PIONEER DID GEAR END INSPECTION ON PUMPS BUT NO PIONEER HANDS WHERE UTILIZED FOR THIS.

ROCKIES
Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH			Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68
Event: DRILLING			Start Date: 2/21/2009		End Date: 3/14/2009
Active Datum: RKB @5,053.00ft (above Mean Sea Level)				UWI: NBU 922-32ET	

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
3/5/2009	0:00 - 7:00	7.00	MIRU	01	B	P		RIG UP BACK YARD. TO 100%, RAISE DERRICK FULL MASS.
	7:00 - 12:00	5.00	MIRU	07	A	P		REPAIR WICHITA, UNABLE TO USE RIG DURING REPAIR.
	12:00 - 15:00	3.00	MIRU	01	B	P		RIG UP FLOOR. PICK UP ROTARY TOOLS.
	15:00 - 18:00	3.00	MIRU	13	A	P		INSTALL FMC LOCKDOWN FLANGE AND TEST TO 5000 PSI, NIPPLE UP BOP'S. INSTALL ROT. HEAD AND FLOWLINE. INSTALL CHOKE LINE. RIG UP HYDRALICS AND FUNCTION TEST BOP.
	18:00 - 22:30	4.50	MIRU	13	C	P		PRESSURE TEST UPPER AND LOWER KELLY VALVES, FLOOR VALVE AND DART VALVE, PIPE AND BLIND RAMS, INSIDE AND OUTSIDE BOP VALVES CHOKE LINE, KILL LINE, AND CHOKE TO 5000 PSI FOR 10 MIN AND 250 PSI FOR 5 MIN. TEST ANNULAR TO 2500 PSI FOR 10 MIN AND 250 PSI FOR 5 MIN, TEST CASING TO 1500 PSI FOR 30 MIN. PRE SPUD INSPECTION.
	22:30 - 0:00	1.50	MIRU	06	D	P		SLIP AND CUT DRILL LINE.
3/6/2009	0:00 - 4:00	4.00	DRLPRO	05	A	P		RUN WEAR BUSHING, HOLD SAFETY MEETING W/ WEATHERFORD TRS. RIG UP LAYDOWN MACHING AND P/U BHA 2380' RIG DOWN WEATHERFORD TRS
	4:00 - 5:00	1.00	DRLPRO	13	B	P		TORQUE KELLY, INSTALL ROT. HEAD RUBBER. DO PRE- SPUD INSPECTION. INSPECT PUMPS AND MUD LINES FOR LEAKS.
	5:00 - 6:00	1.00	DRLPRO	02	F	P		DRILL CEMENT AND FE 2399' TO 2478'
	6:00 - 10:30	4.50	DRLPRO	02	B	P		DRILL 2478'-2982' (504', 117'/HR) WOB 15-18K, ROT 55, SPM 125, 473 GPM, ON/OFF PSI- 1300/1000, UP-SO-RO/ 102-96-98, MUD WT 8.5 VIS 28
	10:30 - 11:00	0.50	DRLPRO	09	D	P		MWD SURVEYS. 2467'= .6/ 163, 2687'= .8/125.3, 2949' = .9/ 144.3. 26' FROM CENTER TO CENTER SEPERATION FACTOR 2.888
	11:00 - 16:00	5.00	DRLPRO	02	B	P		DRILL 2982' -3487'(505,101'/HR) WOB 15-18K, ROT 55, SPM 125, 473 GPM, ON/OFF PSI- 1500/1200, UP-SO-RO/ 102-85-100, MUD WT 8.8 VIS 30
	16:00 - 16:30	0.50	DRLPRO	06	A	P		RIG SERVICE FUNCTION BOP'S.
	16:30 - 23:00	6.50	DRLPRO	02	B	P		DRILL 3487'-4120' (633, 97'/HR) WOB 15-18K, ROT 55, SPM 125, 473 GPM, ON/OFF PSI- 1600/1300, UP-SO-RO/ 106-98-102, MUD WT 9.0 VIS 32 2% LCM
	23:00 - 23:30	0.50	DRLPRO	04	A	Z		MWD ATTEMPTED TO BECOME PLUGGED, PRESSURE JUMPED TO 2400 PSI, WHILE PRETREATING MUD TO 3% LCM. CIRC CLEARING MWD TOOL. MWD TOOL NOT WORKING.
	23:30 - 0:00	0.50	DRLPRO	09	B	P		RUN SURVEY TOOL ON WIRELINE, 4005= 2.05 166 AZI. 31' CENTER TO CENTER. 2.091 SF
3/7/2009	0:00 - 2:00	2.00	DRLPRO	02	B	P		DRILL 4120'-4342' (222', 111'/HR) WOB 15-18K, ROT 55, SPM 125, 473 GPM, ON/OFF PSI- 1600/1300, UP-SO-RO/ 110-100-105, MUD WT 9.1 VIS 32 2% LCM
	2:00 - 2:30	0.50	DRLPRO	09	B	P		WIRELINE SURVEY 4272'=2.13 AZI 188

