

001

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

FORM 3

AMENDED REPORT   
(highlight changes)

|  |   |  |   |
|--|---|--|---|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |   | 5. MINERAL LEASE NO:<br>ML-22446                                   | 6. SURFACE:<br>State                              |
| 1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>   |   | 7. IF INDIAN, ALLOTTEE OR TRIBE NAME:                              |   |
| B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> |   | 8. UNIT or CA AGREEMENT NAME:<br>NATURAL BUTTES UNIT               |   |
| 2. NAME OF OPERATOR:<br>WESTPORT OIL & GAS COMPANY L.P.  |   | 9. WELL NAME and NUMBER:<br>NBU 921-330                            |   |
| 3. ADDRESS OF OPERATOR:<br>1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078  |   | PHONE NUMBER:<br>(435) 781-7024                                    | 10. FIELD AND POOL, OR WILDCAT:<br>NATURAL BUTTES |
| 4. LOCATION OF WELL (FOOTAGES)<br>AT SURFACE: 927'FSL & 1771'FEL<br>AT PROPOSED PRODUCING ZONE:  |   | 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>SWSE 33 9S 21E |   |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br>18.8 MILES SOUTHEAST OF OURAY, UTAH   |   | 12. COUNTY:<br>UINTAH  | 13. STATE:<br>UTAH                                |
| 15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br>927'  | 16. NUMBER OF ACRES IN LEASE:<br>368.96 | 17. NUMBER OF ACRES ASSIGNED TO THIS WELL:<br>40.00                |   |
| 18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)<br>REFER TO TOPO C   | 19. PROPOSED DEPTH:<br>9,759            | 20. BOND DESCRIPTION:<br>RLB0005238                                |   |
| 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br>5029'GL   | 22. APPROXIMATE DATE WORK WILL START:   | 23. ESTIMATED DURATION:  |   |

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                                   | H-40 | 32.3# | 2,800         | 265 SX  |
| 7 7/8        | 4 1/2                                   | I-80 | 11.6# | 9,742         | 1920 SX   |
|              |   |      |       |               |   |
|              |   |      |       |               |   |
|              |   |      |       |               |   |
|              |   |      |       |               |   |
|              |   |      |       |               |   |

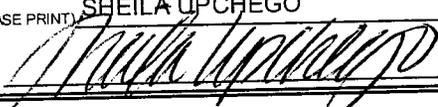
RECEIVED  
APR 04 2005

25. **ATTACHMENTS** DIV. OF OIL, GAS & MINING

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) SHEILA UPCHEGO TITLE REGULATORY ANALYST

SIGNATURE  DATE 4/1/2005

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

Date: 05-10-05  
By: 

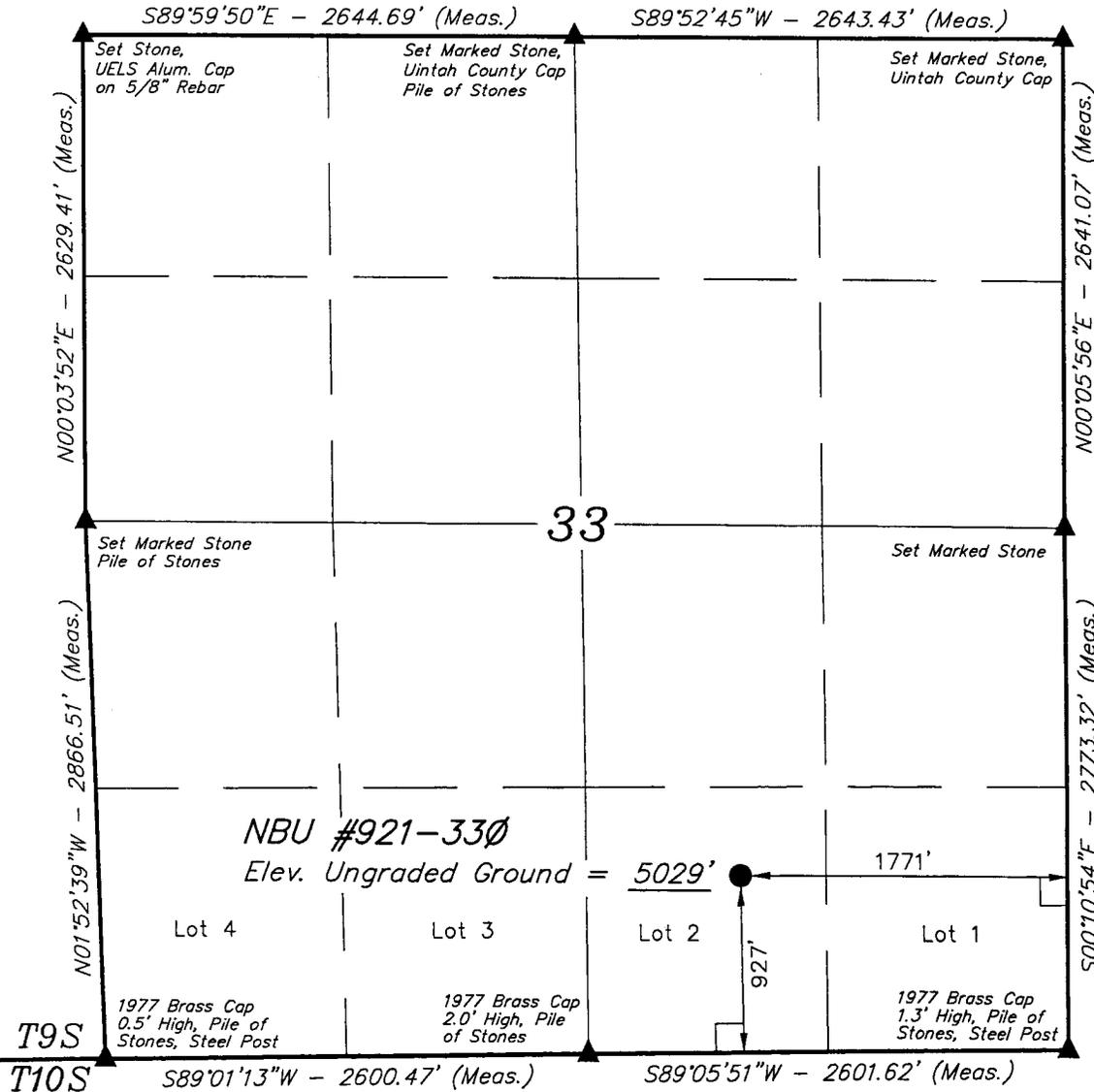
(This space for State use only)

API NUMBER ASSIGNED: 43-047-36499 APPROVAL:

# T9S, R21E, S.L.B.&M.

## WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #921-330, located as shown in the SW 1/4 SE 1/4 (Lot 2) of Section 33, T9S, R21E, S.L.B.&M. Uintah County, Utah.

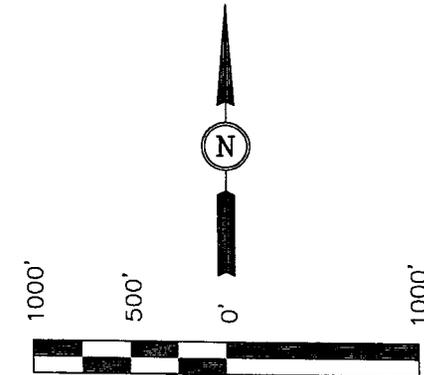


### BASIS OF ELEVATION

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

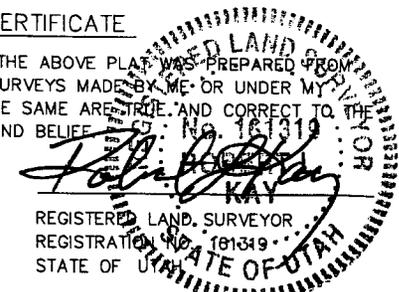
### BASIS OF BEARINGS

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



SCALE  
CERTIFICATE

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



REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

### LEGEND:

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

(NAD 83)  
 LATITUDE = 39°59'14.55" (39.987375)  
 LONGITUDE = 109°33'12.75" (109.553542)  
 (NAD 27)  
 LATITUDE = 39°59'14.68" (39.987411)  
 LONGITUDE = 109°33'10.27" (109.552853)

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

|                           |  |                           |
|---------------------------|--|---------------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>1-5-05                   | DATE DRAWN:<br>1-19-05    |
| PARTY<br>D.K. T.B. E.C.O. |  | REFERENCES<br>G.L.O. PLAT |
| WEATHER<br>COLD           | FILE<br>WESTPORT OIL AND GAS COMPANY, L.P. |                           |

**Clinton Dworshak - Westport APD(s)**

---

**From:** "Upchego, Sheila" <SUpchego@kmg.com>  
**To:** <clintondworshak@utah.gov>  
**Date:** 4/21/2005 4:27 PM  
**Subject:** Westport APD(s)

---

Hi Clint, attached are the revised Downhole diagrams for the following well locations:

NBU 921-33F, 921-33G, 921-33I, 921-33J, 921-33K, 921-33P, 921-33O, 921-33N;  
NBU 921-34H, 921-34K, 921-34L;  
NBU 922-36B

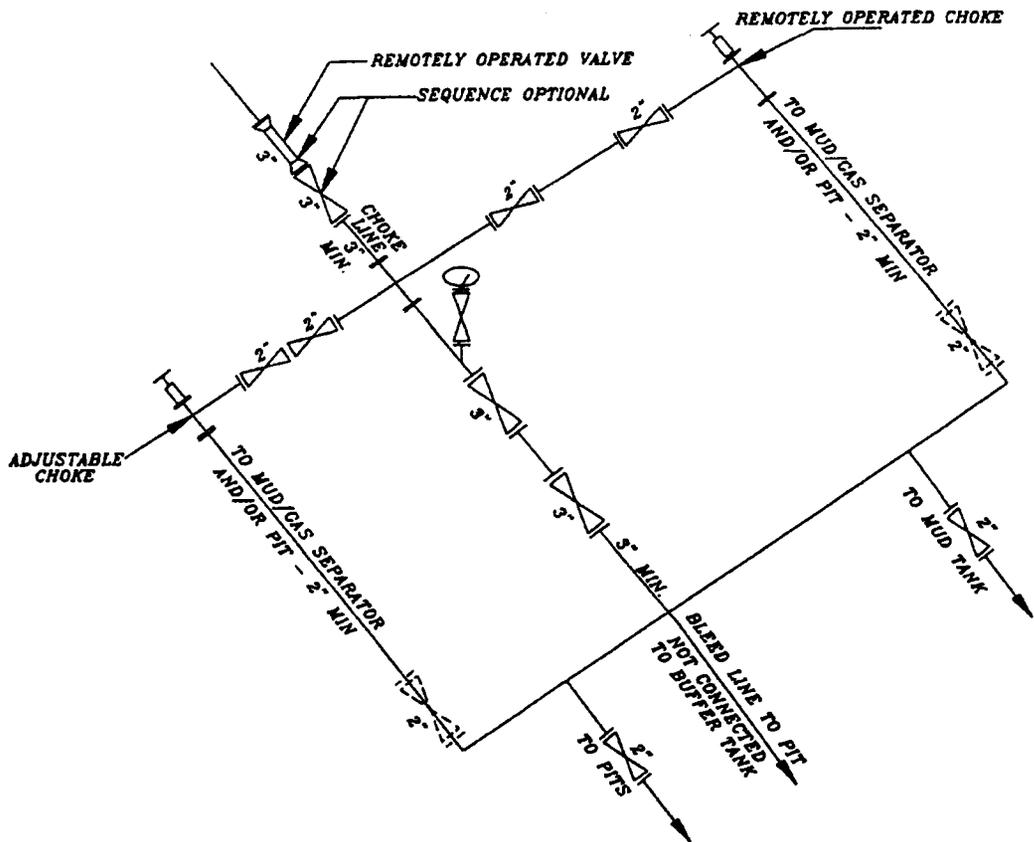
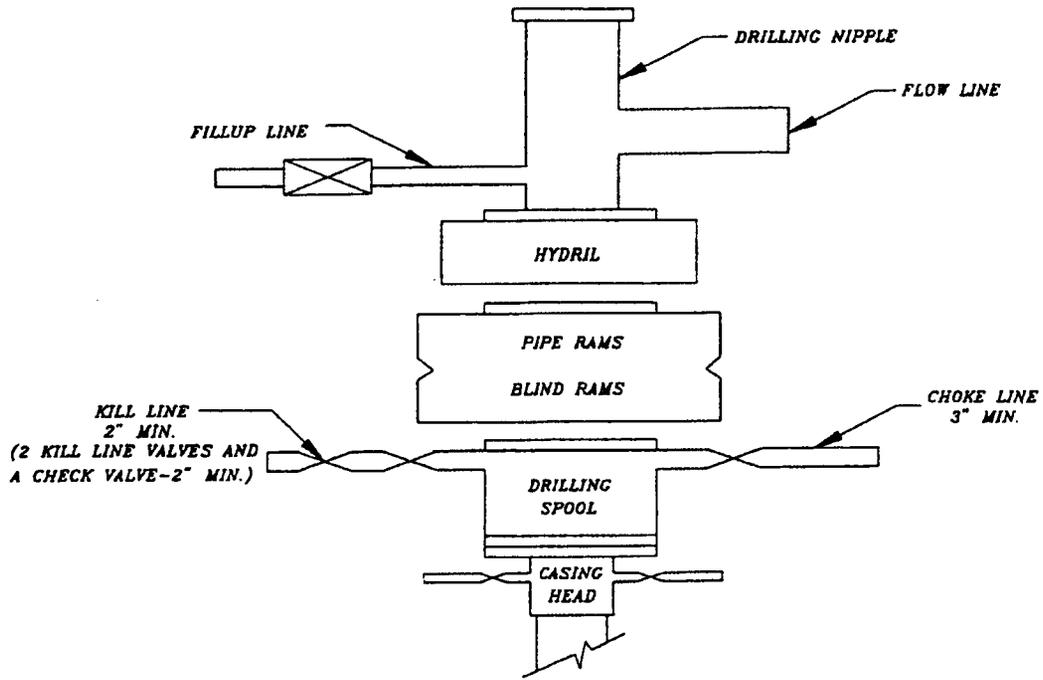
If you have any questions please feel free to contact me at (435) 781-7024 or Brad Laney at (435) 781-7031.

Sheila Upchego <<NBU921-33F\_APD(pipeline).xls>> <<NBU921-33G\_APD(pipeline).xls>> <<NBU921-33I\_APD(pipeline).xls>>  
<<NBU921-33J\_APD(pipeline).xls>> <<NBU921-33K\_APD(pipeline).xls>> <<NBU921-33P\_APD(pipeline).xls>> <<NBU921-  
34H\_APD(pipeline).xls>> <<NBU921-34K\_APD(pipeline).xls>> <<NBU921-34L\_APD(pipeline).xls>> <<NBU921-33O\_APD  
(pipeline).xls>> <<NBU921-33N\_APD(pipeline).xls>> <<NBU922-36B\_DHD\_APD.xls>>

**Important Notice!!**

If you are not the intended recipient of this e-mail message, any use, distribution or copying of the message is prohibited. Please let me know immediately by return e-mail if you have received this message by mistake, then delete the e-mail message.  
Thank you.

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM







## Westport Oil and Gas Company, L.P. DRILLING PROGRAM

### CASING PROGRAM

|            | SIZE   | INTERVAL     | WT.   | GR.  | CPLG. | DESIGN FACTORS |          |         |
|------------|--------|--------------|-------|------|-------|----------------|----------|---------|
|            |        |              |       |      |       | BURST          | COLLAPSE | TENSION |
| CONDUCTOR  | 14"    | 0-40'        |       |      |       | 2270           | 1370     | 254000  |
| SURFACE    | 9-5/8" | 0 to 2400    | 32.30 | H-40 | STC   | 0.62*****      | 1.22     | 3.21    |
|            |        |              |       |      |       | 3520           | 2020     | 564000  |
| PRODUCTION | 4-1/2" | 2400 to 2800 | 36.00 | J-55 | STC   | 1.27*****      | 1.54     | 7.12    |
|            |        |              |       |      |       | 7780           | 6350     | 201000  |
|            |        | 0 to 9759    | 11.60 | I-80 | LTC   | 2.11           | 1.09     | 2.03    |

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 = 11.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

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

MASP 3689 psi

\*\*\*\*\* Burst SF is low but csg is stronger than formation at 2800 feet  
\*\*\*\*\* EMW @ 2800 for 2270# is 15.6 ppg or 0.8 psi/ft

### CEMENT PROGRAM

|   |                 | FT. OF FILL | DESCRIPTION  | SACKS   | EXCESS | WEIGHT | YIELD |
|---|-----------------|-------------|--|---------|--------|--------|-------|
| SURFACE<br>Option 1   | LEAD            | 500         | Premium cmt + 2% CaCl<br>+ .25 pps flocele   | 215     | 60%    | 15.60  | 1.18  |
|   | TOP OUT CMT (1) | 250         | 20 gals sodium silicate + Premium cmt<br>+ 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  |
| <b>NOTE: If well will circulate water to surface, option 2 will be utilized</b> |                 |             |  |         |        |        |       |
| SURFACE<br>Option 2   | LEAD            | 2000        | Prem cmt + 16% Gel + 10 pps gilsonite<br>+ .25 pps Flocele + 3% salt BWOC                        | 230     | 35%    | 11.00  | 3.82  |
|   | TAIL            | 500         | Premium cmt + 2% CaCl<br>+ .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            | 4,769'      | Premium Lite II + 3% KCl + 0.25 pps<br>celloflake + 5 pps gilsonite + 10% gel<br>+ 0.5% extender | 520     | 60%    | 11.00  | 3.38  |
|   | TAIL            | 4,990'      | 50/50 Poz/G + 10% salt + 2% gel<br>+.1% R-3  | 1400    | 60%    | 14.30  | 1.31  |

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

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

### FLOAT EQUIPMENT & CENTRALIZERS

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

### ADDITIONAL INFORMATION

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

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

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

DRILLING ENGINEER: \_\_\_\_\_  
Brad Laney

DATE: \_\_\_\_\_

DRILLING SUPERINTENDENT: \_\_\_\_\_  
Randy Bayne

DATE: \_\_\_\_\_

# 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)

April 5, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 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 2005 within the Natural Buttes Unit, Uintah County, Utah.

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

(Proposed PZ Mesaverde)

|              |             |                                    |
|--------------|-------------|------------------------------------|
| 43-047-36491 | NBU 1022-9M | Sec 9 T10S R22E 0528 FSL 0782 FWL  |
| 43-047-36496 | NBU 921-17N | Sec 17 T09S R21E 1116 FSL 1878 FWL |
| 43-047-36498 | NBU 921-33N | Sec 33 T09S R21E 1303 FSL 2542 FWL |
| 43-047-36499 | NBU 921-330 | Sec 33 T09S R21E 0927 FSL 1771 FEL |
| 43-047-36500 | NBU 922-36B | Sec 36 T09S R22E 0689 FNL 2244 FEL |

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:4-5-05

NBU 921-330  
SW/SE Sec. 33, T9S, R21E  
UINTAH COUNTY, UTAH  
ML-22446

ONSHORE ORDER NO. 1

***DRILLING PROGRAM***

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

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Uinta            | Surface      |
| Green River      | 1519'        |
| Wasatch          | 5269'        |
| Mesaverde        | 7659'        |
| TD               | 9759'        |

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

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
|                  | Green River      | 1519'        |
| Gas              | Wasatch          | 5269'        |
| Gas              | Mesaverde        | 7659'        |
| Water            | N/A              |              |
| Other Minerals   | N/A              |              |

3. **Pressure Control Equipment** (Schematic Attached)

*Please see the attached Drilling Program.*

4. **Proposed Casing & Cementing Program:**

*Please see the attached Drilling Program*

5. **Drilling Fluids Program:**

*Please see the attached Drilling Program.*

6. **Evaluation Program:**

*Please see the attached Drilling Program.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9,759' TD, approximately equals 3903 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1756 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

*Please see the attached Drilling Program.*

10. **Other Information:**

*Please see the attached Drilling Program.*





**Westport Oil and Gas Company, L.P.**  
**DRILLING PROGRAM**

**CASING PROGRAM**

|            | SIZE   | INTERVAL  | WT.   | GR.  | CPLG. | DESIGN FACTORS |          |         |
|------------|--------|-----------|-------|------|-------|----------------|----------|---------|
|            |        |           |       |      |       | BURST          | COLLAPSE | TENSION |
| CONDUCTOR  | 14"    | 0-40'     |       |      |       | 2270           | 1370     | 254000  |
| SURFACE    | 9-5/8" | 0 to 2800 | 32.30 | H-40 | STC   | 0.78           | 1.05     | 3.21    |
| PRODUCTION | 4-1/2" | 0 to 9759 | 11.60 | I-80 | LTC   | 2.66           | 1.25     | 2.03    |

- 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 = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore  
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)  
 MASP 2928 psi

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

**CEMENT PROGRAM**

|            |                 | FT. OF FILL | DESCRIPTION  | SACKS   | EXCESS | WEIGHT | YIELD |
|------------|-----------------|-------------|--|---------|--------|--------|-------|
| SURFACE    | LEAD            | 500         | Premium cmt + 2% CaCl + .25 pps flocele  | 215     | 60%    | 15.60  | 1.18  |
| Option 1   | TOP OUT CMT (1) | 200         | 20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele                          | 50      |        | 15.60  | 1.18  |
|            | TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl  | as req. |        | 15.60  | 1.18  |
| SURFACE    |                 |             | <b>NOTE: If well will circulate water to surface, option 2 will be utilized</b>            |         |        |        |       |
| Option 2   | LEAD            | 1500        | Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC                     | 170     | 35%    | 11.00  | 3.82  |
|            | TAIL            | 500         | Premium cmt + 2% CaCl + .25 pps flocele  | 180     | 35%    | 15.60  | 1.18  |
|            | TOP OUT CMT     | as required | Premium cmt + 2% CaCl  | as req. |        | 15.60  | 1.18  |
| PRODUCTION | LEAD            | 4,769'      | Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender | 520     | 60%    | 11.00  | 3.38  |
|            | TAIL            | 4,990'      | 50/50 Poz/G + 10% salt + 2% gel +.1% R-3   | 1400    | 60%    | 14.30  | 1.31  |

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

**FLOAT EQUIPMENT & CENTRALIZERS**

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

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.  
 BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 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.

DRILLING ENGINEER: \_\_\_\_\_  
 Brad Laney  
 DRILLING SUPERINTENDENT: \_\_\_\_\_  
 Randy Bayne NBU921-330\_DHD\_APD.xls

DATE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

NBU 921-330  
SW/SE Sec. 33, T9S-R21E  
Uintah County, UT  
ML-22446

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

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

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

***Improvements to existing access roads shall be determined at the on-site inspection.***

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:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** 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 shall be determined at the on-site.***

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

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

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

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

*The following guidelines will apply if the well is productive.*

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

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

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

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

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

Refer to Topo D for the proposed pipeline.

