

**EOG Resources, Inc.**  
**P.O. 1910**  
**Vernal, UT 84078**

December 15, 2005

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

RE: APPLICATION FOR PERMIT TO DRILL  
NATURAL BUTTES UNIT 562-19E  
NE/NE, SEC. 19, T10S, R21E  
UINTAH COUNTY, UTAH  
LEASE NO.: ML-22792  
UTAH STATE LANDS

Enclosed please find the original and one copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Sincerely,



Ed Trotter  
Agent  
EOG Resources, Inc.

Attachments

RECEIVED  
DEC 20 2005

**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: <b>ML-22792</b>	6. SURFACE: State
1A. TYPE OF WORK:    DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL:    OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____    SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT OR CA AGREEMENT NAME: <b>NATURAL BUTTES UNIT</b>	
2. NAME OF OPERATOR: <b>EOG RESOURCES, INC.</b>			9. WELL NAME and NUMBER: <b>NATURAL BUTTES UNIT 562-19E</b>	
3. ADDRESS OF OPERATOR: <b>P.O. BOX 1815</b>		CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>	PHONE NUMBER: <b>(435) 789-0790</b>	
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>859' FNL, 859' FEL</b> <i>620676X    39.938116</i> AT PROPOSED PRODUCING ZONE: <b>SAME</b> <i>4421634Y    -103.527607</i>			10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>16 MILES SOUTHEAST OF OURAY, UTAH</b>			12. COUNTY: <b>UINTAH</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>859'</b>		16. NUMBER OF ACRES IN LEASE: <b>644</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>SEE TOPO MAP "C"</b>		19. PROPOSED DEPTH: <b>6,150</b>		20. BOND DESCRIPTION: <b>JP-0921</b>
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5118.7' GRADED GROUND</b>		22. APPROXIMATE DATE WORK WILL START: <b>1/15/2006</b>		23. ESTIMATED DURATION: <b>45 DAYS</b>

**24. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT		SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
12 1/4"	9 5/8"	J-55    36.0#	500	SEE 8 POINT PLAN	
7 7/8"	4 1/2"	J-55    11.6#	6,150	SEE 8 POINT PLAN	

**25. ATTACHMENTS**

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

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

NAME (PLEASE PRINT) Ed Trotter    TITLE Agent  
SIGNATURE *Ed Trotter*    DATE 12/15/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37534

APPROVAL:

**RECEIVED**  
**DEC 20 2005**

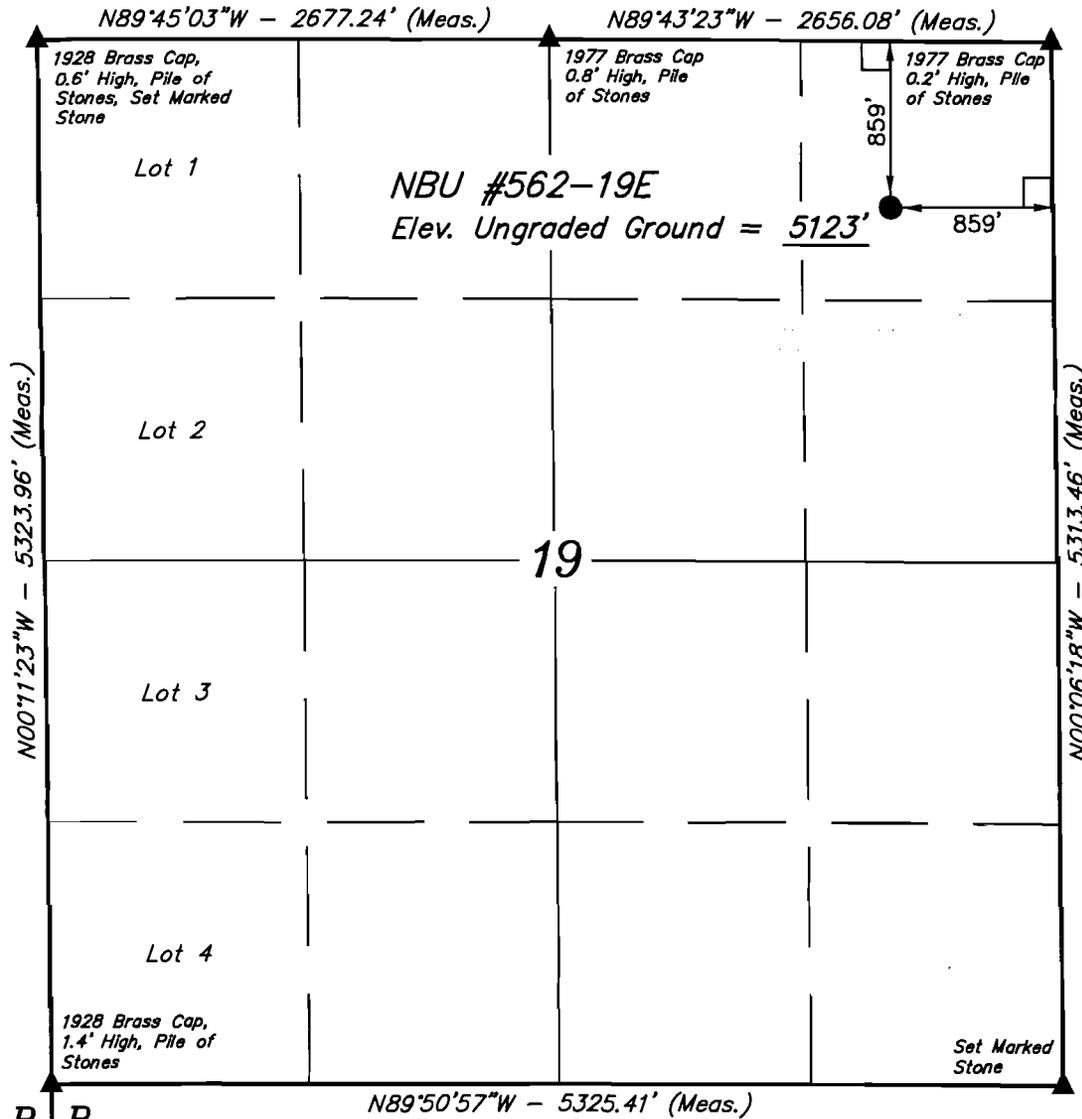
# T10S, R21E, S.L.B.&M.

## EOG RESOURCES, INC.

Well location, NBU #562-19E, located as shown in the NE 1/4 NE 1/4 of Section 19, T10S, 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.



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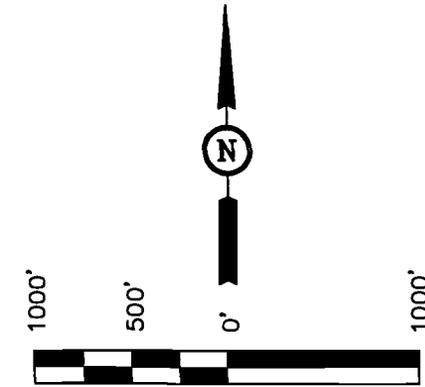
### BASIS OF BEARINGS

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

(NAD 83)  
 LATITUDE = 39°56'17.04" (39.938067)  
 LONGITUDE = 109°35'17.89" (109.588303)  
 (NAD 27)  
 LATITUDE = 39°56'17.17" (39.938103)  
 LONGITUDE = 109°35'15.41" (109.587614)

### LEGEND:

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



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.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 11-10-05	DATE DRAWN: 11-21-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
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NAME (PLEASE PRINT) Ed Trotter TITLE Agent  
SIGNATURE *Ed Trotter* DATE 12/15/2005

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API NUMBER ASSIGNED: 43-047-37534

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

**RECEIVED  
DEC 20 2005**

DIV. OF OIL, GAS & MINING

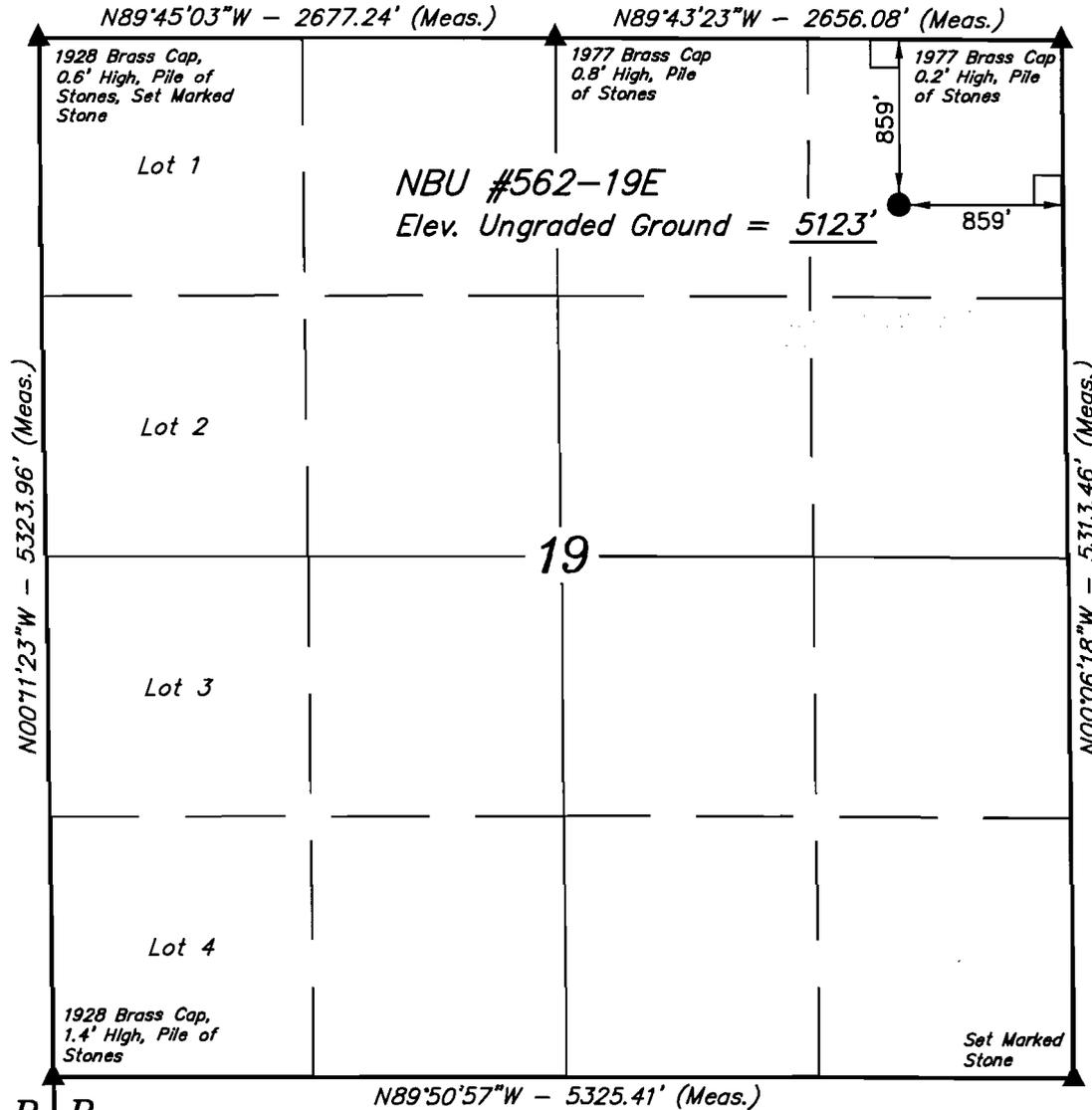
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WEATHER COOL	FILE EOG RESOURCES, INC.	

**EIGHT POINT PLAN**  
**NATURAL BUTTES UNIT 562-19E**  
**NE/NE, SEC. 19, T10S, R21E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	1,104'
Wasatch	4,363'
Chapita Wells	5,008'
Buck Canyon	5,715'

**EST. TD: 6,150' or 200' ± below North Horn Top**

**Anticipated BHP: 3,040 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:** Production Hole - 5,000 Psig  
 BOP Schematic Diagram attached.

**4. CASING PROGRAM:**

	<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
Surface	12-1/4"	0' - 500'KB±	9-5/8"	36.0#	J-55	STC	2020 Psi	3520 Psi	394,000#
Production:	7-7/8"	500'± - TD	4-1/2"	11.6#	J-55	LTC	4960 Psi	5350 Psi	162,000#

**All casing will be new or inspected.**

**5. Float Equipment:**

**Surface Hole Procedure (0 - 500' ± Below GL):**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

**Production Hole Procedure (500' ± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**EIGHT POINT PLAN**  
**NATURAL BUTTES UNIT 562-19E**  
**NE/NE, SEC. 19, T10S, R21E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**6. MUD PROGRAM:**

**Surface Hole Procedure (0 - 500' ± below GL):**

Air/air mist or aerated water

**Production Hole Procedure (500' ± - TD):**

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

**500'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

**Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations**

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

**8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.

**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (0-500' ± Below GL)**

**Lead:** Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

**Note:** **Cement volumes will be calculated to bring cement to surface.**

**EIGHT POINT PLAN**  
**NATURAL BUTTES UNIT 562-19E**  
**NE/NE, SEC. 19, T10S, R21E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**CEMENT PROGRAM (Continued):**

**Production Hole Procedure (500' ± to TD)**

**Lead:** 260 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19 gps water.

**Tail:** 395 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.  
**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 500'±):**

Lost circulation

**Production Hole (500'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or 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.

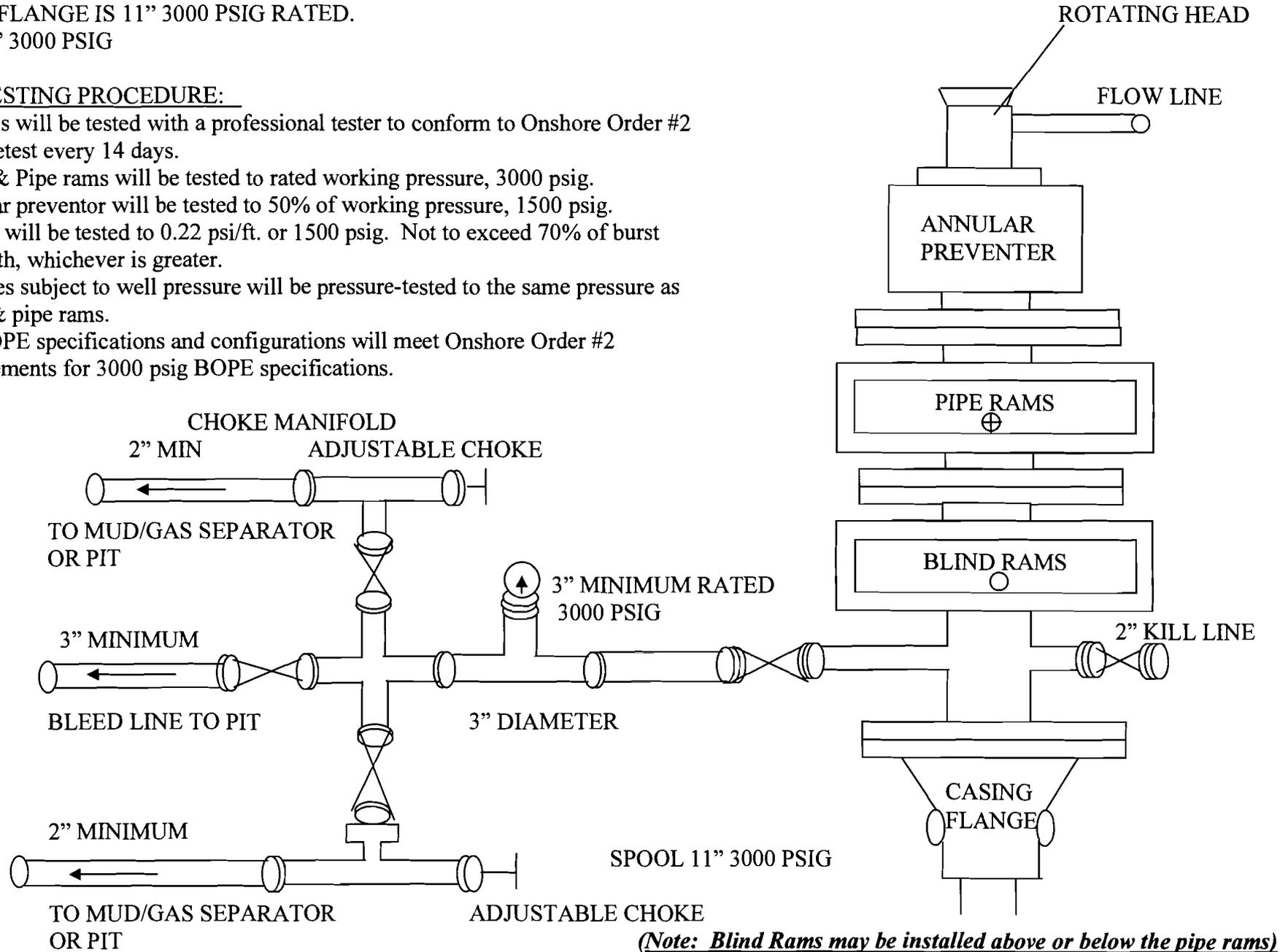
(Attachment: BOP Schematic Diagram)

### 3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.  
 CASING FLANGE IS 11" 3000 PSIG RATED.  
 BOPE 11" 3000 PSIG

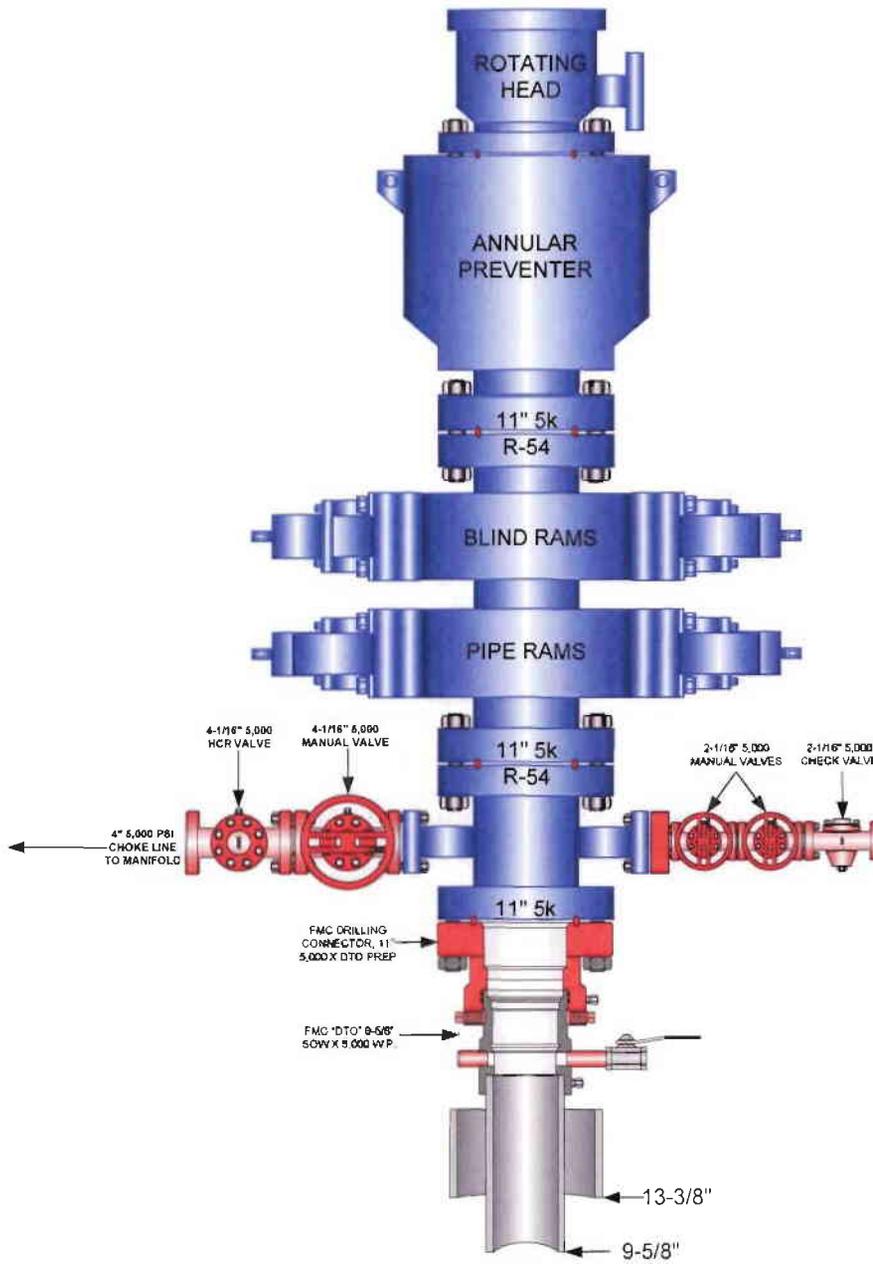
#### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