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68	
Event: DRILLING		Start Date: 2/21/2009		End Date: 3/14/2009	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	2:30 - 8:30	6.00	DRLPRO	02	B	P		DRILL 4342'- 4946' (604', 100'/HR) WOB 10-18K, ROT 55-60, SPM 125, 473 GPM, ON/OFF PSI- 1700/1400, UP-SO-RO/ 120-107-115, MUD WT 9.2 VIS 32 3% LCM (SURVEY W/ MWD 4457'= 2.7 AZI 190 29' SF=1.721) REDUCE WOB TO 10-12K (MWD SURVEY 4810 DEG 2.3 AZI 171.3 27' SF= 1.518.) CONTINUE DRILLING W/ REDUCE WOB TRYING TO INCREASE SF. (MWD SURVEY 4905' DEG 2.6 AZI 165 27' SF= 1.461) SF DROPPED BELOW 1.5. ORDER OUT DIRECTIONAL TOOLS OF SCIENTIFIC DRILLING.
	8:30 - 9:00	0.50	DRLPRO	06	A	P		RIG SERVICE. FUNCTION BOP'S
	9:00 - 10:00	1.00	DRLPRO	04	C	P		TRANSFER OVER 50 BBLS OF LIQUID MUD 11.9 WT FOR DRY JOB. CIRC TO TIME ARRIVAL OF DIRECTIONAL TOOLS.
	10:00 - 14:00	4.00	DRLPRO	05	A	P		TRIP OUT OF HOLE FOR DIRECTIONAL TOOLS, BIT #1 STILL IN GOOD SHAPE. NO TIGHT HOLE ON TRIP. NO FLOW OR GAS.
	14:00 - 15:00	1.00	DRLPRO	12	E	P		WAIT FOR DIRECTIONAL TOOLS TO ARRIVE FROM GRAND JUNCTION.
	15:00 - 17:30	2.50	DRLPRO	12	E	P		UNLOAD TOOLS, SET UP EQUIPMENT, TALLY DIRECTIONAL TOOLS.
	17:30 - 19:00	1.50	DRLPRO	05	K	P		MAKE UP BIT #1 ON 1.5 DEGREE BENT HOUSING MOTOR .14 REV/GPM. P/U NMDC, P/U NMPC, P/U HANG OFF SUB, P/U GAP SUB, P/U NMDC.
	19:00 - 20:30	1.50	DRLPRO	05	K	P		CHECK MWD TOOL, AND INSTALL.
	20:30 - 0:00	3.50	DRLPRO	05	K	P		TRIP IN HOLE, TEST TOOLS ON TRIP IN SEVERAL TIMES.
3/8/2009	0:00 - 0:30	0.50	DRLPRO	05	K	P		TRIP IN HOLE W/ DIRECTIONAL TOOLS. NO TIGHT HOLE.
	0:30 - 7:00	5.50	DRLPRO	02	D	P		DRILL AND SLIDE 4946' TO 5103' (157', 28'/HR OVERALL) DRILLING 20' HR ON SLIDES AND 40' HR ROT. WOB 10-12, ROT 55-60, SPM 125, 473 GPM, ON/OFF PSI- 1700/1400, SLIDE W/ 20-28 WOB UP-SO-RO/ 127/199/120, MUD WT 9.6 VIS 34 3% LCM
	7:00 - 7:30	0.50	DRLPRO	03	B	P		REAM UP 90' AND REAM BACK 90' TO WORK OUT DOGLEG.
	7:30 - 16:00	8.50	DRLPRO	02	D	P		DRILL & SLIDE F/ 5103 TO 5385 10-15 WOB ROT 55-60 125 SPM 473 GPM 65 ROP
	16:00 - 16:30	0.50	DRLPRO	06	A	P		RIG SERVICE
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRILL & SLIDE F/ 5385 TO 5859 15-20 WOB ROT 45-50 125 SPM 473 GPM 42.5 OVERALL ROP ON/OFF PSI- 1450 / 1750
3/9/2009	0:00 - 13:30	13.50	DRLPRO	02	D	P		DRILL F/ 5859 TO 6460 - ROP 38 ACTUAL WOB 20 SPM 124 GPM 469 MTR. RPM 65 SPP 1620/1780 MW 10.2 VIS 37
	13:30 - 14:00	0.50	DRLPRO	06	A	P		RIG SERVICE
	14:00 - 0:00	10.00	DRLPRO	02	D	P		DRILL F/ 6460 TO 6840 - ROP 36 ACTUAL WOB 20 SPM 124 GPM 469 MTR. RPM 65 SPP 1740/1890 MW 10.2 VIS 38
3/10/2009	0:00 - 16:00	16.00	DRLPRO	02	A	P		DRILL F/ 6840 TO 7410' (570') 35.6'/HR. WOB 16/ 22 SPM 123, GPM 469, MTR RPM 65, SPP 1950/2150, PU/SO/ROT 174/150/160, DIFF 200, MW 10.4 VIS 41
	16:00 - 16:30	0.50	DRLPRO	06	A	P		SERVICE RIG