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

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

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

No water well is to be drilled on this lease.

**6. Source of Construction Materials:**

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

Any gravel will be obtained from a commercial source.

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

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

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

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

If a plastic reinforced liner is used, it will be a minimum of 16 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

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

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

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

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

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

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities:**

None are anticipated.

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

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

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

If it is determined that a pit liner will be used at the on-site inspection, 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.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

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

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

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

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

*Dry Hole/Abandoned Location:*

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

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

11. **Surface Ownership:**

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

12. **Other Information:**

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

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

A Class III archaeological survey will be submitted when report becomes available.

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:**

Sheila Upchego  
Regulatory Analyst  
Westport O&G Co. L.P.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7024

Randy Bayne  
Drilling Manager  
Westport O&G Co. L.P.  
P.O. Box 1148  
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.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. 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 Westport O&G Co. L.P. State Surety Bond: RLB0005238.

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.

  
Sheila Updegraff

4/1/05

Date

WESTPORT OIL AND GAS COMPANY, L.P.  
NBU #921-330  
SECTION 33, T9S, R21E, 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, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTHWEST; TURN RIGHT AND FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.8 MILES.

# WESTPORT OIL & GAS COMPANY, L.P.

NBU #921-330  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 33, T9S, R21E, S.L.B.&M.

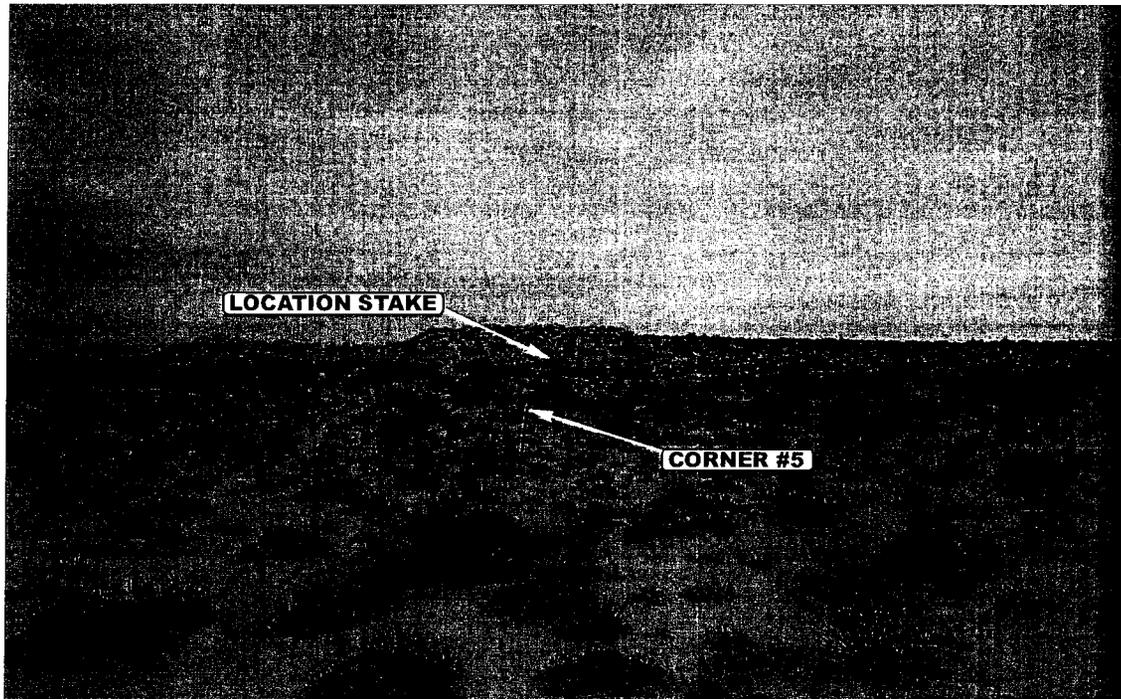


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

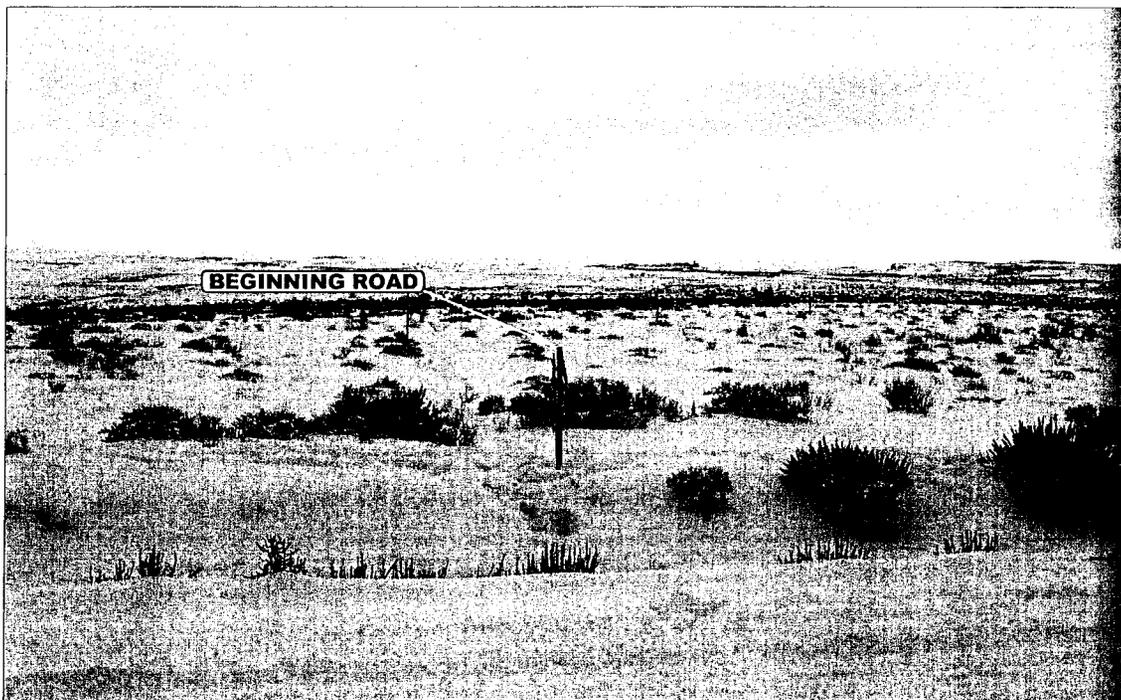


PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD

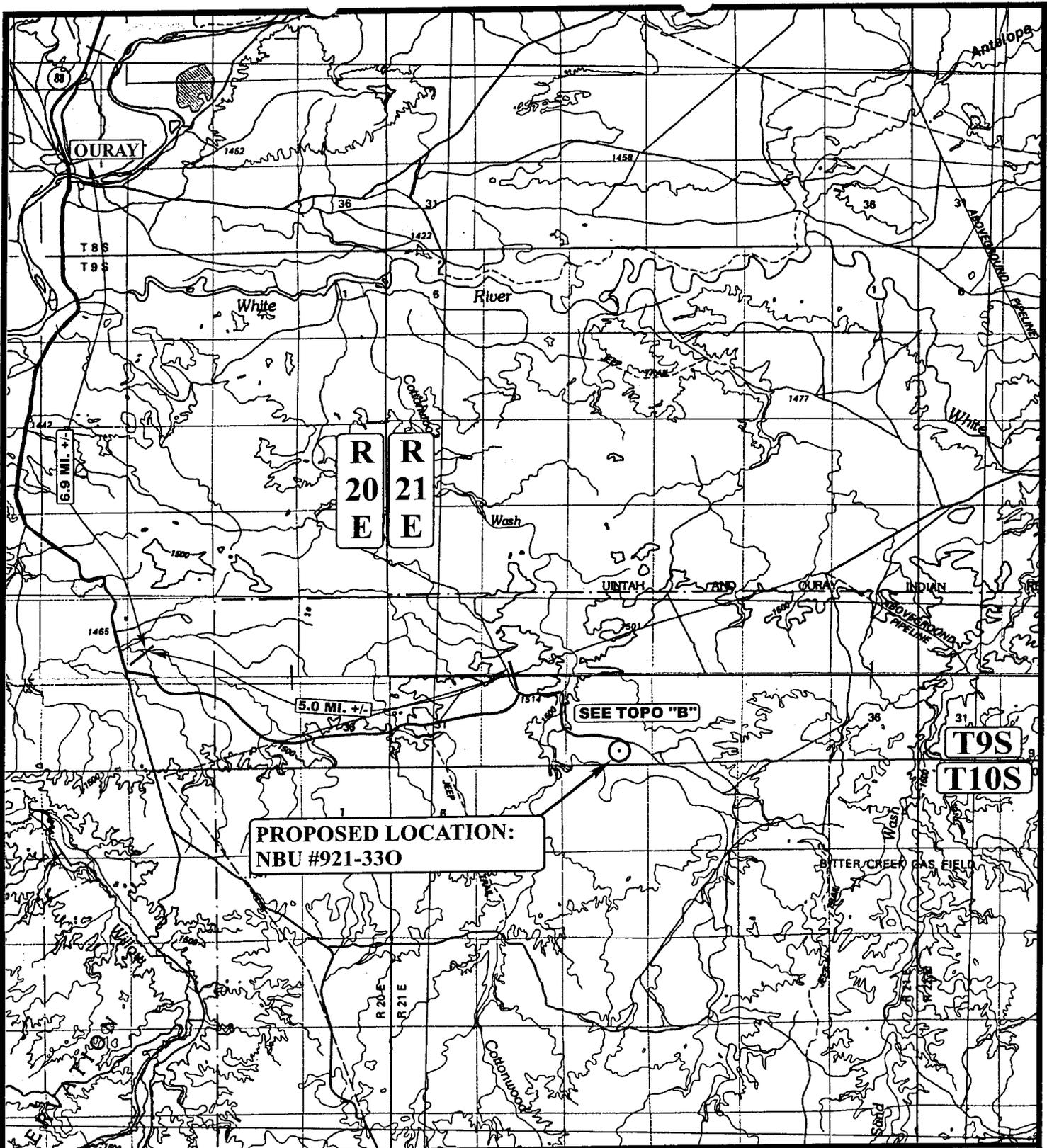
CAMERA ANGLE: SOUTHERLY



- Since 1964 -

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

|                 |                |     |                   |       |
|-----------------|----------------|-----|-------------------|-------|
| LOCATION PHOTOS | 01             | 12  | 05                | PHOTO |
|                 | MONTH          | DAY | YEAR              |       |
| TAKEN BY: D.K.  | DRAWN BY: C.H. |     | REVISED: 00-00-00 |       |



**LEGEND:**

⊙ PROPOSED LOCATION



WESTPORT OIL & GAS COMPANY, L.P.

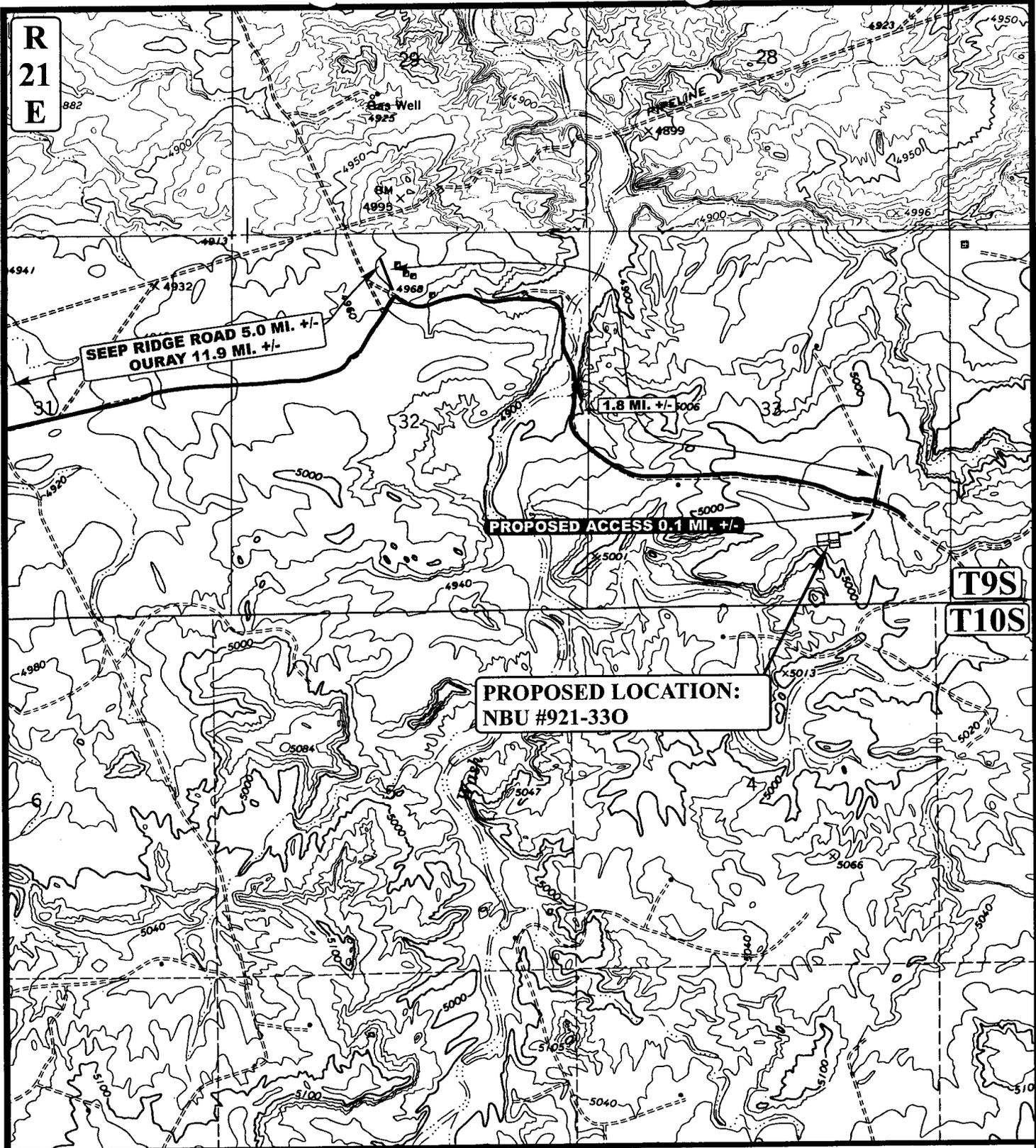
NBU #921-330  
 SECTION 33, T9S, R21E, S.L.B.&M.  
 927' FSL 1771' FEL



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

TOPOGRAPHIC MAP  
 01 12 05  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.H. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #921-330**  
**SECTION 33, T9S, R21E, S.L.B.&M.**  
**927' FSL 1771' FEL**



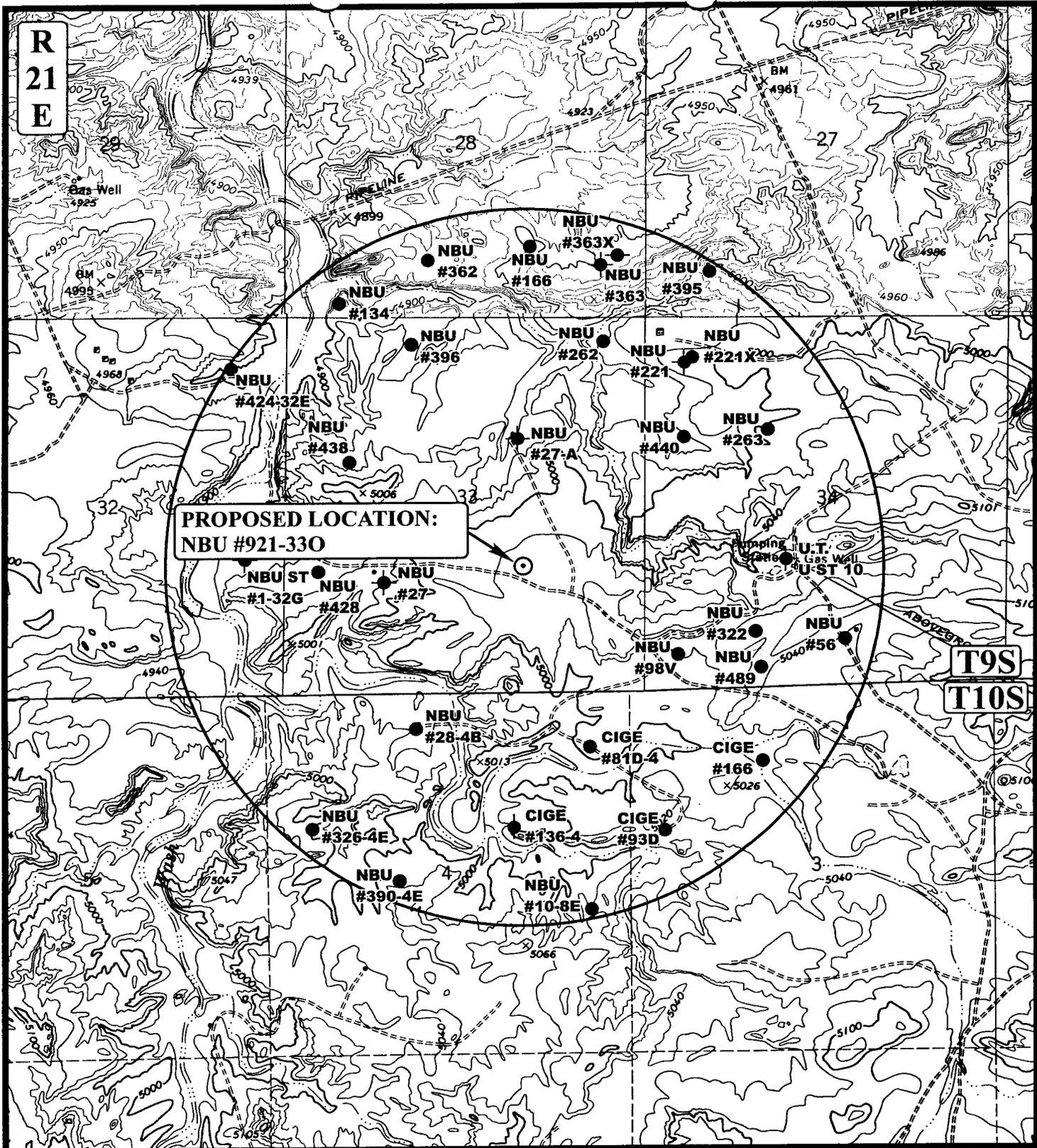
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

|           |           |           |
|-----------|-----------|-----------|
| <b>01</b> | <b>12</b> | <b>05</b> |
| MONTH     | DAY       | YEAR      |

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00

**B**  
**TOPO**



**LEGEND:**

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

**WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #921-330**  
**SECTION 33, T9S, R21E, S.L.B.&M.**  
**927' FSL 1771' FEL**



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



**TOPOGRAPHIC**  
**M A P**

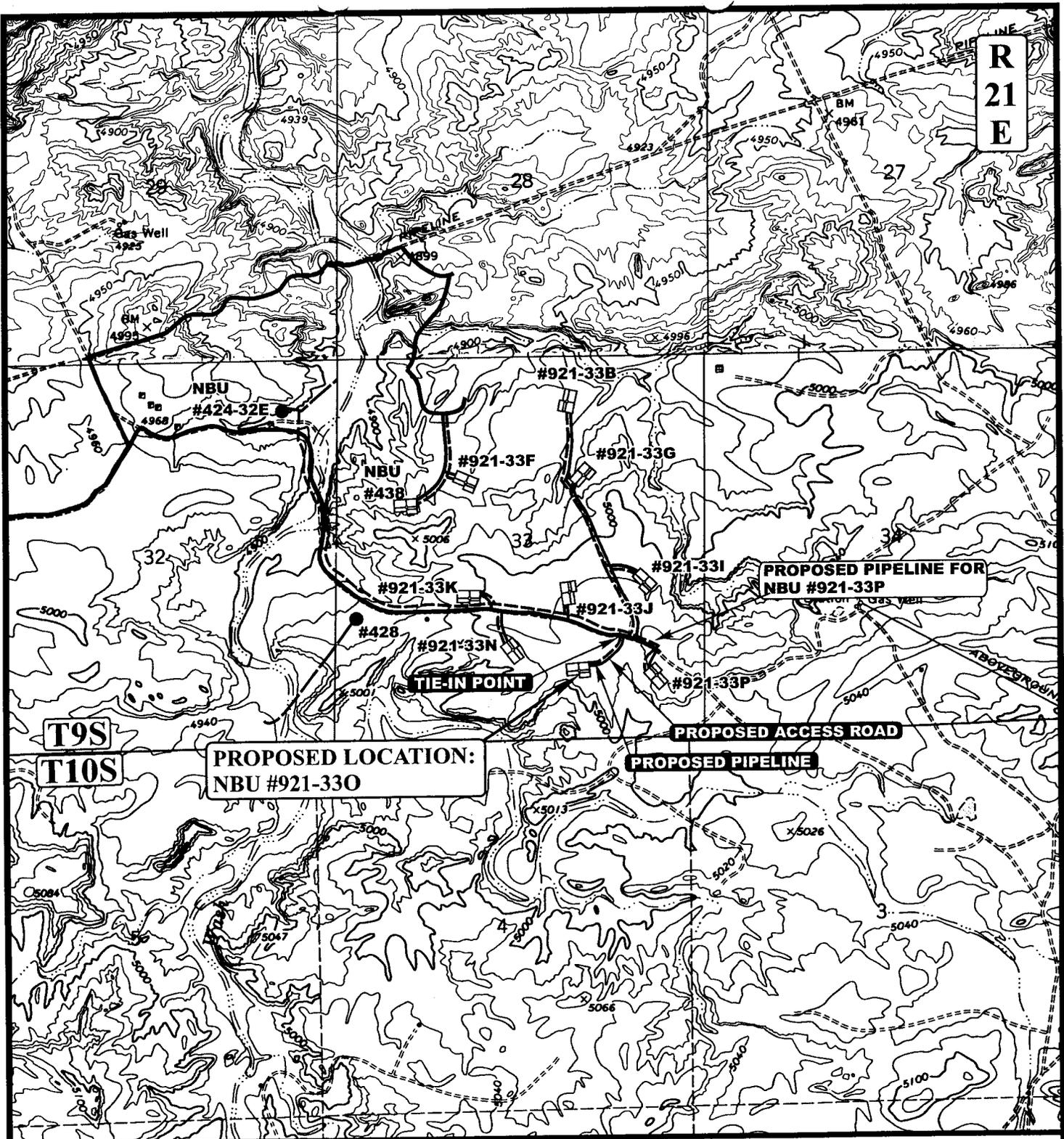
**01 06 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.H.

REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 600' +/-

**LEGEND:**

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

**WESTPORT OIL AND GAS COMPANY, L.P.**  
**NBU #921-330**  
**SECTION 33, T9S, R21E, S.L.B.&M.**  
**927' FSL 1771' FUL**



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

**TOPOGRAPHIC MAP** **01 13 05**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00 **D TOPO**

WESTPORT OIL AND GAS COMPANY, L.P.