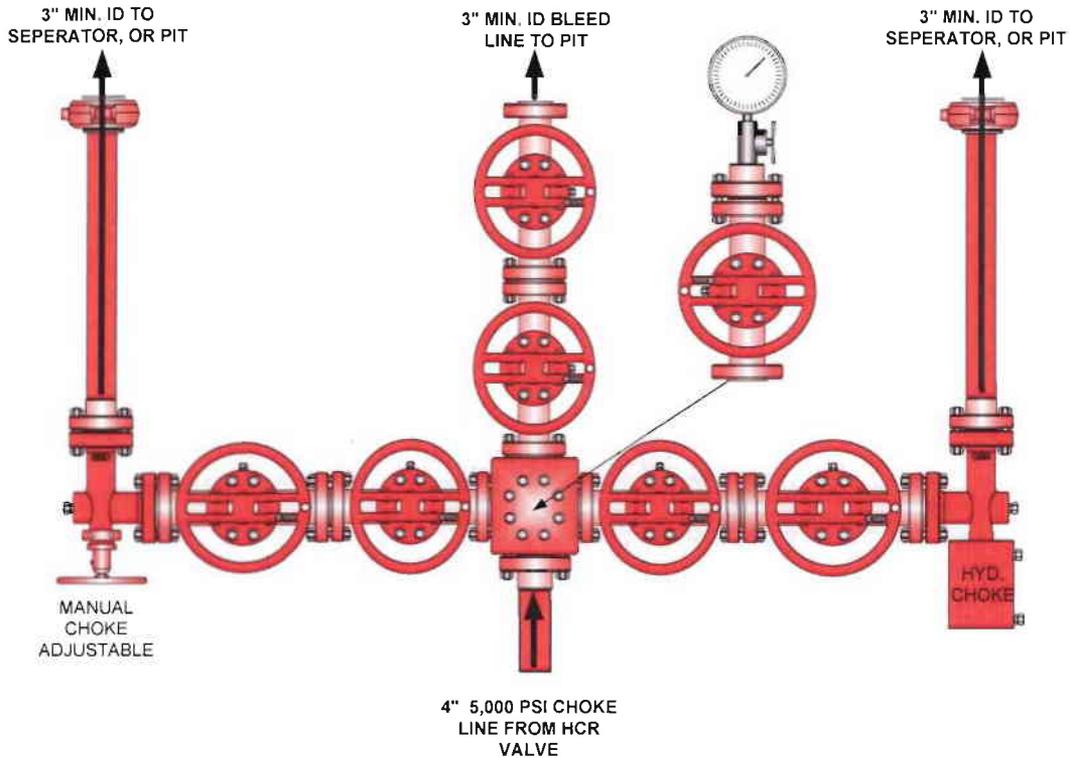
*(Note: Blind Rams may be installed above or below the pipe rams)*

**EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION**



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
4. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.  
Well Name & Number: Natural Buttes Unit 562-19E  
Lease Number: ML-22792  
Location: 859' FNL & 859' FEL, NE/NE, Sec. 19,  
T10S, R21E, S.L.B.&M.,  
Uintah County, Utah  
  
Surface Ownership: STATE OF UTAH

**NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## **THIRTEEN POINT SURFACE USE PROGRAM**

### **1. EXISTING ROADS**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 16 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### **2. PLANNED ACCESS ROAD**

- A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

- A. Abandoned wells - 2\*
- B. Producing wells - 5\*
- C. Shut in wells - 1\*

(\*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
- 2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 1858' from proposed location to a point in the NE/NE of Section 19, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Natural Buttes Unit, thus a Right-of-Way grant will not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Northwest side of the location.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
  - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
  - 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

8. **ANCILLARY FACILITIES**

A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the South side of the location. The flare pit will be located downwind of the prevailing wind direction on the Southwest side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored from Corner #1 to West of Corner #7, as well as Southeast of Corner #6.

Access to the well pad will be from the Southeast.

Corner #8 will be rounded off to minimize excavation.

**FENCING REQUIREMENTS:**

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

- A. Thirty-nine inch net wire shall 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).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

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

## 10. PLANS FOR RESTORATION OF SURFACE

### A. PRODUCING LOCATION

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

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

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

## 11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

## 12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

**LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

**PERMITTING AGENT**

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone: (435)789-4120  
Fax: (435)789-1420

**DRILLING OPERATIONS**

Donald Presenkowski  
EOG Resources, Inc.  
P.O. Box 250  
Big Piney, WY 83113  
Telephone: (307)276-4865

All lease 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 approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

**Certification**

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

12-15-2005  
Date

Ed Trotter  
Agent

# **EOG RESOURCES, INC.**

**NBU #562-19E**

**SECTION 19, T10S, 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 11.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; FOLLOW ROAD IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.0 MILES.**

# EOG RESOURCES, INC.

## NBU #562-19E

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 19, T10S, R21E, S.L.B.&M.

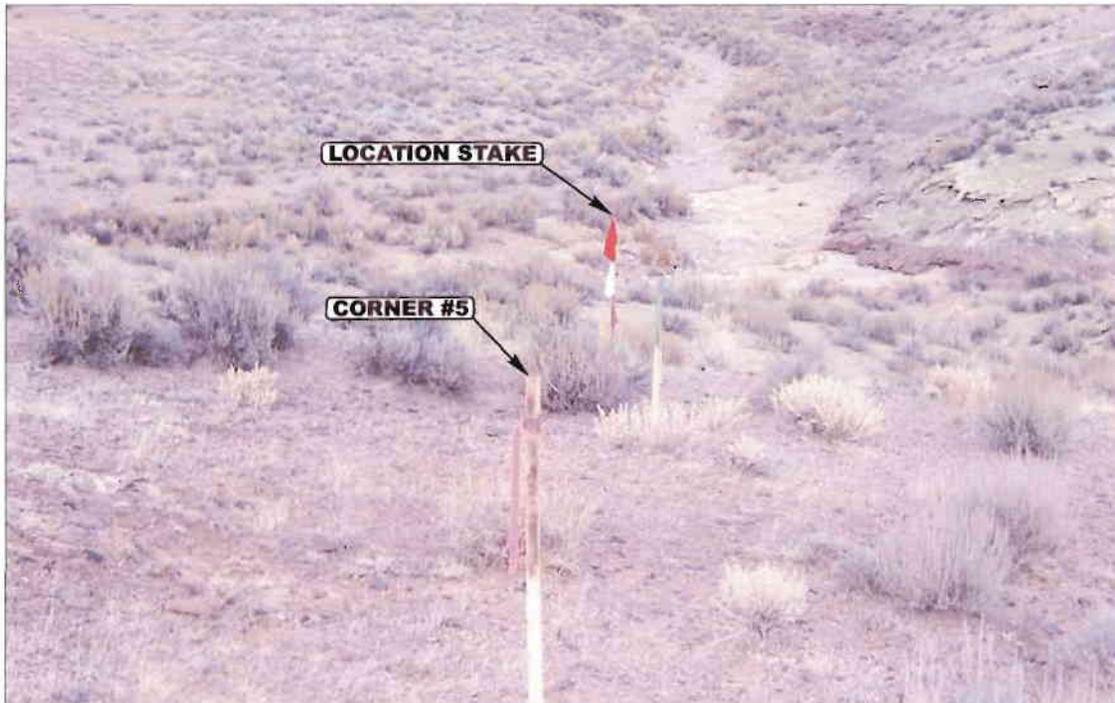


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

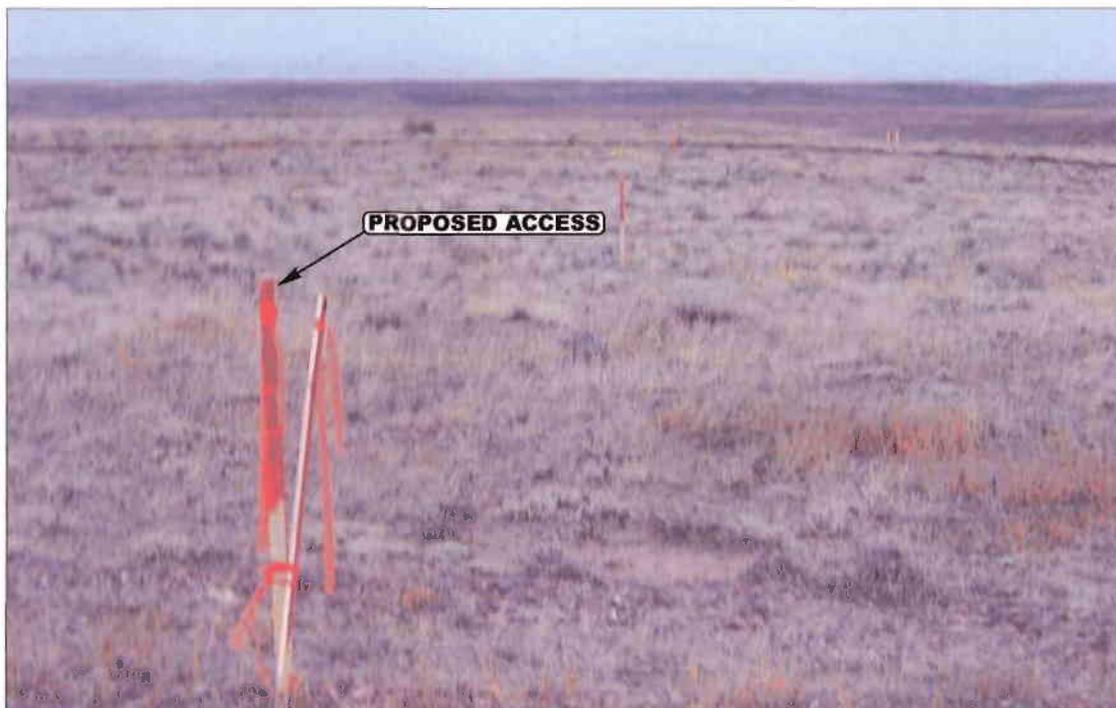


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

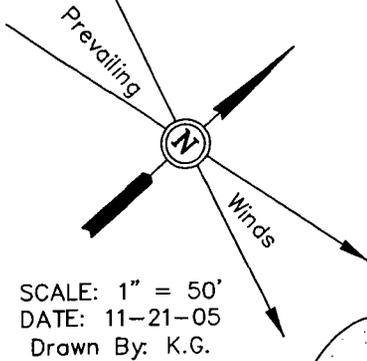
LOCATION PHOTOS	11	17	05	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: T.B.	DRAWN BY: S.L.		REVISED: 00-00-00	

EOG RESOURCES, INC.

FIGURE #1

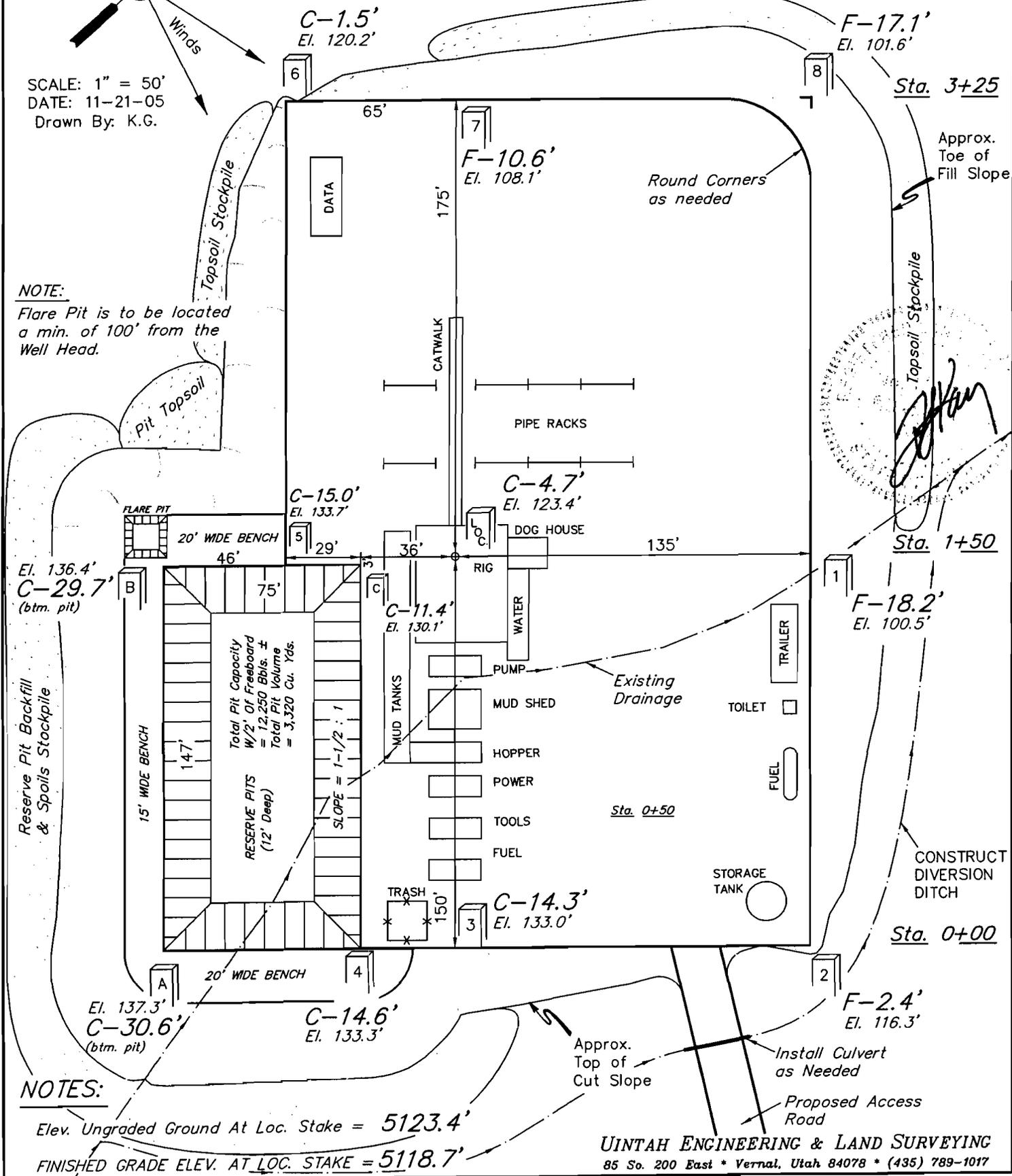
LOCATION LAYOUT FOR

NBU #562-19E  
SECTION 19, T10S, R21E, S.L.B.&M.  
859' FNL 859' FEL



NOTE:

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



NOTES:

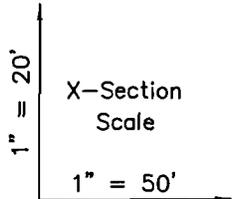
Elev. Ungraded Ground At Loc. Stake = 5123.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5118.7'

TYPICAL CROSS SECTIONS FOR

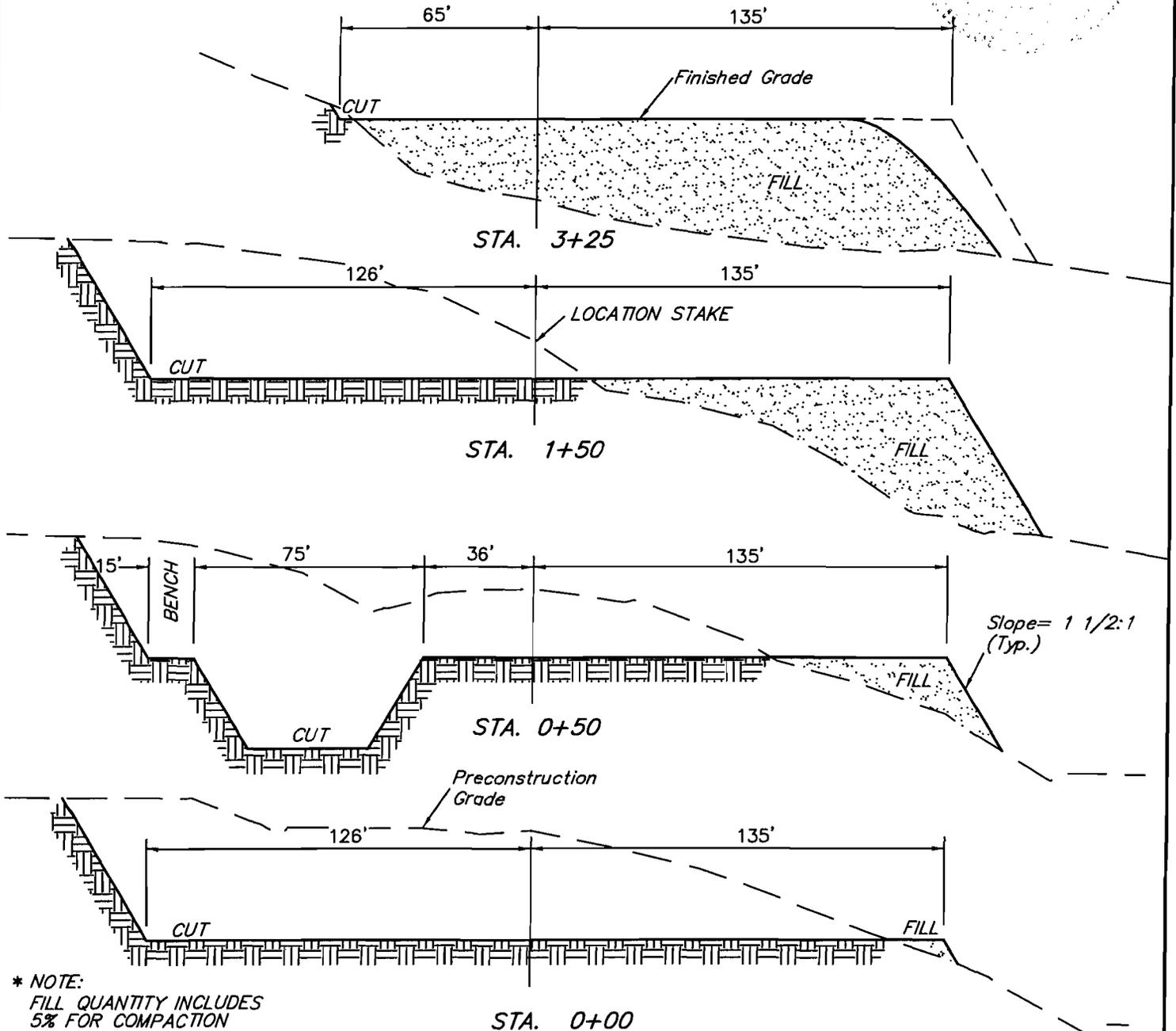
NBU #562-19E

SECTION 19, T10S, R21E, S.L.B.&M.

859' FNL 859' FEL



DATE: 11-21-05  
Drawn By: K.G.

