

**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>U-02278</b>	6. SURFACE: <b>State</b>
1A. TYPE OF WORK:    DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL:    OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____    SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: <b>NATURAL BUTTES UNIT</b>	
2. NAME OF OPERATOR: <b>EOG RESOURCES, INC.</b>		9. WELL NAME and NUMBER: <b>NATURAL BUTTES UNIT 572-17E</b>	
3. ADDRESS OF OPERATOR: <b>1060 E. HIGHWAY 40</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		PHONE NUMBER: <b>(435) 789-0790</b>	10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES/WASATCH-MESAVERDE</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>1810 FSL 739 FEL</b> <b>39.945494</b> LAT <b>109.568964</b> LON		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE 17 10S 21E S</b>	
AT PROPOSED PRODUCING ZONE: <b>SAME</b> <b>44224854</b> <b>-169.568274</b>			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>45.7 MILES SOUTH OF VERNAL</b>		12. COUNTY: <b>UINTAH</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>739</b>	16. NUMBER OF ACRES IN LEASE: <b>1440</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>3930</b>	19. PROPOSED DEPTH: <b>9,854</b>	20. BOND DESCRIPTION: <b>NM 2308</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5191 GL</b>	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: <b>45 DAYS</b>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2	13-3/8	H-40	48	45	SEE ATTACHED EIGHT POINT PLAN
12-1/4	9-5/8	J-55	36	2,300	SEE ATTACHED EIGHT POINT PLAN
7-7/8	4-1/2	N-80	11.6	9,854	SEE ATTACHED EIGHT POINT PLAN

**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) Kaylene R. Gardner    TITLE Regulatory Assistant  
SIGNATURE *Kaylene R. Gardner*    DATE 7/12/2006

(This space for State use only)