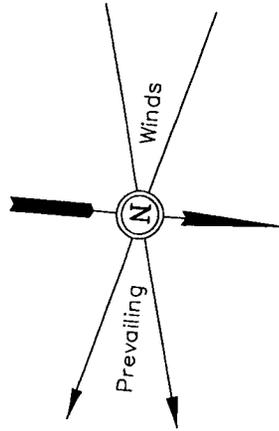
FIGURE #1

LOCATION LAYOUT FOR

NBU #921-330

SECTION 33, T9S, R21E, S.L.B.&M.

927' FSL 1771' FEL



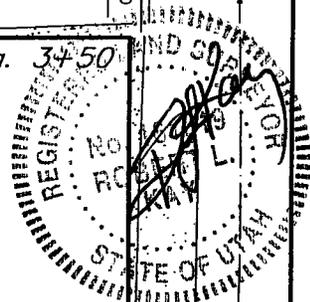
SCALE: 1" = 50'  
DATE: 1-19-05  
Drawn By: E.C.O.

F-0.8'  
El. 27.9'

F-0.5'  
El. 28.2'

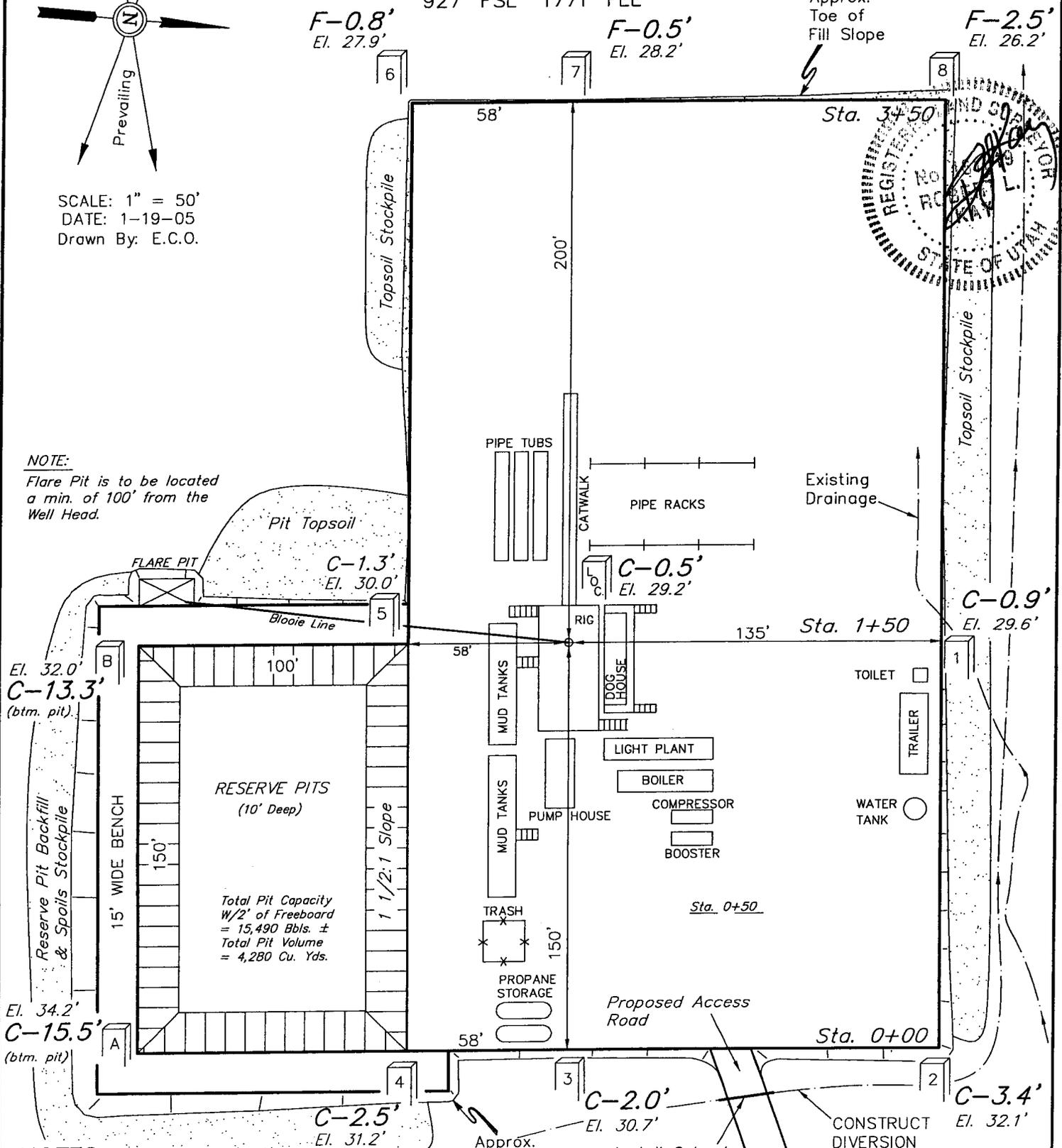
Approx.  
Toe of  
Fill Slope

F-2.5'  
El. 26.2'



NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5029.2'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5028.7'

Approx. Top of Cut Slope

Install Culvert As Needed

CONSTRUCT DIVERSION DITCH

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #921-330

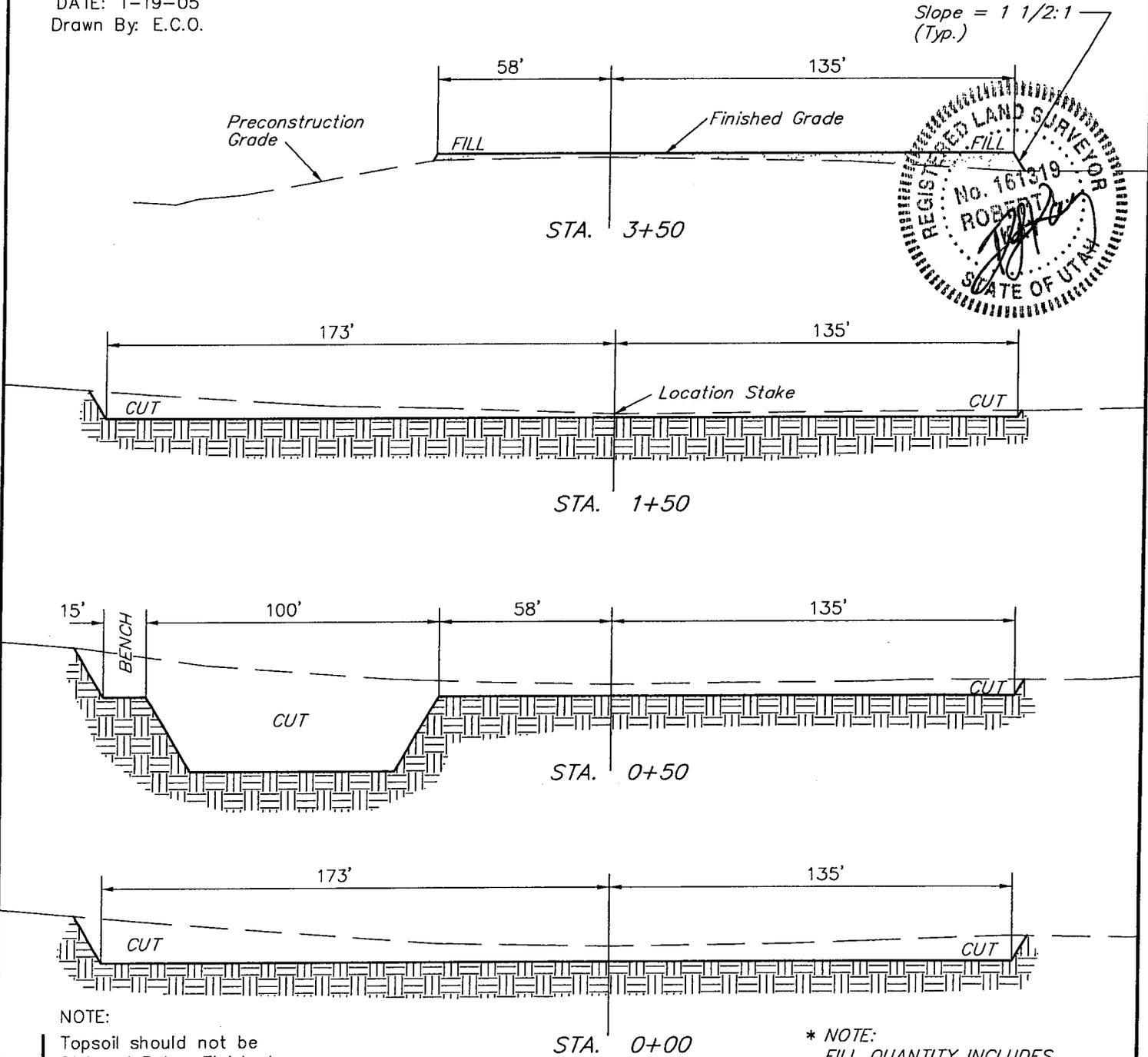
SECTION 33, T9S, R21E, S.L.B.&M.

927' FSL 1771' FEL

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

DATE: 1-19-05  
Drawn By: E.C.O.

Slope = 1 1/2:1  
(Typ.)



NOTE:

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

\* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

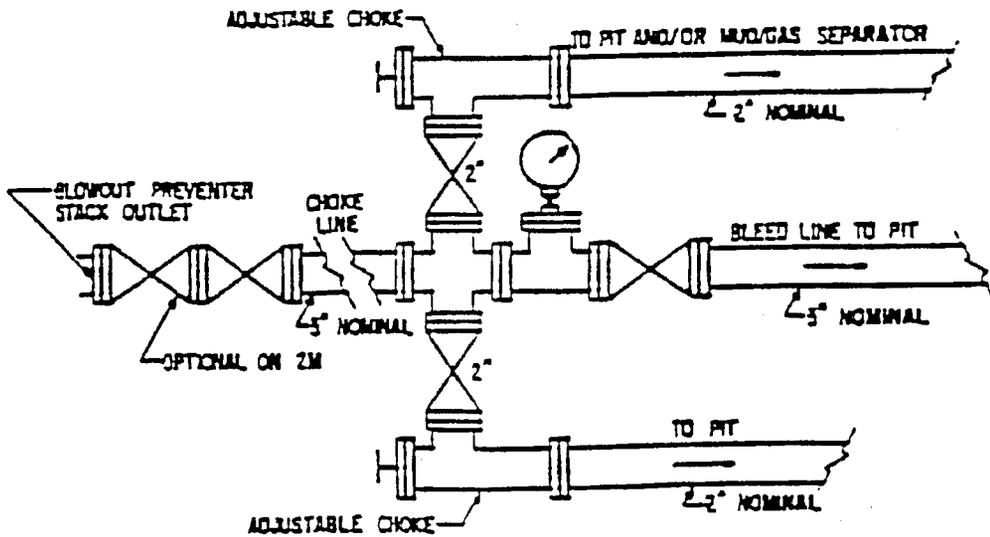
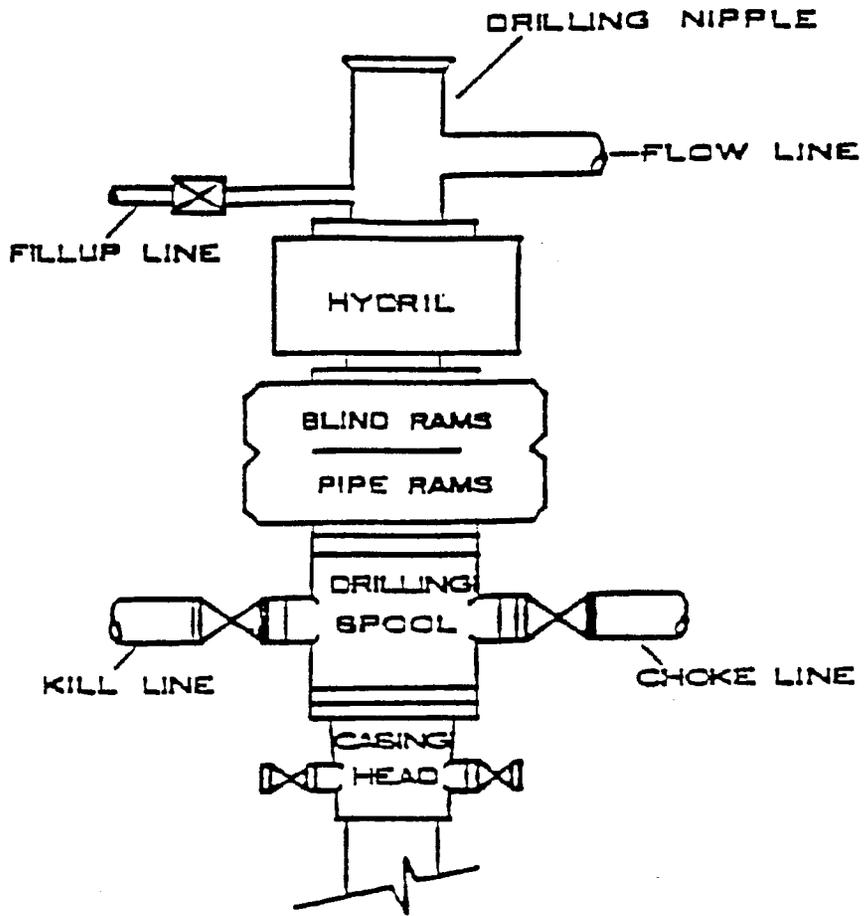
|                        |                        |
|------------------------|------------------------|
| CUT                    |                        |
| (6") Topsoil Stripping | = 1,770 Cu. Yds.       |
| Remaining Location     | = 7,930 Cu. Yds.       |
| <b>TOTAL CUT</b>       | <b>= 9,700 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 1,430 CU.YDS.</b> |

|  |                  |
|--|------------------|
| EXCESS MATERIAL                            | = 8,270 Cu. Yds. |
| Topsoil & Pit Backfill<br>(1/2 Pit Vol.)   | = 3,910 Cu. Yds. |
| EXCESS UNBALANCE<br>(After Rehabilitation) | = 4,360 Cu. Yds. |

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

3,000 PSI

# BOP STACK



003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/04/2005

API NO. ASSIGNED: 43-047-36499

WELL NAME: NBU 921-330

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SWSE 33 090S 210E  
SURFACE: 0927 FSL 1771 FEL  
BOTTOM: 0927 FSL 1771 FEL  
UINTAH  
NATURAL BUTTES ( 630 )

| INSPECT LOCATN BY: / / |          |        |
|------------------------|----------|--------|
| Tech Review            | Initials | Date   |
| Engineering            | DWD      | 5/9/05 |
| Geology                |          |        |
| Surface                |          |        |

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22446

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

LATITUDE: 39.98722

LONGITUDE: -109.5528

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

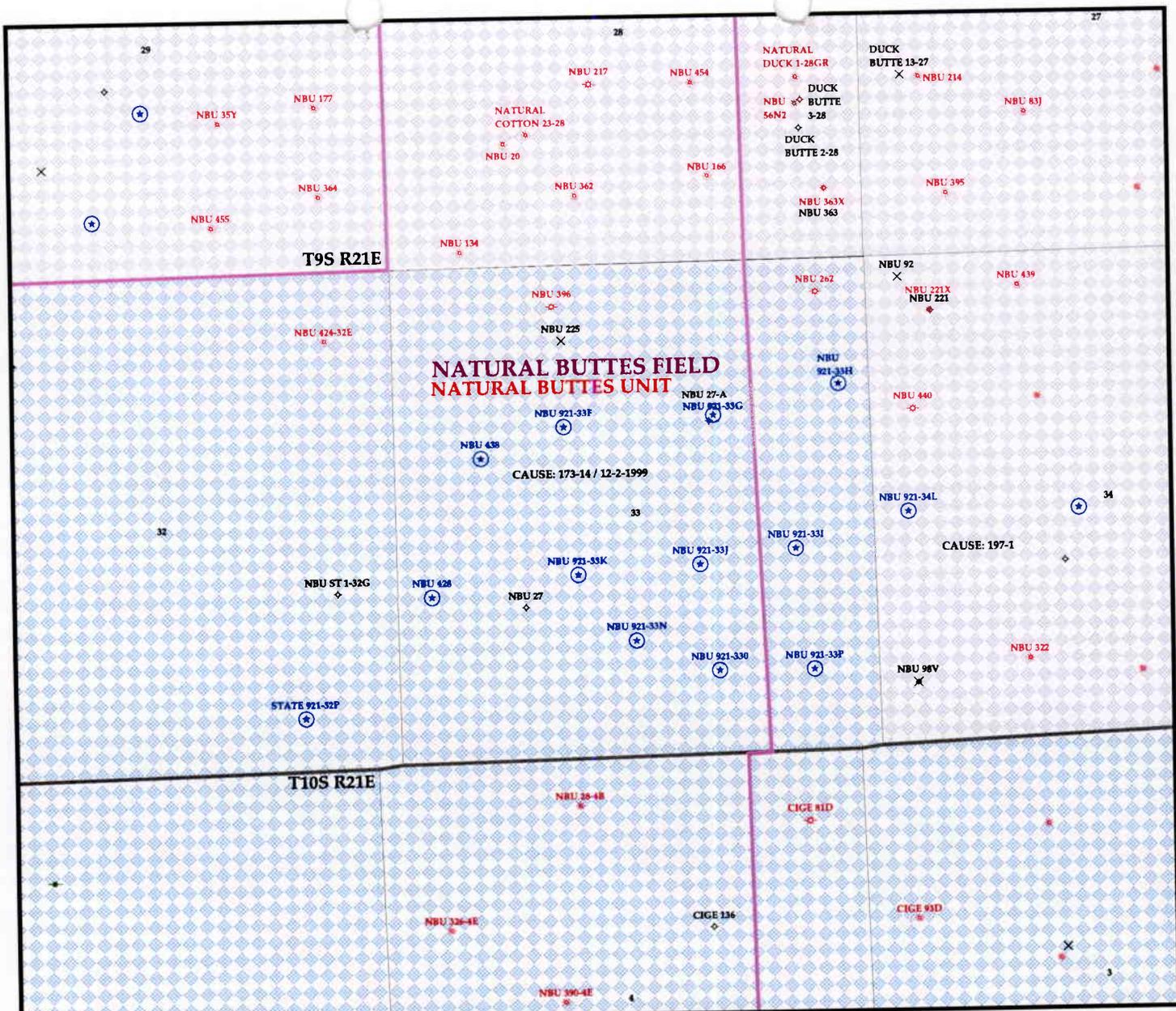
- \_\_\_ R649-2-3.
- Unit NATURAL BUTTES
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 173-14  
Eff Date: 12-2-1999  
Siting: 460' fr u bdy of uncom. tracts
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

Needs Private (Recd 4-12-05)

STIPULATIONS:

- 1 - OIL SHALE
- 2 - STATEMENT OF BASIS



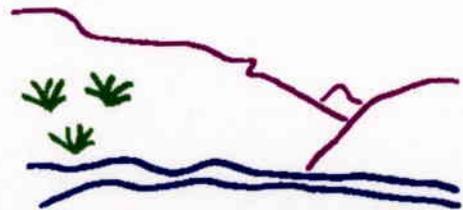
OPERATOR- WESTPORT O&G CO (N2115)

SEC. 33 T.9S R.21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999



Utah Oil Gas and Mining

| Wells                 | Units.shp      | Fields.shp   |
|-----------------------|----------------|--------------|
| ♦ GAS INJECTION       | □ EXPLORATORY  | □ ABANDONED  |
| ◊ GAS STORAGE         | □ GAS STORAGE  | □ ACTIVE     |
| × LOCATION ABANDONED  | □ NF PP OIL    | □ COMBINED   |
| ⊕ NEW LOCATION        | □ NF SECONDARY | □ INACTIVE   |
| ◊ PLUGGED & ABANDONED | □ PENDING      | □ PROPOSED   |
| ◊ PRODUCING GAS       | □ PI OIL       | □ STORAGE    |
| ● PRODUCING OIL       | □ PP GAS       | □ TERMINATED |
| ◊ SHUT-IN GAS         | □ PP GEOTHERML |              |
| ◊ SHUT-IN OIL         | □ PP OIL       |              |
| × TEMP. ABANDONED     | □ SECONDARY    |              |
| ◊ TEST WELL           | □ TERMINATED   |              |
| ▲ WATER INJECTION     |                |              |
| ● WATER SUPPLY        |                |              |
| ◊ WATER DISPOSAL      |                |              |



PREPARED BY: DIANA WHITNEY  
DATE: 05-APRIL-2005

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

**OPERATOR:** WESTPORT OIL AND GAS COMPANY, L.P.  
**WELL NAME & NUMBER:** NBU 921-330  
**API NUMBER:** 43-047-36499  
**LOCATION:** 1/4,1/4 SW/SE Sec: 33 TWP: 9S RNG: 21E 1771' FEL 927' FSL

**Geology/Ground Water:**

Westport proposes to set 2,800' 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 4,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. 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 to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

**Reviewer:** Brad Hill **Date:** 04/14/05

**Surface:**

The predrill investigation of the surface was performed on 04/12/05. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 04/08/05. Neither was present. This site is on State surface, with State minerals, and appears to be the best site for a location in the immediate area. Mr. Bartlett told me over the telephone that he mailed Ms. Domenici a prescribed seed mix to be used when reserve pit is reclaimed. An existing drainage crossing this site will be re-routed around the east and north sides of location where a diversion ditch will be constructed.

**Reviewer:** David W. Hackford **Date:** 04/13/2005

**Conditions of Approval/Application for Permit to Drill:**

None.

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

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.  
WELL NAME & NUMBER: NBU 921-330  
API NUMBER: 43-047-36499  
LEASE: ML-22446 FIELD/UNIT: NATURAL BUTTES  
LOCATION: 1/4,1/4 SW/SE Sec: 33 TWP: 9S RNG: 21E 1771' FEL 927' FSL  
LEGAL WELL SITING: 460 feet from unit boundary and uncommitted tracts.  
GPS COORD (UTM): 623559E 4427154N SURFACE OWNER: STATE OF UTAH

**PARTICIPANTS**

DAVID W. HACKFORD (DOGM), CLAY EINERSON, DEBRA DOMENICI, (WESTPORT),  
ROBERT KAY (UELS).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

SITE IS IN A RELATIVELY FLAT AREA OF LOW RIDGES AND SHALLOW DRAWS  
DRAINING GRADUALLY FOR 1.0 MILE TO THE SOUTHWEST, THEN WEST TO  
COTTONWOOD WASH, THEN 5.0 MILES TO THE NORTH TO THE WHITE RIVER. BREAKS  
OF BITTER CREEK CANYON HEAD 7.2 MILES TO THE EAST. WILLOW CREEK IS 7.1  
MILES TO THE WEST. OURAY, UTAH IS 13.6 MILES TO THE NORTHWEST. THERE IS  
A ROCKY KNOLL 500' TO THE SOUTH WITH NUMEROUS SANDSTONE OUTCROPPINGS.