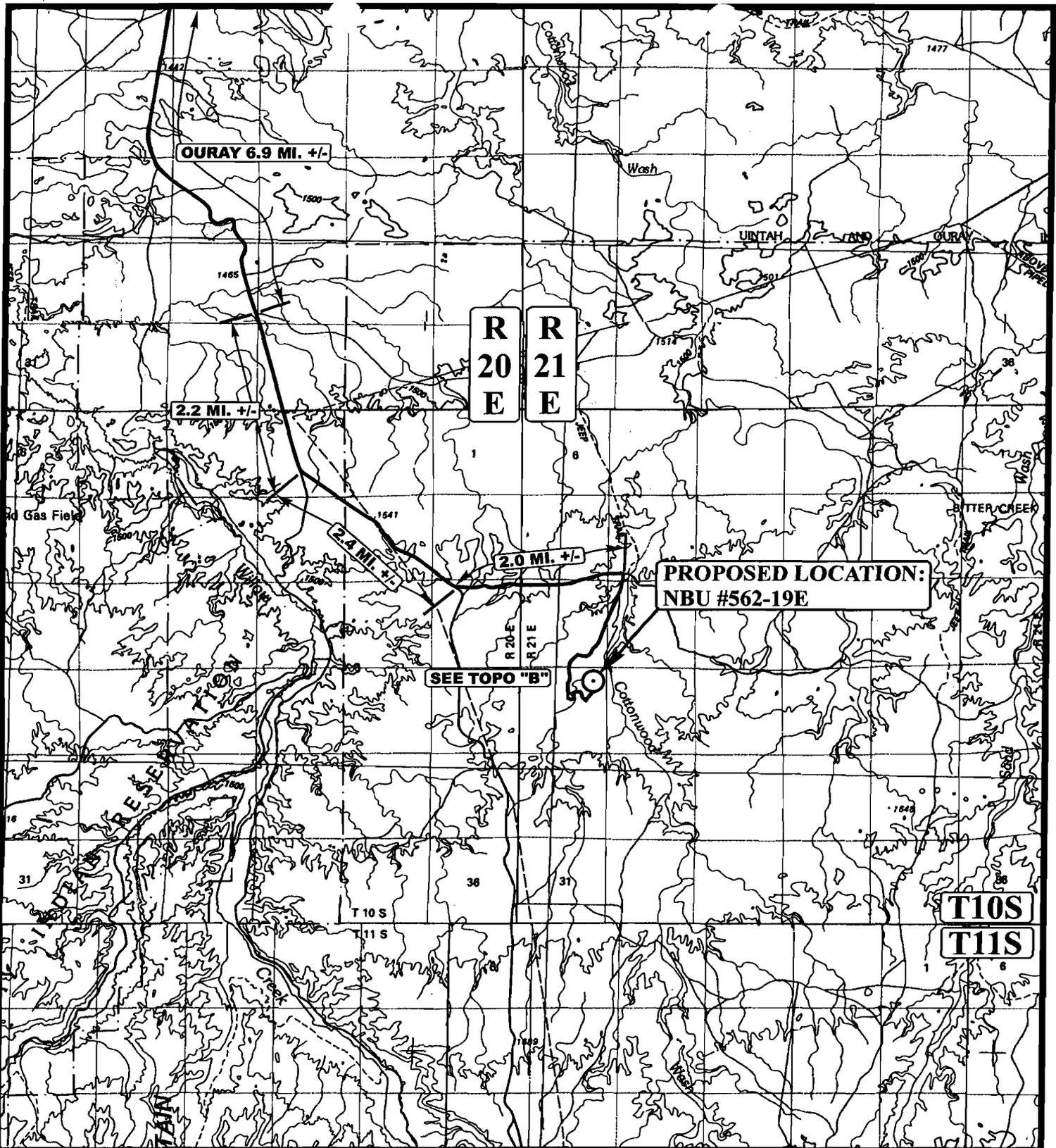


\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	2,080 Cu. Yds.
Remaining Location	=	21,310 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>23,390 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>19,650 CU.YDS.</b>

EXCESS MATERIAL	=	3,740 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,740 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



**PROPOSED LOCATION:  
NBU #562-19E**

SEE TOPO "B"

**R  
20  
E**   **R  
21  
E**

**T10S**  
**T11S**

**LEGEND:**

⊙ PROPOSED LOCATION



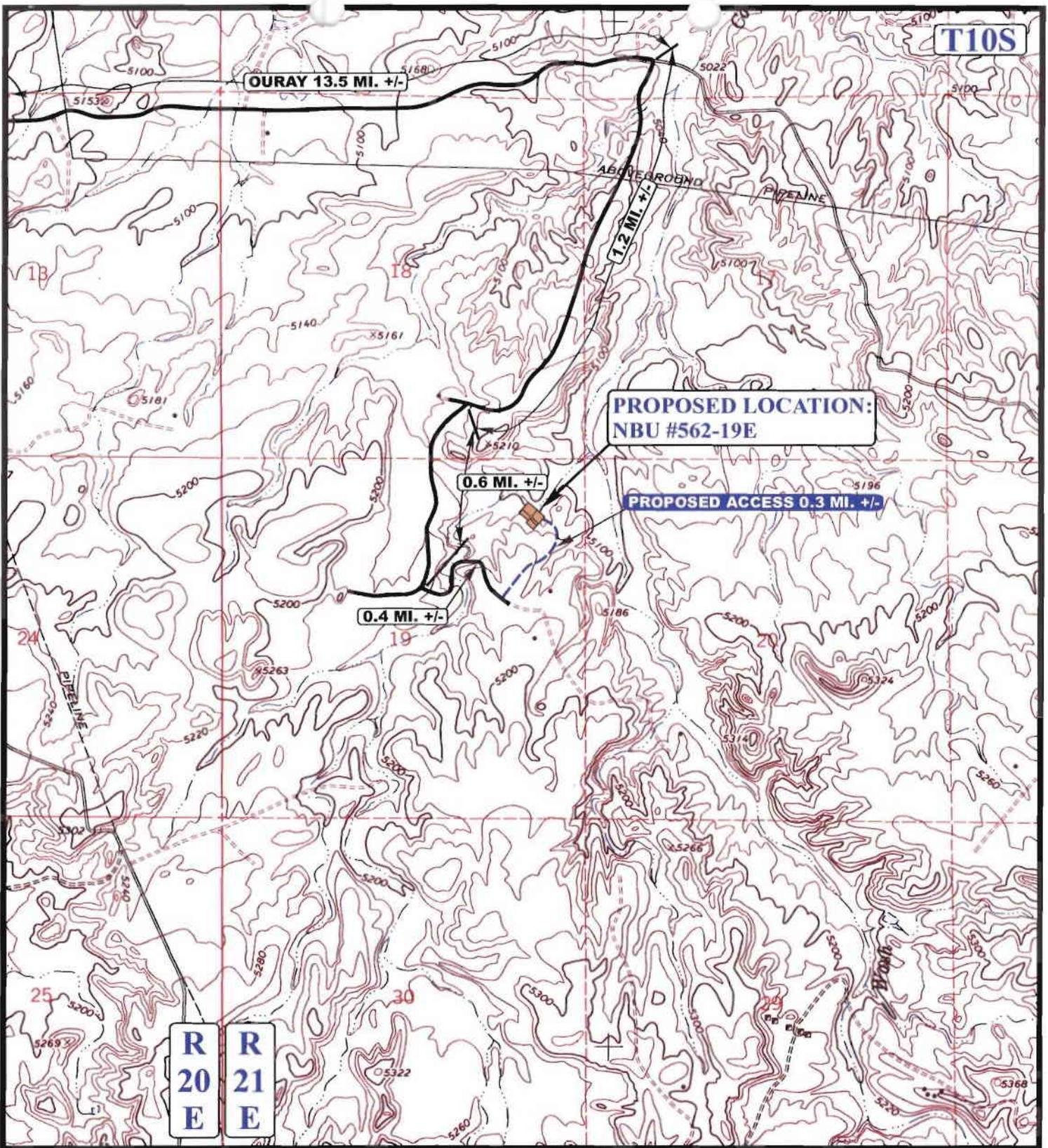
**EOG RESOURCES, INC.**

**NBU #562-19E**  
**SECTION 19, T10S, R21E, S.L.B.&M.**  
**859' FNL 859' FEL**

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

**TOPOGRAPHIC** **11** **17** **05**  
**MAP**      MONTH   DAY   YEAR  
SCALE: 1:100,000   DRAWN BY: S.L.   REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

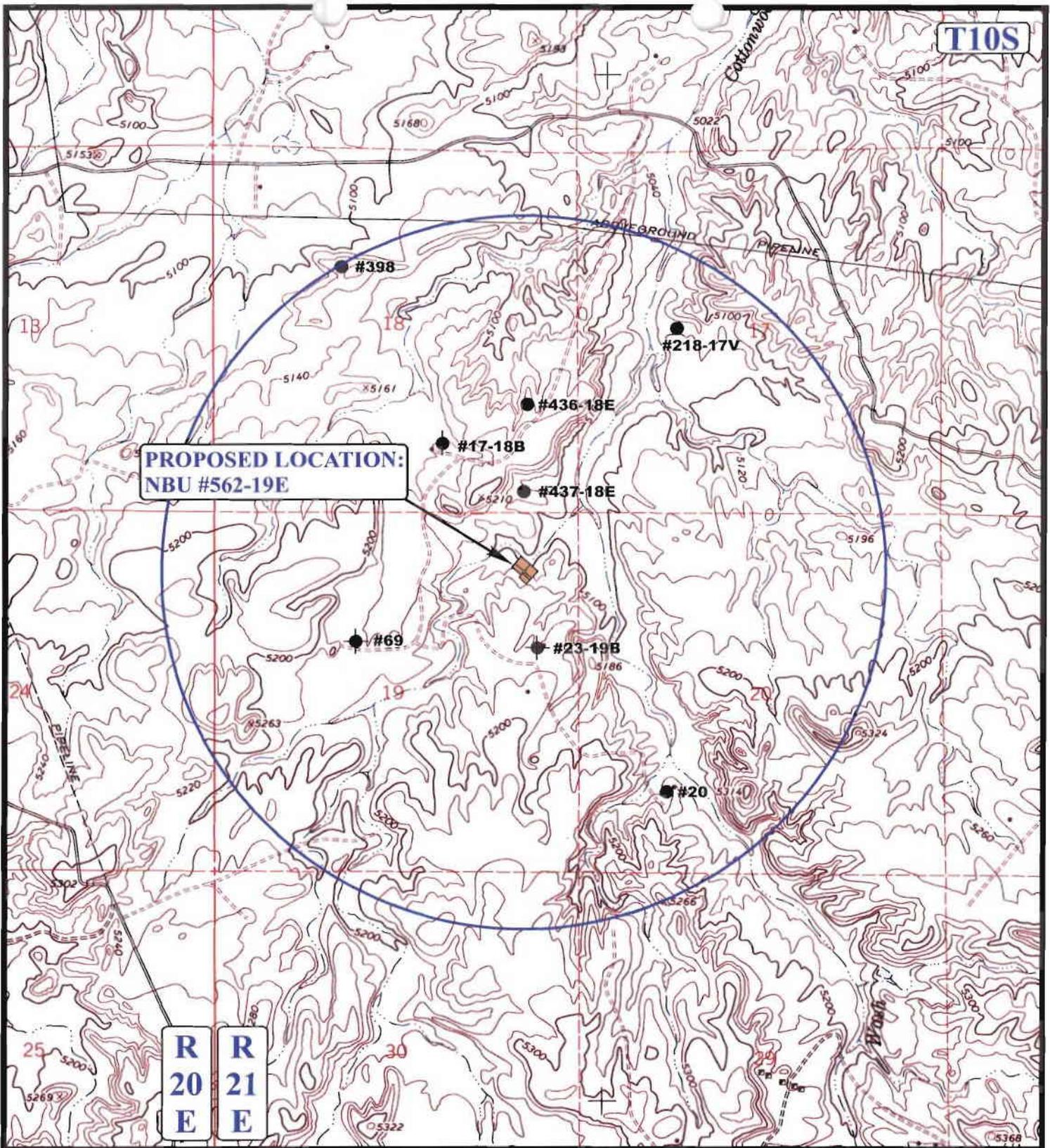
**EOG RESOURCES, INC.**

NBU #562-19E  
 SECTION 19, T10S, R21E, S.L.B.&M.  
 859' FNL 859' FEL



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

**TOPOGRAPHIC MAP** **11 17 05**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00 **B**  
 TOPO



**LEGEND:**

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

**EOG RESOURCES, INC.**

**NBU #562-19E**  
**SECTION 19, T10S, R21E, S.L.B.&M.**  
**859' FNL 859' FEL**



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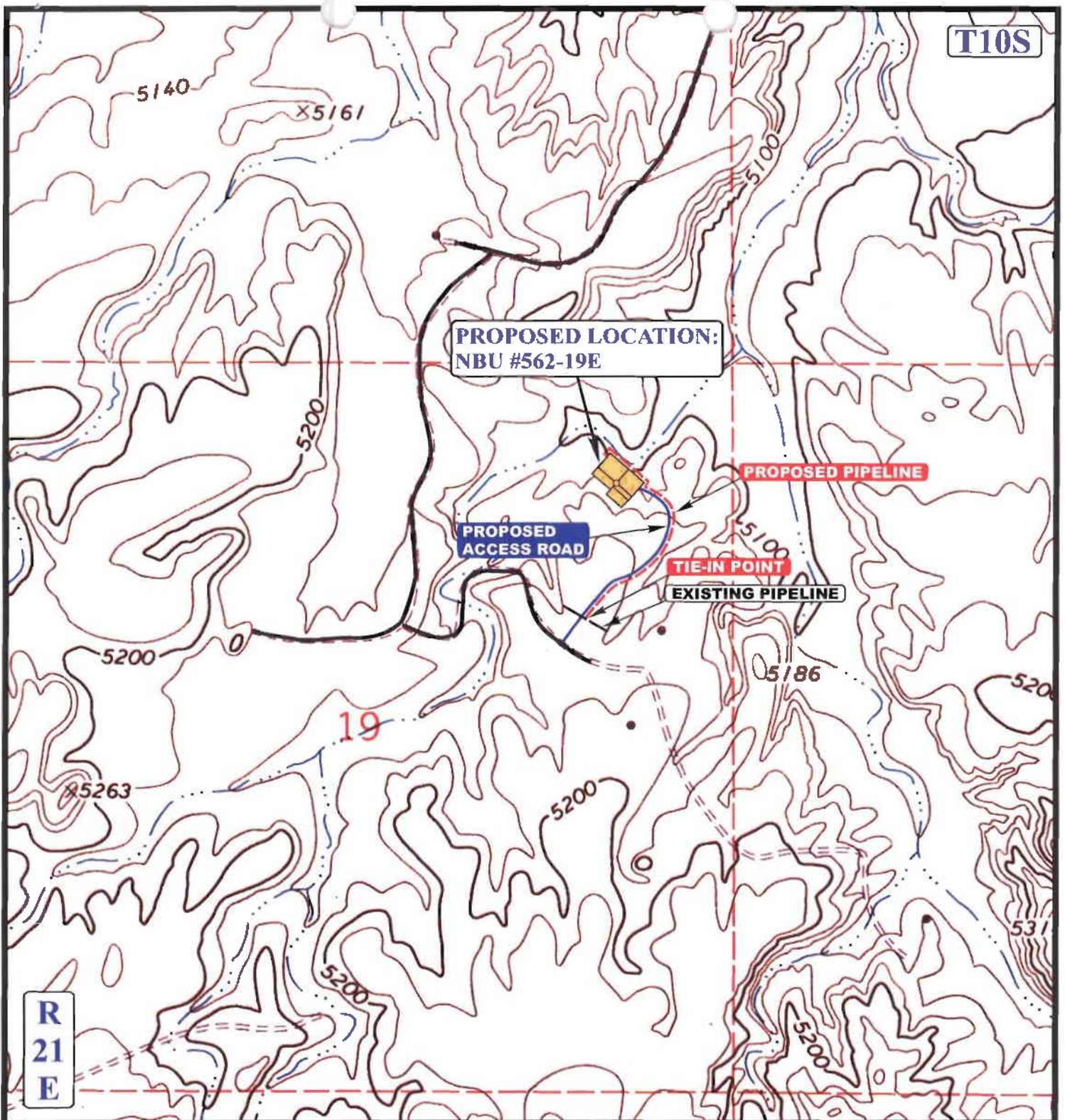


**TOPOGRAPHIC**  
**MAP**

**11 17 05**  
 MONTH DAY YEAR

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





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,858' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

**EOG RESOURCES, INC.**

**NBU #562-19E  
SECTION 19, T10S, R21E, S.L.B.&M.  
859' FNL 859' FEL**



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



**TOPOGRAPHIC MAP**

**11 17 05**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: S.L. REVISED: 00-00-00



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/20/2005

API NO. ASSIGNED: 43-047-37536
--------------------------------

WELL NAME: NBU 562-19E  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NENE 19 100S 210E  
 SURFACE: 0859 FNL 0859 FEL  
 BOTTOM: 0859 FNL 0859 FEL  
 UINTAH  
 NATURAL BUTTES ( 630 )  
 LEASE TYPE: 3 - State  
 LEASE NUMBER: ML-22792  
 SURFACE OWNER: 3 - State  
 PROPOSED FORMATION: WSTC  
 COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /		
<b>Tech Review</b>	<b>Initials</b>	<b>Date</b>
Engineering	DKD	3/13/06
Geology		
Surface		

LATITUDE: 39.93812  
 LONGITUDE: -109.5876

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 6196017 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-1501 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- \_\_\_ R649-2-3.
- Unit NATURAL BUTTES *re*
- \_\_\_ 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: 12-2-09  
Siting: 460' fr u bdr & u ncl main Trac
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

Needs Present (01-05-06)

STIPULATIONS:

- 1- OIL SHALE
- 2- STATEMENT OF BASIS
- 3- Surface Csg Cont Stip
- 4- Cement Stip #3 (4 1/2" prod. String, 300' MD)



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 19,30 T. 10S R. 21E

FIELD: NATURAL BUTTES (630)

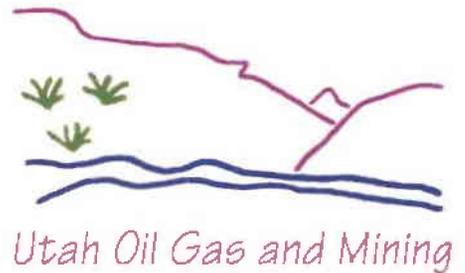
COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

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

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

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



PREPARED BY: DIANA WHITNEY  
DATE: 20-DECEMBER-2005

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

**OPERATOR:** EOG RESOURCES INC.  
**WELL NAME & NUMBER:** Natural Buttes Unit 562-19E  
**API NUMBER:** 43-047-37536  
**LOCATION:** 1/4,1/4 NE/NE Sec: 19 TWP:10S RNG:21E 859 FNL 859 FEL

**Geology/Ground Water:**

EOG proposes to set 500 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,600 feet. 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 location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

**Reviewer:** Brad Hill **Date:** 01/19/2006

**Surface:**

The predrill investigation of the surface was performed on January 5, 2006. Jim Davis (SITLA) and Ben Williams (UDWR) were invited to this investigation on 12/21/2005. Both were present. Mr. Ed Trotter represented EOG Resources.

Mr. Williams stated the area is classified as critical yearlong habitat for antelope by the UDWR. However antelope forage in the area is not limited and the drilling and operation of this well should not have a significant impact on this species. No other wildlife species are expected to be affected.

This site appears to be the best site in the immediate area for a location and well.

**Reviewer:** Floyd Bartlett **Date:** 01/06/2006

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

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

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

**OPERATOR:** EOG RESOURCES INC.  
**WELL NAME & NUMBER:** Natural Buttes Unit 562-19E  
**API NUMBER:** 43-047-37536  
**LEASE:** STATE ML-22792 **FIELD/UNIT:** NATURAL BUTTES UNIT  
**LOCATION:** 1/4,1/4 NE/NE **Sec:** 19 **TWP:** 10S **RNG:** 21E 859 **FNL** 859 **FEL**  
**LEGAL WELL SITING:** 460' from unit boundary and uncommitted tracts.  
**GPS COORD (UTM):** X =620676; Y =4421634 **SURFACE OWNER:** STATE OF UTAH (SITLA)

**PARTICIPANTS**

FLOYD BARTLETT (DOGM), ED TROTTER (EOG). Jim Davis (SITLA), Ben Williams, (UDWR)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

General Area is Cottonwood Wash Drainage. It is characterized by rolling hills, which are frequently divided by somewhat gentle draws, which flow into Cottonwood Wash. Cottonwood Wash is an ephemeral drainage, which drains northerly approximately 10 miles to the White River. The draws are sometimes rimmed with steep side hills, which have exposed sand stone bedrock cliffs along the rims.