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

**RECEIVED**  
**JUL 14 2006**  
**DIV. OF OIL, GAS & MINING**

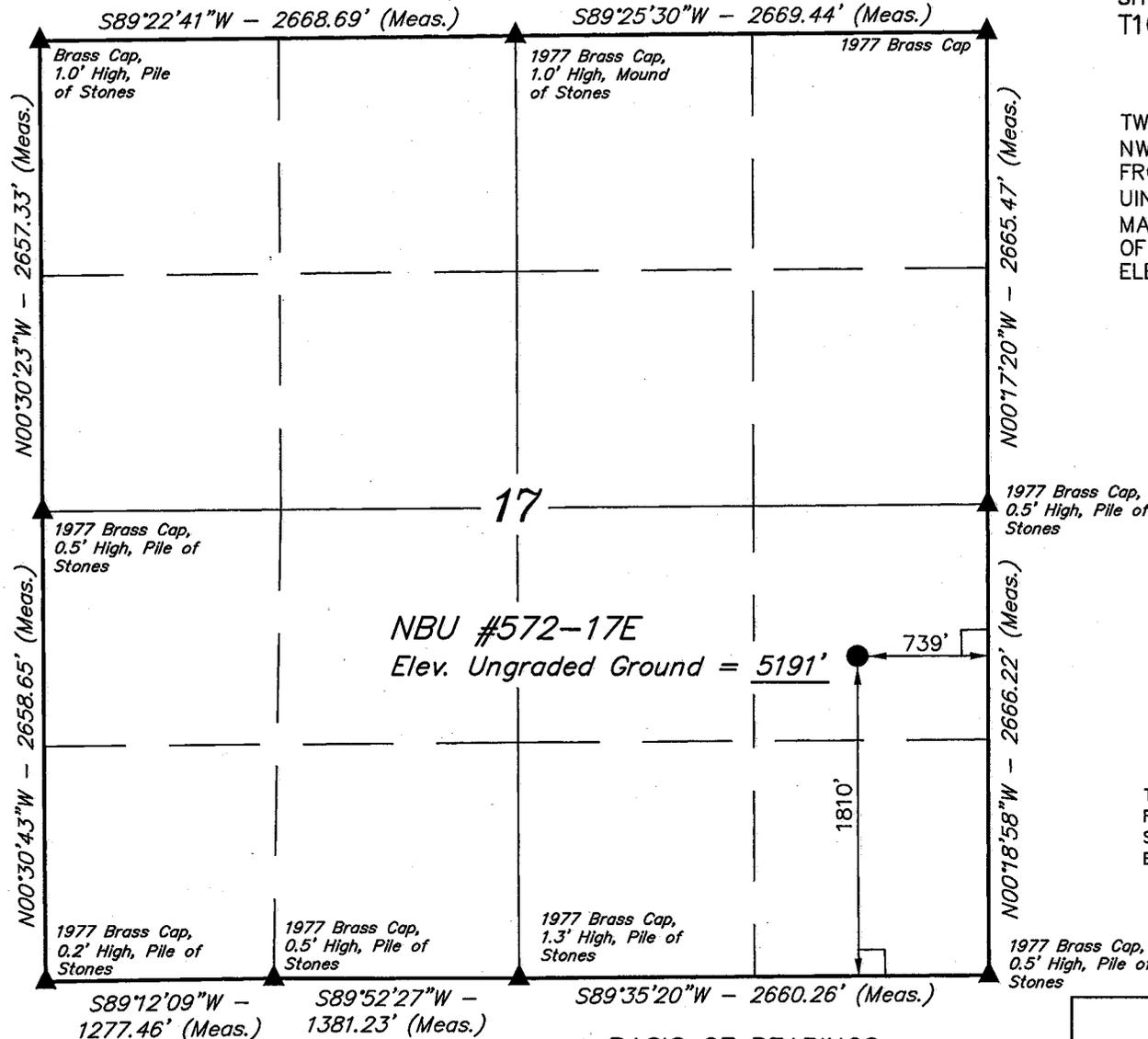
API NUMBER ASSIGNED: 43-047-38374

APPROVAL:  
Date: 04-10-0700  
By: *[Signature]*

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

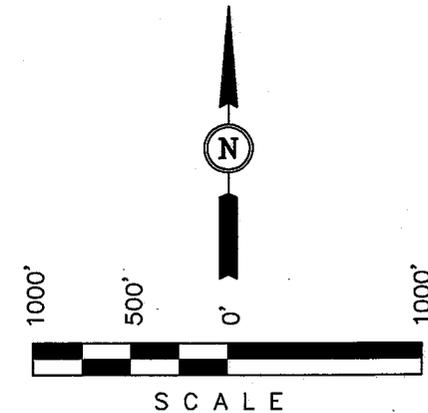
EOG RESOURCES, INC.

Well location, NBU #572-17E, located as shown in the NE 1/4 SE 1/4 of Section 17, T10S, R21E, S.L.B.&M., Uintah County, Utah.



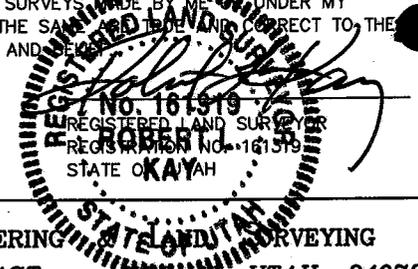
## BASIS OF ELEVATION

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.



## CERTIFICATE

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



## BASIS OF BEARINGS

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

(NAD 83)  
 LATITUDE =  $39^{\circ}56'43.78''$  (39.945494)  
 LONGITUDE =  $109^{\circ}34'08.27''$  (109.568964)  
 (NAD 27)  
 LATITUDE =  $39^{\circ}56'43.91''$  (39.945531)  
 LONGITUDE =  $109^{\circ}34'05.79''$  (109.568275)

## LEGEND:

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

**UNTAH ENGINEERING AND SURVEYING**  
 85 SOUTH 200 EAST - CANYON, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-26-06	DATE DRAWN: 06-28-06
PARTY G.S. K.C. S.L.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