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009				
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68				
Event: DRILLING		Start Date: 2/21/2009		End Date: 3/14/2009				
Active Datum: RKB @5,053.00ft (above Mean Sea Level)		UWI: NBU 922-32ET						
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	16:30 - 0:00	7.50	DRLPRO	02	A	P		DRILL 7410'- 7697' (287') 38.2'/HR. WOB16/ 22 SPM 123, GPM 469, MTR RPM 65, SPP 1980/2180, PU/SO/ROT 174/150/160, DIFF 200, MW 10.7 VIS 41
3/11/2009	0:00 - 12:00	12.00	DRLPRO	02	B	P		DRILL 7697'-8136' (439') 36.5'/HR. NUMEROUS SHOWS FROM 7730' TO 8132', SHOW GAS 6800 TO 7300 UNITS WITH 5' TO 15' FLARES. CG UP TO 8400 UNITS W/ 5' TO 15' FLARE. BGG 50 TO 400. WOB16/ 22 SPM 123, GPM 469, MTR RPM 65, SPP 2150/2350, PU/SO/ROT 180/125/165, DIFF 200, MW 11.2 VIS 42...LOST FULL RETURNS. RIG SERVICE WHILE MIXING LCM.
	12:00 - 12:30	0.50	DRLPRO	06	A	P		MIX LCM TO 10%, CIRCULATE AT SPR TILL LCM A 5200' CALCULATED. FULL RETURNS, INCREASE PR, SLIGHT SEEPAGE. LOST TOTAL OF 71 BBLS.
	12:30 - 14:00	1.50	DRLPRO	04	D	X		DRILL 8136'-8392' (256') 36.5'/HR. SHOW @ 8180' 4240 UNITS, DTG 8145 UNITS WITH 5' TO 15' FLARES. CG 340 TO 1500 UNITS BGG 50 TO 400. WOB 16/ 22 SPM 123, GPM 469, MTR RPM 65, SPP 2180/2330, PU/SO/ROT 185/150/169, DIFF 150, MW 11.6 VIS 42. LCM 8%. HOLE SEEPING, LOST 20 BBLS, INC LCM TO 10%.
	14:00 - 21:00	7.00	DRLPRO	02	B	P		CIRCULATE BOTTOMS UP, MIX AND PUMP SLUG. PREPARE TO TRIP FOR NEW BIT DUE TO P-RATE BEING SPORATIC DOWN TO 13'/HR. AND DIFF. FALLING OFF.
	21:00 - 22:00	1.00	DRLPRO	04	C	P		START POOH FOR BIT DUE TO P-RATE.
3/12/2009	22:00 - 0:00	2.00	DRLPRO	05	A	P		FINISH OUT OF HOLE, LD DIRECTIONAL TOOLS. FUNCTION BLIND RAMS.
	0:00 - 5:00	5.00	DRLPRO	05	A	P		MAKE UP NEW HTC Q506X (6X12 JETS) ON BHI .16 RPG MOTOR AND PROSHOT MWD, FUNCTION TEST MOTOR AT THE ROTARY. TIH FILLING PIPE AT THE SHOE AND 4300', FIH. LOST 28 BBLS ON TRIP. WASH 20' TO BOTTOM.
	5:00 - 10:30	5.50	DRLPRO	05	A	P		DRILL 8392'-8700' (308') 44'/HR. WOB 14/ 20 SPM 123, GPM 469, MTR RPM 65, SPP 2000/2300, PU/SO/ROT 180/173/150, DIFF 300, MW 11.7 VIS 42. LCM 10% . SHOW GAS 2900 TO 5660 UNITS. NO FLARES. CG 50 TO 2350 UNITS. BGG 50 TO 400.
	10:30 - 17:30	7.00	DRLPRO	02	B	P		SERVICE RIG, FUNCTION TEST ANN.
	17:30 - 18:00	0.50	DRLPRO	06	A	P		DRILL 8700'-8988' (288') 48'/HR. SPM 123, GPM 469, MTR RPM 65, SPP 2000/2250, PU/SO/ROT 185/155/172, DIFF 250, MW 11.7 VIS 42. LCM 10% . CG 100 TO 3520 UNITS. BGG180 TO 1020. PEAK GAS 7155 UNITS. TRIP GAS 7155.
3/13/2009	18:00 - 0:00	6.00	DRLPRO	02	B	P		DRILL 8988'-9200' (212') 38.5'/HR. SPM 123, GPM 469, MTR RPM 65, SPP 2000/2250, PU/SO/ROT 185/155/172, DIFF 250, MW 11.8 VIS 48. LCM 10% . CG 100 TO 3520 UNITS. BGG180 TO 1020. PEAK GAS 7155 UNITS.
	0:00 - 5:30	5.50	DRLPRO	02	B	P		CIRCULATE BOTTOMS UP.
	5:30 - 6:30	1.00	DRLPRO	04	C	P		SHORT TRIP 25 STANDS TO 7600'
	6:30 - 8:30	2.00	DRLPRO	05	E	P		