This location is approximately 16 miles southeast of Ouray, Ut. and is accessed by the Seep Ridge Road to the Uintah County Cottonwood Wash road then by oil field development roads to within 0.3 miles of the location.

The proposed location is on the north edge of a flat and extends onto a sideslope dropping into a wash, which drains into Cottonwood Wash. The north edge of the location extends to the bottom of this wash. A draw intersects the south east side of the location that will require a diversion around the location. A culvert will be installed as needed on the access road to cross the proposed diversion. No other drainage problems exist. This location is near NBU 23-19B which has been plugged and abandoned.

**SURFACE USE PLAN**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: Construction of a well pad 325' by 200' plus a reserve pit 147' by 75' by 12 feet deep. Topsoil and reserve pit stockpiles are outside of the disturbed area. Access road is 0.3 miles in length.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Numerous wells are within a 1 mile radius. See TOPO C in APD.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline

is 1858 feet in length and will be laid o. the surface along the proposed road to an existing pipeline which also will be crossed to reach the location..

SOURCE OF CONSTRUCTION MATERIAL: All construction materials will come from the location.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as there are numerous other existing wells in the surrounding area.

#### **WASTE MANAGEMENT PLAN:**

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

#### **ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: The location is a desert shrub vegetation type. Common plants are shadscale, Gardner saltbrush, big sagebrush, halogeton, curly mesquite, cheatgrass and rabbit brush. Common fauna is pronghorn, coyotes, songbirds, raptors, rodents, and rabbits.

SOIL TYPE AND CHARACTERISTICS: Deep light brown gravely sandy loam with many fractured angular surface rocks. Some thin layered sandstone is exposed.

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 SITED.

#### **RESERVE PIT**

CHARACTERISTICS: 147' by 75' and 12' deep within an area of cut on the south west side of the location.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 mil liner will be required for reserve pit. Score of 25, Sensitivity Level II.

#### **SURFACE RESTORATION/RECLAMATION PLAN**

**AS PER SITLA.**

SURFACE AGREEMENT: **AS PER SITLA.**

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by MOAC 12-18-2005. Copy furnished to SILA.

**OTHER OBSERVATIONS/COMMENTS**

Ben Williams representing the Utah Division of Wildlife Resources stated the area is classified as critical yearlong habitat for antelope. Antelope forage in the area is not limited and the drilling and operation of this well should not have a significant impact on this species. No other wildlife species are expected to be affected.

**ATTACHMENTS**

Photos of this site were taken and placed on file.

Floyd Bartlett  
DOGM REPRESENTATIVE

01-05-2006 10:30 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Scale  
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>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      25      (Level II Sensitivity)

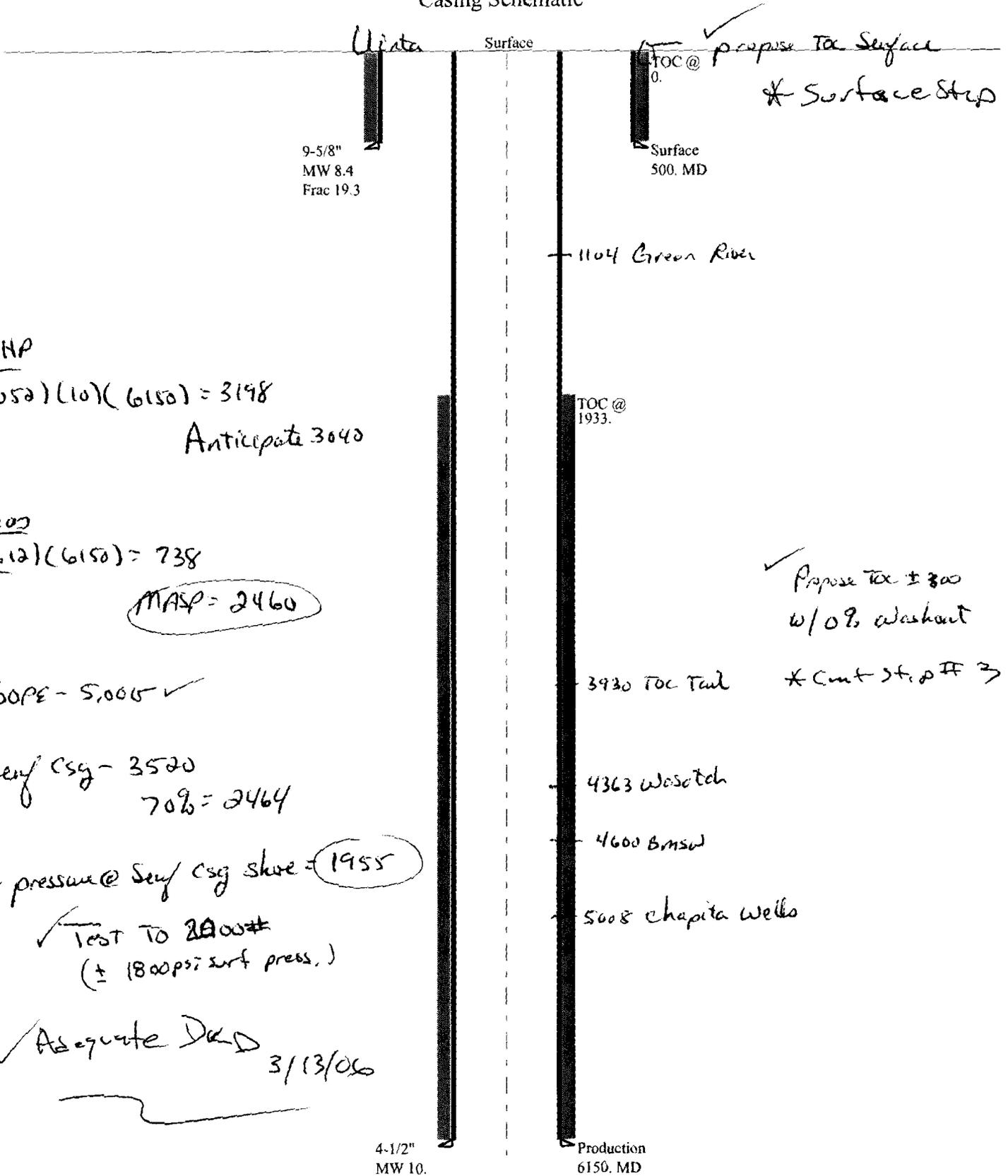
Sensitivity Level I = 20 or more; total containment is required.

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

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

03-06 EOG NBU 562-19

Casing Schematic



9-5/8"  
MW 8.4  
Frac 19.3

TOC @ 0.  
Surface  
500. MD

1104 Green River

TOC @ 1933.

3930 TOC Tail

4363 Washout

4600 Bmsw

5008 chapita wells

4-1/2"  
MW 10.

Production  
6150. MD

BHP  
 $(.052)(110)(6150) = 3198$   
Anticipate 3040

Gos  
 $(.12)(6150) = 738$   
MASP = 2460

BOPE - 5,005 ✓

Seif csg - 3520  
70% = 2464

Max pressure @ Seif csg shoe = 1955

✓ Test to 2000#  
(± 1800psi surf press.)

✓ Adequate DWD  
3/13/06

✓ Propose To Surface  
\* Surface Stop

✓ Propose To ± 300  
w/ 0% washout  
\* Cont Stop # 3

Well name:	<b>03-06 EOG NBU 562-19E</b>		
Operator:	<b>EOG Resources</b>		Project ID:
String type:	Surface		43-047-37536
Location:	Uintah County, Utah		

**Design parameters:**

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

**Burst**  
 Max anticipated surface pressure: 440 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP: 500 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: 438 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 82 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 500 ft

Cement top: 1 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 6,150 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 3,195 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 500 ft  
 Injection pressure: 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	9.625	36.00	J-55	ST&C	500	500	8.796	35.6

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	218	2020	9.258	500	3520	7.04	16	394	25.00 J

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

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

Date: March 10, 2006  
 Salt Lake City, Utah

Remarks:  
 Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

**03-06 EOG NBU 562-19E**

Operator: **EOG Resources**

String type: Production

Project ID:  
43-047-37536

Location: Uintah County, Utah

**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: 161 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 1,933 ft

**Burst**

Max anticipated surface pressure: 2,457 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 3,195 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: 5,231 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	6150	4.5	11.60	J-55	LT&C	6150	6150	3.875	142.6
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	3195	4960	1.553	3195	5350	1.67	61	162	2.67 J

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

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

Date: March 10,2006  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6150 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.*

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

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

Delta Petroleum Corporation

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

EOG Resources, Inc

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

Gasco Production Company

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

QEP Uinta Basin, Inc

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

Westport Oil & Gas Company

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

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

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



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 22, 2006

EOG Resources, Inc.  
P O Box 1815  
Vernal, UT 84078

Re: Natural Buttes Unit 562-19E Well, 859' FNL, 859' FEL, NE NE, Sec. 19,  
T. 10 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 43-047-37536.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** EOG Resources, Inc.  
**Well Name & Number** Natural Buttes Unit 562-19E  
**API Number:** 43-047-37536  
**Lease:** ML-22792

**Location:** NE NE                      **Sec.** 19                      **T.** 10 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

43-047-37536

March 22, 2006

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Surface casing shall be cemented to the surface.
8. Cement volume for the 4 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 300' MD in order to adequately isolate the Green River formation.

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

FORM 6

**ENTITY ACTION FORM**

Operator: EOG RESOURCES, INC. Operator Account Number: N 9550  
 Address: 600 17th Street  
city Denver  
state CO zip 80202 Phone Number: (303) 262-2812

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37384	CHAPITA WELLS UNIT 1112-27		NENW	27	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16387	10/9/2007			10/17/07	
Comments: <u>PRRV=MVRD</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37536	NATURAL BUTTES UNIT 562-19E		NENE	19	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>AB</u>	99999	2900	10/8/2007			10/17/07	
Comments: <u>WSTC=WSTMVD</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38143	CHAPITA WELLS UNIT 711-7		NENW	7	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16388	10/8/2007			10/17/07	
Comments: <u>PRRV=MVRD</u>							

**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)

Carrie MacDonald

Name (Please Print)

Signature

Operations Clerk

Title

RECEIVED  
10/10/2007  
Date

OCT 12 2007

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: EOG Resources, Inc

Well Name: NBU 562-19E

API No: 43-047-37536 Lease Type: State

Section 19 Township 10S Range 21E County Uintah

Drilling Contractor Rocky Mountain Drilling Rig # Bucket

### **SPUDDED:**

Date 10-8-07

Time 11:30 AM

How Dry

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

Reported by Jerry Barnes

Telephone # 435-828-1720

Date 10-9-07 Signed RM

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

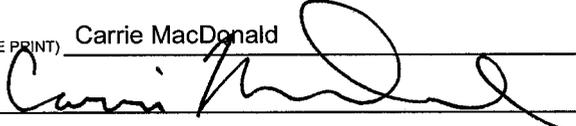
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-22792</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>Natural Buttes Unit</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Natural Buttes Unit 562-19E</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		9. API NUMBER: <b>43-047-37536</b>
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N    CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 262-2812</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>859' FNL &amp; 859' FEL 39.938067 LAT 109.588303 LON</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 19 10S 21E S.L.B. &amp; M.</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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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.  
The referenced well spud on 10/8/2007.

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE 	DATE <u>10/10/2007</u>

(This space for State use only)

**RECEIVED**

**OCT 12 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: <b>ML-22792</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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Natural Buttes Unit</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		8. WELL NAME and NUMBER: <b>Natural Buttes Unit 562-19E</b>
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N    CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>43-047-37536</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>859' FNL &amp; 859' FEL 39.938067 LAT 109.588303 LON</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 19 10S 21E S.L.B. &amp; M.</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 checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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 (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" 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: _____
	<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.

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Ace Disposal
4. RN Industries

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

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE	DATE <u>10/10/2007</u>

(This space for State use only)

**RECEIVED**  
**OCT 12 2007**

**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: <b>ML-22792</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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Natural Buttes Unit</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		8. WELL NAME and NUMBER: <b>Natural Buttes Unit 562-19E</b>
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		9. API NUMBER: <b>43-047-37536</b>
PHONE NUMBER: <b>(303) 824-5526</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>859' FNL &amp; 859' FEL 39.938067 LAT 109.588303 LON</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 19 10S 21E S.L.B. &amp; M.</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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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.

The referenced well reached TD on 10/25/2007. Pending further evaluation, completion operations will begin in the first quarter of 2008.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>11/27/2007</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: <b>ML-22792</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: <b>Natural Buttes Unit</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Natural Buttes Unit</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		8. WELL NAME and NUMBER: <b>Natural Buttes Unit 562-19E</b>
3. ADDRESS OF OPERATOR: <b>600 17th St., Suite 1000N</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>43-047-37536</b>
PHONE NUMBER: <b>(303) 824-5526</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: <b>859' FNL &amp; 859' FEL 39.938067 LAT 109.588303 LON</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 19 10S 21E S.L.B. &amp; M.</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 (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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.

No completion work has been performed on the subject well. Pending further evaluation, completion operations will begin in the first quarter of 2008.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u><i>Mary A. Maestas</i></u>	DATE <u>2/11/2008</u>

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**FEB 13 2008**

## 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.

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

Operator: EOG Resources, Inc Today's Date: 02/14/2008

Well: API Number: Drilling Commenced:

See Attachment

43 047 37536  
NBU 562-19E  
105 21E 19

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:		API Number:	Commenced:
Pete's Wash 10-36	drlg rpts/wcr	4301333094	10/18/2006
Hoss 8-31	wcr	4304738606	11/30/2006
Simoleon 1-26GR	drlg rpts/wcr	4304737507	02/23/2007
Hoss 7-31	drlg rpts/wcr	4304738669	02/23/2007
E Chapita 8-16	drlg rpts/wcr	4304736815	03/17/2007
Hoss 1-36	drlg rpts/wcr	4304738612	03/22/2007
Hoss 11-31	drlg rpts/wcr	4304738670	03/24/2007
Hoss 35-30	drlg rpts/wcr	4304738706	03/24/2007
Hoss 36-30	drlg rpts/wcr	4304738763	03/24/2007
Hoss 21-32	drlg rpts/wcr	4304738714	04/09/2007
Hoss 20-32	drlg rpts/wcr	4304738717	04/17/2007
Hoss 23-32	drlg rpts/wcr	4304738716	04/25/2007
Hoss 4-36	drlg rpts/wcr	4304738609	05/03/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 319-17E	drlg rpts/wcr	4304737511	07/05/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 1237-21	wcr	4304738078	07/27/2007
Hoss 58-35	drlg rpts/wcr	4304738888	08/03/2007
Hoss 31-30	drlg rpts/wcr	4304738702	08/10/2007
Hoss 63-31	drlg rpts/wcr	4304738960	08/10/2007
NBU 556-18E	drlg rpts/wcr	4304737514	08/13/2007
CWU 957-32	drlg rpts/wcr	4304736486	08/16/2007
NBU 555-18E	drlg rpts/wcr	4304737685	08/19/2007
Hoss 62-36	drlg rpts/wcr	4304738972	08/28/2007
NBU 438-19E	drlg rpts/wcr	4304737534	08/31/2007
N Chapita 284-6	drlg rpts/wcr	4304737716	09/05/2007
CWU 1031-32	drlg rpts/wcr	4304737720	09/10/2007
Hoss 64-36	drlg rpts/wcr	4304738964	09/13/2007
CWU 963-33	drlg rpts/wcr	4304738961	09/14/2007
NBU 565-30E	drlg rpts/wcr	4304737533	09/20/2007
CWU 1328-32	drlg rpts/wcr	4304739301	09/27/2007
N Chapita 339-34	drlg rpts/wcr	4304738061	10/04/2007
NBU 562-19E	drlg rpts/wcr	4304737536	10/08/2007
CWU 1112-27	drlg rpts/wcr	4304737384	10/09/2007

**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: <b>ML-22792</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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Natural Buttes Unit</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		8. WELL NAME and NUMBER: <b>Natural Buttes Unit 562-19E</b>
3. ADDRESS OF OPERATOR: <b>600 17th St., Suite 1000N</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>43-047-37536</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>859' FNL &amp; 859' FEL 39.938067 LAT 109.588303 LON</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 19 10S 21E S.L.B. &amp; M.</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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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: _____
	<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 referenced well was turned to sales on 2/19/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>2/20/2008</u>

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**RECEIVED**  
**FEB 22 2008**  
DIV. OF OIL, GAS & MINING

## WELL CHRONOLOGY REPORT

Report Generated On: 02-20-2008

<b>Well Name</b>	NBU 562-19E	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	NATURAL BUTTES UNIT	<b>API #</b>	43-047-37536	<b>Well Class</b>	1SA
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	10-22-2007	<b>Class Date</b>	02-19-2008
<b>Tax Credit</b>	N	<b>TVD / MD</b>	6,150/ 6,150	<b>Property #</b>	058074
<b>Water Depth</b>	0	<b>Last CSG</b>	0.0	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	5,132/ 5,119				
<b>Location</b>	Section 19, T10S, R21E, NENE, 859 FNL & 859 FEL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	74.273

<b>AFE No</b>	303807	<b>AFE Total</b>	1,229,700	<b>DHC / CWC</b>	647,700/ 582,000						
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #27	<b>Start Date</b>	01-18-2006	<b>Release Date</b>	10-26-2007				
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE 27	<b>Start Date</b>	01-18-2006	<b>Release Date</b>	10-26-2007				
<b>01-18-2006      Reported By</b>											
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0						
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0						
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time: LOCATION DATA**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			859' FNL & 859' FEL (NE/NE)
			SECTION 19, T10S, R21E
			UINTAH COUNTY, UTAH
			LAT 39.938067, LONG 109.588303 (NAD 83)
			LAT 39.938103, LONG 109.587614 (NAD 27)
			TRUE #27
			OBJECTIVE: 6150' TD, BUCK CANYON
			DW/GAS
			NATURAL BUTTES PROSPECT
			DD&A: NATURAL BUTTED
			NATURAL BUTTES FEILD
			LEASE: ML-22792
			ELEVATION: 5123.4' NAT GL, 5118.7' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5119'), 5132' KB (13')
			EOG WI 100%, NRI 74.273139%

08-06-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$38,000 Completion \$0 Daily Total \$38,000

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION STARTED.

08-07-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$38,000 Completion \$0 Daily Total \$38,000

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 5% COMPLETE.

08-08-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 PUSHING OUT LOCATION.

08-09-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 BUILDING ROAD AND PUSHING OUT LOCATION.

08-10-2007 Reported By BRYON TOLMAN

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 COMPLETING ROAD. STARTING LOCATION TODAY.