**EIGHT POINT PLAN**

**NATURAL BUTTE UNIT 572-17E**  
**NE/SE, SEC. 17, 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	1,300'
Wasatch	4,475'
Chapita Wells	5,111'
Buck Canyon	5,809'
North Horn	6,346'
Island	7,199'
KMV Price River	7,328'
KMV Price River Middle	8,310'
KMV Price River Lower	9,119'
Sego	9,654'

Estimated TD: **9,854' or 200'± below Se-go top**

**Anticipated BHP: 5,380 Psig**

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the proposed wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from open hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

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 – 5000 Psig  
BOP schematic diagrams 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>
Conductor:	17 1/2"	0' – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12-1/4"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production:	7-7/8"	2,300'± – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

**Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.**

**EIGHT POINT PLAN**

**NATURAL BUTTE UNIT 572-17E**  
**NE/SE, SEC. 17, T10S, R21E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**5. Float Equipment:**

**Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

**Float Equipment: (Cont'd)**

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' 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. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - 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

**EIGHT POINT PLAN**

**NATURAL BUTTE UNIT 572-17E**  
**NE/SE, SEC. 17, T10S, R21E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**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 (Surface - 2300'±):**

**Lead:** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

**Lead:** **145 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** **905 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., 5.9 gps 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 - 2300'±):**

**EIGHT POINT PLAN**

**NATURAL BUTTE UNIT 572-17E**  
**NE/SE, SEC. 17, T10S, R21E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

Lost circulation

**Production Hole (2300'± - TD):**

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

**11. STANDARD REQUIRED EQUIPMENT:**

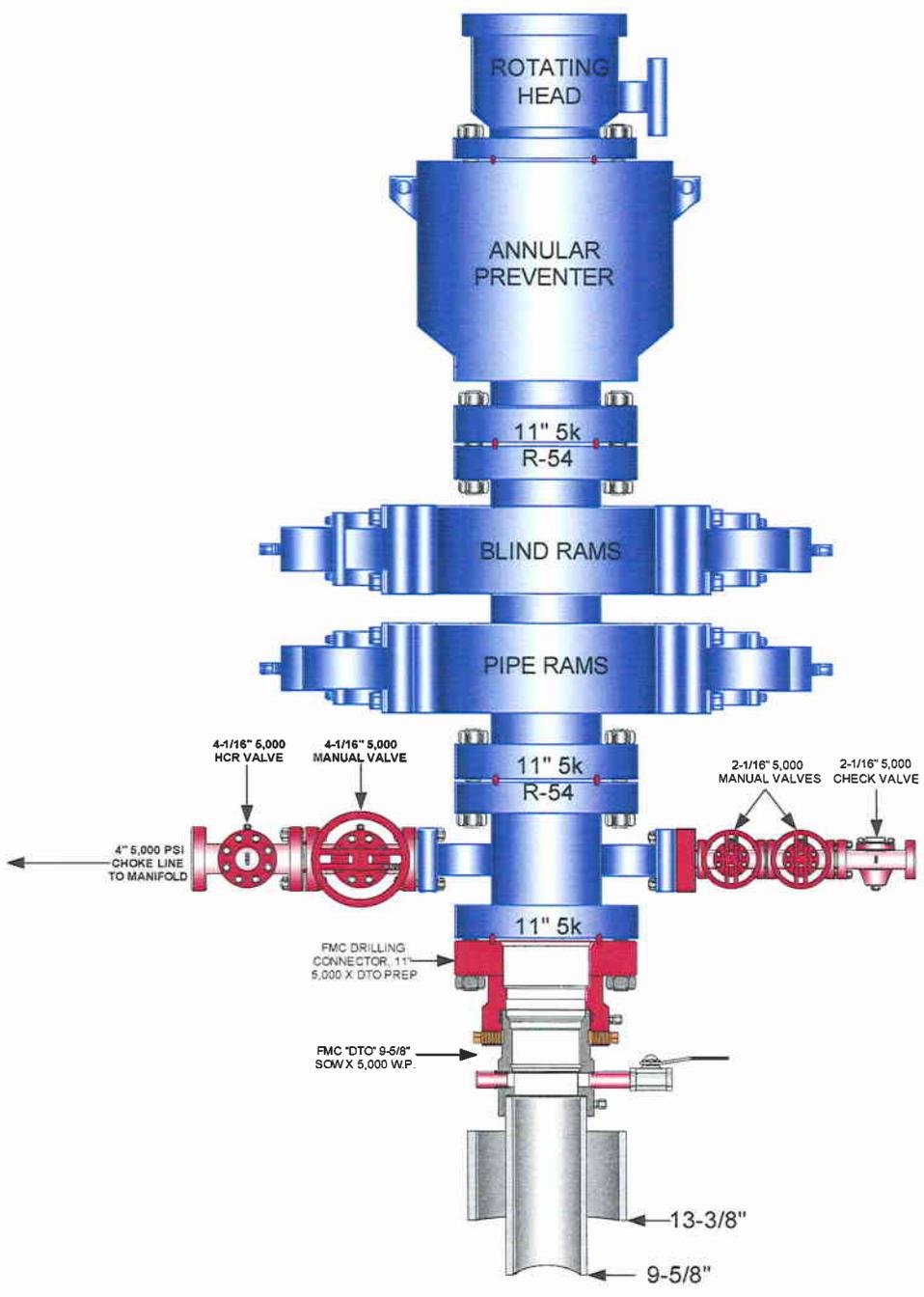
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**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.