**SURFACE USE PLAN**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 350' BY 273'. ACCESS ROAD  
WILL BE 0.1 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM  
GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION  
FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE  
WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE  
BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS?  
EXPLAIN: UNLIKELY.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL

BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: GREASEWOOD, HORSEBRUSH, PRICKLY PEAR, SHADSCALE, SAGE, RABBITBRUSH: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT**

CHARACTERISTICS: 150' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN**

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

**OTHER OBSERVATIONS/COMMENTS**

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM DAY WITH NO SNOW COVER.

**ATTACHMENTS**

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

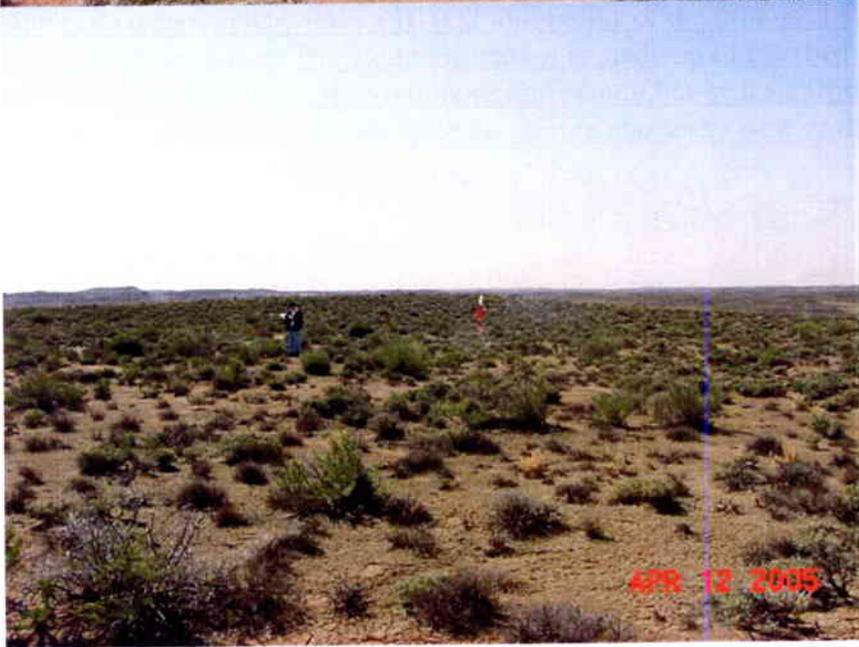
4/12/05, 11:00 AM  
DATE/TIME

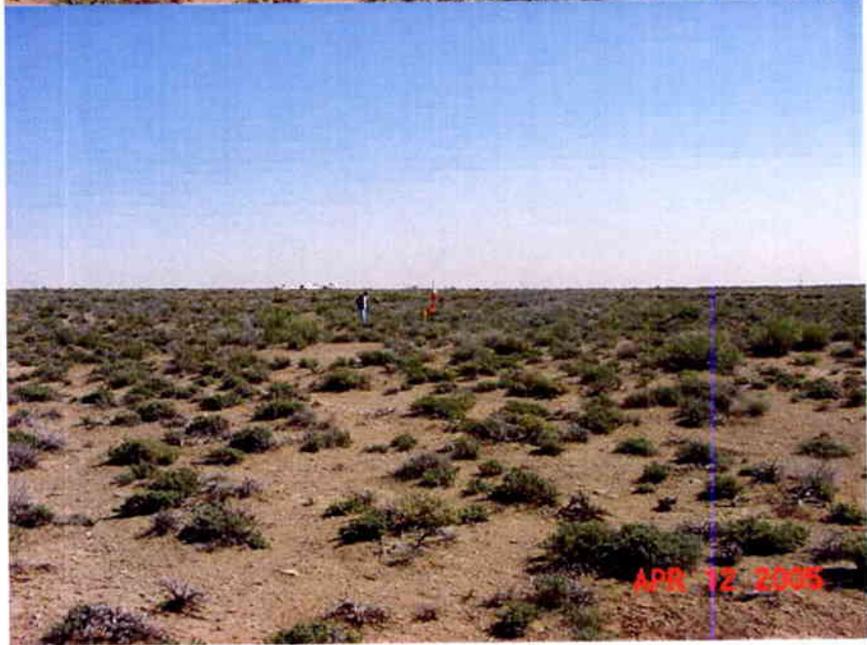
**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

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

**Final Score**      15      (Level II Sensitivity)

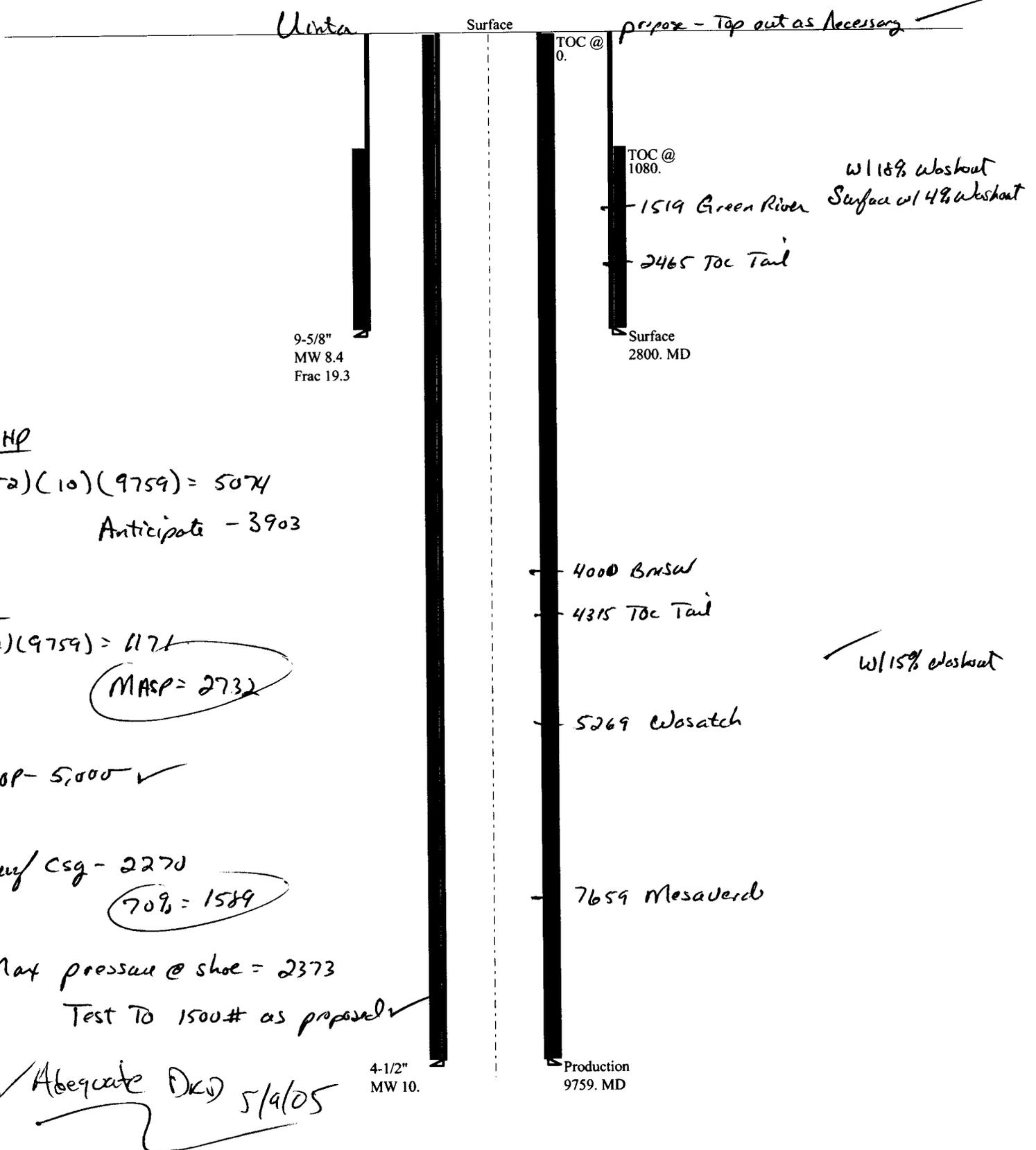
Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.





04-05 Westport NBU 921-500

Casing Schematic



|              |                                   |              |
|--------------|-----------------------------------|--------------|
| Well name:   | <b>04-05 Westport NBU 921-330</b> |              |
| Operator:    | <b>Westport Oil &amp; Gas</b>     | Project ID:  |
| String type: | Surface                           | 43-047-36499 |
| Location:    | Uintah County                     |              |

**Design parameters:**

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

**Burst**  
Max anticipated surface pressure: 2,464 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 2,800 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: 2,483 ft

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 114 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft  
  
Cement top: 1,080 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 9,759 ft  
Next mud weight: 10,000 ppg  
Next setting BHP: 5,070 psi  
Fracture mud wt: 19,250 ppg  
Fracture depth: 2,800 ft  
Injection pressure: 2,800 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---------|---------------------|-----------|-------------------------|-------|------------|----------------------|---------------------|---------------------|-------------------------|
| 2       | 2400                | 9.625     | 32.30                   | H-40  | ST&C       | 2400                 | 2400                | 8.876               | 152.1                   |
| 1       | 400                 | 9.625     | 36.00                   | J-55  | ST&C       | 2800                 | 2800                | 8.796               | 28.5                    |

| 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 |
|---------|---------------------|-------------------------|------------------------|------------------|----------------------|---------------------|---------------------|-------------------------|-----------------------|
| 2       | 1047                | 1369                    | 1.307                  | 2752             | 2270                 | 0.82                | 81                  | 254                     | 3.15 J                |
| 1       | 1222                | 2020                    | 1.653                  | 2800             | 3520                 | 1.26                | 3                   | 394                     | 99.99 J               |

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

Phone: 801-538-5280  
FAX: 801-359-3940

Date: April 25, 2005  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 2800 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
  
Burst strength is not adjusted for tension.

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

Well name:

**04-05 Westport NBU 921-330**

Operator: **Westport Oil & Gas**

String type: Production

Project ID:

43-047-36499

Location: Uintah County

**Design parameters:**

**Collapse**

Mud weight: 10.000 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: 212 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 1,777 psi  
Internal gradient: 0.337 psi/ft  
Calculated BHP 5,070 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)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,300 ft

| Run Seq | Segment Length (ft) | Size (in)               | Nominal Weight (lbs/ft) | Grade            | End Finish           | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in)     | Internal Capacity (ft³) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-------------------------|
| 1       | 9759                | 4.5                     | 11.60                   | M-80             | LT&C                 | 9759                 | 9759                | 3.875                   | 226.2                   |
| 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       | 5070                | 6350                    | 1.253                   | 5070             | 7780                 | 1.53                 | 96                  | 267                     | 2.77 B                  |

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

Phone: 801-538-5280  
FAX: 801-359-3940

Date: April 25,2005  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9759 ft, a mud weight of 10 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.*

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

|  |                                     |  |
|--|-------------------------------------|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.<br>Use APPLICATION FOR PERMIT -- for such proposals |                                     | 6. Lease Designation and Serial Number<br>ML-22446 |
|  |                                     | 7. Indian Allottee or Tribe Name                   |
|  |                                     | 8. Unit or Communitization Agreement<br>891008900A |
|  |                                     | 9. Well Name and Number<br>NBU 921-330             |
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)   |                                     | 10. API Well Number<br>43-047-36499                |
| 2. Name of Operator<br>WESTPORT OIL & GAS COMPANY, L.P.  |                                     | 11. Field and Pool, or Wildcat<br>NATURAL BUTTES   |
| 3. Address of Operator<br>1368 SOUTH 1200 EAST, VERNAL, UTAH 84078   | 4. Telephone Number<br>435-781-7060 |  |
| 5. Location of Well<br>Footage : 927' FSL 1771' FEL      County : UINTAH<br>QQ, Sec. T., R., M : SWSE SEC 33-T9S-R21E      State : UTAH  |                                     |  |

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

|  |   |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
|--|---|---|--|---|--|---------------------------------------|--|---|---|--|--|---|--------------------------------------|--|--|--|---|--|---|---|---|--|--|---|---|--------------------------------------|--|
| <p style="text-align: center;"><b>NOTICE OF INTENT</b><br/>(Submit in Duplicate)</p> <table border="0"> <tr><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> New Construction</td></tr> <tr><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Pull or Alter Casing</td></tr> <tr><td><input type="checkbox"/> Change of Plans</td><td><input type="checkbox"/> Recompletion</td></tr> <tr><td><input type="checkbox"/> Conversion to Injection</td><td><input type="checkbox"/> Shoot or Acidize</td></tr> <tr><td><input type="checkbox"/> Fracture Treat</td><td><input type="checkbox"/> Vent or Flare</td></tr> <tr><td><input type="checkbox"/> Multiple Completion</td><td><input type="checkbox"/> Water Shut-Off</td></tr> <tr><td><input type="checkbox"/> Other _____</td><td></td></tr> </table> <p>Approximate Date Work Will Start _____</p> | <input type="checkbox"/> Abandonment          | <input type="checkbox"/> New Construction | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing | <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion | <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare | <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Other _____ |  | <p style="text-align: center;"><b>SUBSEQUENT REPORT</b><br/>(Submit Original Form Only)</p> <table border="0"> <tr><td><input type="checkbox"/> Abandonment *</td><td><input type="checkbox"/> New Construction</td></tr> <tr><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Pull or Alter Casing</td></tr> <tr><td><input checked="" type="checkbox"/> Change of Plans</td><td><input type="checkbox"/> Shoot or Acidize</td></tr> <tr><td><input type="checkbox"/> Conversion to Injection</td><td><input type="checkbox"/> Vent or Flare</td></tr> <tr><td><input type="checkbox"/> Fracture Treat</td><td><input type="checkbox"/> Water Shut-Off</td></tr> <tr><td><input type="checkbox"/> Other _____</td><td></td></tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.<br/>* Must be accompanied by a cement verification report.</p> | <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing | <input checked="" type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize | <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Other _____ |  |
| <input type="checkbox"/> Abandonment   | <input type="checkbox"/> New Construction     |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Casing Repair   | <input type="checkbox"/> Pull or Alter Casing |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Change of Plans   | <input type="checkbox"/> Recompletion         |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Conversion to Injection   | <input type="checkbox"/> Shoot or Acidize     |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Fracture Treat  | <input type="checkbox"/> Vent or Flare        |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Multiple Completion   | <input type="checkbox"/> Water Shut-Off       |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Other _____   |   |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Abandonment *   | <input type="checkbox"/> New Construction     |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Casing Repair   | <input type="checkbox"/> Pull or Alter Casing |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input checked="" type="checkbox"/> Change of Plans  | <input type="checkbox"/> Shoot or Acidize     |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Conversion to Injection   | <input type="checkbox"/> Vent or Flare        |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Fracture Treat  | <input type="checkbox"/> Water Shut-Off       |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |
| <input type="checkbox"/> Other _____   |   |   |  |   |  |                                       |  |   |   |  |  |   |                                      |  |  |  |   |  |   |   |   |  |  |   |   |                                      |  |

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
 THE TIE-IN POINT FOR THE PIPELINE WAS CHANGED AT THE PRE-SITE ON APRIL 12, 2005. PLEASE FIND ATTACHED A NEW TOPO D SHOWING THE NEW TIE-IN POINT.

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

Date: 04-26-05  
By: [Signature]

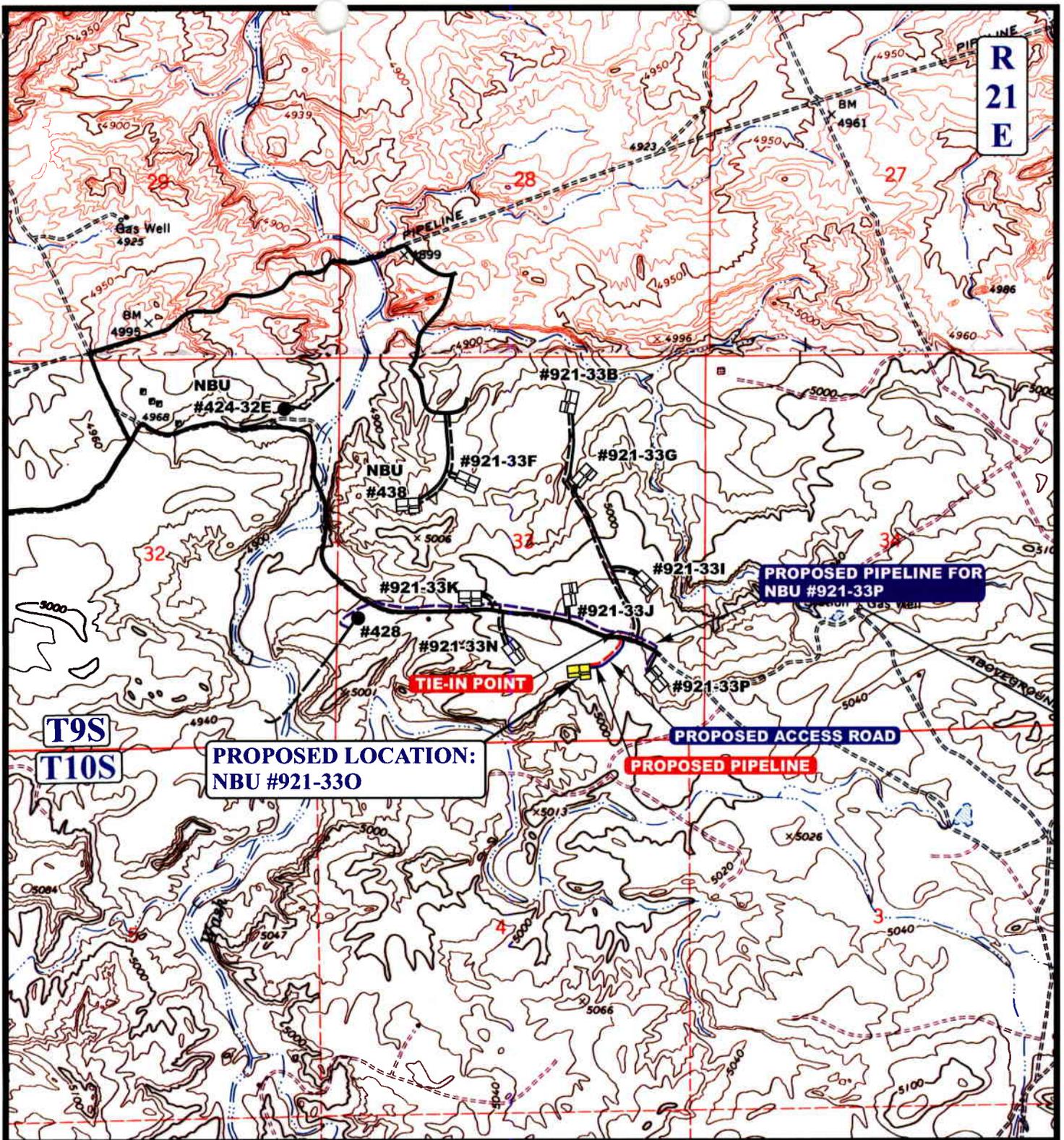
**RECEIVED**  
APR 26 2005  
DIV. OF OIL, GAS & MINING

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

Name & Signature DEBRA DOMENICI [Signature] Title ASSOC. ENV. ANALYST Date 04/18/05

(State Use Only)

COPY SENT TO OPERATOR  
DATE: 04-27-05  
INITIALS: CHD



**APPROXIMATE TOTAL PIPELINE DISTANCE = 600' +/-**

**LEGEND:**

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



**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #921-330  
SECTION 33, T9S, R21E, S.L.B.&M.  
927' FSL 1771' FWL**



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

**TOPOGRAPHIC  
MAP**

**01 13 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 04-13-05



**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 4/28/2005 11:41:38 AM  
**Subject:** Well Clearance

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

Westport Oil & Gas Company

NBU 922-36C  
NBU 922-36G  
NBU 922-36H  
NBU 922-36N  
NBU 922-36O  
NBU 921-330 ✓

Enduring Resources, LLC

Agency Draw 12-21-31-36  
Big Pack 12-21-22-2  
Southam Canyon 10-25-21-32  
Southam Canyon 9-25-22-32

EOG Resources, Inc

NBU 548-12E  
Chapita Wells Unit 953-32  
Chapita Wells Unit 957-32

The Houston Exploration Company

Southman Canyon 11-36-9-23  
Southman Canyon 13-36-9-23

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

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

May 10, 2005

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

Re: Natural Buttes Unit 921-330 Well, 927' FSL, 1771' FEL, SW SE, Sec. 33,  
T. 9 South, R. 21 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 43-047-36499.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

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

**Operator:** Westport Oil & Gas Company, LP  
**Well Name & Number** Natural Buttes Unit 921-330  
**API Number:** 43-047-36499  
**Lease:** ML-22446

**Location:** SW SE                      **Sec.** 33                      **T.** 9 South                      **R.** 21 East

### Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

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

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

Page 2

API #43-047-36499

May 10, 2005

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.

RECEIVED

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

APR 17 2006

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-22446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME:  
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:  
NBU 921-330

9. API NUMBER:  
4304736499

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

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

3. ADDRESS OF OPERATOR:  
1368 SOUTH 1200 EAST VERNAL UT 84078  
PHONE NUMBER:  
(435) 781-7003

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 927' FSL 1771' FEL COUNTY: UINTAH  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 9S 21E STATE: UTAH

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION           |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                     |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                           |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                           |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____              | <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: DOGM APD<br>EXTENSION |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON MAY 10, 2005.

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

NAME (PLEASE PRINT) RAMEY HOOPES TITLE REGULATORY CLERK  
SIGNATURE *Ramey Hoopes* DATE 4/11/2006

(This space for State use only)

ACCEPTED BY BUM FOR  
UNIT PURPOSES ONLY

MAY 08 2006 - 2 2006



(See Instructions on Reverse Side)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

|                |
|----------------|
| <b>ROUTING</b> |
| 1. DJJ         |
| 2. CDW         |

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

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

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

*Earlene Russell*

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

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

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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

Office

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SEE ATTACHED**

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

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

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

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

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

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Date

**5-9-06**

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

Office

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-22446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OR CA AGREEMENT NAME:  
NATURAL BUTTES UNIT

8. WELL NAME AND NUMBER:  
NBU 921-330

9. API NUMBER:  
4304736499

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

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

3. ADDRESS OF OPERATOR:  
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7003

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 927' FSL 1771' FEL COUNTY: UINTAH  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 9S 21E STATE: UTAH

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON MAY 10, 2005.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 05-30-06  
By: *[Signature]*

7-21-06  
CHD

NAME (PLEASE PRINT) RAMEY HOOPES TITLE REGULATORY CLERK  
SIGNATURE *Ramey Hoopes* DATE 4/11/2006

(This space for State use only)

RECEIVED  
MAY 30 2006

DIV. OF OIL, GAS & MINING



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

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

API: 4304736499  
Well Name: NBU 921-330  
Location: SWSE, SEC 33-T9S-R21E  
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP  
Date Original Permit Issued: 5/10/2004

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

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

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

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

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

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

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

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

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

Ramey Hoopes  
Signature

4/11/2006  
Date

Title: REGULATORY CLERK

Representing: KERR MCGEE OIL AND GAS ONSHORE L

RECEIVED  
MAY 30 2006

# RECEIVED

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

MAR 16 2007  
19

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-22446

INDIAN, ALLOTTEE OR TRIBE NAME:

BLM, VERNAL, UTAH

7. UNIT or CA AGREEMENT NAME:

NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:

NBU 921-330

9. API NUMBER:

4304736499

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

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

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

KERR MCGEE OIL AND GAS ONSHORE LP

3. ADDRESS OF OPERATOR:

1368 S 1200 E

CITY

VERNAL

STATE

UT

ZIP

84078

PHONE NUMBER:

(435) 781-7003

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 927' FSL 1771' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 9S 21E

STATE:

UTAH

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

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

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT FOR UNIT PURPOSES ONLY ON APRIL 1, 2006.