<b>08-13-2007</b>		<b>Reported By</b>		<b>BRYON TOLMAN</b>							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		\$0		<b>Daily Total</b>		\$0	
<b>Cum Costs: Drilling</b>		\$38,000		<b>Completion</b>		\$0		<b>Well Total</b>		\$38,000	
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>				<b>Perf :</b>		<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: BUILD LOCATION</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	COMPLETING ROAD. STARTING LOCATION TODAY.								
<b>08-14-2007</b>		<b>Reported By</b>		<b>BRYON TOLMAN</b>							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		\$0		<b>Daily Total</b>		\$0	
<b>Cum Costs: Drilling</b>		\$38,000		<b>Completion</b>		\$0		<b>Well Total</b>		\$38,000	
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>				<b>Perf :</b>		<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: BUILD LOCATION</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	ROAD COMPLETE. LOCATION NOT STARTED.								
<b>08-15-2007</b>		<b>Reported By</b>		<b>BRYON TOLMAN</b>							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		\$0		<b>Daily Total</b>		\$0	
<b>Cum Costs: Drilling</b>		\$38,000		<b>Completion</b>		\$0		<b>Well Total</b>		\$38,000	
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>				<b>Perf :</b>		<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: BUILD LOCATION</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	ROAD COMPLETE. LOCATION NOT STARTED.								
<b>08-16-2007</b>		<b>Reported By</b>		<b>BRYON TOLMAN</b>							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		\$0		<b>Daily Total</b>		\$0	
<b>Cum Costs: Drilling</b>		\$38,000		<b>Completion</b>		\$0		<b>Well Total</b>		\$38,000	
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>				<b>Perf :</b>		<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: BUILD LOCATION</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	ROAD COMPLETE. LOCATION NOT STARTED.								
<b>08-17-2007</b>		<b>Reported By</b>		<b>BRYON TOLMAN</b>							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		\$0		<b>Daily Total</b>		\$0	
<b>Cum Costs: Drilling</b>		\$38,000		<b>Completion</b>		\$0		<b>Well Total</b>		\$38,000	
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>				<b>Perf :</b>		<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: BUILD LOCATION</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	ROAD PUSHED IN. STARTING LOCATION.								

08-20-2007 Reported By BRYON TOLMAN

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	STARTING LOCATION.

08-21-2007 Reported By BRYON TOLMAN

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT.

08-22-2007 Reported By BRYON TOLMAN

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING ROCK.

08-23-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING.

08-24-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING.

08-27-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
----	---	-----	---	----------	---	------	---	----	-----	------	-----

Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

08-28-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
----	---	-----	---	----------	---	------	---	----	-----	------	-----

Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING.

08-29-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
----	---	-----	---	----------	---	------	---	----	-----	------	-----

Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

08-30-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

08-31-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

09-04-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

09-05-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES.

09-06-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING TOMORROW.

09-07-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING TODAY.

09-10-2007 Reported By BYRON TOLMAN

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION SHOT FRIDAY AND READY TO PUSH.

09-11-2007      Reported By      TERRY CSERE

Daily Costs: Drilling      \$0                              Completion      \$0                              Daily Total      \$0

Cum Costs: Drilling      \$38,000                              Completion      \$0                              Well Total      \$38,000

MD              0      TVD              0      Progress      0      Days              0      MW              0.0      Visc              0.0

Formation :                              PBTB : 0.0                              Perf :                              PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION SHOT FRIDAY AND READY TO PUSH.

09-12-2007      Reported By      TERRY CSERE

Daily Costs: Drilling      \$0                              Completion      \$0                              Daily Total      \$0

Cum Costs: Drilling      \$38,000                              Completion      \$0                              Well Total      \$38,000

MD              0      TVD              0      Progress      0      Days              0      MW              0.0      Visc              0.0

Formation :                              PBTB : 0.0                              Perf :                              PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION SHOT FRIDAY AND READY TO PUSH.

09-13-2007      Reported By      TERRY CSERE

Daily Costs: Drilling      \$0                              Completion      \$0                              Daily Total      \$0

Cum Costs: Drilling      \$38,000                              Completion      \$0                              Well Total      \$38,000

MD              0      TVD              0      Progress      0      Days              0      MW              0.0      Visc              0.0

Formation :                              PBTB : 0.0                              Perf :                              PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING ON LOCATION AND PIT.

09-14-2007      Reported By      TERRY CSERE

Daily Costs: Drilling      \$0                              Completion      \$0                              Daily Total      \$0

Cum Costs: Drilling      \$38,000                              Completion      \$0                              Well Total      \$38,000

MD              0      TVD              0      Progress      0      Days              0      MW              0.0      Visc              0.0

Formation :                              PBTB : 0.0                              Perf :                              PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING ON LOCATION AND PIT.

09-17-2007      Reported By      TERRY CSERE

Daily Costs: Drilling      \$0                              Completion      \$0                              Daily Total      \$0

Cum Costs: Drilling      \$38,000                              Completion      \$0                              Well Total      \$38,000

MD              0      TVD              0      Progress      0      Days              0      MW              0.0      Visc              0.0

Formation :                              PBTB : 0.0                              Perf :                              PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING ON LOCATION AND PIT.

09-18-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING ON LOCATION & PIT.

09-19-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING ON LOCATION & PIT.

09-20-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING ON LOCATION AND PIT.

09-21-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

09-24-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

09-25-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT.

09-26-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT.

09-27-2007 Reported By ED FORSMAN

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT-DRILLING-SHOOT TOMORROW

09-28-2007 Reported By BRYON TOLMAN

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING THIS MORNING

10-01-2007 Reported By BRYON TOLMAN

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOT FRIDAY AND PUSHING ON PIT.

10-02-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOT FRIDAY AND PUSHING ON PIT, 75% COMPLETE.

10-03-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOT FRIDAY & PUSHING ON PIT, 80% COMPLETE.

10-04-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	WALKING IN PIT, 85% COMPLETE.

10-05-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	WALKING IN PIT, 90% COMPLETE.

10-08-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 LOCATION COMPLETE. ROCKY MOUNTAIN DRILLING SPUD A 20" HOLE ON 10/8/2007 @ 11:30 AM. SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 10/8/2007 @ 10:00 AM.

<b>10-17-2007</b>		<b>Reported By</b>		<b>JERRY BARNES</b>							
<b>Daily Costs: Drilling</b>		\$196,415		<b>Completion</b>		\$0		<b>Daily Total</b>		\$196,415	
<b>Cum Costs: Drilling</b>		\$234,415		<b>Completion</b>		\$0		<b>Well Total</b>		\$234,415	
<b>MD</b>	2,415	<b>TVD</b>	2,415	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>			<b>PBTD : 0.0</b>			<b>Perf :</b>			<b>PKR Depth : 0.0</b>		

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG # 3 ON 10/12/2007. DRILLED 12-1/4" HOLE TO 2450' GL. ENCOUNTERED WATER @ 1470'. RAN 56 JTS (2402.70') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2415' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 175 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (149.6 BBLs) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/ SX GR-3, 3% SALT & 1/4 #/ SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (42 BBLs) OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/179 BBLs FRESH WATER. BUMPED PLUG W/1000# @ 4:30 PM, 10/15/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. HOLE CIRCULATED WHILE DRILLING & CEMENTING. CIRCULATED 9 BBLs LEAD CEMENT TO PIT. CEMENT FELL BACK WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (21 BBLs) OF PREMIUM CEMENT W/4% CACL2 & 1/4 #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & CIRCULATED APPROXIMATELY 5 BBLs LEAD CEMENT TO PIT. CEMENT FELL BACK AT SURFACE WHEN PUMPING STOPPED. WOC 1 HR 30 MINUTES.

TOP JOB # 2: MIXED & PUMPED 50 SX (10.5 BBLs) OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/ SX FLOCELE. MIXED CEMENT TO 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY AT THIS TIME.

LESTER FARNSWORTH NOTIFIED UDOGM ROOSEVELT OFFICE OF THE SURFACE CASING & CEMENT JOB ON 10/14/2007 @ 5:20 P.M.

<b>10-22-2007</b>		<b>Reported By</b>		<b>PETE AYOTTE</b>							
<b>Daily Costs: Drilling</b>		\$33,787		<b>Completion</b>		\$0		<b>Daily Total</b>		\$33,787	
<b>Cum Costs: Drilling</b>		\$268,202		<b>Completion</b>		\$0		<b>Well Total</b>		\$268,202	
<b>MD</b>	2,415	<b>TVD</b>	2,415	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>			<b>PBTD : 0.0</b>			<b>Perf :</b>			<b>PKR Depth : 0.0</b>		

Activity at Report Time: TESTING BOP

Start	End	Hrs	Activity Description
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06:00 12:00 6.0 HOLD PRE JOB SAFETY MEETING WITH TRUCK AND RIG CREWS, MOVE RIG OFF NBU 565-30E AND ROAD 1.5 MILES TO NBU 562 -19E.  
 12:00 18:00 6.0 SET IN RIG,CHANGED OUT ROTATING HEAD, 1 HOUR MODIFYING IT TO FIT. DERRICK IN AIR AT 1730 HRS., TRUCKS RELEASED AT 1800 HRS.  
 18:00 00:00 6.0 RIG UP, WILL CHANGE BRAKE BLOCKS AT ANOTHER TIME.  
 00:00 02:00 2.0 NIPPLE UP BOP, RIG ON DAYWORK AT 0000 HRS., 10/22/2007  
 02:00 06:00 4.0 TEST BOP.

NO ACCIDENTS, FULL CREWS PLUS 5 EXTRA HANDS FOR RIG MOVE.  
 SAFETY MEETINGS ON RIGGING UP WITH TRUCKS, WORKING WITH HIGH PRESSURE LINES.  
 FUEL ON HAND 2992 GALS., USED 299 GALS.  
 SHOULD BE DONE TESTING AROUND 0700 HRS.  
 RIG MOVE WENT A LITTLE SLOWER DUE TO ROTATING HEAD CHANGE AND SETTING IN NEWLY FABRICTED EQUIPMENT,(PUMPS, TRIP TANK)

10-23-2007 Reported By PETE AYOTTE

Daily Costs: Drilling \$49,715 Completion \$1,007 Daily Total \$50,722  
 Cum Costs: Drilling \$317,917 Completion \$1,007 Well Total \$318,924

MD 3,558 TVD 3,558 Progress 1,137 Days 1 MW 8.4 Visc 27.0  
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	TEST BOP, TESTED PIPE, BLIND RAMS, CHOKE LINE AND VALVES, FLOOR VALVES, KELLY VALVES TO 5000 PSI FOR 10 MINS., AND AT 250 PSI FOR 10 MINS. TEST ANNULAR TO 2500 PSI FOR 10 MINS. AND AT 250 PSI FOR 10 MINS. TEST CASING TO 1500 PSI FOR 30 MINS. DAVE WITH UDOGM CALLED AND WAS NOTIFIED OF THE TEST AT 1800 HRS., 10/21/2007.
07:30	08:00	0.5	INSTALL WEAR RING
08:00	09:30	1.5	HELD SAFETY MEETING WITH WEATHERFORD. RIG UP PICKUP MACHINE
09:30	13:30	4.0	PICK UP PIPE, TAG CEMENT AT 2315'.
13:30	14:30	1.0	RIG SERVICE, OPERATE COM
14:30	15:00	0.5	INSTALL ROTATING HEAD RUBBER.
15:00	15:30	0.5	HELD SAFETY MEETING WITH TRUE SAFETY HAND, BOB RUSSELL.
15:30	16:00	0.5	DRILL CEMENT
16:00	17:00	1.0	CHANGE OUT #1 PUMP THROTTLE, AND ADJUST BOTH PUMP THROTTLES.
17:00	18:00	1.0	DRILL CEMENT AND FLOAT EQUIPMENT.
18:00	18:30	0.5	SPOT GEL PILL ON BOTTOM, PERFORM FIT TEST TO 350 PSI, 11.18 EMW.
18:30	19:30	1.0	DRILL FROM 2421' TO 2581', 160' AT 160'/HR, 10-15K WOB, 50-60 RPM, 700 PSI AT 125 STROKES, #1 PUMP, 435 GPM. 100-350 DIFFERENTIAL PSI.
19:30	20:00	0.5	SURVEY,3*
20:00	01:00	5.0	DRILL FROM 2581' TO 3177', 596' AT 119'/HR, 15-18K WOB, MOTOR RPM 69, 900 PSI AT 125 STROKES, #1 PUMP, 200-350 PSI DIFFERENTIAL. 435 GPM.
01:00	01:30	0.5	SURVEY, 2*
01:30	06:00	4.5	DRILL FROM 3177 TO 3558', 381' AT 84.66'/HR, 15-18K WOB, 50-65 RPM, MOTOR RPM 87, 1620 PSI AT 81 STROKES BOTH PUMPS, 544 GPM, 200-350 PSI DIFFERENTIAL. NO ACCIDENTS, FULL CREWS. SAFETY MEETINGS ON WORKING WITH CASERS AND MAKING CONNECTIONS. FUEL ON HAND 2319 GALS., USED 673 GALS. MUD WT 9.5, VIS 30. WASATCH TOP AT 4354'.

BG GAS 100U, CONN GAS 150U.

UNMANNED LOGGER START 1200 HRS., 10/22/2007. 1 DAY.

NO FLOW OR LOSSES.

06:00 18.0 SPUD 7 7/8" HOLE AT 18:30 HRS, 10/22/07.

<b>10-24-2007</b>	<b>Reported By</b>	<b>PETE AYOTTE</b>									
<b>Daily Costs: Drilling</b>	\$46,753	<b>Completion</b>	\$2,568	<b>Daily Total</b>	\$49,321						
<b>Cum Costs: Drilling</b>	\$364,670	<b>Completion</b>	\$3,575	<b>Well Total</b>	\$368,245						
<b>MD</b>	5,235	<b>TVD</b>	5,235	<b>Progress</b>	1,677	<b>Days</b>	2	<b>MW</b>	9.8	<b>Visc</b>	33.0
<b>Formation :</b>	<b>PBTD : 0.0</b>					<b>Perf :</b>	<b>PKR Depth : 0.0</b>				

**Activity at Report Time: DRILLING**

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	08:30	2.5	DRILL FROM 3558' TO 3805', 247' AT 98.8'/HR, 18-20K WOB, 55-65 RPM, MOTOR RPM 87, 1600 PSI AT 80 STROKES ON EACH PUMP. 200-400 PSI DIFFERENTIAL. 544 GPM.
08:30	09:00	0.5	RIG SERVICE, OPERATE PIPE RAMS AND COM.
09:00	12:30	3.5	DRILL FROM 3805' TO 4180', 375' AT 107.5'/HR. 18-20K, WOB 55-65 RPM, MOTOR RPM 71, 1600 PSI AT 125 STROKES, #1 PUMP, 200-350 PSI DIFFERENTIAL, 449 GPM. HOLE STARTED SEEPING 10-15 BBL/HR AT 3868'. CUT BACK TO 1 PUMP. MIXING LCM SWEEPS PERIODICALLY.
12:30	13:00	0.5	SURVEY, 1.5*
13:00	06:00	17.0	DRILL FROM 4180' TO 5235', 1055' AT 62'/HR, SAME PARAMETERS AS ABOVE. NO ACCIDENTS. FULL CREWS. SAFETY MEETINGS ON MIXING LCM AND LOCKOUT TAGOUT. FUEL ON HAND 3178 GALS, USED 1378 GALS. BOILER 4 HRS. MUD WT 10.3, VIS 33. CHAPITA WELLS TOP AT 4966'. BOP DRILLS HELD ON BOTH TOURS, WELL SECURED 90 AND 110 SECS. BG GAS 20U, CONN GAS 20U. UNMANNED LOGGER 2 DAYS. HOLE SEEPING 5-10 BBL/HR OVER THE LAST 12 HRS. LOSING 5 BBL/HR AT REPORT TIME.

<b>10-25-2007</b>	<b>Reported By</b>	<b>PETE AYOTTE</b>									
<b>Daily Costs: Drilling</b>	\$76,783	<b>Completion</b>	\$588	<b>Daily Total</b>	\$77,371						
<b>Cum Costs: Drilling</b>	\$441,454	<b>Completion</b>	\$4,163	<b>Well Total</b>	\$445,617						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	915	<b>Days</b>	3	<b>MW</b>	10.2	<b>Visc</b>	38.0
<b>Formation :</b>	<b>PBTD : 0.0</b>					<b>Perf :</b>	<b>PKR Depth : 0.0</b>				

**Activity at Report Time: SHORT TRIP**

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	12:30	6.5	DRILL FROM 5235' TO 5529', 294' AT 45.2'/HR, 20-24K WOB, 55-60 RPM, MOTOR RPM 69, 1600 PSI AT 121 STROKES OFF BOTTOM. 200-400 PSI DIFFERENTIAL. 435 GPM.
12:30	13:00	0.5	RIG SERVICE, OPERATE PIPE RAMS AND COM.
13:00	02:00	13.0	DRILL FROM 5529' TO 6150' TD, 621' AT 47.76'/HR, SAME PARAMETERS AS ABOVE. MINOR SEEPAGE. AROUND 5-6 BBL/HR. REACHED TD AT 02:00 HRS, 10/25/07.
02:00	03:00	1.0	CIRCULATE, MIX AND PUMP PILL.

03:00 06:00 3.0 WIPER TRIP TO SHOE(40 STANDS). MINOR TIGHT SPOTS FROM 3400' TO 2900'.  
 NO ACCS., FULL CREWS.  
 SAFETY MEETINGS ON PPE AND RIG SERVICES.  
 FUEL ON HAND 1795 GALS., USED 1346 GALS.  
 MUD WT. 10.4 PPG, VIS 37.  
 BUCK CANYON TOP AT 5681'.  
 BG GAS 70U, CONN GAS 100U.  
 UNMANNED LOGGER 3 DAYS.  
 TD AT 0200 HRS., 10/25/2007.

<b>10-26-2007</b>		<b>Reported By</b>	PETE AYOTTE								
<b>Daily Costs: Drilling</b>	\$121,760	<b>Completion</b>	\$98,269	<b>Daily Total</b>	\$220,029						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$102,432	<b>Well Total</b>	\$665,646						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	4	<b>MW</b>	10.5	<b>Visc</b>	35.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	06:30	0.5	FINISH SHORT TRIP, NO FILL. OPERATED COM
06:30	07:30	1.0	CIRCULATE, MIX AND PUMP PILL.
07:30	13:30	6.0	LAY DOWN PIPE, OPERATE BLIND RAMS.
13:30	14:00	0.5	PULL WEAR RING.
14:00	15:00	1.0	HOLD SAFETY MEETING WITH CASERS AND RIG UP SAME.
15:00	19:30	4.5	RAN 152 JOINTS 4.5", 11.6#, N80 CASING PLUS ONE SHORT JOINT (21.55') AND ONE MARKER AT 3962', COLLAR SET AT 3962'. SHOE LANDED AT 6144', TOP OF FLOAT COLLAR AT 6100.93'.
19:30	20:30	1.0	PICK UP TAG JOINT, BREAK CIRCULATION AND WASH TO BOTTOM. LAY DOWN TAG JOINT AND PICK UP CASING HANGER.
20:30	21:30	1.0	CIRCULATE, RIG DOWN CASERS, RIG UP CEMENTERS.
21:30	23:00	1.5	HOLD PRE JOB SAFETY MEETING. CEMENT AS FOLLOWS, PUMP 20 BBLs. WASH, 20 BBLs SPACER, 225 SKS G CEMENT(119 BBLs)+ADDITIVES,YIELD 2.98,WATER 18.2 GALS./SK, 11.5 PPG LEAD CEMENT AND 665 SKS, 50/50 POZG+ADDITIVES, YIELD 1.29, WATER 5.96 GAL/SK, 14.1 PPG. DISPLACE WITH 95 BBLs. H2O. BUMP PLUG WITH 1000 PSI. FLOAT HELD. BROUGHT TOP OF LEAD TO 2015', TOP OF TAIL TO 3954'.
23:00	00:00	1.0	RIG DOWN CEMENTERS, TEST HANGER SEALS TO 5000 PSI, BACK OUT HANGER.
00:00	01:00	1.0	NIPPLE DOWN, CLEAN PITTS.
01:00	06:00	5.0	RIG DOWN. FULL CREWS. NO ACCIDENTS. SAFETY MEETINGS ON WORKING WITH CASING CREWS AND WITH CEMENTERS. FUEL ON HAND 1795 GALS, USED 598 GALS. UNMANNED LOGGER 4 DAYS TOTAL, RIGGED DOWN 12:00 HRS., 10/25/2007. NOTIFIED FLOYD WITH UDOGM ON CASING RUNNING TIME. NOTIFIED MR.SPARGER WITH BLM OF RIG MOVE TO CWU 991-15 FRIDAY AND TESTING BOP EARLY SATURDAY MORNING. MESSAGE WAS LEFT ON HIS RECORDER. CASING POINT COST WAS \$467,311. RIG MOVE FROM NBU 561-19E TO CWU 991-15 IS 16.3 MILES VIA MTN. FUEL BRIDGE.