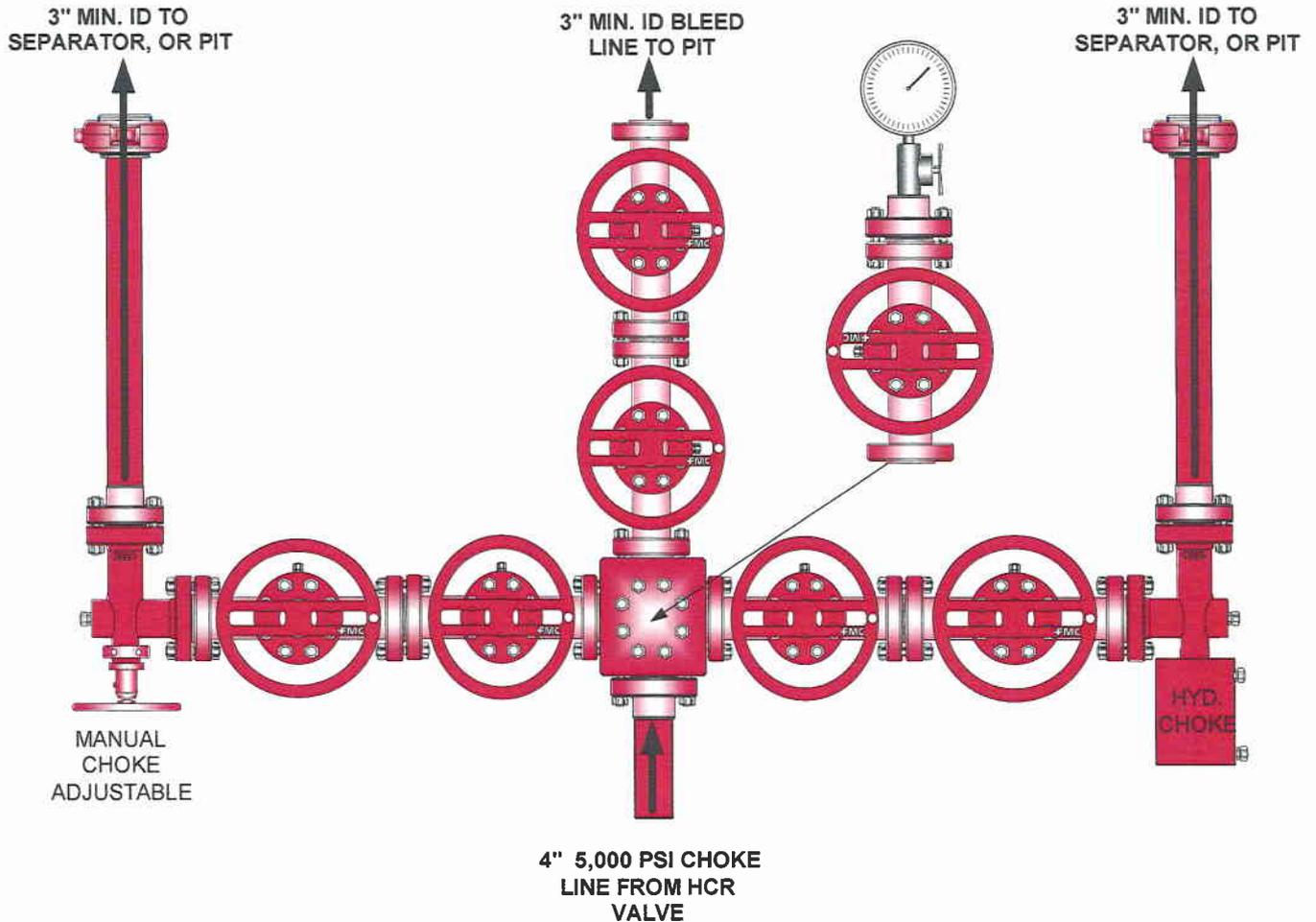
(Attachment: BOP Schematic Diagram)