# RECEIVED

APR 09 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT)

RAMEY HOOPES

TITLE

REGULATORY CLERK

SIGNATURE

DATE

3/15/2007

(This space for State use only)

# NOTED

MAR 27 2007

ACCEPTED BY BLM FOR  
UNIT PURPOSES ONLY

# UDOGM

(See Instructions on Reverse Side)

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

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

**API:** 4304736499  
**Well Name:** NBU 921-330  
**Location:** SWSE, SEC 33-T9S-R21E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 4/1/2006

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

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

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

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

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

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

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

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

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

Ramey Harper  
Signature

3/15/2007  
Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil & Gas Onshore LP

**RECEIVED  
APR 09 2007**

DIV. OF OIL, GAS & MINING

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

FORM 9

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>ML-22446</b>  |
| 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:<br><b>NATURAL BUTTES UNIT</b> |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  | 8. WELL NAME and NUMBER:<br><b>NBU 921-330</b>              |
| 2. NAME OF OPERATOR:<br><b>KERR MCGEE OIL AND GAS ONSHORE LP</b>   |  | 9. API NUMBER:<br><b>4304736499</b>                         |
| 3. ADDRESS OF OPERATOR:<br><b>1368 S. 1200 E.</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>  | PHONE NUMBER:<br><b>(435) 781-7003</b> | 10. FIELD AND POOL, OR WILDCAT:<br><b>NATURAL BUTTES</b>    |

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **927' FSL, 1771' FEL** COUNTY: **UINTAH**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWSE 33 9S 21E** STATE: **UTAH**

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON 5/30/2006.**

*5/10/05*

Approved by the  
Utah Division of  
Oil, Gas and Mining

*4 29 07  
RM*

Date: *04-24-07*  
By: *[Signature]*

RECEIVED  
APR 23 2007  
DIV. OF OIL, GAS & MINING

|  |                                      |
|--|--------------------------------------|
| NAME (PLEASE PRINT) <u><b>RAMEY HOOPES</b></u> | TITLE <u><b>REGULATORY CLERK</b></u> |
| SIGNATURE <u><i>Ramey Hoopes</i></u>           | DATE <u><b>4/16/2007</b></u>         |

(This space for State use only)

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

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

**API:** 4304736499  
**Well Name:** NBU 921-330  
**Location:** SWSE, SEC 33-T9S-R21E  
**Company Permit Issued to:** KERR-MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** ~~5/30/2006~~ 5/10/05

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

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

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

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

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

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

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

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

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

Ramey Hoopes  
Signature

4/16/2007  
Date

Title: REGULATORY CLERK

Representing: KERR-MCGEE OIL AND GAS ONSHORE L

RECEIVED  
APR 23 2007  
DIV. OF OIL, GAS & MINING

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

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

Well Name: NBU 921-330

Api No: 43-047-36499 Lease Type: STATE

Section 33 Township 09S Range 21E County UINTAH

Drilling Contractor PETE MARTIN'S RIG # BUCKET

### **SPUDDED:**

Date 05/03/07

Time 10:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 05/04/07 Signed CHD

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

FORM 6

ENTITY ACTION FORM

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

Well 1

| API Number   | Well Name             |                   | QQ        | Sec | Twp                              | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 4304736087   | NBU 1022-20G          |                   | SWNE      | 20  | 10S                              | 22E | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     | Entity Assignment Effective Date |     |        |
| <i>B</i>   | 99999                 | <i>2900</i>       | 5/3/2007  |     | 5/10/07                          |     |        |
| Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i><br>SPUD WELL LOCATION ON 05/03/2007 AT 1400 HRS. |                       |                   |           |     |                                  |     |        |

Well 2

| API Number   | Well Name             |                   | QQ        | Sec | Twp                              | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 4304736499   | NBU 921-330           |                   | SWSE      | 33  | 9S                               | 21E | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     | Entity Assignment Effective Date |     |        |
| <i>B</i>   | 99999                 | <i>2900</i>       | 5/3/2007  |     | 5/10/07                          |     |        |
| Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i><br>SPUD WELL LOCATION ON 05/03/2007 AT 1000 HRS. |                       |                   |           |     |                                  |     |        |

Well 3

| API Number   | Well Name             |                   | QQ        | Sec | Twp                              | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 4304736867   | HATCH 923-15H         |                   | SENE      | 15  | 9S                               | 23E | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     | Entity Assignment Effective Date |     |        |
| <i>A</i>   | 99999                 | <i>16088</i>      | 5/9/2007  |     | 5/10/07                          |     |        |
| Comments: MIRU PETE MARTIN BUCKET. <i>WSMVD</i><br>SPUD WELL LOCATION ON 05/09/2007 AT 1200 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 IPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

*[Signature]*  
Date 5/10/2007

RECEIVED

MAY 08 2007

DIV. OF OIL, GAS & MINING

(5/2000)

To EARLENE RUSSELL From SHEILA IPCHEGO  
 Co./Dept. LAND OGM Co. KMG  
 Phone (801) 538-5330 Phone (435) 781-7024  
 Fax # (801) 359-3940 Fax (435) 781-7094

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

FORM 9

|  |   |   |
|--|---|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |   | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>ML-22446 |
| 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:<br>UNIT #891008900A   |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  | 8. WELL NAME and NUMBER:<br>NBU 921-330 |   |
| 2. NAME OF OPERATOR:<br>KERR MCGEE OIL & GAS ONSHORE LP  |   | 9. API NUMBER:<br>4304736499                        |
| 3. ADDRESS OF OPERATOR:<br>1368 SOUTH 1200 EAST VERNAL UT 84078  | PHONE NUMBER:<br>(435) 781-7024         | 10. FIELD AND POOL, OR WILDCAT:<br>NATURAL BUTTES   |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: 927'FSL, 1771'FEL<br>COUNTY: UINTAH<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 9S 21E<br>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<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON           |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                 |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input 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 05/06/2007 AT 1200 HRS.

**RECEIVED**

**MAY 29 2007**

**DIV. OF OIL, GAS & MINING**

|                                    |                                    |
|------------------------------------|------------------------------------|
| NAME (PLEASE PRINT) SHEILA UPCHEGO | TITLE SENIOR LAND ADMIN SPECIALIST |
| SIGNATURE                          | DATE 5/8/2007                      |

(This space for State use only)

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|  |  |   |
|--|--|---|
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____                |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>ML-22446 |
| 2. NAME OF OPERATOR:<br>KERR MCGEE OIL & GAS ONSHORE LP  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:               |
| 3. ADDRESS OF OPERATOR:<br>1368 SOUTH 1200 EAST VERNAL UT 84078  |  | 7. UNIT or CA AGREEMENT NAME:<br>UNIT #891008900A   |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: 927'FSL, 1771'FEL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 9S 21E |  | 8. WELL NAME and NUMBER:<br>NBU 921-330             |
| PHONE NUMBER:<br>(435) 781-7024  |  | 9. API NUMBER:<br>4304736499                        |
| STATE: UTAH  |  | 10. FIELD AND POOL, OR WILDCAT:<br>NATURAL BUTTES   |

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

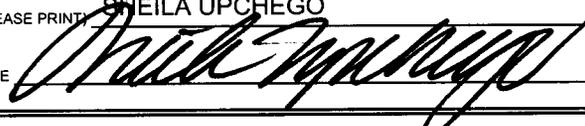
| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br>_____<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON           |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                 |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input 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 BILL MARTIN AIR RIG ON 05/12/2007. DRILLED 12 1/4" SURFACE HOLE TO 2770'. RAN 9 5/8" 58 JTS OF 32.3# H-40 AND 10 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W220 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1 15 YIELD. GOT RETURNS LATE INTO DISPLACEMENT NO CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE NO CMT TO SURFACE. TOP OUT W/75 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE CMT TO SURFACE HOLE STAYED FULL.

WORT.

**RECEIVED**  
**MAY 29 2007**  
DIV. OF OIL, GAS & MINING

|   |   |
|---|---|
| NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>   | TITLE <u>SENIOR LAND ADMIN SPECIALIST</u> |
| SIGNATURE  | DATE <u>5/23/2007</u>                     |

(This space for State use only)

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|  |  |                                   |  |  |  |   |  |   |
|--|--|-----------------------------------|--|--|--|---|--|---|
| 1. TYPE OF WELL  |  | OIL WELL <input type="checkbox"/> |  | GAS WELL <input checked="" type="checkbox"/> |  | OTHER _____                                       |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>ML-22446 |
| 2. NAME OF OPERATOR:<br>KERR MCGEE OIL & GAS ONSHORE LP                        |  |                                   |  |  |  |   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:               |
| 3. ADDRESS OF OPERATOR:<br>1368 SOUTH 1200 EAST      VERNAL      UT      84078 |  |                                   |  |  |  |   |  | 7. UNIT or CA AGREEMENT NAME:<br>UNIT #891008900A   |
|  |  |                                   |  |  |  | PHONE NUMBER:<br>(435) 781-7024                   |  | 8. WELL NAME and NUMBER:<br>NBU 921-330             |
| 4. LOCATION OF WELL  |  |                                   |  |  |  |   |  | 9. API NUMBER:<br>4304736499                        |
| FOOTAGES AT SURFACE: 927'FSL, 1771'FEL   |  |                                   |  |  |  | 10. FIELD AND POOL, OR WILDCAT:<br>NATURAL BUTTES |  |   |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 9S 21E                    |  |                                   |  |  |  | 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<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION           |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion:<br>_____ | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                     |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                           |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                           |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                          |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                          |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input 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 2770' TO 9700' ON 06/12/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/566 PREM LITE II @12.1 PPG 2.31 YIELD TAILED CMT W/1264 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACED W/150 BBLs H2O + ADDITIVES FLOATS HELD W/1.5 BBLs PLUG DOWN W/25 BBLs LEAD CMT TO RESERVE PIT SET MANDREL & PRESSURE TEST TO 5000 PSI WASH AND CLEAN BOP EQUIP NIPPLE DOWN CLEAN PITS.

RELEASED PIONEER RIG 52 ON 06/14/2007 AT MIDNIGHT.

**RECEIVED**  
**JUN 18 2007**  
DIV. OF OIL, GAS & MINING

|   |   |
|---|---|
| NAME (PLEASE PRINT) <u>SHEILA UPCHEGG</u> | TITLE <u>SENIOR LAND ADMIN SPECIALIST</u> |
| SIGNATURE                                 | DATE <u>6/14/2007</u>                     |

(This space for State use only)

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

FORM 9

|  |  |  |
|--|--|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>ML-22446</b> |
| 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<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  | 7. UNIT or CA AGREEMENT NAME:<br><b>UNIT #891008900A</b>   |
| 2. NAME OF OPERATOR:<br><b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>   |  | 8. WELL NAME and NUMBER:<br><b>NBU 921-330</b>             |
| 3. ADDRESS OF OPERATOR:<br><b>1368 SOUTH 1200 EAST VERNAL UT 84078</b>   |  | 9. API NUMBER:<br><b>4304736499</b>                        |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>927'FSL, 1771'FEL</b>   |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>NATURAL BUTTES</b>   |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSE 33 9S 21E</b>   |  | COUNTY: <b>UINTAH</b>                                      |
|  |  | STATE: <b>UTAH</b>   |

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 07/13/2007 AT 12:00 PM.  
 PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

|   |   |
|---|---|
| NAME (PLEASE PRINT) <b>SHEILA UPCHEGO</b> | TITLE <b>SENIOR LAND ADMIN SPECIALIST</b> |
| SIGNATURE                                 | DATE <b>7/16/2007</b>                     |

(This space for State use only)

**RECEIVED**  
**JUL 20 2007**



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

## CHRONOLOGICAL WELL HISTORY

### NBU 921-330

SWSE, SEC. 33, T9S, R21E  
UINTAH COUNTY, UT

| DATE     | ACTIVITY   | STATUS       |
|----------|--|--------------|
| 04/13/07 | LOCATION STARTED PIONEER 52  |              |
| 04/30/07 | LOCATION COMPLETE PIONEER 52   | P/L IN, WOBR |
| 05/03/07 | SET CONDUCTOR PIONEER 52   | WOAR         |
| 05/12/07 | SET AIR RIG PIONEER 52   | DRLG         |
| 05/23/07 | 9 5/8" @2753' PIONEER 52   | WORT         |
| 06/01/07 | TD: 2770' Csg. 9 5/8" @ 2753' MW: 8.4 SD: 6/XX/07<br>Move rig. 100% moved and 50% rigged up @ report time.   | DSS: 0       |
| 06/04/07 | TD: 4632' Csg. 9 5/8" @ 2753' MW: 9.6 SD: 6/3/07<br>RURT. NU and test BOPE. PU BHA and DP. Drill cmt and FE. Rotary spud @ 0500 hrs on 6/3/07. Drill from 2770'-4632'. DA @ report time. | DSS: 1       |
| 06/05/07 | TD: 5706' Csg. 9 5/8" @ 2753' MW: 10.3 SD: 6/3/07<br>Drill from 4632'-5706'. DA.   | DSS: 2       |
| 06/06/07 | TD: 6475' Csg. 9 5/8" @ 2753' MW: 10.3 SD: 6/3/07<br>Drill from 5706'-6475'. DA.   | DSS: 4       |
| 06/07/07 | TD: 6764' Csg. 9 5/8" @ 2753' MW: 12.3 SD: 6/3/07<br>Drill from 6475'-6764'. TFNB. Stage in hole bringing up mud weight.   | DSS: 5       |
| 06/08/07 | TD: 7462' Csg. 9 5/8" @ 2753' MW: 12.4 SD: 6/3/07<br>CCH, raise MW to 12.4, and LCM to 8%. FIH and drill f/ 6764'-7462'. DA @ report time.   | DSS: 6       |
| 06/11/07 | TD: 9199' Csg. 9 5/8" @ 2753' MW: 12.6 SD: 6/3/07<br>Drill from 7462'-9199'. TFNB.   | DSS: 9       |
| 06/12/07 | TD: 9700' Csg. 9 5/8" @ 2753' MW: 12.8 SD: 6/3/07<br>Drill from 9199'-9700' TD. Short trip and CCH.  | DSS: 10      |
| 06/13/07 | TD: 9700' Csg. 9 5/8" @ 2753' MW: 12.8 SD: 6/3/07<br>Lay down drill string. Run Triple Combo. RU casing crew @ report time.  | DSS: 11      |
| 06/14/07 | TD: 9700' Csg. 9 5/8" @ 2753' MW: 12.8 SD: 6/3/07<br>Run and cement 4 1/2" Production Casing. Set slips and release rig @ midnight 6/13/07. RDRT.  | DSS: 12      |
| 06/15/07 | TD: 9700' Csg. 9 5/8" @ 2753' MW: 12.8 SD: 6/3/07  | DSS: 12      |

RDRT. Begin move to State 920-36K.

07/06/07

**P/U TBG**

Days On Completion: 1

Remarks: 7:00 A.M. HSM ROAD RIG & EQUIP F/ NBU 1021-36K TO LOC. MIRU. NDWH, NUBOPE. PREP & TALLY 2 3/8" L-80 8RD 4.7# TBG. P/U 3 7/8" MILL, BIT SUB & RIH W/ 310 JTS P/U TBG OFF TRAILER. EOT @ 9500'. X-O POOH STAND BACK TBG. EOT @ 5500'. SWI. SDFN

07/09/07

**P/U TBG**

Days On Completion: 1

Remarks: 7:00 A.M. HSM. MIRU CUTTERS, MIRU WEATHERFORD FRAC SVC. HOLD SFT MTG. FILL LINES, & PSI TST LINES TO 8500# (HELD). PREP TO FRAC

ALL MESA VERDE & BTM 2 WASATCH STAGES SHOT W/ 3 3/8" EXP PERF GUNS, LOADED W/ 23 GM CHARGES, 4 SPF, 90 DEG PHASING, TOP WASATCH STAGE SHOT W/ 3 1/8" HSC PERF GUNS LOADED W/ 12 GM CHARGES, 4 SPF, 90 DEG PHASING. ALL STAGES TREATED W/ NALCO DVE-005 SCALE INHIB 3 GAL PER THOUSAND IN PAD & 1/2 RAMP, 10 GAL PER THOUSAND IN FLUSH. ALL CBP'S ARE BAKER 8K CBP'S. ALL SAND IS 30/50 SAND ALL STAGES TREATED W/ TLC FOR SAND CONTROLL.

STG 1: BRK DWN PERF'S @ 4122#, EST INJ RT @ 50.3 BPM @ 5200#, ISIP 3042#, FG .77, TREAT STG 1 W/ 26,100# 30/50 SAND, TAILED IN W/ 6000# TLC SAND. W/ SLK WTR. TOT CL FL 946 BBLs. ISIP 3545#, NPI 503#, FG .82

STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" BAKER 8K CBP & RIH. SET CBP 8526', P/U SHOOT 12 HOLES F/ 8493' - 96', P/U SHOOT 12 HOLES F/ 8420' - 23', P/U SHOOT 8 HOLES F/ 8374' - 76', P/U SHOOT 12 HOLES F/ 8331' - 34'. POOH. BRK DWN PERF'S @ 6463#, EST INJ RT @ 50.3 BPM @ 5850#, ISIP 3870#, FG .90?, TREAT STG 2 W/ 88,800# SAND, TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 2420 BBLs. ISIP 3549#, NPI -321#, FG .86.

STG 3: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 8216'. P/U SHOOT 12 HOLES F/ 8187' - 90', P/U SHOOT 12 HOLES F/ 8115' - 18', P/U SHOOT 8 HOLES F/ 8073' - 75', P/U SHOOT 12 HOLES F/ 8023' - 26'. POOH, BRK DWN PERF'S @ 3086#, EST INJ RT @ 50.4 BPM, @ 4660#, ISIP 2215#, FG .71, TREAT STG 3 W/ 15460# SAND, TAILED IN W/ 5000# TLC SAND W/ SLK WTR. (ZONE ATTEMPTED TO SCREEN OUT FROM BEGINNING). TOT CL FL 3629 BBLs. ISIP 2860#, NPI 645#, FG .79

STG 4: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 7640'. P/U SHOOT 8 HOLES F/ 7608' - 10', P/U SHOOT 12 HOLES F/ 7457' - 60', P/U SHOOT 16 HOLES F/ 7430' - 34', P/U SHOOT 8 HOLES F/ 7344' - 46'. POOH. BRK DWN PERF'S @ 2201#, EST INJ RT @ 50.5 BPM @ 3550#, ISIP 1597#, FG .66, TREAT STG 4 W/ 79,000# SAND TAILED IN W/ 5000# TLC SAND. W/ SLK WTR. TOT CL FL 2150 BBLs. ISIP 2303#, NPI 706#, FG .75

STG 5: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 6400', P/U SHOOT 12 HOLES F/ 6369' - 72', P/U SHOOT 16 HOLES F/ 6349' - 53', P/U SHOOT 12 HOLES F/ 6187' - 90', POOH. BRK DWN PERF'S @ 2284#, EST INJ RT @ 51 BPM @ 3400#, ISIP 1453#, FG .67, TREAT STG 5 W/ 33,200# SAND TAILED IN W/ 5000# TLC SAND. W/ SLK WTR. TOT CL FL 959 BBLs. ISIP 2013#, NPI 560#, FG .76

STG 6: P/U 3 1/8" HSC PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 5984'. P/U SHOOT 16

07/10/07

**PERF AND FRAC**

Days On Completion: 6

Remarks: 7:00 a.m. HSM CONT TO FRAC.

STG 6: BRK DWN PERF'S @ 1859#, EST INJ RT @ 50.8 BPM @ 3700#, ISIP 1460#, FG .69, TREAT STG 6 W/ 28,000# SAND, TAILED IN W/ 5000# TLC SAND. W/ SLK WTR. TOT CL FL 696 BBLS. ISIP 2125#, NPI 665#, FG .80 P/U 4 1/2" BAK 8K CBP & RIH, SET KILL PLUG @ 5891', POOH. RDMO CUTTERS, RDMO WEATHERFORD. ND FRAC VLV'S, NU BOPE. P/U 3 7/8" BIT, POBS & RIH W/ TBG. TAG KILL PLUG @ 5891'. R/U DRL EQUIP. BRK CONV CIRC W/ 2% KCL & BEG TO DRL.  
 DRL UP KILL PLUG IN 9 MIN. (400# PSI INC). CONT TO RIH. TAG FILL @ 5949', (30' FILL). C/O TO 2ND CBP @ 5979'.  
 DRL UP 2ND CBP IN 11 MIN. (300# PSI INC). CONT TO RIH. TAG FILL @ 6370', (30' FILL). C/O TO 3RD CBP @ 6400'.  
 DRL UP 3RD CBP IN 8 MIN. (300# PSI INC). CONT TO RIH. TAG FILL @ 7605', (35' FILL). C/O TO 4TH CBP @ 7640'.  
 DRL UP 4TH CBP IN 4 MIN. (200# PSI INC). CONT TO RIH. TAG FILL @ 8180', (36' FILL). C/O TO 5TH CBP @ 8216'.  
 DRL UP 5TH CBP IN 8 MIN. (300# PSI INC). CONT TO RIH. TAG FILL @ 8500', (26' FILL). C/O TO 6TH CBP @ 8526'.  
 DRL UP 6TH CBP IN 6 MIN. (400# PSI INC). CONT TO RIH. TAG FILL @ 9522', (128' FILL). C/O TO PBD @ 9650'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH L/D 30 JTS TBG ON TRAILER. EOT @ 8690'. SWI. SDFN.