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68	
Event: DRILLING		Start Date: 2/21/2009		End Date: 3/14/2009	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	8:30 - 10:00	1.50	DRLPRO	04	C	P		CIRCULATE BOTTOMS UP WHILE HOLDING SAFETY MEETING WITH KIMSEY LD CREW. RIG UP SAME. BU GAS 7380 UNITS WITH 5' TO 12' FLARE. HELD SAFETY MEETING WITH LD CREW AND RIG UP SAME.
	10:00 - 20:30	10.50	DRLPRO	05	B	P		HELD PRE JSA, SLUG PIPE, POOH LDDS, BREAK KELLY, LD BHA.
	20:30 - 21:00	0.50	DRLPRO	13	B	P		PULL WEAR BUSHING. CLEAN FLOOR AND REMOVE TRIP HAZARDS.
	21:00 - 0:00	3.00	DRLPRO	08	A	P		HELD SAFETY MEETING WITH HALLIBURTON, RIG UP SAME. START RUNNING 4 1/2' PROD. CSG.
3/14/2009	0:00 - 2:00	2.00	DRLPRO	08	A	P		RUN IN HOLE AND LOG WITH TRIPLE COMBO FROM 9205' TO CSG. SHOE, RAN GR FROM CSG. SHOE TO SURFACE.
	2:00 - 10:00	8.00	DRLPRO	11	A	P		HELD SAFETY MEETING WITH CSG CREW. RUN CSG. AS FOLLOWS: FLOAT SHOE, 1 JT. CSG. FLOAT COLLAR, 109 JTS. CSG. MARKER JT. SET AT 4546', 107 JTS. 4 1/2" 11.6 PPF I-80 CSG. OAL 9186.55', SET AT 9186.55'. CENTRALIZED WITH 15 BOW SPRINGS, 1 ON FIRST 3 JTS. THEN EVERY 3RD JT.
	10:00 - 13:30	3.50	DRLPRO	04	E	P		SPACE OUT AND LAND FLUTED HANGER IN HEAD.
	13:30 - 16:00	2.50	DRLPRO	15	A	P		INSTALL PLUG RETAINER. CIRCULATE WITH RIG PUMP WHILE RIGGING DOWN CASING CREW AND RIGGING UP CEMENTERS. NOTE: HAD TO MOVE OUT LAY DOWN MACHINE PRIOR TO BEING ABLE TO GET TAIL CEMENT OFF LOADED AND CEMENT TRUCKS ON LOCATION DUE TO TIGHT LOCATION CONSTRUCTIONS.
	16:00 - 22:00	6.00	DRLPRO	11	A	P		BOTTOMS UP GAS 10' TO 20' FLARE. HELD SAFTY MEETING WITH BJ, RIG UP SAME. SWITCH LINE & TEST TO 4500 PSI. PUMP 20 BBLs WATER @ 8.3 PPG, PUMP 223 BBLs LEAD 423 SKS PREMIUM LITE 11 @ 11.4 PPG, YIELD 2.96, PUMP 302 BBLs TAIL 1293 SCKS 50:50 POZ MIX @ 14.3 PPG, YIELD 1.31, WASH LINES DROP PLUG & DISPLACE W/ 141.7 BBLs WATER WITH .045 GAL/BBL CLAY TREAT + .0075 GAL/BBL MAGNACIDE @ 8.3 PPG, BUMP PLIUG W/ 3000 PSI, PLUG HELD, 2500 PUMPING PSI, 500 OVER PSI, 1.5 BBLs BLEED OFF, RIG DOWN BJ. CIRULATED 20 BBLs CEMENT TO SURFACE.
	22:00 - 0:00	2.00	DRLPRO	01	E	P		WASH STACK, RIG DOWN BJ, PULL LANDING JOINT. INSTALL PACKOFF AND TEST TO 5000 PSI. NB BOP'S. CLEAN MUD TANKS. RDRT,,,,, RELEASE RIG AT 23:59 HRS. 3-14-09