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



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

PAGE 2 OF



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. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



**NATURAL BUTTES UNIT 572-17E  
NESE, Section 17, T10S, R21E  
Uintah County, Utah**

**SURFACE USE PLAN**

**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.**

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 370 feet long with a 30-foot right-of-way, disturbing approximately 0.26 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.10 acres. The pipeline is approximately 907 feet long with a 40 foot right of way, disturbing approximately 0.83 acres.

**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 45.7 miles south of Vernal, 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.

**2. PLANNED ACCESS ROAD:**

- A. The access road will be approximately 370' in length.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No 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.

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 or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30 foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

**3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

- A. Abandoned Wells – 4\*
- B. Producing Wells – 16\*
- C. Shut-in Wells – 0\*

(See attached TOPO map "C" for the location of wells within a one-mile radius.)

**4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION 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 wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks 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. The length of the new proposed pipeline is 106' x 40'. The proposed pipeline leaves the northern edge of the well pad proceeding in a northerly direction for an approximate distance of 106' tying into an existing pipeline in the SESE of Section 17, T10S, R21E (Lease U-02278). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.
- 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.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency

Committee. All facilities will be painted within 6 months of installation. **All existing facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

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

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- 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 by 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. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

**8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE 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 Northeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil North of Corner #5. The stockpiled location topsoil will be stored between Corners #6 and #8, #1 and #2. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the South.

**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 distances 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 location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

## **10. PLANS FOR RECLAMATION OF THE 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.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The

stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

**B. Dry Hole/Abandoned Location**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

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 Authorized Officer. Within five working days the Authorized Officer 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 Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer 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 Authorized Officer 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 Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. 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.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources and paleontology survey will be conducted and submitted by Montgomery Archaeological Consultants.

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

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
P.O. Box 1815  
Vernal, Ut 84078  
(435) 781-9111

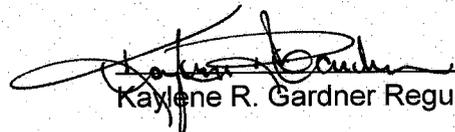
**DRILLING OPERATIONS**

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

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this 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. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Natural Buttes Unit 572-17E Well, located in the NESE, of Section 17, T10S, R21E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

July 12, 2006  
Date

  
Kaylene R. Gardner Regulatory Assistant

# EOG RESOURCES, INC.

NBU #572-17E

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 17, T10S, R21E, S.L.B.&M.