07/11/07

**LAND TBG**

Days On Completion: 7  
 Remarks: 7:00 A.M. HSM 1700# SICP. BLEED WELL DOWN. CONT TO POOH, L/D TBG. L/D TOT OF 136 JTS ON TRAILER. LUBRICATE TBG HANGER INTO WELL. LAND TBG W/EOT @ 5775'. ND BOPE. DROP BALL, NUWH. PUMP OFF THE BIT SUB @ 2000#. R/U FLOW BACK LINES. TURN OVER TO FLOW BACK CREW @ 9:00 A.M. RIG DOWN. RACK OUT EQUIP. STOP TIME @ 11:00 A.M.

**NOTE:** NO S.N. IN WELL. I.D. IS 1.995

|                     |         |
|---------------------|---------|
| SICP 1200#          |         |
| FTP 50#,            |         |
| 48/64 CHOKE         |         |
| TBG ON LOC          | 323 JTS |
| TBG IN WELL         | 187 JTS |
| TBG LEFT ON TRAILER | 136 JTS |

WELL WAS FRACTURED W/ 50% GOAT PASTURE WATER, AND 50% PIT WATER F/SEC. 1021-21. WATER WAS VERY BLACK WITH WHAT APPEARED TO BE LARGE AMOUNTS OF IRON SULFIDE.

**FLOWBACK REPORT:** CP 1750#, TP 850#, CK 20/64", 50 BWPH, LOAD REC'D 1290 BBLS, LLTR 6630 BBLS

07/12/07

**FLOWBACK REPORT:** CP 2500#, TP 900#, CK 20/64", 40 BWPH, LOAD REC'D 2325 BBLS, LLTR 5595 BBLS

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: Kerr-McGee Oil & Gas Onshore, LP

Today's Date: 09/18/2007

| Well:                     | API Number: | Drilling Commenced: |
|---------------------------|-------------|---------------------|
| NBU 921-33P wcr           | 4304736396  | 03/07/2007          |
| Bonanza 1023-16J drlg/wcr | 4304737092  | 03/09/2007          |
| Wissiuip 36-187 wcr       | 4304737580  | 04/20/2007          |
| State 1021-36K wcr        | 4304738849  | 04/25/2007          |
| NBU 1021-21J wcr          | 4304737436  | 04/30/2007          |
| NBU 1022-35J wcr          | 4304737180  | 05/01/2007          |
| Bitter Creek 1122-2H wcr  | 4304736997  | 05/02/2007          |
| NBU 921-33O wcr           | 4304736499  | 05/03/2007          |

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

Well  
Hatch 923-14G wcr  
NBU 922-32H-3T wcr

API number  
4304737028  
4304738569

Drilling Commenced  
05/06/2007  
05/08/2007

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 \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-22446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME  
UNIT #891008900A

8. WELL NAME and NUMBER:  
NBU 921-330

9. API NUMBER:  
4304736499

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

10. FIELD AND POOL OR WILDCAT  
NATURAL BUTTES

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

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWSE 33 9S 21E

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: LOT 2, 927'FSL, 1771'FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

12. COUNTY  
UINTAH

13. STATE  
UTAH

14. DATE SPUDDED: 5/6/2007  
15. DATE T.D. REACHED: 6/12/2007  
16. DATE COMPLETED: 7/13/2007  
ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
5029'GL

18. TOTAL DEPTH: MD 9,700 TVD  
19. PLUG BACK T.D.: MD 9,650 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  
Comp 2, CD, CN, Caliper, HDI

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

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

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|-----------|------------|----------------|----------|-------------|----------------------|----------------------------|---------------------|---------------|---------------|
| 20"       | 14" STL    | 36.7#          |          | 40          |                      | 28                         |                     |               |               |
| 12 1/4"   | 9 5/8 H-40 | 32.3# 36#      |          | 2,770       |                      | 620                        |                     |               |               |
| 7 7/8"    | 4 1/2 I-80 | 11.6#          |          | 9,700       |                      | 1830                       |                     |               |               |

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" | 5,775          |                 |      |                |                 |      |                |                 |

26. PRODUCING INTERVALS

27. PERFORATION RECORD

| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) | INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS                       |                                   |
|----------------|----------|-------------|-----------|--------------|-------------------------|------|-----------|--|-----------------------------------|
| (A) WASATCH    | 5,941    | 7,610       |           |              | 5,941 7,610             | 0.36 | 116       | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (B) MESAVERDE  | 8,023    | 9,425       |           |              | 8,023 9,425             | 0.36 | 128       | 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                 |
|----------------|---|
| 5941'-7610'    | PMP 3805 BBLs SLICK H2O & 140,200# 30/50 SD |
| 8023'-9425'    | PMP 6994 BBLs SLICK H2O & 230,360# 30/50 SD |

29. ENCLOSED ATTACHMENTS:  
 ELECTRICAL/MECHANICAL LOGS  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  
 GEOLOGIC REPORT  
 CORE ANALYSIS  
 DST REPORT  
 OTHER: \_\_\_\_\_  
 DIRECTIONAL SURVEY

30. WELL STATUS:  
PROD

**RECEIVED**  
OCT 17 2007

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

|                                   |                         |                      |                          |                 |                   |                           |                          |
|-----------------------------------|-------------------------|----------------------|--------------------------|-----------------|-------------------|---------------------------|--------------------------|
| DATE FIRST PRODUCED:<br>7/13/2007 | TEST DATE:<br>7/28/2007 | HOURS TESTED:<br>24  | TEST PRODUCTION RATES: → | OIL - BBL:<br>0 | GAS - MCF:<br>574 | WATER - BBL:<br>620       | PROD. METHOD:<br>FLOWING |
| CHOKE SIZE:<br>20/64              | TBG. PRESS.<br>698      | CSG. PRESS.<br>1,319 | API GRAVITY              | BTU - GAS       | GAS/OIL RATIO     | 24 HR PRODUCTION RATES: → | INTERVAL STATUS:<br>PROD |

INTERVAL B (As shown in Item #26)

|                                   |                         |                      |                          |                 |                   |                           |                          |
|-----------------------------------|-------------------------|----------------------|--------------------------|-----------------|-------------------|---------------------------|--------------------------|
| DATE FIRST PRODUCED:<br>7/13/2007 | TEST DATE:<br>7/28/2007 | HOURS TESTED:<br>24  | TEST PRODUCTION RATES: → | OIL - BBL:<br>0 | GAS - MCF:<br>574 | WATER - BBL:<br>620       | PROD. METHOD:<br>FLOWING |
| CHOKE SIZE:<br>20/64              | TBG. PRESS.<br>698      | CSG. PRESS.<br>1,319 | API GRAVITY              | BTU - GAS       | GAS/OIL RATIO     | 24 HR PRODUCTION RATES: → | INTERVAL STATUS:<br>PROD |

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

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

**SOLD**

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

| Formation            | Top (MD)       | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|----------------------|----------------|-------------|------------------------------|------|----------------------|
| WASATCH<br>MESAVERDE | 4,886<br>7,635 | 7,635       |                              |      |                      |

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE 

DATE 8/7/2007

This report must be submitted within 30 days of

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

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

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

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

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

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Gas Well   | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>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<br>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<br>Date of Work Completion:<br>4/7/2010 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS              | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>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.

THIS WELL RETURNED TO PRODUCTION ON 4/7/2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 April 20, 2010

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>4/19/2010           |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Gas Well   | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

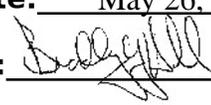
| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |  |
|---|--|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>5/27/2010 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                       |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                    |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> <b>CONVERT WELL TYPE</b> |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                    |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                           |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION      |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON                   |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                      |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                       |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input type="checkbox"/> OTHER                          | OTHER: _____   |

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

THE OPERATOR REQUESTS AUTHORIZATION TO CONVERT THIS WELL TO A SWD MONITOR WELL. THE OPERATOR WILL PLUG AND ABANDON THE WELL UP TO THE BIRD'S NEXT FORMATION AND THEN CONVERT THE WELL TO A SWD MONITOR WELL. PLEASE SEE THE ATTACHED DOCUMENT FOR THE P&A/CONVERSION PROCEDURE.

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

Date: May 26, 2010

By: 

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>5/25/2010           |

**NBU 921-330 Conversion to SWD Monitor Well**  
**SWSE-Section 33 – T9S – R21E**  
**Uintah County, UT**  
**4/28/2010**

**KBE:** 5053'  
**GLE:** 5029'  
**TD:** 9696'  
**PBTD:** 9651'

**API NUMBER:** 43-047-36499  
**LEASE NUMBER:** ML-22446  
**WINS #:** 93639  
**WI:** 100.00000%  
**NRI:** 80.994445%

**CASING:** 12 1/4" hole  
 9 5/8", 32.3# H-40 & 36# J-55 ST&C @ 2754'  
 Cement w/ 620 sxs class G (two top jobs), TOC @ surface

7.875" hole  
 4 1/2" 11.6# N-80 @ 9696'  
 Cement w/ 566 sxs Prem lite II, tail 1264 sxs 50/50 Poz, Cmt circ to surf\*  
 See cement report dated 6/14/2007  
 TOC @ surface

**TUBING:** 2 3/8" 4.7# J-55 Tbg @ 5775' with no SN in the well

**TUBULAR PROPERTIES:**

|                                  | BURST<br>(psi) | COLLAPSE<br>(psi) | DRIFT DIA.<br>(in.) | CAPACITIES |          |
|----------------------------------|----------------|-------------------|---------------------|------------|----------|
|                                  |                |                   |                     | (bbl/ft)   | (gal/ft) |
| 2 3/8" 4.7# J-55<br>tbg          | 7,700          | 8,100             | 1.901"              | 0.00387    | 0.1624   |
| 4 1/2" 11.6# I-80<br>(See above) | 7780           | 6350              | 3.875"              | 0.0155     | 0.6528   |
| 2 3/8" by 4 1/2"<br>Annulus      |                |                   |                     | 0.0101     | 0.4227   |

**GEOLOGIC INFORMATION:**

| <b>Formation</b>  | <b>Depth to top, ft.</b> |
|-------------------|--------------------------|
| Uinta             | Surface                  |
| Green River       | 1499'                    |
| Bird's Nest       | 1804'                    |
| Mahogany          | 2276'                    |
| Base of Parachute | 3164'                    |
| Wasatch           | 4878'                    |

**Tech. Pub. #92 Base of USDW's**

USDW Elevation 1200' MSL  
 USDW Depth 3853' KBE

**PERFORATIONS:**

| Zones     | Perforations |            | SPF | Holes | Status |
|-----------|--------------|------------|-----|-------|--------|
|           | Top, ft      | Bottom, ft |     |       |        |
| Wasatch   | 5941         | 5945       | 4   | 16    | Open   |
| Wasatch   | 5950         | 5954       | 4   | 16    | Open   |
| Wasatch   | 6187         | 6190       | 4   | 12    | Open   |
| Wasatch   | 6349         | 6353       | 4   | 16    | Open   |
| Wasatch   | 6369         | 6372       | 4   | 12    | Open   |
| Wasatch   | 7344         | 7346       | 4   | 8     | Open   |
| Wasatch   | 7430         | 7434       | 4   | 16    | Open   |
| Wasatch   | 7457         | 7460       | 4   | 12    | Open   |
| Wasatch   | 7608         | 7610       | 4   | 8     | Open   |
| Mesaverde | 8023         | 8026       | 4   | 12    | Open   |
| Mesaverde | 8073         | 8075       | 4   | 8     | Open   |
| Mesaverde | 8115         | 8118       | 4   | 12    | Open   |
| Mesaverde | 8187         | 8190       | 4   | 12    | Open   |
| Mesaverde | 8331         | 8334       | 4   | 12    | Open   |
| Mesaverde | 8374         | 8376       | 4   | 8     | Open   |
| Mesaverde | 8420         | 8423       | 4   | 12    | Open   |
| Mesaverde | 8493         | 8496       | 4   | 12    | Open   |
| Mesaverde | 9200         | 9203       | 4   | 12    | Open   |
| Mesaverde | 9418         | 9425       | 4   | 28    | Open   |

**WELL HISTORY:**

- Spud Well 6/1/07, TD'd 6/12/80
- 07/10/07 – Frac'd Wasatch & MV intervals w/ 10,799 bbls SW & 370,560# 30/50 sand

**Slickline Work – March 2008**

- Scratched and broached , lots of scale form 5100'-5685'.

**Slickline Work – November 2009**

- RIH w/ JDC, could not get down past 5223'. Ran scratcher to EOT and bailer down to 9671', but broach would only go down to 4569' (EOT @ 5775', w/ no SN in the well).

## NBU 921-330 Convert to a SWD Monitor well Procedure

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

### PROCEDURE

**Note: An estimated 106 SXS Class "G" cement needed for procedure**

**Note: No Gyro has been run on this well, but don't believe we need to.**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. TOOH W/ TBG. DEPENDING ON CONDITION OF TUBING EITHER RU WIRELINE AND MAKE A GAUGE RING RUN TO 5950 OR PU MILL TO RIH TO 5950'.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5941' – 9425')**: RIH W/ A CIBP AND SET @ 5900'. BRK CIRC W/ FRESH WATER. DISPLACE 9 CUFT. (~8 SXS) ON TOP OF PLUG. PUH ABOVE TOC (~5800', 100' COVERAGE). REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
4. **PLUG #2, PROTECT WASATCH TOP (4878')**: PUH TO 4978'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~4778' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
5. **PLUG #3, PROTECT USDW (3853') & BASE OF PARACHUTE MEMBER (~3164')**: PUH TO ~3953'. BRK CIRC W/ FRESH WATER. DISPLACE 77.52 CUFT. (~68 SXS) AND BALANCE PLUG W/ TOC @ ~3064' (889' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
6. **PLUG #4, PROTECT MAHOGANY TOP (2276')**: PUH TO ~2376'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~2176' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE WITH T-MAC WATER.
7. **Birds Nest Sampling:** SEE ATTACHED BIRD'S NEST WATER SAMPLING PROCEDURE TO OBTAIN A **FLUID LEVEL, DOWNHOLE TEMPERATURE, AND A WATER SAMPLE** FROM 1915'-1925'.

8. FOLLOWING THE SAMPLING OF THE WELL, IT WILL BE CONVERTED TO A SWD MONITORING. LAND TUBING AT  $\pm$  THE TOP OF THE ABOVE PERFORATIONS.

9. RDMO.

RBM 5/2010

## INJECTION ZONE WATER SAMPLING FOR SWD WELLS

1. If workover fluid has been pumped into the well for corrective action requirements (i.e. squeeze work, RAT's test, etc) near the proposed injection interval, get an accurate record of the volume pumped to account for and also obtain a sample of the workover fluid for reference purposes.
2. RIH with tubing to the  $\pm$ top of the proposed perforated interval (**1915'**). Rig up swab equipment and swab the fluid level to 500' above proposed perforated interval so the well can be perforated under-balanced.
3. POOH with the tubing
4. RIH and under-balance perforate the proposed interval (**1915'-1925'**) with the appropriate sized guns. POOH with the perforating guns.
5. RIH with tubing to the  $\pm$ top of the perforated interval
6. RIH and obtain a static fluid level and a bottom hole temperature at the mid point of perfs.
7. R/U to Swab or Nitrogen lift the well to get a representative fluid sample of the injection interval. NOTE: It may be necessary to break-down and/or acidize the perforations in order obtain adequate fluid entry into the wellbore.
  - a. Have a chemical company representative on location to take regular samples and monitor chlorides, potassium, and pH of the water.
  - b. Document field readings of Load Water Volume to Recover, Time, Volume of Fluid Recovered, Chlorides, pH during the entire field sampling process. (See Attached Table.)
  - c. Continue Swabbing or nitrogen lifting the well until all fluid that has been put into the well from corrective action operations has been accounted for.  
NOTE: A minimum of twice the volume of load water will be produced back from the well prior to sampling.
  - d. Once the chlorides, potassium, and pH have stabilized and look to be representative of the injection zone interval, take three last successive samples (plus selected previous samples for comparisons) in for complete water analysis to measure for TDS, pH, SG, and conductivity.
  - e. Collect one additional sample and put into a provided bottle to be sent off to check for the presence of Naturally Occurring Hydrocarbons (as per instructions from Humble Geochemical Services).
  - f. Continue to stay rigged up and wait for the water analysis to come back to confirm that the samples show a stabilized TDS, pH, SG, and conductivity. If samples show consistency, consider the samples to be representative of the injection zone water, otherwise continue to resample.



**RECEIVED** May 25, 2010

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Gas Well   | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

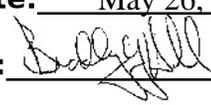
| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |  |
|---|--|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>5/27/2010 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                       |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                    |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> <b>CONVERT WELL TYPE</b> |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                    |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                           |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION      |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON                   |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                      |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                       |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input type="checkbox"/> OTHER                          | OTHER: _____   |

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

THE OPERATOR REQUESTS AUTHORIZATION TO CONVERT THIS WELL TO A SWD MONITOR WELL. THE OPERATOR WILL PLUG AND ABANDON THE WELL UP TO THE BIRD'S NEXT FORMATION AND THEN CONVERT THE WELL TO A SWD MONITOR WELL. PLEASE SEE THE ATTACHED DOCUMENT FOR THE P&A/CONVERSION PROCEDURE.

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

Date: May 26, 2010

By: 

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>5/25/2010           |

**NBU 921-330 Conversion to SWD Monitor Well**  
**SWSE-Section 33 – T9S – R21E**  
**Uintah County, UT**  
**4/28/2010**

**KBE:** 5053'  
**GLE:** 5029'  
**TD:** 9696'  
**PBTD:** 9651'

**API NUMBER:** 43-047-36499  
**LEASE NUMBER:** ML-22446  
**WINS #:** 93639  
**WI:** 100.00000%  
**NRI:** 80.994445%

**CASING:** 12 1/4" hole  
 9 5/8", 32.3# H-40 & 36# J-55 ST&C @ 2754'  
 Cement w/ 620 sxs class G (two top jobs), TOC @ surface

7.875" hole  
 4 1/2" 11.6# N-80 @ 9696'  
 Cement w/ 566 sxs Prem lite II, tail 1264 sxs 50/50 Poz, Cmt circ to surf\*  
 See cement report dated 6/14/2007  
 TOC @ surface

**TUBING:** 2 3/8" 4.7# J-55 Tbg @ 5775' with no SN in the well

**TUBULAR PROPERTIES:**

|                                  | BURST<br>(psi) | COLLAPSE<br>(psi) | DRIFT DIA.<br>(in.) | CAPACITIES |          |
|----------------------------------|----------------|-------------------|---------------------|------------|----------|
|                                  |                |                   |                     | (bbl/ft)   | (gal/ft) |
| 2 3/8" 4.7# J-55<br>tbg          | 7,700          | 8,100             | 1.901"              | 0.00387    | 0.1624   |
| 4 1/2" 11.6# I-80<br>(See above) | 7780           | 6350              | 3.875"              | 0.0155     | 0.6528   |
| 2 3/8" by 4 1/2"<br>Annulus      |                |                   |                     | 0.0101     | 0.4227   |

**GEOLOGIC INFORMATION:**

| <b>Formation</b>  | <b>Depth to top, ft.</b> |
|-------------------|--------------------------|
| Uinta             | Surface                  |
| Green River       | 1499'                    |
| Bird's Nest       | 1804'                    |
| Mahogany          | 2276'                    |
| Base of Parachute | 3164'                    |
| Wasatch           | 4878'                    |

**Tech. Pub. #92 Base of USDW's**

USDW Elevation 1200' MSL  
 USDW Depth 3853' KBE

**PERFORATIONS:**

| Zones     | Perforations |            | SPF | Holes | Status |
|-----------|--------------|------------|-----|-------|--------|
|           | Top, ft      | Bottom, ft |     |       |        |
| Wasatch   | 5941         | 5945       | 4   | 16    | Open   |
| Wasatch   | 5950         | 5954       | 4   | 16    | Open   |
| Wasatch   | 6187         | 6190       | 4   | 12    | Open   |
| Wasatch   | 6349         | 6353       | 4   | 16    | Open   |
| Wasatch   | 6369         | 6372       | 4   | 12    | Open   |
| Wasatch   | 7344         | 7346       | 4   | 8     | Open   |
| Wasatch   | 7430         | 7434       | 4   | 16    | Open   |
| Wasatch   | 7457         | 7460       | 4   | 12    | Open   |
| Wasatch   | 7608         | 7610       | 4   | 8     | Open   |
| Mesaverde | 8023         | 8026       | 4   | 12    | Open   |
| Mesaverde | 8073         | 8075       | 4   | 8     | Open   |
| Mesaverde | 8115         | 8118       | 4   | 12    | Open   |
| Mesaverde | 8187         | 8190       | 4   | 12    | Open   |
| Mesaverde | 8331         | 8334       | 4   | 12    | Open   |
| Mesaverde | 8374         | 8376       | 4   | 8     | Open   |
| Mesaverde | 8420         | 8423       | 4   | 12    | Open   |
| Mesaverde | 8493         | 8496       | 4   | 12    | Open   |
| Mesaverde | 9200         | 9203       | 4   | 12    | Open   |
| Mesaverde | 9418         | 9425       | 4   | 28    | Open   |

**WELL HISTORY:**

- Spud Well 6/1/07, TD'd 6/12/80
- 07/10/07 – Frac'd Wasatch & MV intervals w/ 10,799 bbls SW & 370,560# 30/50 sand

**Slickline Work – March 2008**

- Scratched and broached , lots of scale form 5100'-5685'.

**Slickline Work – November 2009**

- RIH w/ JDC, could not get down past 5223'. Ran scratcher to EOT and bailer down to 9671', but broach would only go down to 4569' (EOT @ 5775', w/ no SN in the well).

## NBU 921-330 Convert to a SWD Monitor well Procedure

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

### PROCEDURE

**Note: An estimated 106 SXS Class "G" cement needed for procedure**

**Note: No Gyro has been run on this well, but don't believe we need to.**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. TOOH W/ TBG. DEPENDING ON CONDITION OF TUBING EITHER RU WIRELINE AND MAKE A GAUGE RING RUN TO 5950 OR PU MILL TO RIH TO 5950'.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5941' – 9425')**: RIH W/ A CIBP AND SET @ 5900'. BRK CIRC W/ FRESH WATER. DISPLACE 9 CUFT. (~8 SXS) ON TOP OF PLUG. PUH ABOVE TOC (~5800', 100' COVERAGE). REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
4. **PLUG #2, PROTECT WASATCH TOP (4878')**: PUH TO 4978'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~4778' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
5. **PLUG #3, PROTECT USDW (3853') & BASE OF PARACHUTE MEMBER (~3164')**: PUH TO ~3953'. BRK CIRC W/ FRESH WATER. DISPLACE 77.52 CUFT. (~68 SXS) AND BALANCE PLUG W/ TOC @ ~3064' (889' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
6. **PLUG #4, PROTECT MAHOGANY TOP (2276')**: PUH TO ~2376'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~2176' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE WITH T-MAC WATER.
7. **Birds Nest Sampling:** SEE ATTACHED BIRD'S NEST WATER SAMPLING PROCEDURE TO OBTAIN A **FLUID LEVEL, DOWNHOLE TEMPERATURE, AND A WATER SAMPLE** FROM 1915'-1925'.