ROCKIES

Operation Summary Report

Well: NBU 922-32ET

Spud Conductor: 2/20/2009

Spud Date: 2/21/2009

Project: UTAH

Site: UINTAH

Rig Name No: MILES-GRAY 1/1

Event: COMPLETION

Start Date: 4/23/2009

End Date:

Active Datum: RKB @5,053.00ft (above Mean Sea Level)

UWI: NBU 922-32ET

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
4/23/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- PU TBG
	7:30 - 18:00	10.50	COMP	31	I	P		MU 3-7/8" BIT, BIT SUB AND RIH AS MEAS AND PU 2-3/8" L-80 TBG. TAG CIBP AT 9081' W/ 288 JTS IN. RU PWR SWIVEL. EST REV CIRC. D/O CIBP IN 2-HRS. C/O TO PBDT AT 9141' W/ 290-JTS IN. CIRC CLEAN. RD PWR SWIVEL. POOH AS LD 70-JTS 2-3/8" L-80 TBG, SDFN
4/24/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, POH, P/T
	7:15 - 14:00	6.75	COMP	47	B	P		OPEN WELL 0#, CONTINUE TO POOH W/ 2-3/8 TBG W/ BHA, R/D TBG EQUIP, N/D BOPS, N/U FRAC VALVES, MIRU CUTTERS WIRE LINE, P/U RIH W/ 4-1/2 CIBP, SET @ 9140', MIRU B&C TESTERS, P/T FRAC VALVES & CSG TO 7500#, [GOOD TEST] R/D TESTERS, P/U RIH W/ PERF GUN, PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 9104'-9107' 3 SPF, 120* PH, 9 HOLES, 8928'-8931' 4 SPF, 90* PH, 12 HOLES [21 HOLES] POOH R/D CUTTERS & B&C SWIFN. 14:00
4/27/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, PRE FRAC SAFETY / WIRE LINE