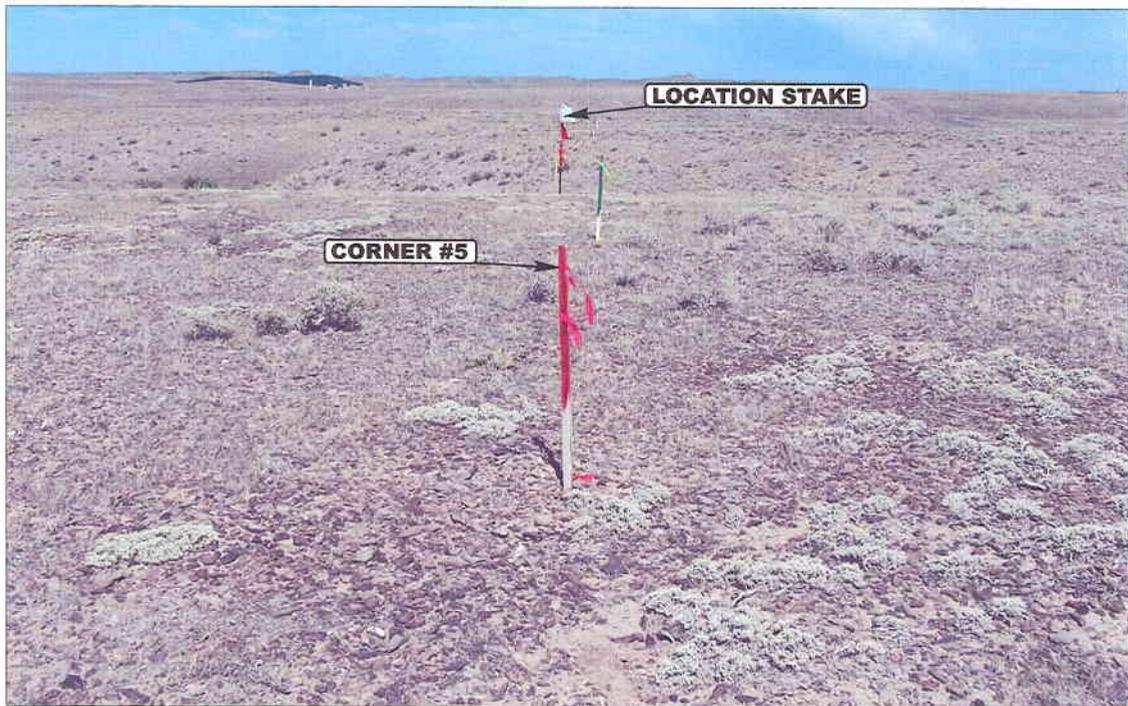


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



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

06 29 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

DRAWN BY: C.P.