8. FOLLOWING THE SAMPLING OF THE WELL, IT WILL BE CONVERTED TO A SWD MONITORING. LAND TUBING AT  $\pm$  THE TOP OF THE ABOVE PERFORATIONS.

9. RDMO.

RBM 5/2010

## INJECTION ZONE WATER SAMPLING FOR SWD WELLS

1. If workover fluid has been pumped into the well for corrective action requirements (i.e. squeeze work, RAT's test, etc) near the proposed injection interval, get an accurate record of the volume pumped to account for and also obtain a sample of the workover fluid for reference purposes.
2. RIH with tubing to the  $\pm$ top of the proposed perforated interval (**1915'**). Rig up swab equipment and swab the fluid level to 500' above proposed perforated interval so the well can be perforated under-balanced.
3. POOH with the tubing
4. RIH and under-balance perforate the proposed interval (**1915'-1925'**) with the appropriate sized guns. POOH with the perforating guns.
5. RIH with tubing to the  $\pm$ top of the perforated interval
6. RIH and obtain a static fluid level and a bottom hole temperature at the mid point of perfs.
7. R/U to Swab or Nitrogen lift the well to get a representative fluid sample of the injection interval. NOTE: It may be necessary to break-down and/or acidize the perforations in order obtain adequate fluid entry into the wellbore.
  - a. Have a chemical company representative on location to take regular samples and monitor chlorides, potassium, and pH of the water.
  - b. Document field readings of Load Water Volume to Recover, Time, Volume of Fluid Recovered, Chlorides, pH during the entire field sampling process. (See Attached Table.)
  - c. Continue Swabbing or nitrogen lifting the well until all fluid that has been put into the well from corrective action operations has been accounted for.  
NOTE: A minimum of twice the volume of load water will be produced back from the well prior to sampling.
  - d. Once the chlorides, potassium, and pH have stabilized and look to be representative of the injection zone interval, take three last successive samples (plus selected previous samples for comparisons) in for complete water analysis to measure for TDS, pH, SG, and conductivity.
  - e. Collect one additional sample and put into a provided bottle to be sent off to check for the presence of Naturally Occurring Hydrocarbons (as per instructions from Humble Geochemical Services).
  - f. Continue to stay rigged up and wait for the water analysis to come back to confirm that the samples show a stabilized TDS, pH, SG, and conductivity. If samples show consistency, consider the samples to be representative of the injection zone water, otherwise continue to resample.



**RECEIVED** May 25, 2010

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Gas Well   | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |  |
|---|--|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>5/27/2010 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                       |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                    |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> <b>CONVERT WELL TYPE</b> |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                    |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                           |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION      |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON                   |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                      |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                       |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input type="checkbox"/> OTHER                          | OTHER: _____   |

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

THE OPERATOR REQUESTS AUTHORIZATION TO CONVERT THIS WELL TO A SWD MONITOR WELL. THE OPERATOR WILL PLUG AND ABANDON THE WELL UP TO THE BIRD'S NEXT FORMATION AND THEN CONVERT THE WELL TO A SWD MONITOR WELL. PLEASE SEE THE ATTACHED DOCUMENT FOR THE P&A/CONVERSION PROCEDURE.

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

**Date:** June 10, 2010

**By:** *Derek [Signature]*

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>5/25/2010           |



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047364990000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 3. Sundry notice should be submitted and approved for final P&A once monitoring is completed.**
- 4. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 5. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 6. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

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

**Date:** June 10, 2010  
**By:** Dustin Doucet

**NBU 921-330 Conversion to SWD Monitor Well**

**SWSE-Section 33 – T9S – R21E**

**Uintah County, UT**

**4/28/2010**

**KBE:** 5053'  
**GLE:** 5029'  
**TD:** 9696'  
**PBTD:** 9651'

**API NUMBER:** 43-047-36499  
**LEASE NUMBER:** ML-22446  
**WINS #:** 93639  
**WI:** 100.00000%  
**NRI:** 80.994445%

**CASING:** 12 1/4" hole  
9 5/8", 32.3# H-40 & 36# J-55 ST&C @ 2754'  
Cement w/ 620 sxs class G (two top jobs), TOC @ surface

7.875" hole  
4 1/2" 11.6# N-80 @ 9696'  
Cement w/ 566 sxs Prem lite II, tail 1264 sxs 50/50 Poz, Cmt circ to surf\*  
See cement report dated 6/14/2007  
TOC @ surface

**TUBING:** 2 3/8" 4.7# J-55 Tbg @ 5775' with no SN in the well

**TUBULAR PROPERTIES:**

|                                  | BURST<br>(psi) | COLLAPSE<br>(psi) | DRIFT DIA.<br>(in.) | CAPACITIES |          |
|----------------------------------|----------------|-------------------|---------------------|------------|----------|
|                                  |                |                   |                     | (bbl/ft)   | (gal/ft) |
| 2 3/8" 4.7# J-55<br>tbg          | 7,700          | 8,100             | 1.901"              | 0.00387    | 0.1624   |
| 4 1/2" 11.6# I-80<br>(See above) | 7780           | 6350              | 3.875"              | 0.0155     | 0.6528   |
| 2 3/8" by 4 1/2"<br>Annulus      |                |                   |                     | 0.0101     | 0.4227   |

**GEOLOGIC INFORMATION:**

| <b>Formation</b>  | <b>Depth to top, ft.</b> |
|-------------------|--------------------------|
| Uinta             | Surface                  |
| Green River       | 1499'                    |
| Bird's Nest       | 1804'                    |
| Mahogany          | 2276'                    |
| Base of Parachute | 3164'                    |
| Wasatch           | 4878'                    |

**Tech. Pub. #92 Base of USDW's**

USDW Elevation 1200' MSL  
USDW Depth 3853' KBE

**PERFORATIONS:**

| Zones     | Perforations |            | SPF | Holes | Status |
|-----------|--------------|------------|-----|-------|--------|
|           | Top, ft      | Bottom, ft |     |       |        |
| Wasatch   | 5941         | 5945       | 4   | 16    | Open   |
| Wasatch   | 5950         | 5954       | 4   | 16    | Open   |
| Wasatch   | 6187         | 6190       | 4   | 12    | Open   |
| Wasatch   | 6349         | 6353       | 4   | 16    | Open   |
| Wasatch   | 6369         | 6372       | 4   | 12    | Open   |
| Wasatch   | 7344         | 7346       | 4   | 8     | Open   |
| Wasatch   | 7430         | 7434       | 4   | 16    | Open   |
| Wasatch   | 7457         | 7460       | 4   | 12    | Open   |
| Wasatch   | 7608         | 7610       | 4   | 8     | Open   |
| Mesaverde | 8023         | 8026       | 4   | 12    | Open   |
| Mesaverde | 8073         | 8075       | 4   | 8     | Open   |
| Mesaverde | 8115         | 8118       | 4   | 12    | Open   |
| Mesaverde | 8187         | 8190       | 4   | 12    | Open   |
| Mesaverde | 8331         | 8334       | 4   | 12    | Open   |
| Mesaverde | 8374         | 8376       | 4   | 8     | Open   |
| Mesaverde | 8420         | 8423       | 4   | 12    | Open   |
| Mesaverde | 8493         | 8496       | 4   | 12    | Open   |
| Mesaverde | 9200         | 9203       | 4   | 12    | Open   |
| Mesaverde | 9418         | 9425       | 4   | 28    | Open   |

**WELL HISTORY:**

- Spud Well 6/1/07, TD'd 6/12/80
- 07/10/07 – Frac'd Wasatch & MV intervals w/ 10,799 bbls SW & 370,560# 30/50 sand

**Slickline Work – March 2008**

- Scratched and broached , lots of scale form 5100'-5685'.

**Slickline Work – November 2009**

- RIH w/ JDC, could not get down past 5223'. Ran scratcher to EOT and bailer down to 9671', but broach would only go down to 4569' (EOT @ 5775', w/ no SN in the well).

## NBU 921-330 Convert to a SWD Monitor well Procedure

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

### PROCEDURE

**Note: An estimated 106 SXS Class "G" cement needed for procedure**

**Note: No Gyro has been run on this well, but don't believe we need to.**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. TOOH W/ TBG. DEPENDING ON CONDITION OF TUBING EITHER RU WIRELINE AND MAKE A GAUGE RING RUN TO 5950 OR PU MILL TO RIH TO 5950'.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5941' – 9425')**: RIH W/ A CIBP AND SET @ 5900'. BRK CIRC W/ FRESH WATER. DISPLACE 9 CUFT. (~8 SXS) ON TOP OF PLUG. PUH ABOVE TOC (~5800', 100' COVERAGE). REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
4. **PLUG #2, PROTECT WASATCH TOP (4878')**: PUH TO 4978'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~4778' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
5. **PLUG #3, PROTECT USDW (3853') & BASE OF PARACHUTE MEMBER (~3164')**: PUH TO ~3953'. BRK CIRC W/ FRESH WATER. DISPLACE 77.52 CUFT. (~68 SXS) AND BALANCE PLUG W/ TOC @ ~3064' (889' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
6. **PLUG #4, PROTECT MAHOGANY TOP (2276')**: PUH TO ~2376'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~2176' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE WITH T-MAC WATER.
7. **Birds Nest Sampling:** SEE ATTACHED BIRD'S NEST WATER SAMPLING PROCEDURE TO OBTAIN A **FLUID LEVEL, DOWNHOLE TEMPERATURE, AND A WATER SAMPLE** FROM 1915'-1925'.

8. FOLLOWING THE SAMPLING OF THE WELL, IT WILL BE CONVERTED TO A SWD MONITORING. LAND TUBING AT  $\pm$  THE TOP OF THE ABOVE PERFORATIONS.

9. RDMO.

RBM 5/2010

## INJECTION ZONE WATER SAMPLING FOR SWD WELLS

1. If workover fluid has been pumped into the well for corrective action requirements (i.e. squeeze work, RAT's test, etc) near the proposed injection interval, get an accurate record of the volume pumped to account for and also obtain a sample of the workover fluid for reference purposes.
2. RIH with tubing to the  $\pm$ top of the proposed perforated interval (**1915'**). Rig up swab equipment and swab the fluid level to 500' above proposed perforated interval so the well can be perforated under-balanced.
3. POOH with the tubing
4. RIH and under-balance perforate the proposed interval (**1915'-1925'**) with the appropriate sized guns. POOH with the perforating guns.
5. RIH with tubing to the  $\pm$ top of the perforated interval
6. RIH and obtain a static fluid level and a bottom hole temperature at the mid point of perfs.
7. R/U to Swab or Nitrogen lift the well to get a representative fluid sample of the injection interval. NOTE: It may be necessary to break-down and/or acidize the perforations in order obtain adequate fluid entry into the wellbore.
  - a. Have a chemical company representative on location to take regular samples and monitor chlorides, potassium, and pH of the water.
  - b. Document field readings of Load Water Volume to Recover, Time, Volume of Fluid Recovered, Chlorides, pH during the entire field sampling process. (See Attached Table.)
  - c. Continue Swabbing or nitrogen lifting the well until all fluid that has been put into the well from corrective action operations has been accounted for.  
NOTE: A minimum of twice the volume of load water will be produced back from the well prior to sampling.
  - d. Once the chlorides, potassium, and pH have stabilized and look to be representative of the injection zone interval, take three last successive samples (plus selected previous samples for comparisons) in for complete water analysis to measure for TDS, pH, SG, and conductivity.
  - e. Collect one additional sample and put into a provided bottle to be sent off to check for the presence of Naturally Occurring Hydrocarbons (as per instructions from Humble Geochemical Services).
  - f. Continue to stay rigged up and wait for the water analysis to come back to confirm that the samples show a stabilized TDS, pH, SG, and conductivity. If samples show consistency, consider the samples to be representative of the injection zone water, otherwise continue to resample.



**RECEIVED** May 25, 2010

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Gas Well   | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION   | TYPE OF ACTION   |   |   |
|--|--|---|---|
| <input type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:                | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:<br>7/8/2010 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:   | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:                                      | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|  | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|  | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="SWD MONITOR CONV"/>    |

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

THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS OF THIS WELL'S PRODUCING FORMATIONS (WASATCH/MESAVERDE). THE OPERATOR HAS PERFORATED THE BIRD'S NEST FORMATION AND WATER SAMPLES WERE TAKEN AND ANALYZED. THIS WELL HAS NOW BEEN CONVERTED TO A SWD MONITOR WELL. PER RECOMENDATION OF THE OPERATOR AND THE EPA, THIS WELL IS BEING CONVERTED TO A SWD MONITOR WELL IN ORDER TO MONITOR INJECTION INTO THE BIRD'S NEST FORMATION. THE OPERATOR REQUESTS THAT THE FINAL PLUG AND ABANDONMENT OPERATIONS BE POSTPONED UNTIL MONITORING OPERATIONS ARE COMPLETE. PLEASE SEE THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 26, 2010

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>8/26/2010           |

**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 921-330

Spud Date: 6/3/2007

Project: UTAH-UINTAH

Site: NBU 921-330

Rig Name No: LEED 733/733

Event: RECOMPL/RESEREVEADD

Start Date: 6/14/2010

End Date: 7/8/2010

Active Datum: RKB @5,052.99ft (above Mean Sea Leve

UWI: NBU 921-330

| Date      | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD From (ft) | Operation   |
|-----------|----------------|---------------|--------|------|----------|-----|--------------|---|
| 6/30/2010 | 8:00 - 10:00   | 2.00          | WO/REP | 30   | A        | P   |              | ROAD RIG FROM NBU 263 TO LOC, MIRU, BLOW WELL DN TO TK, PUMP 20 BBLS WTR DN TBG AND 30 BBLS DN CSG KILLING WELL, N/D WH, N/U BOPS AND TBG EQUIP,  |
|           | 10:00 - 13:30  | 3.50          | WO/REP | 31   | I        | P   |              | R/U SCAN TECH, TOO H W/ 2 3/8" TBG SCAN TBG OUT, 86 JTS YELLOW BAND TBG, 101 JTS RED BAND TBG, TOTAL 187 JTS 2 3/8" J-55 TBG.   |
|           | 13:30 - 14:30  | 1.00          | WO/REP | 34   | I        | P   |              | R/U CUTTER WIRELINE RIH W/ GAUGE RING TO 5750' SET DN, TRY TO WORK THRU, NO GOOD, POOH R/D WIRELINE,  |
|           | 14:30 - 17:00  | 2.50          | WO/REP | 31   | I        | P   |              | P/U 3 7/8" MILL TIH W/ 2 3/8" TBG, RIH 165 JTS 2 3/8" TBG TO @ 5115', SHUT WELL IN SDFN,  |
| 7/1/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA-SAFETY MEETING  |
|           | 6:45 - 9:15    | 2.50          | WO/REP | 31   | I        | P   |              | NO PRESSURE ON WELL, TIH W/ 2 3/8" TBG W/ MILL OFF SCALE, C/O TO @ 5950', TOO H W/ TBG,   |
|           | 9:15 - 10:45   | 1.50          | WO/REP | 34   | I        | P   |              | R/U CUTTER WIRELINE, RIH W/ GAUGE RING TO 5940', POOH, RIH CIBP SET CIBP @ 5900', R/D WIRELINE,   |
|           | 10:45 - 14:30  | 3.75          | WO/REP | 31   | I        | P   |              | P/U NOTCH COLLER, TIH W/ 2 3/8" TBG TO 5900', CIRC WELL W/ 100 BBLS T-MAC WTR, PRESSURE TEST CSG AND CIBP TO 1000#, OK, SHUT WELL IN SDFN,  |
| 7/2/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA SAFETY MEETING W/ CEMENTER AND RIG CREW   |
|           | 6:45 - 14:30   | 7.75          | WO/REP | 51   | D        | P   |              | NO PRESSURE ON WELL, R/U PRO PETRO CEMENTERS, PRESSURE TEST LINE TO 2000#, ( PLUG #1 ) MIX AND PUMP 10 SACKS CEMENT W/ SPOTTING CEMENT @ 5900' TO 5764', P/O LAYED DN 4 JTS ON TRAILER, REVERSE TBG OUT W/ TRACE CEMENT, SPOT 12.3 BBLS BRINE WTR, P/O LAY DN 25 JTS ON TRAILER,<br><br>( PLUG # 2 ) MIX AND PUMP 15 SACKS CEMENT W/ SPOTTING CEMENT @ 4978' TO 4774', P/O LAY DN 6 JTS ON TRAILER, REVERSE OUT TBG W/ GETTING @ TRACE OF CEMENT, SPOT 12.6 BBLS BRINE WTR, P/O LAY 25 JTS ON TRAILER,<br><br>( PLUG #3 ) MIX AND PUMP 68 SACKS CEMENT W/ SPOTTING CEMENT @ 3963' TO 3035', P/O LAY DN 29 JTS ON TRAILER, REVERSE OUT TBG W/ GETTING @ TRACE OF CEMENT BACK, SPOT 10.2 BBLS BRINE WTR, P/O LAY DN 21 JTS ON TRAILER,<br><br>( PLUG # 4 ) MIX AND PUMP 15 SACKS OF CEMENT W/ SPOTTING CEMENT @ 2377' TO 2164', P/O LAY DN 7 JTS ON TRAILER, REVERSE OUT TBG W/ GETTING @ TRACE CEMENT BACK, P/O LAY DN 9 JTS ON TRAILER, R/D CEMENTERS,<br><br>TOOH W 61 JTS, FILL CSG W/ WTR, SHUT WELL IN SDFWE, |
| 7/6/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA- EWL (LOGGING / PERF)   |
|           | 6:45 - 9:00    | 2.25          | WO/REP | 41   | C        | P   |              | SICP 0. MIRU PLS. RUN TEMP SURVEY LOG. (SET DOWN 2150') RDMO PLS.   |

**US ROCKIES REGION  
Operation Summary Report**

|  |  |                       |                           |
|--|--|-----------------------|---------------------------|
| Well: NBU 921-330                                  |  | Spud Date: 6/3/2007   |                           |
| Project: UTAH-UINTAH                               |  | Site: NBU 921-330     | Rig Name No: LEED 733/733 |
| Event: RECOMPL/RESEREVEADD                         |  | Start Date: 6/14/2010 | End Date: 7/8/2010        |
| Active Datum: RKB @5,052.99ft (above Mean Sea Leve |  | UWI: NBU 921-330      |                           |

| Date      | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD From (ft) | Operation   |
|-----------|----------------|---------------|--------|------|----------|-----|--------------|---|
|           | 9:00 - 9:45    | 0.75          | WO/REP | 31   | I        | P   |              | MU NOTCHED 1.87" XN AND RIH W/ 72-JTS TOTAG CMT AT 2210'. LD 1 JT. HAVE 71-JTS IN, EOT AT 2190'. RU SANDLINE.   |
|           | 9:45 - 9:45    | 0.00          | WO/REP | 42   | B        | P   |              | MAKE 5 SWAB RUNS. IFL SURFACE, FFL 1450'. PULLED 22.5 BBLs OUT. RD SANDLINE.  |
|           | 9:45 - 11:30   | 1.75          | WO/REP | 31   | I        | P   |              | POOH W/ 71-JTS TBG. ND STRIPPING HEAD.  |
|           | 11:30 - 13:00  | 1.50          | WO/REP | 37   | C        | P   |              | MIRU CUTTERS. RIH W/ 3-1/8" EXP GUN (23 GRAM, .35 EHD, 33" PENT, 4 SPF ON 90*) AND PERF OH DEPTH 1915' - 25'. RDMO CUTTERS.   |
|           | 13:00 - 14:00  | 1.00          | WO/REP | 31   | I        | P   |              | RIH W/ NOTCHED 1.87" XN ON 61-JTS 2-3/8" J-55 TBG. LAND HANGER W/ EOT AT 1899'. RD FLOOR. ND BOP. NU WH. RU FLOOR. RU SANDLINE.   |
|           | 14:00 - 16:30  | 2.50          | WO/REP | 42   | B        | P   |              | MAKE 12 MORE SWAB RUNS. IFL 1600', FFL 1820'. RECOVERED 2-1/2 BBL AFTER PERF. TOT RECOVERED FOR DAY 25 BBL, NEED 26.6 BBL FOR VOLUMES. SDFN   |
| 7/7/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA- SWABBING   |
|           | 6:45 - 14:30   | 7.75          | WO/REP | 42   | B        | P   |              | SITP 5, SICP 5. CONT SWABBING MAKING 1/2 HR RUNS. THEN HRLY RUNS. MADE 14 RUNS TODAY. IFL 1850', FFL 1875'. (GETTING 1-2 GAL BACK ON EACH RUN) RECOVERED .225 BBL TODAY. TOTAL RECOVERED 25.23 BBL OF 26.6 BBL. 1.375 BBL LEFT. SDFN. |
| 7/8/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA- SWABBING. RDSU.  |
|           | 6:45 - 8:00    | 1.25          | WO/REP | 42   | B        | P   |              | SITP 5, SICP 5. CONT TO SWAB BIRD'S NEST. MADE 4 RUNS. IFL 1875', FFL 1880. NO FLUID ENTRY OVERNIGHT. 1-2 GAL RECOVER ON RUNS.  |
|           | 8:00 - 9:00    | 1.00          | WO/REP | 30   | C        | P   |              | RD SWAB. RACK OUT EQUIP. RDSU AND MOVE OFF.   |
| 8/16/2010 | -              |               |        |      |          |     |              | Swab report for NBU 921-330, 8-16-10<br><br>Beginning F.L 750 Ending F.L. 1000<br>Beginning T. P. 450 Ending T. P. 0<br>Beginning C. P. 380 Ending C. P. 0<br><br>Recovered 7.34 bbls<br><br>Day Cost: \$1,140.00                     |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>12/7/2010 | <input type="checkbox"/> ACIDIZE                                  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS                 | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS                       | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                                   | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE                          | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME               | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                            | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                            | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION               | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="SWD Monitor Well"/>    |

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

The operator requests approval to add additional perforations to the Bird's Nest formation in this SWD monitor well. Possible breakdown and more swabbing and sampling would follow. Please see the attached wellbore diagram for proposed and existing perforations. Thank you.

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

Date: 12/06/2010  
 By: *Derek Quist*

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>12/6/2010           |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>12/7/2010 | <input type="checkbox"/> ACIDIZE                                  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS                 | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS                       | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                                   | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE                          | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME               | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                            | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                            | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION               | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="SWD Monitor Well"/>    |

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

The operator requests approval to add additional perforations to the Bird's Nest formation in this SWD monitor well. Possible breakdown and more swabbing and sampling would follow. Please see the attached wellbore diagram for proposed and existing perforations. Thank you.