RIG RELEASED AT 01:00 HRS., 10/26/2007 .

TRANSFERRED 1795 GALS. DIESEL, 5 JOINTS 4.5", 11.6#, N80 CASING AND 1 SHORT JOINT CASING.  
RIG WILL CHANGE BRAKE BANDS AFTER DERRICK IS RAISED.06:00 18.0 RIG RELEASED AT 01:00 HRS, 10/26/07.  
CASING POINT COST \$476,998

<b>11-06-2007</b>	<b>Reported By</b>	SEARLE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$38,660	<b>Daily Total</b>	\$38,660						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$141,092	<b>Well Total</b>	\$704,306						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	5	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	PBTD : 6101.0			<b>Perf :</b>	PKR Depth : 0.0						
<b>Activity at Report Time: PREP FOR FRACS</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 600'. EST CEMENT TOP @ 800'. RD SCHLUMBERGER.								

<b>01-11-2008</b>	<b>Reported By</b>	SEARLE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$650	<b>Daily Total</b>	\$650						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$141,742	<b>Well Total</b>	\$704,956						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	6	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	PBTD : 6101.0			<b>Perf :</b>	PKR Depth : 0.0						
<b>Activity at Report Time: WAIT ON FRACS</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	PRESSURE TEST CASING & FRAC TREE TO 6500 PSIG. HELD OK. BLEED OFF TO PIT. SWI. WAIT ON FRACS.								

<b>01-15-2008</b>	<b>Reported By</b>	SEARLE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$3,500	<b>Daily Total</b>	\$3,500						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$145,242	<b>Well Total</b>	\$708,456						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	7	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	PBTD : 6101.0			<b>Perf :</b>	5820-5970			PKR Depth : 0.0			
<b>Activity at Report Time: SI FOR BHP</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	RU CUTTERS WIRELINE. PERFORATED Ba FROM 5820'-21', 5828'-29', 5870'-71', 5901'-04' & 5964'-70' @ 3 SPF & 120° PHASING. RDWL. SI FOR PRESSURE BUILD UP.								

<b>01-17-2008</b>	<b>Reported By</b>	SEARLE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$3,300	<b>Daily Total</b>	\$3,300						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$148,542	<b>Well Total</b>	\$711,756						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	8	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	PBTD : 6101.0			<b>Perf :</b>	5820-5970			PKR Depth : 0.0			
<b>Activity at Report Time: WAIT ON FRACS</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	MIRU PLS. RIH WITH BHP RECORDER TO 5970'. POH. MBHT 150 DEG. MBHP 2766 PSIG. SWI. RD PLS.								

<b>01-24-2008</b>	<b>Reported By</b>	CARLSON									
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<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$5,235	<b>Daily Total</b>	\$5,235						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$153,777	<b>Well Total</b>	\$716,991						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	9	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>		<b>Perf : 5571-5970</b>		<b>PKR Depth : 0.0</b>						

**Activity at Report Time: FRAC WELL**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 190 PSIG RU SCHLUMBERGER, FRAC DOWN CASING WITH 3120 GAL YF116 ST+ PAD, 27,795 GAL YF116 ST+ WITH 80,600 # 20/40 SAND @ 1-4 PPG. MTP 3776 PSIG. MTR 30.5 BPM. ATP 2721 PSIG. ATR 29.6 BPM. ISIP 2094 PSIG. RD SCHLUMBERGER

RUWL SET CFP @ 5650' & PERFORATE Ca FROM 5571'-5572', 5582'-83', 5588'-90', 5610'-12', 5617'-20', 5628'-31" @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2078 GAL YF116 ST+ PAD, 30,920 GAL YF116 ST+ WITH 91,000 # 20/40 SAND @ 1-4 PPG. MTP 2991 PSIG. MTR 30.5 BPM. ATP 2272 PSIG. ATR 29.5 BPM. ISIP 2055 PSIG. RD SCHLUMBERGER. SWIFN.

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**01-25-2008**      **Reported By**      CARLSON,POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$107,027	<b>Daily Total</b>	\$107,027						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$260,804	<b>Well Total</b>	\$824,019						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	10	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>		<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>						

**Activity at Report Time: FLOW TEST. PREP TO FISH WL TOOLS**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 485 PSIG. RUWL. SET CFP @ 5400'. PERFORATED Ca FROM 5345'-46', 5366'-72' & 5375'-78' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/2091 GAL YF116 ST+ PAD, 18590 GAL YF116 ST+ W/50800# 20/40 SAND @ 1-4 PPG. MTP 4191 PSIG. MTR 30.3 BPM. ATP 3782 PSIG. ATR 28.6 BPM. ISIP 3055 PSIG. RD SCHLUMBERGER.

RUWL. SET CFP @ 5290'. PERFORATED Ba FROM 5253'-5254', 5259'-64' & 5267'-71' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/2087 GAL YF116 ST+ PAD, 18602 GAL YF116 ST+ W/50600# 20/40 SAND @ 1-4 PPG. MTP 4691 PSIG. MTR 30.3 BPM. ATP 3455 PSIG. ATR 28.5 BPM. ISIP 2826 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5125'. PERFORATED Ca FROM 5084'-91', 5095'-98' & 5106'-08' @ 3 SPF & 120° PHASING. LOST GUNS AND SETTING TOOL AT 2000' COMING OUT OF HOLE.

FLOWED 16 HRS. 32/64" CHOKE. FCP 950 PSIG. 5 BFPP. RECOVERED 450 BLW.

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**01-26-2008**      **Reported By**      POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$9,820	<b>Daily Total</b>	\$9,820						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$270,624	<b>Well Total</b>	\$833,839						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	11	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>		<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>						

**Activity at Report Time: FLOW BACK**

Start	End	Hrs	Activity Description
07:00	18:00	11.0	KILLED WELL W/120 BBLS TREATED WATER. RDWL. MIRUSU. FLOWED 14 HRS. 32/64" CHOKE. FCP 1300 PSIG. 3-5 BPH. RECOVERED 205 BLW.

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**01-27-2008**      **Reported By**      POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$4,175	<b>Daily Total</b>	\$4,175
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$274,799	<b>Well Total</b>	\$838,014
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0
		<b>Days</b>	12	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>	<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>	

Activity at Report Time: PUMP TO KILL, ND TREE, NU BOPE, RIH.

Start	End	Hrs	Activity Description
05:00	05:00	24.0	FLOWED 24 HRS. 32/64" CHOKE. CP 850 PSIG.

01-28-2008 Reported By POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$4,175	<b>Daily Total</b>	\$4,175
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$278,974	<b>Well Total</b>	\$842,189
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0
		<b>Days</b>	13	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>	<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>	

Activity at Report Time: RIH W/FISHING TOOLS

Start	End	Hrs	Activity Description
05:00	05:00	24.0	FLOWED 24 HRS. 32/64" CHOKE. FCP 700 PSIG.

01-29-2008 Reported By POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$9,751	<b>Daily Total</b>	\$9,751
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$288,725	<b>Well Total</b>	\$851,940
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0
		<b>Days</b>	14	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>	<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>	

Activity at Report Time: PREP TO KILL &amp; RIH W/FISHING TOOLS

Start	End	Hrs	Activity Description
07:00	18:00	11.0	PUMPED 130 BBLS TO KILL WELL. ND TREE. NU BOPE. RIH W/CABLE SPEAR, JARS & BUMPER SUB TO 900'. WELL FLOWING. PUMPED 115 BBLS TO KILL. STILL FLOWING.

FLOWED 6 HRS. 32/64" CHOKE. FCP DECREASED FROM 550 PSIG TO 0 PSIG W/LIGHT BLOW ON CASING.

01-30-2008 Reported By POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$9,571	<b>Daily Total</b>	\$9,571
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$298,296	<b>Well Total</b>	\$861,511
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0
		<b>Days</b>	15	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>	<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>	

Activity at Report Time: POH W/WASH PIPE

Start	End	Hrs	Activity Description
07:00	18:00	11.0	SICP 200 PSIG. RIH W/WIRE SPEAR TO TAG @ 5026'. POH. RECOVERED WIRELINE. RIH W/WASH PIPE, JARS & BUMPER SUB. WASH OVER PERF GUNS @ 5118'. POH ABOVE PERFS. SDFN.

01-31-2008 Reported By POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$9,929	<b>Daily Total</b>	\$9,929
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$308,225	<b>Well Total</b>	\$871,440
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0
		<b>Days</b>	16	<b>MW</b>	0.0
		<b>Visc</b>			0.0
<b>Formation : WASATCH</b>	<b>PBTD : 6101.0</b>	<b>Perf : 5084-5970</b>		<b>PKR Depth : 0.0</b>	

Activity at Report Time: POH

Start	End	Hrs	Activity Description
05:00	17:30	12.5	RIH. WASH OVER FISH TO 5026'. POH. RECOVERED FISH (STUCK IN WASH PIPE). RIH W/BIT & PUMP OFF SUB. CLEANED OUT & DRILLED OUT PLUG @ 5218'. CLEANED OUT TO PLUG @ 5400'. POH ABOVE PERFS. SDFN.

02-01-2008		Reported By	POWELL	
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$7,040	<b>Daily Total</b> \$7,040
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$315,265	<b>Well Total</b> \$878,480
MD	6,150	TVD	6,150	Progress 0 Days 17 MW 0.0 Visc 0.0
Formation : WASATCH		PBT D : 6101.0		Perf : 5084-5970 PKR Depth : 0.0
Activity at Report Time: PREP TO FRAC				

Start	End	Hrs	Activity Description
07:00	13:00	6.0	SICP 0 PSIG. POH W/BIT & PUMP OFF SUB. ND BOPE. NU FRAC TREE. RDMOSU. SI.

02-05-2008		Reported By	CARLSON	
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$69,877	<b>Daily Total</b> \$69,877
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$385,143	<b>Well Total</b> \$948,357
MD	6,150	TVD	6,150	Progress 0 Days 11 MW 0.0 Visc 0.0
Formation : WASATCH		PBT D : 6101.0		Perf : 4912-5970 PKR Depth : 0.0
Activity at Report Time: PREP TO MIRUSU				

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 178 PSIG. RUWL. SET 10K CFP AT 5130'. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 2934 GAL YF116 ST+ PAD, 26148 GAL YF116 ST+ W/76900# 20/40 SAND @ 1-4 PPG. MTP 3895 PSIG. MTR 30.3 BPM. ATP 2771 PSIG. ATR 29 BPM. ISIP 2650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 4950'. PERFORATED Pp FROM 4912'-18' & 4920'-25' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 2062 GAL YF116ST+ PAD, 23867 GAL YF116ST+ W/76100# 20/40 SAND @ 1-4 PPG. MTP 3577 PSIG. MTR 30 BPM. ATP 2623 PSIG. ATR 28.6 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 4798'. BLED OFF PRESSURE. RDWL. SDFN.

02-08-2008		Reported By	POWELL	
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$6,885	<b>Daily Total</b> \$6,885
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$392,028	<b>Well Total</b> \$955,242
MD	6,150	TVD	6,150	Progress 0 Days 12 MW 0.0 Visc 0.0
Formation : WASATCH		PBT D : 6101.0		Perf : 4912-5970 PKR Depth : 0.0
Activity at Report Time: CLEAN OUT AFTER FRAC				

Start	End	Hrs	Activity Description
07:00	16:00	9.0	MIRUSU. ND TREE. NU BOPE. RIH W/BIT & PUMP OFF SUB TO 4798'. RU TO DRILL OUT PLUGS. SDFN.

02-09-2008		Reported By	POWELL	
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$8,960	<b>Daily Total</b> \$8,960
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$400,988	<b>Well Total</b> \$964,202
MD	6,150	TVD	6,150	Progress 0 Days 13 MW 0.0 Visc 0.0
Formation : WASATCH		PBT D : 6101.0		Perf : 4912-5970 PKR Depth : 0.0
Activity at Report Time: PREP TO FISH BIT SUB & BIT				

Start	End	Hrs	Activity Description
07:00	15:00	8.0	CLEANED OUT & DRILLED OUT PLUGS @ 4798', 4950', 5130' & 5290'. TBG STUCK WHILE DRILLING OUT PLUG @ 5400'. SHEARED OFF BIT SUB. POH. SDFW. PREP TO FISH SUB & BIT.

02-12-2008 Reported By POWELL

Daily Costs: Drilling	\$0	Completion	\$9,894	Daily Total	\$9,894
Cum Costs: Drilling	\$563,214	Completion	\$410,882	Well Total	\$974,096

MD	6,150	TVD	6,150	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation :	WASATCH		PBTD :	6101.0		Perf :	4912-5970		PKR Depth : 0.0		

Activity at Report Time: RIH W/OVERSHOT

Start	End	Hrs	Activity Description
07:00	18:00	11.0	SICP 750 PSIG. KILLED WELL W/135 BBLs TREATED WATER. RIH W/OVER SHOT, JARS & BUMPER SUB TO 1300'. KILLED WELL W/125 BBLs TREATED WATER. RIH TO 4900'. SDFN.

02-13-2008 Reported By POWELL

Daily Costs: Drilling	\$0	Completion	\$36,879	Daily Total	\$36,879
Cum Costs: Drilling	\$563,214	Completion	\$447,761	Well Total	\$1,010,975

MD	6,150	TVD	6,150	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation :	WASATCH		PBTD :	6101.0		Perf :	4912-5970		PKR Depth : 0.0		

Activity at Report Time: CLEAN OUT AFTER FRAC

Start	End	Hrs	Activity Description
07:00	19:30	12.5	SICP 2100 PSIG. KILLED WELL W/180 BBLs TREATED WATER. RIH TO 5330'. CLEANED OUT TO TOP OF FISH @ 5381'. ENGAGED FISH & JARRED FREE. POH. RECOVERED FISH. RIH W/BIT & PUMP OFF BIT SUB TO 4800'. SDFN.

02-14-2008 Reported By POWELL

Daily Costs: Drilling	\$0	Completion	\$8,496	Daily Total	\$8,496
Cum Costs: Drilling	\$563,214	Completion	\$456,257	Well Total	\$1,019,471

MD	6,150	TVD	6,150	Progress	0	Days	16	MW	0.0	Visc	0.0
Formation :	WASATCH		PBTD :	6101.0		Perf :	4912-5970		PKR Depth : 0.0		

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
07:00	16:00	9.0	SICP 550 PSIG. RIH TO 5372'. CLEANED OUT & DRILLED OUT PLUGS @ 5372 & 5650'. RIH CLEANED OUT TO PBTD @ 6101'. LANDED TBG @ 5802' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMSU.

FLOWED 9 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1700 PSIG. 15 BFPH. RECOVERED 184 BLW. 4131 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB 1.10'  
 1 JT 2-3/8" 4.7# J-55 TBG 31.35'  
 XN NIPPLE 1.00'  
 179 JTS 4.7# J-55 TBG 5756.99'  
 BELOW KB 12.00'  
 LANDED @ 5802.44' KB

02-15-2008 Reported By POWELL

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$4,840	<b>Daily Total</b>	\$4,840						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$461,097	<b>Well Total</b>	\$1,024,311						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	17	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>		<b>PBTD : 6101.0</b>		<b>Perf : 4912-5970</b>		<b>PKR Depth : 0.0</b>					

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
05:00	05:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1200 PSIG. CP 1600 PSIG. 14 BFPH. RECOVERED 342 BLW. 3789 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 2/14/08

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02-20-2008      Reported By      TIGAR MILLER

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0						
<b>Cum Costs: Drilling</b>	\$563,214	<b>Completion</b>	\$461,097	<b>Well Total</b>	\$1,024,311						
<b>MD</b>	6,150	<b>TVD</b>	6,150	<b>Progress</b>	0	<b>Days</b>	18	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>		<b>PBTD : 6101.0</b>		<b>Perf : 4912-5970</b>		<b>PKR Depth : 0.0</b>					

Activity at Report Time: INITIAL PRODUCTION-FIRST GAS SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION. FIRST GAS SALES: OPENING PRESSURE: TP 1200 & CP 2000 PSI. TURNED WELL TO KERR-MAGEE (METER #985571) SALES AT 2:00 PM, 02/19/08. FLOWED 383 MCFD RATE ON 14/64" POS CHOKE. STATIC 356.

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

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

Designation of Agent/Operator  
 Merger

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

The operator of the well(s) listed below has changed, effective: **2/19/2008**

<b>FROM:</b> (Old Operator): N9550-EOG Resources 1060 E Hwy 40 Vernal, UT 84078 Phone: 1-(435) 781-9111	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	---

WELL NAME(S)	CA No.			Unit:		NATURAL BUTTES		
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 319-17E	17	100S	210E	4304737511	2900	Federal	GW	P
NBU 562-19E	19	100S	210E	4304737536	2900	State	GW	P
NBU 565-30E	30	100S	210E	4304737533	2900	State	GW	P

**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: Completion of well
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
- 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
- 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 n/a BIA n/a
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 2/6/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/6/2008
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

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

**COMMENTS:**

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement 9/17/03 from Westport

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

AMENDED REPORT  FORM 8  
(highlight changes)

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-22792</b>
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME <b>Natural Buttes Unit</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		8. WELL NAME and NUMBER: <b>Natural Buttes Unit 562-19E</b>
3. ADDRESS OF OPERATOR: <b>600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80229</b>		9. API NUMBER: <b>43-047-37536</b>
PHONE NUMBER: <b>(303) 824-5526</b>		10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes/Wasatch</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>859' FNL &amp; 859' FEL 39.938067 LAT 109.588303 LON</b>  AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>Same</b>  AT TOTAL DEPTH: <b>Same</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 19 10S 21E S</b>
		12. COUNTY <b>Uintah</b>
		13. STATE <b>UTAH</b>

14. DATE SPURRED: <b>10/8/2007</b>	15. DATE T.D. REACHED: <b>10/25/2007</b>	16. DATE COMPLETED: <b>2/19/2008</b>	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): <b>5123' NAT GL</b>
18. TOTAL DEPTH: MD <b>6,150</b> TVD	19. PLUG BACK T.D.: MD <b>6,101</b> 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) <b>RST/CBL/CCL/WVGR, Temp</b>			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (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
12-1/4	9-5/8 J-55	36.0	0	2,415		570			
7-7/8	4-1/2 N-80	11.6	0	6,144		890			

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	5,802							

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	4,912	5,970			5,820 5,970		3	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) <i>WSMWD</i>					5,571 5,631		3	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)					5,345 5,378		3	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)					5,253 5,271		3	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5820-5970	30,915 GALS GELLED WATER & 80,600# 20/40 SAND
5571-5631	32,998 GALS GELLED WATER & 91,000# 20/40 SAND
5345-5378	20,681 GALS GELLED WATER & 50,800# 20/40 SAND

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	<input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS: <b>Producing</b>
---	--	--	---	--------------------------------------

**RECEIVED**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 2/19/2008		TEST DATE: 2/23/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 1,005	WATER - BBL: 170	PROD. METHOD:
CHOKE SIZE: 14/64"	TBG. PRESS. 1,500	CSG. PRESS. 2,100	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,005	WATER - BBL: 170	INTERVAL STATUS:	

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch	4,912	5,970		Green River	1,246
				Mahogany	1,825
				Wasatch	4,360
				Chapita Wells	4,949
				Buck Canyon	5,662

35. ADDITIONAL REMARKS (Include plugging procedure)

See attached page for additional information.

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

NAME (PLEASE PRINT) Mary A. Maestas TITLE Regulatory Assistant  
 SIGNATURE *Mary A. Maestas* DATE 3/12/2008

This report must be submitted within 30 days of

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

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

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

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

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

**Natural Buttes Unit 562-19E - ADDITIONAL REMARKS (CONTINUED):**

**27. PERFORATION RECORD**

5084-5108	3/spf
4912-4925	3/spf

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

5253-5271	20,689 GALS GELLED WATER & 50,600# 20/40 SAND
5084-5108	29,082 GALS GELLED WATER & 76,900# 20/40 SAND
4912-4925	25,929 GALS GELLED WATER & 76,100# 20/40 SAND

Perforated the Ba from 5820-21', 5828-29', 5870-71', 5901-04' & 5964-70' w/ 3 spf.