REVISED: 00-00-00

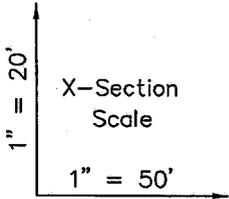


TYPICAL CROSS SECTIONS FOR

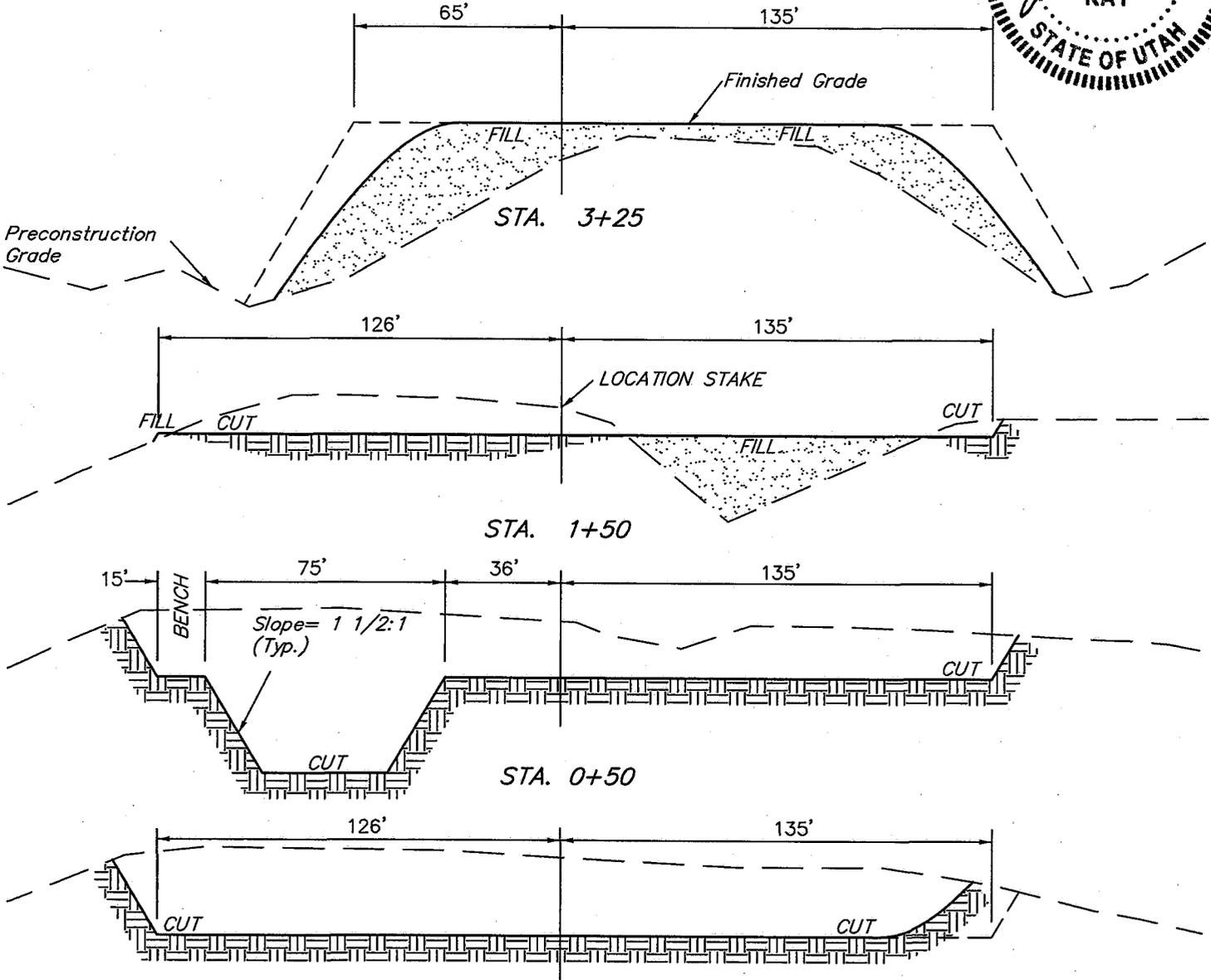
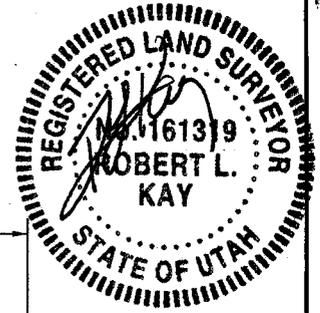
NBU #572-17E

SECTION 17, T10S, R21E, S.L.B.&M.

1810' FSL 739' FEL



DATE: 06-28-06  
Drawn By: S.L.