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

Date: 12/06/2010  
 By: *Derek Quist*

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>12/6/2010           |

WELL: NBU 921-330  
 FIELD: NATURAL BUTTES  
 API # \_\_\_\_\_  
 LEASE #: ML-22446  
 EPA PERMIT #: \_\_\_\_\_

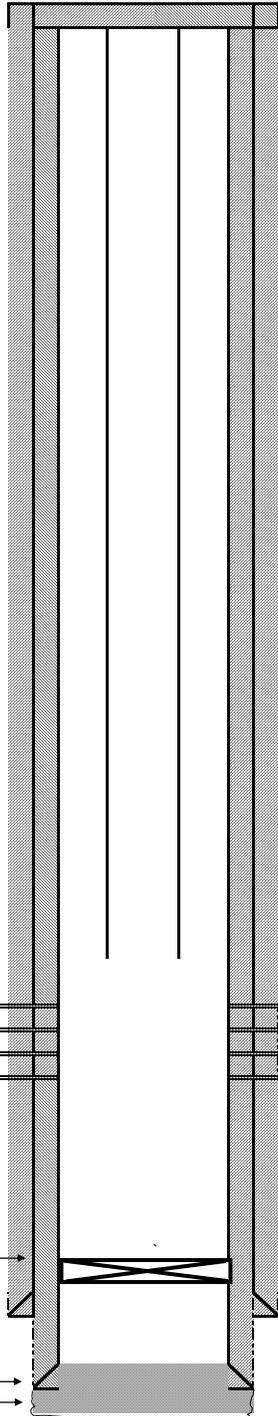
CNTY: UINTAH  
 STATE: UTAH

FT.: 927' FSL 1771' FEL  
 Q-Q: SWSE  
 SEC.: 33  
 TWS: 9S  
 RGE: 21E

## CURRENT WELLBORE DIAGRAM (7/6/2010)

KB (ft): 5053  
 GL (ft): 5029  
 TD (ft): 9696  
 PBTD (ft): 2150

TOC @ Surface



### CASING RECORD

| HOLE (in) | SIZE (in) | WT (lb/ft) | GRADE | TOP (ft) | BTM (ft) |
|-----------|-----------|------------|-------|----------|----------|
| 12.25"    | 9 5/8"    | 36         | J-55  | 0        | 2754     |
| 7.875"    | 4 1/2"    | 11.6       | N-80  | 0        | 9696     |
|           |           |            |       |          |          |
|           |           |            |       |          |          |

### TUBING RECORD

| SIZE (in) | WT (lb/ft) | GRADE | TOP (ft) | BTM (ft) | Notes         |
|-----------|------------|-------|----------|----------|---------------|
| 2.375"    | 4.7        | J-55  | 0        | 1899     | Has XN Nipple |
|           |            |       |          |          |               |
|           |            |       |          |          |               |

### PERFORATION RECORD

| ZONE        | TOP (ft) | BTM (ft) | SPF | DATE SHOT | STATUS |
|-------------|----------|----------|-----|-----------|--------|
| Bird's Nest | 1,915    | 1,925    | 4   | 07/06/10  | Open   |
|             |          |          |     |           |        |

### Proposed New Perfs per CBL 7/6/2007 (which is ±14' shallow from Open hole)

|             |      |       |   |  |  |
|-------------|------|-------|---|--|--|
| Bird's Nest | 1653 | 1,663 | 4 |  |  |
| Bird's Nest | 1714 | 1,726 | 4 |  |  |
| Bird's Nest | 1801 | 1,816 | 4 |  |  |

### Equivalent Open Hole log depths

|             |       |       |   |  |  |
|-------------|-------|-------|---|--|--|
| Bird's Nest | 1,667 | 1,677 | 4 |  |  |
| Bird's Nest | 1,728 | 1,740 | 4 |  |  |
| Bird's Nest | 1,815 | 1,830 | 4 |  |  |

Top of Green River,  
@ -1499'

Bird' Nest @ 1667'

PBTD @ 2150'

9 5/8" @ 2754'

4 1/2" 11.6#, N-80'

TD @ 9696'

Birds Nest perforations

\_\_\_\_\_

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6007 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>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<br>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<br>Date of Work Completion:<br>12/21/2010 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>Report Date:  | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="SWD MONITOR WELL"/>    |

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

The operator has concluded additional work on this SWD Monitor well. The operator has added additional perforations to the Bird's Nest formation and has treated those new perforations and collected samples. Please see the attached chronological well history for details of the operation.

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

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  |                                     | <b>DATE</b><br>1/5/2011            |

**US ROCKIES REGION  
Operation Summary Report**

Well: NBU 921-330

Spud Date: 6/3/2007

Project: UTAH-UINTAH

Site: NBU 921-330

Rig Name No: LEED 733/733

Event: RECOMPL/RESEREVEADD

Start Date: 6/14/2010

End Date: 7/8/2010

Active Datum: RKB @5,052.99ft (above Mean Sea Leve) UWI: NBU 921-330

| Date      | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD From (ft) | Operation   |
|-----------|----------------|---------------|--------|------|----------|-----|--------------|---|
| 6/30/2010 | 8:00 - 10:00   | 2.00          | WO/REP | 30   | A        | P   |              | ROAD RIG FROM NBU 263 TO LOC, MIRU, BLOW WELL DN TO TK, PUMP 20 BBLS WTR DN TBG AND 30 BBLS DN CSG KILLING WELL, N/D WH, N/U BOPS AND TBG EQUIP,  |
|           | 10:00 - 13:30  | 3.50          | WO/REP | 31   | I        | P   |              | R/U SCAN TECH, TOO H W/ 2 3/8" TBG SCAN TBG OUT, 86 JTS YELLOW BAND TBG, 101 JTS RED BAND TBG, TOTAL 187 JTS 2 3/8" J-55 TBG.   |
|           | 13:30 - 14:30  | 1.00          | WO/REP | 34   | I        | P   |              | R/U CUTTER WIRELINE RIH W/ GAUGE RING TO 5750' SET DN, TRY TO WORK THRU, NO GOOD, POOH R/D WIRELINE,  |
|           | 14:30 - 17:00  | 2.50          | WO/REP | 31   | I        | P   |              | P/U 3 7/8" MILL TIH W/ 2 3/8" TBG, RIH 165 JTS 2 3/8" TBG TO @ 5115', SHUT WELL IN SDFN,  |
| 7/1/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA-SAFETY MEETING  |
|           | 6:45 - 9:15    | 2.50          | WO/REP | 31   | I        | P   |              | NO PRESSURE ON WELL, TIH W/ 2 3/8" TBG W/ MILL OFF SCALE, C/O TO @ 5950', TOO H W/ TBG,   |
|           | 9:15 - 10:45   | 1.50          | WO/REP | 34   | I        | P   |              | R/U CUTTER WIRELINE, RIH W/ GAUGE RING TO 5940', POOH, RIH CIBP SET CIBP @ 5900', R/D WIRELINE,   |
|           | 10:45 - 14:30  | 3.75          | WO/REP | 31   | I        | P   |              | P/U NOTCH COLLER, TIH W/ 2 3/8" TBG TO 5900', CIRC WELL W/ 100 BBLS T-MAC WTR, PRESSURE TEST CSG AND CIBP TO 1000#, OK, SHUT WELL IN SDFN,  |
| 7/2/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA SAFETY MEETING W/ CEMENTER AND RIG CREW   |
|           | 6:45 - 14:30   | 7.75          | WO/REP | 51   | D        | P   |              | NO PRESSURE ON WELL, R/U PRO PETRO CEMENTERS, PRESSURE TEST LINE TO 2000#, ( PLUG #1 ) MIX AND PUMP 10 SACKS CEMENT W/ SPOTTING CEMENT @ 5900' TO 5764', P/O LAYED DN 4 JTS ON TRAILER, REVERSE TBG OUT W/ TRACE CEMENT, SPOT 12.3 BBLS BRINE WTR, P/O LAY DN 25 JTS ON TRAILER,<br><br>( PLUG # 2 ) MIX AND PUMP 15 SACKS CEMENT W/ SPOTTING CEMENT @ 4978' TO 4774', P/O LAY DN 6 JTS ON TRAILER, REVERSE OUT TBG W/ GETTING @ TRACE OF CEMENT, SPOT 12.6 BBLS BRINE WTR, P/O LAY 25 JTS ON TRAILER,<br><br>( PLUG #3 ) MIX AND PUMP 68 SACKS CEMENT W/ SPOTTING CEMENT @ 3963' TO 3035', P/O LAY DN 29 JTS ON TRAILER, REVERSE OUT TBG W/ GETTING @ TRACE OF CEMENT BACK, SPOT 10.2 BBLS BRINE WTR, P/O LAY DN 21 JTS ON TRAILER,<br><br>( PLUG # 4 ) MIX AND PUMP 15 SACKS OF CEMENT W/ SPOTTING CEMENT @ 2377' TO 2164', P/O LAY DN 7 JTS ON TRAILER, REVERSE OUT TBG W/ GETTING @ TRACE CEMENT BACK, P/O LAY DN 9 JTS ON TRAILER, R/D CEMENTERS,<br><br>TOOH W 61 JTS, FILL CSG W/ WTR, SHUT WELL IN SDFWE, |
| 7/6/2010  | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA- EWL (LOGGING / PERF)   |
|           | 6:45 - 9:00    | 2.25          | WO/REP | 41   | C        | P   |              | SICP 0. MIRU PLS. RUN TEMP SURVEY LOG. (SET DOWN 2150') RDMO PLS.   |

**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 921-330 Spud Date: 6/3/2007  
 Project: UTAH-UINTAH Site: NBU 921-330 Rig Name No: LEED 733/733  
 Event: RECOMPL/RESEREVEADD Start Date: 6/14/2010 End Date: 7/8/2010  
 Active Datum: RKB @5,052.99ft (above Mean Sea Leve) UWI: NBU 921-330

| Date       | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD From (ft) | Operation  |
|------------|----------------|---------------|--------|------|----------|-----|--------------|--|
|            | 9:00 - 9:45    | 0.75          | WO/REP | 31   | I        | P   |              | MU NOTCHED 1.87" XN AND RIH W/ 72-JTS TOTAG CMT AT 2210'. LD 1 JT. HAVE 71-JTS IN, EOT AT 2190'. RU SANDLINE.  |
|            | 9:45 - 9:45    | 0.00          | WO/REP | 42   | B        | P   |              | MAKE 5 SWAB RUNS. IFL SURFACE, FFL 1450'. PULLED 22.5 BBLs OUT. RD SANDLINE.   |
|            | 9:45 - 11:30   | 1.75          | WO/REP | 31   | I        | P   |              | POOH W/ 71-JTS TBG. ND STRIPPING HEAD.   |
|            | 11:30 - 13:00  | 1.50          | WO/REP | 37   | C        | P   |              | MIRU CUTTERS. RIH W/ 3-1/8" EXP GUN (23 GRAM, .35 EHD, 33" PENT, 4 SPF ON 90*) AND PERF OH DEPTH 1915' - 25'. RD MO CUTTERS.   |
|            | 13:00 - 14:00  | 1.00          | WO/REP | 31   | I        | P   |              | RIH W/ NOTCHED 1.87" XN ON 61-JTS 2-3/8" J-55 TBG. LAND HANGER W/ EOT AT 1899'. RD FLOOR. ND BOP. NU WH. RU FLOOR. RU SANDLINE.  |
|            | 14:00 - 16:30  | 2.50          | WO/REP | 42   | B        | P   |              | MAKE 12 MORE SWAB RUNS. IFL 1600', FFL 1820'. RECOVERED 2-1/2 BBL AFTER PERF. TOT RECOVERED FOR DAY 25 BBL, NEED 26.6 BBL FOR VOLUMES. SDFN  |
| 7/7/2010   | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA- SWABBING  |
|            | 6:45 - 14:30   | 7.75          | WO/REP | 42   | B        | P   |              | SITP 5, SICP 5. CONT SWABBING MAKING 1/2 HR RUNS. THEN HRLY RUNS. MADE 14 RUNS TODAY. IFL 1850', FFL 1875'. (GETTING 1-2 GAL BACK ON EACH RUN) RECOVERED .225 BBL TODAY. TOTAL RECOVERED 25.23 BBL OF 26.6 BBL. 1.375 BBL LEFT. SDFN.  |
| 7/8/2010   | 6:30 - 6:45    | 0.25          | WO/REP | 48   |          | P   |              | JSA- SWABBING. RDSU.   |
|            | 6:45 - 8:00    | 1.25          | WO/REP | 42   | B        | P   |              | SITP 5, SICP 5. CONT TO SWAB BIRD'S NEST. MADE 4 RUNS. IFL 1875', FFL 1880. NO FLUID ENTRY OVERNIGHT. 1-2 GAL RECOVER ON RUNS.   |
|            | 8:00 - 9:00    | 1.00          | WO/REP | 30   | C        | P   |              | RD SWAB. RACK OUT EQUIP. RDSU AND MOVE OFF.  |
| 8/16/2010  | -              |               |        |      |          |     |              | Swab report for NBU 921-330, 8-16-10<br><br>Beginning F.L 750 Ending F.L 1000<br>Beginning T. P. 450 Ending T. P. 0<br>Beginning C. P. 380 Ending C. P. 0<br><br>Recovered 7.34 bbls<br><br>Day Cost: \$1,140.00   |
| 12/16/2010 | -              |               |        |      |          |     |              | 05:30-09:00 RCTL HSM BWD LD 4 JNTS LTBG @ 1649' WITH 52 JNTS & X-NIPPLE NDBOP NUWH RD MO NBU 263 TO 921-330<br><br>NBU 921-330<br>09:00-6:00 RRTL MIRU BWD. NDWH NUBOP. SHUT DOWN FOR SAFETY INSPECTION OF RIG. UNLTBG R/U SWAB IFL @ 1850'. R/D SWAB. TOH 61 JNTS. PUMPED 10 BBLs T-MAC = FLUID LEVEL @ 1250' R/U CASED HOLE WL PERF WELL WITH 4SPF @ 1815-1830 & 1728-1740 OPEN HOLE = 1801-1816 & 1714-1726 F/ CBL LOG OF 7/6/2007. R/D WL. TIH PSN & 57 JNTS TO 1772'. R/U SWAB IFL 1200' FFL 1700'. RECOVERED 8 BBLs = 2 BBLs LEFT TO RECOVER R/D SWAB TOH TBG SWI SDFN RCTY.<br><br>COST= \$3102.00 RIG<br>\$6000.00 CASED HOLE (PERF) |

US ROCKIES REGION  
**Operation Summary Report**

|  |  |                       |                           |
|--|--|-----------------------|---------------------------|
| Well: NBU 921-330                                  |  | Spud Date: 6/3/2007   |                           |
| Project: UTAH-UINTAH                               |  | Site: NBU 921-330     | Rig Name No: LEED 733/733 |
| Event: RECOMPL/RESEREVEADD                         |  | Start Date: 6/14/2010 | End Date: 7/8/2010        |
| Active Datum: RKB @5,052.99ft (above Mean Sea Leve |  | UWI: NBU 921-330      |                           |

| Date       | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation  |
|------------|----------------|---------------|-------|------|----------|-----|--------------|--|
| 12/17/2010 | -              |               |       |      |          |     |              | 12-17-10<br>05:30-3:00 RCTL HSM BWD P/U RBP & PKR TIH TALLYING 1ST SETTING SET PLUG @ 1840' & PKR @ 1765' WAIT ON ACID R/U NALCO HSMP/3 BBLS 28% ACID PUMP TO PERFS FOLLOWED BY 7 BBLS HAD COMMUNICATION WITH TOP PERFS MOVE TOOLS 2ND SETTING PLUG @ 1778' & PKR @ 1640' P/3 BBLS 28% ACID PUMP TO PERFS FOLLOWED BY 7 BBLS = 37 BBLS TOTAL FLOW BACK 7 BBLS = 30 BBLS + 2 BBLS FROM YESTERDAY = 32 BBL LOAD TO RECOVER TOH TBG & TOOLS TIH PSN & 57 JNTS = EOT @ 1772' SWI R/U SWAB SDFN RCTY<br><br>COST = \$3535.00 RIG<br>\$3457.00 WEATHERFORD |
| 12/18/2010 | -              |               |       |      |          |     |              | 12-18-10 RCTL HSM BWD IFL 100' FFL 1650' MADE 70 RUNS RECOVERED 58.5 BBLS = 26.5 BBLS FROM FORMATION TOOK 10 SAMPLES SWI SDFWE TOOK SAMPLES TO NALCO SWAB REPORT ATTACHED  |
| 12/20/2010 | -              |               |       |      |          |     |              | 05:30-3:00 RCTL HSM BWD. IFL 300' FFL 1650'. MADE 31 RUNS RECOVERED 27 BBLS= 53.5 BBLS TOTAL FROM FORMATION. TOOK 10 SAMPLES TO NALCO SWI SDFN.<br><br>COST = \$3223.00  |
| 12/21/2010 | -              |               |       |      |          |     |              | 05:00-1:30 RCTL HSM TAG FLUID @ 300' R/D SWAB R/O PUMP & TANK TIH 4 JNTS FROM DERRICK LD 6 JNTS LTBG @ 1710' WITH 55 JNTS NDBOP NUWH RDMO SHUT DOWN UNTIL 12-27-10 WILL BE MOVING TO CIGE 80D RCTY   |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                     |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES          |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6515 Ext  |
| <b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |  |
|---|--|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>5/26/2011 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR   |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME  |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE   |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION  |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK   |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION                                |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON   |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL  |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION   |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <span style="border: 1px solid black; padding: 2px;">SWD Monitor Program</span> |

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

The subject well remains a SWD monitor well and is part of the Kerr McGee/EPA SWD monitoring well program. The operator plans on this well remaining a SWD monitor well for the next year.

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

Date: 08/16/2011

By: *Derek Quist*

|  |                                     |                                    |
|--|-------------------------------------|------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Andy Lytle | <b>PHONE NUMBER</b><br>720 929-6100 | <b>TITLE</b><br>Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                  | <b>DATE</b><br>7/14/2011            |                                    |

|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  |
| 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. |  |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446 |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>               |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES     |
| <b>PHONE NUMBER:</b><br>720 929-6514   | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330             |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S                                      | <b>9. API NUMBER:</b><br>43047364990000                    |
|  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES     |
|  | <b>COUNTY:</b><br>Uintah                                   |
|  | <b>STATE:</b><br>UTAH                                      |

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

| TYPE OF SUBMISSION   | TYPE OF ACTION   |   |   |
|--|--|---|---|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>6/4/2012 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:   | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:  | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|  | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|  | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="SWD Monitor Well"/>    |

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

The subject well remains a SWD monitor well and is part of the Kerr McGee/EPA SWD monitoring well program. The operator plans on this well remaining a SWD well for the next year.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 07, 2012

|   |                                     |                                      |
|---|-------------------------------------|--------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Jaime Scharnowske | <b>PHONE NUMBER</b><br>720 929-6304 | <b>TITLE</b><br>Regularatory Analyst |
| <b>SIGNATURE</b><br>N/A                         | <b>DATE</b><br>6/4/2012             |                                      |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                       |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>ML-22446 |
| 1. TYPE OF WELL<br>Test Well   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:               |
| 2. NAME OF OPERATOR:<br>KERR-MCGEE OIL & GAS ONSHORE, L.P.   | 7. UNIT or CA AGREEMENT NAME:<br>NATURAL BUTTES     |
| 3. ADDRESS OF OPERATOR:<br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779   | 8. WELL NAME and NUMBER:<br>NBU 921-330             |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0927 FSL 1771 FEL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S   | 9. API NUMBER:<br>43047364990000                    |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  | 9. FIELD and POOL or WILDCAT:<br>NATURAL BUTTES     |
| 10. PHONE NUMBER:<br>720 929-6514  | COUNTY:<br>UINTAH                                   |
|  | STATE:<br>UTAH                                      |

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:<br><b>6/19/2013</b> | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>Report Date:  | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="SWD Monitor Program"/> |

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

The subject well remains a SWD monitor well and is part of the Kerr McGee/EPA SWD monitoring well program. The operator plans on this well remaining a SWD well for the next year.

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

Date: July 15, 2013

By:

|                                    |                              |                                      |
|------------------------------------|------------------------------|--------------------------------------|
| NAME (PLEASE PRINT)<br>Teena Paulo | PHONE NUMBER<br>720 929-6236 | TITLE<br>Staff Regulatory Specialist |
| SIGNATURE<br>N/A                   | DATE<br>6/20/2013            |                                      |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                            |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7.UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6100<br><br><b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES        |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>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<br>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<br>Date of Work Completion:<br>9/16/2014 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>Report Date:                                       | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|  | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|  | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="MONITOR WELL"/>        |

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

The NBU 921-330 remains a monitor well for the NBU 921-33F SWD well as part of the EPA SWD monitoring well program.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 September 16, 2014

|  |                                     |                                       |
|--|-------------------------------------|---------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Doreen Green | <b>PHONE NUMBER</b><br>435 781-9758 | <b>TITLE</b><br>Regulatory Analyst II |
| <b>SIGNATURE</b><br>N/A                    | <b>DATE</b><br>9/16/2014            |                                       |

|   |               |
|---|---------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING | <b>FORM 9</b> |
| <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                  |               |
| <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  |               |
| <b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES                                      |               |
| <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |               |
| <b>9. API NUMBER:</b><br>43047364990000   |               |
| <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES                                      |               |
| <b>COUNTY:</b><br>Uintah  |               |
| <b>STATE:</b><br>UTAH   |               |

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|   |
|---|
| <b>1. TYPE OF WELL</b><br>Test Well   |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779   |
| <b>PHONE NUMBER:</b><br>720 929-6100  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S |

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

| TYPE OF SUBMISSION   | TYPE OF ACTION   |   |   |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>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<br>Date of Work Completion:<br>9/14/2015 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>Report Date:                                       | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|  | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|  | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="MONITOR WELL"/>        |

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

The NBU 921-330 remains a monitor well for the NBU 921-33F SWD well as part of the EPA SWD monitoring well program.

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

**FOR RECORD ONLY**

September 16, 2015

|  |                                     |                                       |
|--|-------------------------------------|---------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Doreen Green | <b>PHONE NUMBER</b><br>435 781-9758 | <b>TITLE</b><br>Regulatory Analyst II |
| <b>SIGNATURE</b><br>N/A                    | <b>DATE</b><br>9/14/2015            |                                       |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br><b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-22446                                      |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7.UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES           |
| <b>1. TYPE OF WELL</b><br>Test Well  | <b>8. WELL NAME and NUMBER:</b><br>NBU 921-330  |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  | <b>9. API NUMBER:</b><br>43047364990000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  | <b>PHONE NUMBER:</b><br>720 929-6456  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0927 FSL 1771 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 33 Township: 09.0S Range: 21.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES<br><br><b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>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<br>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<br>Date of Work Completion:<br>9/13/2016 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                             |
| <input type="checkbox"/> SPUD REPORT<br>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<br>Report Date:                                       | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                             |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                                    |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION               |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON                            |
|  | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                               |
|  | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                                |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input style="width:100px;" type="text" value="MONITOR WELL"/> |

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

The NBU 921-330 remains a monitor well for the NBU 921-33F SWD well as part of the EPA SWD monitoring well program.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 September 16, 2016

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