Perforated the Ca from 5571-72', 5582-83', 5588-90', 5610-12', 5617-20' & 5628-31' w/ 3 spf.

Perforated the Ca from 5345-46', 5366-72' & 5375-78 w/ 3 spf.

Perforated the Ca from 5253-54', 5259-64', & 5267-71' w/ 3 spf.

Perforated the Ca from 5084-91', 5095-98', & 5106-08' w/ 3 spf.

Perforated the Pp from 4912-18' & 4920-25' w/ 3 spf.

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: NBU 562-19E

API number: 4304737536

Well Location: QQ NENE Section 19 Township 10S Range 21E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1,470	1,480	NO FLOW	NOT KNOWN
1,720	1,750	NO FLOW	NOT KNOWN

Formation tops:            1 \_\_\_\_\_            2 \_\_\_\_\_            3 \_\_\_\_\_  
 (Top to Bottom)            4 \_\_\_\_\_            5 \_\_\_\_\_            6 \_\_\_\_\_  
                                      7 \_\_\_\_\_            8 \_\_\_\_\_            9 \_\_\_\_\_  
                                      10 \_\_\_\_\_           11 \_\_\_\_\_           12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE Mary A. Maestas

DATE 3/12/2008

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-22792**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
**Natural Buttes Unit**

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

8. WELL NAME and NUMBER:  
**Natural Buttes Unit 562-19E**

2. NAME OF OPERATOR:  
**EOG Resources, Inc.**

9. API NUMBER:  
**43-047-37536**

3. ADDRESS OF OPERATOR:  
**1060 East Highway 40 Vernal UT 84078**

PHONE NUMBER:  
**(435) 781-9145**

10. FIELD AND POOL, OR WILDCAT:  
**Natural Buttes/Wasatch**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **859' FNL & 859' FEL 39.938067 LAT 109.588303 LON**

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 19 10S 21E S.L.B. & M.**

STATE: **UTAH**

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

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

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

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 12/16/2008.

NAME (PLEASE PRINT) Mickenzie Thacker

TITLE Operations Clerk

SIGNATURE *Mickenzie Thacker*

DATE 2/10/2009

(This space for State use only)

**RECEIVED**  
**FEB 12 2009**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
Multiple Leases

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
EOG Resources, Inc

3a. Address  
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)  
435-781-9145

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

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

8. Well Name and No.  
Multiple Wells

9. API Well No.  
See Attached

10. Field and Pool or Exploratory Area  
Natural Buttes

11. Country or Parish, State  
Utah, Utah

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP  
1099 18th Street, Suite 1800  
Denver, CO 80202-1918

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only *ER 1/31/2010*

By: Michael A. Nixon Date: 12/17/2009  
Michael A. Nixon  
Agent and Attorney-in-Fact

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

Name (Printed/Typed)  
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature [Signature] Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date **DEC 24 2009**

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

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

Lease #	API #	Well Name	Footages	Legal Description
UTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SESW
UTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
UTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SESW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
UTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
UTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
UTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
UTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
UTUO1791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
UTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
UTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
UTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
UTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
UTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
UTUO1393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
UTUO575	4304730380	NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
ML01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
UTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
UTUO575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
UTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
UTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
UTUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
UTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
ML21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
UTUO1193	4304730464	NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
UTUO1198B	4304730463	NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
UTUO37167	4304730477	NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
UTU10186	4304730466	NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
UTUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
UTU4476	4304730578	NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
UTUO141315	4304731150	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
UTUO1791	4304731238	NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
UTUO1791	4304731165	NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SESW
UTUO1393B	4304731177	NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
UTUO149076	4304731153	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
UTUO284	4304731156	NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
UTUO284	4304731267	NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
UTU22650	4304731268	NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
ML22651	4304731282	NBU 217-02	2045' FSL 766' FWL	T10S-R22E-02-NWSW
UTUO2270A	4304731310	NBU 218-17	2600' FNL 1500' FWL	T10S-R21E-17-SESW
UTUO149076	4304731308	NBU 219-24	1300' FNL 500' FWL	T09S-R21E-24-NWNW
UTUO149076	4304732131	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-SWSE
UTUO1791	4304732010	NBU 302-09E	1899' FSL 912' FWL	T10S-R21E-09-NWSW
UTUO575	4304732130	NBU 304-18E	782' FSL 1783' FEL	T09S-R21E-18-SWSE
UTUO149767	4304732135	NBU 305-07E	670' FNL 1950' FWL	T09S-R21E-07-NENW
UTUO581	4304732282	NBU 306-18E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
UTUO1791	4304732014	NBU 307-06E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
UTUO284	4304732202	NBU 308-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
UTUO575	4304732283	NBU 309-20E	930' FNL 667' FEL	T09S-R21E-20-NENE
UTUO149075	4304732203	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
UTUO581	4304732378	NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UTUO141315	4304732271	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
UTUO575	4304732381	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UTUO144868B	4304732362	NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UTUO2270A	4304737511	NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
UTUO1188	4304732379	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UTUO575B	4304732376	NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UTUO1393B	4304733697	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UTUO1393B	4304739303	NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1)
UTU4485	4304732386	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UTUO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

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Lease #	API #	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENW
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
UTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
UTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
UTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
UTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
UTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
UTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
UTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
UTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
UTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
UTUO149076	4304733056	NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
UTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
UTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
UTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
UTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
UTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
UTU4485	4304733071	NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
UTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
UTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
UTUO581	4304734216	NBU 421-29E	1985 FNL, 972 FEL	T09S-R21E-29-SENE
UTUO581	4304733698	NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
UTUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
ML3142	4304733699	NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
UTUO2270A	4304740049	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (Lot 4)
UTUO1791	4304733069	NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
UTUO2270A	4304738536	NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENW
UTUO2270A	4304738376	NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
UTUO2270A	4304734195	NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
UTUO2270A	4304735499	NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
ML22792	4304737534	NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
ML22792	4304737535	NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
UTUO10953	4304736279	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
ML22651	4304736053	NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
UTUO141315	4304733063	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
UTUO581	4304733065	NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
UTUO575	4304733784	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
UTUO2270A	4304739897	NBU 486-07E	1895 FSL' 1834' FWL	T10S-R21E-07-NESW
UTUO575B	4304733121	NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
UTUO2270A	4304733123	NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
UTUO577A	4304733140	NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
UTUO1791	4304733124	NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
UTUO1197A ST	4304739283	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENW
UTUO2270A	4304733696	NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
UTUO141315	4304733779	NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
UTUO575B	4304733780	NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
UTUO1188	4304733781	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
UTUO2270A	4304733685	NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UTUO2270A	4304733701	NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
UTUO2270A	4304739722	NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
UTUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UTUO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
ML22791	4304735252	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UTUO2270A	4304735253	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

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Lease #	API #	Well Name	Footages	Legal Description
UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278	4304737512	NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791	4304738529	NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278	4304738374	NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	4304738510	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B	4304739305	NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B	4304739655	NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B	4304739337	NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B	4304739336	NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B	4304739414	NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST	4304739192	NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	4304739193	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST	4304739190	NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST	4304739191	NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST	4304750016	NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST	4304750019	NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST	4304750014	NBU 640-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512A ST	4304750058	NBU 641-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO8512 ST	4304750013	NBU 642-13E	1949' FNL 858' FEL	T10S-R22E-13-SENE
UTUO2270A	4304739957	NBU 653-07E	660' FNL 1980' FWL	T10S-R21E-07-NENW
UTUO2270A	4304739956	NBU 654-07E	1913' FNL 522' FWL	T10S-R21E-07-SWNW
UTUO2270A	4304739860	NBU 655-07E	1926' FSL 750' FWL	T10S-R21E-07-NWSW
UTUO1791	4304739856	NBU 658-01E	2177' FNL 1784' FEL	T10S-R20E-01-SWNE
UTUO2270A	4304739858	NBU 660-12E	661' FNL 691' FEL	T10S-R20E-12-NENE
ML22790	4304750011	NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-24-NWSW
ML22790	4304750017	NBU 662-24E	809' FSL 807' FWL	T10S-R20E-24-SWSW
ML22790	4304750010	NBU 663-24E	810' FSL 1979' FWL	T10S-R20E-24-SESW
ML22790	4304739867	NBU 664-24E	1810' FNL 1781' FEL	T10S-R20E-24-NWSE
ML22790	4304750018	NBU 665-24E	1950' FSL 660' FEL	T10S-R20E-24-NESE
ML22790	4304750057	NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-SWSE
ML22790	4304750012	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SESE
UTUO2270A	4304739901	NBU 668-12E	859' FNL 1915' FEL	T10S-R20E-12-NWNE
UO1207 ST	4304740084	NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
UO1207 ST	4304750027	NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
ML3140.5	4304738330	NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
UTU4476	4304738632	NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
ML22792	4304738332	NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
ML3142	4304738331	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
UTUO1791	4304738633	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

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DEC 24 2009

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>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22792	
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>	
		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES	
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 562-19E		
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047375360000		
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0859 FNL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> UINTAH		
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 04/11/2011.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>			
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst	
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/3/2011		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22792	
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>	
		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES	
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 562-19E		
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047375360000		
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6511	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0859 FNL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> UINTAH		
	<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/6/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THE SUBJECT WELL WAS RETURNED BACK TO PRODUCTION ON 03/06/2012.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 12, 2012</b>			
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/9/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22792
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 562-19E
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047375360000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6111
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0859 FNL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> 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> Approximate date work will start: 5/23/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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> 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> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

THE OPERATOR RESPECTFULLY REQUESTS TO PLUG AND ABANDON THE SUBJECT WELL. PLEASE SEE THE ATTACHED PROCEDURE FOR DETAILS

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

**Date:** July 09, 2014  
**By:** *Derek Duff*

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Teena Paulo	<b>PHONE NUMBER</b> 720 929-6236	<b>TITLE</b> Staff Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/23/2014	



**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 43047375360000**

- 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 they are at the depths specified in the procedure.**
  - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
  - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
  - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. 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.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

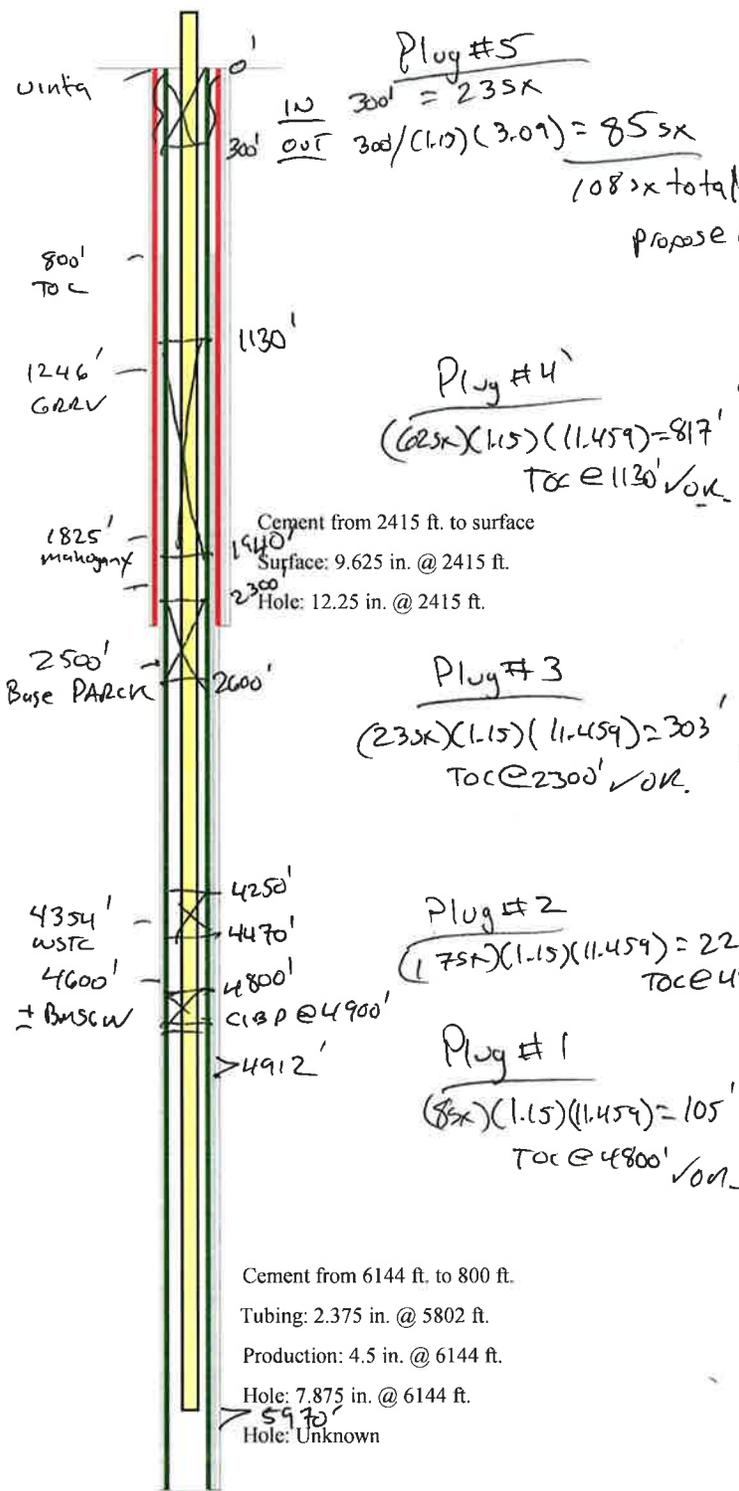
7/9/2014

# Wellbore Diagram

r263

**API Well No:** 43-047-37536-00-00    **Permit No:**    **Well Name/No:** NBU 562-19E  
**Company Name:** KERR-MCGEE OIL & GAS ONSHORE, L.P.  
**Location:** Sec: 19 T: 10S R: 21E Spot: NENE    **String Information**  
**Coordinates:** X: 620614 Y: 4421839  
**Field Name:** NATURAL BUTTES  
**County Name:** Uintah

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity f/ft
HOL1	2415	12.25			
SURF	2415	9.625	36	2415	
HOL2	6144	7.875			
PROD	6144	4.5	11.6	6144	11.459
T1	5802	2.375			



**Cement Information**

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6144	800	G	225
PROD	6144	800	50	665
SURF	2415	0	PP	570

**Perforation Information**

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4912	5970			

**Formation Information**

Formation	Depth
WSTC	4354
BMSW	4600
CHPTA	4966
BUKCN	5681
Uintah	0'
GRNV	1246'
PARCK Base	2500'
Mahogany Bach	1825'

Cement from 6144 ft. to 800 ft.  
 Tubing: 2.375 in. @ 5802 ft.  
 Production: 4.5 in. @ 6144 ft.  
 Hole: 7.875 in. @ 6144 ft.  
 Hole: Unknown

TD: 6150 TVD: 6150 PBTD: 6101

**NBU 562-19E**  
**859' FNL & 859' FEL**  
**NENE SEC. 19, T10S, R21E**  
**Uintah County, UT**

**KBE:** 5136'  
**GLE:** 5123'  
**TD:** 6150'  
**PBTD:** 6101'

**API NUMBER:** 4304737536  
**LEASE NUMBER:** ML-22792

**CASING :** 12 ¼" hole  
 9.625" 36# J-55 @ 2415'  
 Cmt w/ 570 sx

7.875" hole  
 4.5" 11.6# N-80 @ 6101'  
 TOC @ ~800'

**PERFORATIONS:** Wasatch 4912' - 5970'

**TUBING:** 2 3/8" 4.7# J-55 tbg at 5802, per completion report dated 2/14/08.

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal/ft.	Cuft/ft.	Bbl/ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 ½" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1246'
Bird's Nest	1362'
Mahogany	1825'
Base of Parachute	~2500'
Wasatch	4360'

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

USDW Elevation	~0' MSL
USDW Depth	~5136' KBE

## **NBU 562-19E PLUG & ABANDONMENT PROCEDURE**

### **GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S 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.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

### **PROCEDURE**

**Note:** Approx. **211 sx** Class "G" cement needed for procedure & **(1) 4.5" CIBP**

**Note:** No gyro survey on record for this wellbore.

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4912' - 5970')RIH W/ 4 ½" CIBP. SET @ ~4900'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF 8.7 CUFT / 1.5 BBL /~8 SX ON TOP OF PLUG. PUH ABOVE TOC (~4800'). REVERSE CIRCULATE W/ TREATED WATER (~5.1 BBLS).**
5. **PLUG #2, PROTECT WASATCH TOP (4360'); PUH TO ~4470'. BRK CIRC W/ FRESH WATER. DISPLACE 19.2 CUFT / 3.4 BBL /~17 SX AND BALANCE PLUG W/ TOC @ ~4250' (220' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~25.6 BBLS).**
6. **PLUG #3, PROTECT BASE OF PARACHUTE (~2500'); PUH TO ~2600'. BRK CIRC W/ FRESH WATER. DISPLACE 26.2 CUFT / 4.7 BBL /~23 SX AND BALANCE PLUG W/ TOC @ ~2300' (300' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~5.6 BBLS).**
7. **PLUG #4, PROTECT TOP OF MAHOGANY (1825'), TOP OF BIRD'S NEST (~1362') & TOP OF GREEN RIVER (1246'); PUH TO ~1940'. BRK CIRC W/ FRESH WATER. DISPLACE 70.6 CUFT / 12.6 BBL /~62 SX AND BALANCE PLUG W/ TOC @ ~1130' (810' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~12.9 BBLS).**
8. **PLUG #5, FILL SURFACE HOLE & ANNULUS: POOH. HOOK UP 1" PIPE AND PUMP 115.5 CUFT / 20.6 BBL /~101 SX OR SUFFICIENT VOLUME TO FILL 4 ½" CASING AND 4.5" X 9.625" ANNULUS F/ 300' TO SURFACE.**
9. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

ALM 5/7/2014

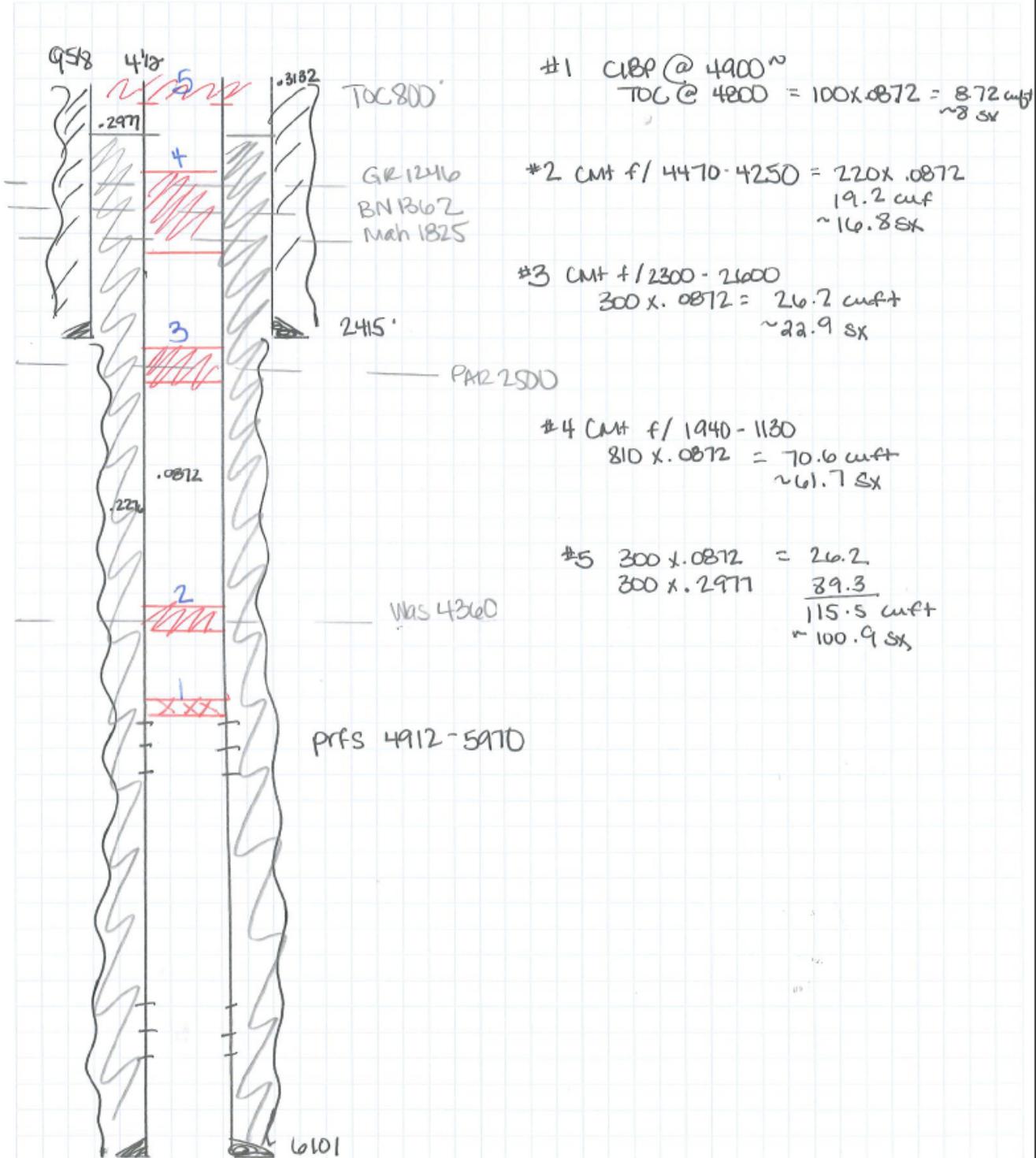


PROJECT COMPUTATIONS

NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS

DATE \_\_\_\_\_ PROJECT NBU 562-19E JOB NO. \_\_\_\_\_

BY \_\_\_\_\_ CHK.: \_\_\_\_\_ SUBJECT \_\_\_\_\_



Sundry Number: 51450 API Well Number: 43047375360000

RECEIVED: May. 23, 2014



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1634

Mr. Andy Lytle  
Kerr-McGee Oil and Gas Onshore  
1099 18<sup>TH</sup> Street  
Denver, CO 80202

43 047 37536  
NBU 562-19 E  
19 105 21E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Lytle:

As of April 2014, Kerr-McGee Oil and Gas Onshore (Kerr-McGee) has nineteen (19) State Lease Wells and one (1) Fee Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Thirteen (13) wells were added to Kerr-McGee's SI/TA list in 2014.