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/23/2009		End Date:	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 17:00	9.75	COMP	36	E	P		<p>MIRU WEATHERFORD FRAC / CUTTERS WIRE LINE, PRESSURE TEST SURFACE LINES TO 8500#, FRAC STG #1 MESAVERDE 8928'-9107' [21 HOLES]</p> <p>STG #1] WHP=1250#, BRK DN PERFS @ 4575#, INJT PSI=4950#, INJT RT=42, ISIP=2663#, FG=.74, PUMP'D 1353.3 BBLS SLK WTR W/ 50392# 30/50 MESH W/ 5197# RESIN COAT IN TAIL, ISIP=2675#, FG=.74, AR=39.2, AP=4897#, MR=43.6, MP=6732#, NPI=12#, 21/21 CALC PERFS OPEN.</p> <p>STG #2] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 8841', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 9104'-9107' 3 SPF 120* PH, 9 HOLES, 8928'-8931' 4 SPF 90* PH, 12 HOLES. [21 HOLES]</p> <p>[SHUT DN TO WAIT ON MORE IRON TO TIE IN ONE MORE PUMP, REPRESSURE TEST SURFACE LINES RO 8500#]</p> <p>WHP=870#, BRK DN PERFS @ 5316#, INJ PSI=5500#, INJT RT=50, ISIP=2650#, FG=.75, PUMP'D 1488.8 BBLS SLK WTR W/ 58906# 30/50 MESH W/ 5072# RESIN COAT IN TAIL, ISIP=2742#, FG=.76, AR=52.0, AP=4970#, MR=53.9, MP=5696#, NPI=92#, 21/21 CALC PERFS OPEN.</p> <p>STG #3] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 8570', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 8537'-8540' 3 SPF 120* PH, 9 HOLES, 8416'-8419' 4 SPF 90* PH, 12 HOLES. [21 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 4746#, INJT PSI=5500#, INJT RT=53, ISIP=2820#, FG=.78, PUMP'D 1031.7 BBLS SLK WTR W/ 38782# 30/50 MESH W/ 5167# RESIN COAT IN TAIL, ISIP=2418#, FG=.73, AR=52.8, AP=5012#, MR=53.4, MP=6122#, NPI=-402#, 21/21 CALC PERFS OPEN.</p> <p>STG #4] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 8316', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 8284'-8286 4 SPF 90* PH, 8 HOLES, 8226'-8228' 4 SPF 90* PH, 8 HOLES, 8099'-8101' 3 SPF 120* PH, 6 HOLES [22 HOLES]</p> <p>WHP=0#[NOTE VERY TIGHT ZONE COULD ONLY GET 39 BPM] BRK DN PERFS @ 4746#, INJT PSI=6500#, INJT RT=37, ISIP=2182#, FG=.71, PUMP'D 1097.9 BBLS SLK WTR W/ 42172# 30/50 MESH W/ 5063# RESIN COAT IN TAIL, ISIP=2439#, FG=.74, AR=31.5, AP=6480#, MR=40.4, MP=7487#, NPI=257#, 13/21 CALC PERFS OPEN.</p> <p>STG #5] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 7963', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7930'-7933' 3 SPF 120* PH, 9 HOLES, 7883'-7886' 4 SPF 90* PH, 12 HOLES. [21 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 4479#, INJT</p>

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/23/2009		End Date:	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
4/28/2009	7:00 - 7:15	0.25	COMP	48		P		PSI=6400#, INJT RT=37, ISIP=2075#, FG=.71, PUMP'D 531 BBLS SLK WTR W/ 16759# 30/50 MESH W/ 4971# RESIN COAT IN TAIL, ISIP=2295#, FG=.73, AR=44.3, AP=5998#, MR=50.4, MP=7482#, NPI=-220#, 13/21 CALC PERFS OPEN. STG #6 IFIT] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 7807', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 3 SPF, 120* PH, 9 HOLES, 9 ATTEMPTS TO BRK DN PERFS BEFORE BREAKING DN PERFS WHP=60#, BRK DN PERFS @ 5580#, ISIP=1852#, 5 MIN 1628#, 10 MIN 1598#, 15 MIN 1571#. SET HALIBURTON SURFACE GAUGES, SWIFN. HSM, FRAC / WIRELINE

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/23/2009		End Date:	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 18:00	10.75	COMP	36	E	P		<p>1300# SICP, REMOVE HALIBURTON SURFACE GAUGES, P/U RIH W/ 3-3/8 EXPEND, 23 GRM, O>36" HOLE, 4 SPF, 90* PH, 7701'-7704', 12 HOLES [21 HOLES]</p> <p>STG #6] WHP=60#, BRK DN PERFS @ 5580#, INJT PSI=4700#, INJT RT= 47, ISIP=2034#, FG=68, PUMP'D 1166.1 BBLS SLK WTR W/ 44601# 30/50 MESH W/ 4918# RESIN COAT IN TAIL, ISIP=2359#, FG=.75, AR=50.1, AP=4240#, MR=51.4, MP=5794#, NPI=507#, 21/21 CALC PERFS OPEN.</p> <p>STG #7] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 7651', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7578'-7580' 4 SPF, 90* PH, 8 HOLES, 7524'-7526' 4 SPF, 90* PH, 8 HOLES, 7402'-7404' 3 SPF, 120* PH, 6 HOLES, [22 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 3846#, INJT PSI=6200#, INJT RT=35 , ISIP=2111#, FG=.72, PUMP'D 816 BBLS SLK WTR W/ 23119# 30/50 MESH W/ 5138# RESIN COAT IN TAIL, ISIP=2345#, FG=.76, AR=45, AP=5875#, MR=5172, MP=7304#, NPI=234#, 13/21 CALC PERFS OPEN.</p> <p>STG #8] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 7326', PERF MESAVERDE / WASATCH USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7294'-7296' 4 SPF, 90* PH, 8 HOLES, 7176'-7178' 4 SPF, 90* PH, 8 HOLES, 7100'-7102' 3 SPF, 120* PH, 6 HOLES, [22 HOLES]</p> <p>WHP=0#, BRK DN PERFS @3366 #, INJT PSI=4400#, INJT RT=50 , ISIP=1449#, FG=.64, PUMP'D 1535.5 BBLS SLK WTR W/ 62229# 30/50 MESH W/ 4899# RESIN COAT IN TAIL, ISIP=1838#, FG=.70, AR=50.5, AP=3796#, MR=50.8, MP=4453#, NPI=389#, 22/21 CALC PERFS OPEN.</p> <p>STG #9] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 6258', PERF WASATCH USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 6225'-6228" 3 SPF, 90* PH, 8 HOLES, 7176'-7178' 4 SPF, 90* PH, 8 HOLES, 7100'-7102' 3 SPF, 120* PH, 6 HOLES, [22 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 1803#, INJT PSI=4200#, INJT RT=50 , ISIP=1303#, FG=.65, PUMP'D 801.7 BBLS SLK WTR W/ 35921# 30/50 MESH W/ 5135# RESIN COAT IN TAIL, ISIP=1472#, FG=.68, AR=50.6, AP=3314#, MR=51.0, MP=4310#, NPI=169#, 21/21 CALC PERFS OPEN.</p> <p>P/U RIH W/ BKR 8K CBP & SET @ 6085' FOR TOP KILL, R/D CUTTERS WIRE LINE & WEATHERFORD FRAC EQUIP, N/D FRAC VALVES, N/U BOPS, R/U TBG EQUIP, P/U RIH W/ 3-7/8 HURRICANE MILL & 2-3/8 TBG, TAG KILL PLUG, P/U PWR SWVL PREP TO DRL OUT IN A.M SWIFN.</p>
4/29/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, DRLG PLUGS

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/23/2009		End Date:	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 20:00	12.75	COMP	44	C	P		<p>EST CIRC W/ RIG PUMP,</p> <p>PLUG #1] DRL THROUGH BKR 8K CBP @ 6080' IN 20 MIN. W/ 50# INCREASE.</p> <p>PLUG #2] CONTINUE TO RIH, TAG SAND @ 6228' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 6258' IN 30 MIN. W/ 100# INCREASE.</p> <p>PLUG #3] CONTINUE TO RIH TAG SAND @ 7296' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7326 IN 1 HR, W/ 100# INCREASE.</p> <p>PLUG #4] CONTINUE TO RIH TAG SAND @ 7580' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7610' IN 45 MIN, W/ 100# INCREASE.</p> <p>PLUG #5] CONTINUE TO RIH TAG SAND @ 8677' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7807' IN 1 HR, W/ 200# INCREASE.</p> <p>PLUG #6] CONTINUE TO RIH TAG SAND @ 7930' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7960' IN 45 MIN, W/ 300# INCREASE.</p> <p>PLUG #7] CONTINUE TO RIH TAG SAND @ 8386' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8316' IN 1HR 15 MIN, W/ 100# INCREASE.</p> <p>PLUG # 8] CONTINUE TO RIH TAG SAND @ 8540' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8570' IN 2 HRS, W/ 100# INCREASE.</p> <p>PLUG #9] CONTINUE TO RIH TAG SAND @ 8811' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8841' IN 1 HR. W/ 400# INCREASE.</p> <p>CONTINUE TO RIH C/O TO 9141' [PBTD] CIRC HOLE, L/D 16 JNTS, P/U 4-1/2 HANGER, LUBRICATE IN WELL & LAND W/ 273 JNTS J-55 TBG, W/ EOT @ 8632.22, R/D PWR SWVL, R/D TBG EQUIP, N/D BOPS, N/U WELL HEAD DROP BALL, PUMP OFF HURRICANE MILL W/ 2800#, SWI FOR 30 MIN. OPEN WELL TURN OVER TO F/B CREW. PREP TO RIG DN IN A.M 20:00 HRS.</p>
4/30/2009	7:00 -		PROD	35	G	P		<p>7 AM FLBK REPORT: CP 2000#, TP 1900#, 20/64" CK, 80 BWPH, CUP SAND, - GAS TTL BBLS RECOVERED: 4940 BBLS LEFT TO RECOVER: 4096</p>
5/1/2009	7:00 - 7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2700#, TP 2200#, 20/64" CK, 40 BWPH, 1/4CUP SAND, - GAS TTL BBLS RECOVERED: 6130 BBLS LEFT TO RECOVER: 2906</p>
	10:00 -			50				<p>WELL TURNED TO SALES @ 1000 HR ON 5/1/2009 - FTP 2300#, CP 2900#, CK 16/64", 1900 MCFD, 840 BWPD</p>
5/2/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2850#, TP 2300#, 16/64" CK, 35 BWPH, - SAND, ?-GAS TTL BBLS RECOVERED: 6970 BBLS LEFT TO RECOVER: 2066</p>