Seven (7) of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Three (3) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to unknown status of well integrity. The Division acknowledges that Kerr-McGee has plans to plug two (2) of the wells listed (attachment A) and has approved plugging procedures.

Kerr-McGee shall submit plans for each well stating which wells will be plugged with accompanying procedures, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File

Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>	<b>Prior Notice</b>
1	BONANZA 1023-16J	43-047-37092	ML-22186-A	<b>7 years 1 month</b>	2 <sup>ND</sup> NOTICE
2	NBU 921-34L	43-047-36388	STUO-1194-A	<b>5 years</b>	2 <sup>ND</sup> NOTICE
3	CIGE 79D	43-047-30896	ML-23612	4 years 4 months	2 <sup>ND</sup> NOTICE
4	NBU 921-33J (will PA 6/2/14)	43-047-36394	STUO-015630	<b>5 years 2 months</b>	2 <sup>ND</sup> NOTICE
5	CIGE 3-32-9-22	43-047-30320	ML-22649	3 years 11 months	1 <sup>ST</sup> NOTICE
6	NBU 31-12B	43-047-30385	ML-01197-A	2 years 10 months	1 <sup>ST</sup> NOTICE
7	NBU 69N2	43-047-31090	U-01194-ST	3 years 3 months	1 <sup>ST</sup> NOTICE
8	BONANZA 1023-20	43-047-35662	ML-47062	1 year 1 month	
9	CIGE 140	43-047-31977	ML-10755	1 year	
10	CIGE 224	43-047-32883	ML-2252	1 year	
11	CIGE 239	43-047-33206	ML-22582	1 year 6 months	
12	CIGE 284	43-047-34792	ML-23612	1 year 2 months	
13	CIGE 5	43-047-30335	U01207A-ST	1 year 3 months	
14	HALL ET AL 31 18	43-047-30664	FEE	1 year 1 month	
15	MORGAN STATE 13-36	43-047-32817	ML-22265	1 year 11 months	
16	NBU 1021-16G	43-047-35111	ML-10755	1 year 4 months	
→ 17	NBU 562-19E (will PA 5/23/14)	43-047-37536	ML-22792	1 year	
18	STATE 1022-32I	43-047-35648	ML-22798	1 year 2 months	
19	TRIBAL 31-60	43-047-33340	ML-28048	1 year 2 months	
20	WONSITS ST 2-32	43-047-32819	ML-47780	1 year	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22792
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 562-19E
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047375360000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100  <b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0859 FNL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/9/2014			

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

In reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporary Abandoned Well Requirements the NBU 562-19E has been plugged and abandoned, see the attached operations summary report. Surface reclamation shall be done in accordance with R649-3-34. Thank you.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 14, 2014

<b>NAME (PLEASE PRINT)</b> Kay E. Kelly	<b>PHONE NUMBER</b> 720 929 6582	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/13/2014	

US ROCKIES REGION  
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 562-19E				Spud Date: 10/8/2007				
Project: UTAH-UINTAH			Site: NBU 562-19E			Rig Name No: GWS 1/1		
Event: ABANDONMENT			Start Date: 9/8/2014		End Date: 10/9/2014			
Active Datum: RKB @5,136.00usft (above Mean Sea Level)				UWI: NBU 562-19E				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/7/2014	6:45 - 7:00	0.25	ABANDP	48		P		HSM.
	7:00 - 9:00	2.00	ABANDP	30	G	P		ROAD RIG F/ NBU 1022-5B1CS.
	9:00 - 10:30	1.50	ABANDP	30	A	P		MIRU RIG. SPOT EQUIP.
	10:30 - 16:30	6.00	ABANDP	45	A	P		SICP = 1100 PSI. BLOW WELL DOWN T/ FBT. RIG PUMP T/ TBG. PUMP 40 BBLS T-MAC. TBG WENT ON VAC. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 41/16 FMC TBG HNGR. MIRU SCAM TECH. POOH SCAN TBG. FOUND 155 JTS 2 3/8 J-55 TOTAL IN WELL. 84 YB, 63 BB, 9 RB. ( MOST REJECTED JTS WERE F/ INTERNAL PITTING ) RDMO SCAM TECH. SWIFN.
10/8/2014	6:45 - 7:00	0.25	ABANDP	48		P		HSM. DO NOT WALK UNDER WL WHILE WL IS MOVING.
	7:00 - 10:00	3.00	ABANDP	35	E	P		SICP = 750 PSI. BLOW WELL DOWN T/ FBT. RIG PUMP T/ CSG. PUMP 40 BBLS T-MAC T/ CONT WELL. MIRU MULTI SHOT SL. RIH GYRO WELL BORE F/ SURFACE T/ 5896'. RDMO MULTI SHOT.
	10:00 - 15:00	5.00	ABANDP	31	I	P		PU 41/2, 10K CIBP. RIH W/ 150 JTS 23/8 J-55 TBG. SET CIBP @ 4857'. P/U 10'. PSI TEST CSG & PLUG T/ 500 PSI. HELD FOR 15 MIN. GOOD TEST. BLEED OFF PSI. SWIFN. READY T/ CMT IN THE .AM.
10/9/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, WORKING AROUND CEMENTERS
	7:15 - 8:30	1.25	ABANDP	51	D	P		OPEN WELL 0# SIP, SPOT CEMENT ON TOP OF CIBP @=4,900', 100" CEMENT ON PLUG.
	8:30 - 10:00	1.50	ABANDP	51	D	P		PLUG #2]L/D 16 JNTS 2-3/8 OUT EOT @=4,470', DISPLACE 19.2 CU/FT W/ 3.4 BBLS, 17 SX CLASS G CEMENT [W/ 220' COVERAGE.
	10:00 - 11:00	1.00	ABANDP	51	D	P		PLUG#3]L/D 70 JNTS 2-3/8 OUT, EOT @=2,600', DISPLACE 26.2 CU/FT W/ 4.7 BBLS, 23 SX CLASS G CEMENT [ 300' COVERAGE]
	11:00 - 14:00	3.00	ABANDP	51	D	P		PLUG #4] L/D 140 JNTS 2-3/8 OUT EOT @=1,940', DISPLACE 70.6 CU/FT, 12.6 BBLS, 62 SX CLASS G CEMENT [300' COVERAGE]
	14:00 - 17:00	3.00	ABANDP	51	D			PLUG #5] L/D REMAINING TBG, LEAVE 320' TBG REMAINING IN HOLE, PUMP CEMENT TO SURFACE IN 4-1/2 CSG, L/D 10 JNTS, DIG AROUND SURFACE, CUT OFF TOP OFF SURFACE CSG W/ CEMENT, TOP OFF 4-1/2 CSG, PUT MARKER ON WELL HEAD

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22792
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 562-19E
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047375360000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100  <b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0859 FNL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/9/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

In reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporary Abandoned Well Requirements the NBU 562-19E has been plugged and abandoned, see the attached operations summary report. Surface reclamation shall be done in accordance with R649-3-34. Thank you.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 20, 2014

<b>NAME (PLEASE PRINT)</b> Kay E. Kelly	<b>PHONE NUMBER</b> 720 929 6582	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/20/2014	

US ROCKIES REGION  
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 562-19E					Spud Date: 10/8/2007			
Project: UTAH-UINTAH			Site: NBU 562-19E			Rig Name No: GWS 1/1		
Event: ABANDONMENT			Start Date: 9/8/2014		End Date: 10/9/2014			
Active Datum: RKB @5,136.00usft (above Mean Sea Level)				UWI: NBU 562-19E				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
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	7:00 - 9:00	2.00	ABANDP	30	G	P		ROAD RIG F/ NBU 1022-5B1CS.
	9:00 - 10:30	1.50	ABANDP	30	A	P		MIRU RIG. SPOT EQUIP.
	10:30 - 16:30	6.00	ABANDP	45	A	P		SICP = 1100 PSI. BLOW WELL DOWN T/ FBT. RIG PUMP T/ TBG. PUMP 40 BBLS T-MAC. TBG WENT ON VAC. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 41/16 FMC TBG HNGR. MIRU SCAM TECH. POOH SCAN TBG. FOUND 155 JTS 2 3/8 J-55 TOTAL IN WELL. 84 YB, 63 BB, 9 RB. ( MOST REJECTED JTS WERE F/ INTERNAL PITTING ) RDMO SCAM TECH. SWIFN.
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	7:15 - 8:30	1.25	ABANDP	51	D	P		OPEN WELL 0# SIP, SPOT CEMENT ON TOP OF CIBP @=4,900', 100" CEMENT ON PLUG.
	8:30 - 10:00	1.50	ABANDP	51	D	P		PLUG #2]L/D 16 JNTS 2-3/8 OUT EOT @=4,470', DISPLACE 19.2 CU/FT W/ 3.4 BBLS, 17 SX CLASS G CEMENT [W/ 220' COVERAGE.
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	11:00 - 14:00	3.00	ABANDP	51	D	P		PLUG #4] L/D 140 JNTS 2-3/8 OUT EOT @=1,940', DISPLACE 70.6 CU/FT, 12.6 BBLS, 62 SX CLASS G CEMENT [300' COVERAGE]
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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22792
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 562-19E
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047375360000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100  <b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0859 FNL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> Uintah  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2014			

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

in reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporary Abandoned Well Requirements the NBU 562-19E has been plugged and abandoned, see the attached operations summary report. Surface reclamation shall be done in accordance with R649-3-34. Thank you.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 07, 2014

<b>NAME (PLEASE PRINT)</b> Kay E. Kelly	<b>PHONE NUMBER</b> 720 929 6582	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/6/2014	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 562-19E

Spud Date: 10/8/2007

Project: UTAH-UINTAH

Site: NBU 562-19E

Rig Name No: GWS 1/1

Event: ABANDONMENT

Start Date: 9/8/2014

End Date: 10/9/2014

Active Datum: RKB @5,136.00usft (above Mean Sea Level)

UWI: NBU 562-19E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/7/2014	6:45 - 7:00	0.25	ABANDP	48		P		HSM.
	7:00 - 9:00	2.00	ABANDP	30	G	P		ROAD RIG F/ NBU 1022-5B1CS.
	9:00 - 10:30	1.50	ABANDP	30	A	P		MIRU RIG. SPOT EQUIP.
	10:30 - 16:30	6.00	ABANDP	45	A	P		SICP = 1100 PSI. BLOW WELL DOWN T/ FBT. RIG PUMP T/ TBG. PUMP 40 BBLS T-MAC. TBG WENT ON VAC. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 41/16 FMC TBG HNGR. MIRU SCAM TECH. POOH SCAN TBG. FOUND 155 JTS 2 3/8 J-55 TOTAL IN WELL. 84 YB, 63 BB, 9 RB. ( MOST REJECTED JTS WERE F/ INTERNAL PITTING ) RDMO SCAM TECH. SWIFN.
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	7:00 - 10:00	3.00	ABANDP	35	E	P		SICP = 750 PSI. BLOW WELL DOWN T/ FBT. RIG PUMP T/ CSG. PUMP 40 BBLS T-MAC T/ CONT WELL. MIRU MULTI SHOT SL. RIH GYRO WELL BORE F/ SURFACE T/ 5896'. RDMO MULTI SHOT.
	10:00 - 15:00	5.00	ABANDP	31	I	P		PU 41/2, 10K CIBP. RIH W/ 150 JTS 23/8 J-55 TBG. SET CIBP @ 4857'. P/U 10'. PSI TEST CSG & PLUG T/ 500 PSI. HELD FOR 15 MIN. GOOD TEST. BLEED OFF PSI. SWIFN. READY T/ CMT IN THE .AM.
10/9/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, WORKING AROUND CEMENTERS
	7:15 - 8:30	1.25	ABANDP	51	D	P		OPEN WELL 0# SIP, SPOT CEMENT ON TOP OF CIBP @=4,900', 100" CEMENT ON PLUG.
	8:30 - 10:00	1.50	ABANDP	51	D	P		PLUG #2]L/D 16 JNTS 2-3/8 OUT EOT @=4,470', DISPLACE 19.2 CU/FT W/ 3.4 BBLS, 17 SX CLASS G CEMENT [W/ 220' COVERAGE.
	10:00 - 11:00	1.00	ABANDP	51	D	P		PLUG#3]L/D 70 JNTS 2-3/8 OUT, EOT @=2,600', DISPLACE 26.2 CU/FT W/ 4.7 BBLS, 23 SX CLASS G CEMENT [ 300' COVERAGE]
	11:00 - 14:00	3.00	ABANDP	51	D	P		PLUG #4] L/D 140 JNTS 2-3/8 OUT EOT @=1,940', DISPLACE 70.6 CU/FT, 12.6 BBLS, 62 SX CLASS G CEMENT [300' COVERAGE]
	14:00 - 17:00	3.00	ABANDP	51	D			PLUG #5] L/D REMAINING TBG, LEAVE 320' TBG REMAINING IN HOLE, PUMP CEMENT TO SURFACE IN 4-1/2 CSG, L/D 10 JNTS, DIG AROUND SURFACE, CUT OFF TOP OFF SURFACE CSG W/ CEMENT, TOP OFF 4-1/2 CSG, PUT MARKER ON WELL HEAD  LAT. 39.9938085 LONG. -109.588299



October 2, 2014

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple  
Ste. 1210  
Salt Lake City, UT 84116

RECEIVED  
OCT 09 2014  
DIV. OF OIL, GAS & MINING

**ATTENTION: Dustin Doucet**

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated September 4, 2014

Dear Mr. Doucet,

We are in receipt of your letter dated September 4, 2014 regarding the shut-in and temporarily abandoned status of wells operated by Kerr-McGee Oil and Gas Onshore. All required sundry notices have been filed as requested in the letter. Some wells documented in the letter previously had Plug and Abandonment procedures and notice of intent sundry notices submitted. Anadarko intends to Plug and Abandon the applicable wells by the end of the first quarter-2015.

The attached list explains the current well statuses and go forward plans for each well documented in the September 4, 2014 letter.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at [andy.lytle@anadarko.com](mailto:andy.lytle@anadarko.com).

Sincerely,

A handwritten signature in black ink, appearing to be "A. Lytle", written over a white background.

Andy Lytle  
Regulatory Supervisor

WELL NAME	API	LEASE	YEARS INACTIVE	PRIOR NOTICE	COMMENTS
BONANZA 1023-16J	4304737092	ML22186A	7 YEARS 1 MONTH	2ND NOTICE	PA NOI Sundry submitted 10/03/2014.
NBU 921-34L	4304736388	STUO1194A	5 YEARS	2ND NOTICE	Sundry submitted 09/16/2014 for the conversion to a monitor well (Not previously reported in 2012) and yearly status for a monitor well.
CIGE 79D	4304730896	ML23612	4 YEARS 4 MONTHS	2ND NOTICE	Sundry submitted 09/16/2014, yearly status for a monitor well.
NBU 921-33J	4304736394	STUO015630	5 YEARS 2 MONTHS	2ND NOTICE	PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
CIGE 3-32-9-22	4304730320	ML22649	3 YEARS 11 MONTHS	1ST NOTICE	PA Sundry approved 08/07/2012, on rig schedule for week of October 6-2014.
NBU 31-12B	4304730385	ML01197A	2 YEARS 10 MONTHS	1ST NOTICE	PA Sundry approved 07/23/2013, on rig schedule for week of October 6-2014.
NBU 69N2	4304731090	U01194ST	3 YEARS 3 MONTHS	1ST NOTICE	PA NOI Sundry submitted 10/03/2014.
BONANZA 1023-20	4304735662	ML47062	1 YEAR 1 MONTH		Return to Production sundry submitted 10/03/2014. Producing since 04/25/2014, production accounting has been reporting production to UDOGM as of April 2014.
CIGE 140	4304731977	ML10755	1 YEAR		PA NOI Sundry submitted 10/02/2014.
CIGE 224	4304732883	ML2252	1 YEAR		PA NOI Sundry submitted 10/01/2014.
CIGE 239	4304733206	ML22582	1 YEAR 6 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 06/14/2014, production accounting has been reporting production to UDOGM as of June 2014.
CIGE 284	4304734792	ML23612	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 03/29/2014, production accounting has been reporting production to UDOGM as of March 2014.
CIGE 5	4304730335	U01207AST	1 YEAR 3 MONTHS		Sundry submitted 10/03/2014. This well is currently surface commingled with the NBU 922-31JT-1T meter. The well was mistakenly made in-active, therefore production was not allocating. The well has been made active and is presently allocating. 12/17/2009 a sundry for surface commingling was approved by UDOGM.
HALL ET AL 31 18	4304730664	FEE	1 YEAR 1 MONTH		PA NOI Sundry submitted 09/30/2014.
MORGAN STATE 13-36	4304732817	ML22265	1 YEAR 11 MONTHS		PA NOI Sundry submitted 09/30/2014.
NBU 1021-16G	4304735111	ML10755	1 YEAR 4 MONTHS		PA NOI Sundry submitted 10/03/2014.
NBU 562-19E	4304737536	ML22792	1 YEAR		PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
STATE 1022-32I	4304735648	ML22798	1 YEAR 2 MONTHS		PA NOI Sundry submitted 09/30/2014.
TRIBAL 31-60	4304733340	ML28048	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. A new meter installed 09/30/2014, well is currently intermitting.
WONSITS ST 2-32	4304732819	ML47780	1 YEAR		PA NOI Sundry submitted 10/01/2014.