ROCKIES

Operation Summary Report

Well: NBU 922-32ET		Spud Conductor: 2/20/2009		Spud Date: 2/21/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/23/2009		End Date:	
Active Datum: RKB @5,053.00ft (above Mean Sea Level)			UWI: NBU 922-32ET		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
5/3/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2700#, TP 2300#, 16/64" CK, 35 BWPH, 1/8CUP SAND, 1757 GAS TTL BBLS RECOVERED: 7810 BBLS LEFT TO RECOVER: 1226
5/4/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2600#, TP 2250#, 16/64" CK, 20 BWPH, TRACE CUP SAND, 1821 GAS TTL BBLS RECOVERED: 8405 BBLS LEFT TO RECOVER: 631

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 _____

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

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

4. LOCATION OF WELL (FOOTAGES): AT SURFACE 2469 fwi 139 fwi

5. AT TOP PRODUCING INTERVAL REPORTED BELOW:

6. AT TOTAL DEPTH:

7. UNIT or CA AGREEMENT NAME: UNIT 891008900A

8. WELL NAME and NUMBER: NBU 922-32ET

9. API NUMBER: 4304740179

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 32 9S 22E

12. COUNTY: UINTAH 13. STATE: UTAH

14. DATE SPUDDED: 2/20/2009 15. DATE T.D. REACHED: 3/13/2009 16. DATE COMPLETED: 5/1/2009 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 5035'GL

18. TOTAL DEPTH: MD 9,200 TVD 19. PLUG BACK T.D.: MD 9,141 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 J-55	36#		2,460		700			
7 7/8"	4 1/2 I-80	11.6#		9,200		1716			

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"	8,632							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) WSTCH/MESAV	6,133	7,296			6,133 7,296	0.36	43	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) MESAVERDE	7,402	9,107			7,402 9,107	0.36	149	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6133'-7296'	PMP 2338 BBLs SLICK H2O & 98,150# 30/50 OTTOWA SD
7402'-9107'	PMP 7485 BBLs SLICK H2O & 274,191# 30/50 OTTOWA 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

AUG 10 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/1/2009		TEST DATE: 5/13/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 1,935	WATER - BBL: 160	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64	TBG. PRESS. 413	CSG. PRESS. 2,294	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,935	WATER - BBL: 160	INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 5/1/2009		TEST DATE: 5/13/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 1,935	WATER - BBL: 160	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64	TBG. PRESS. 413	CSG. PRESS. 2,294	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,935	WATER - BBL: 160	INTERVAL STATUS: PROD	

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

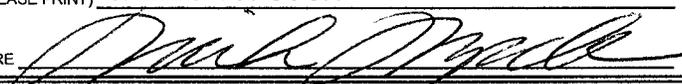
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,327				
BIRDS NEST	1,643				
MAHOGANY	2,126				
WASATCH	5,343	7,158			
MESAVERDE	7,210	9,144			

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 WOPSOCK TITLE REGULATORY ANALYST
 SIGNATURE  DATE 7/29/2009

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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801