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

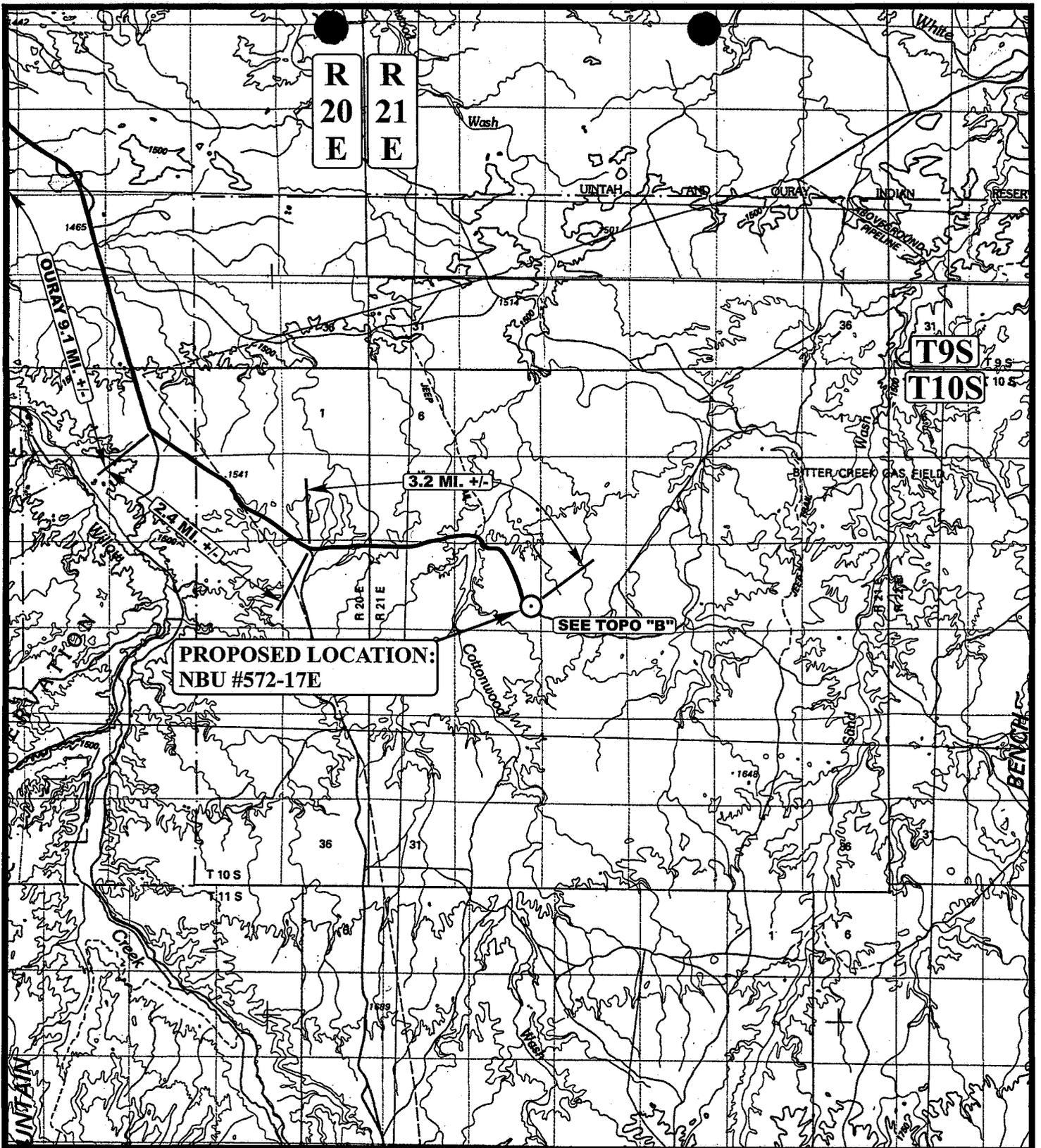
STA. 0+00

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,790 Cu. Yds.
Remaining Location	= 13,180 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 14,970 CU.YDS.</b>
<b>FILL</b>	<b>= 11,520 CU.YDS.</b>

EXCESS MATERIAL	= 3,450 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,450 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.



**LEGEND:**

○ PROPOSED LOCATION



**EOG RESOURCES, INC.**

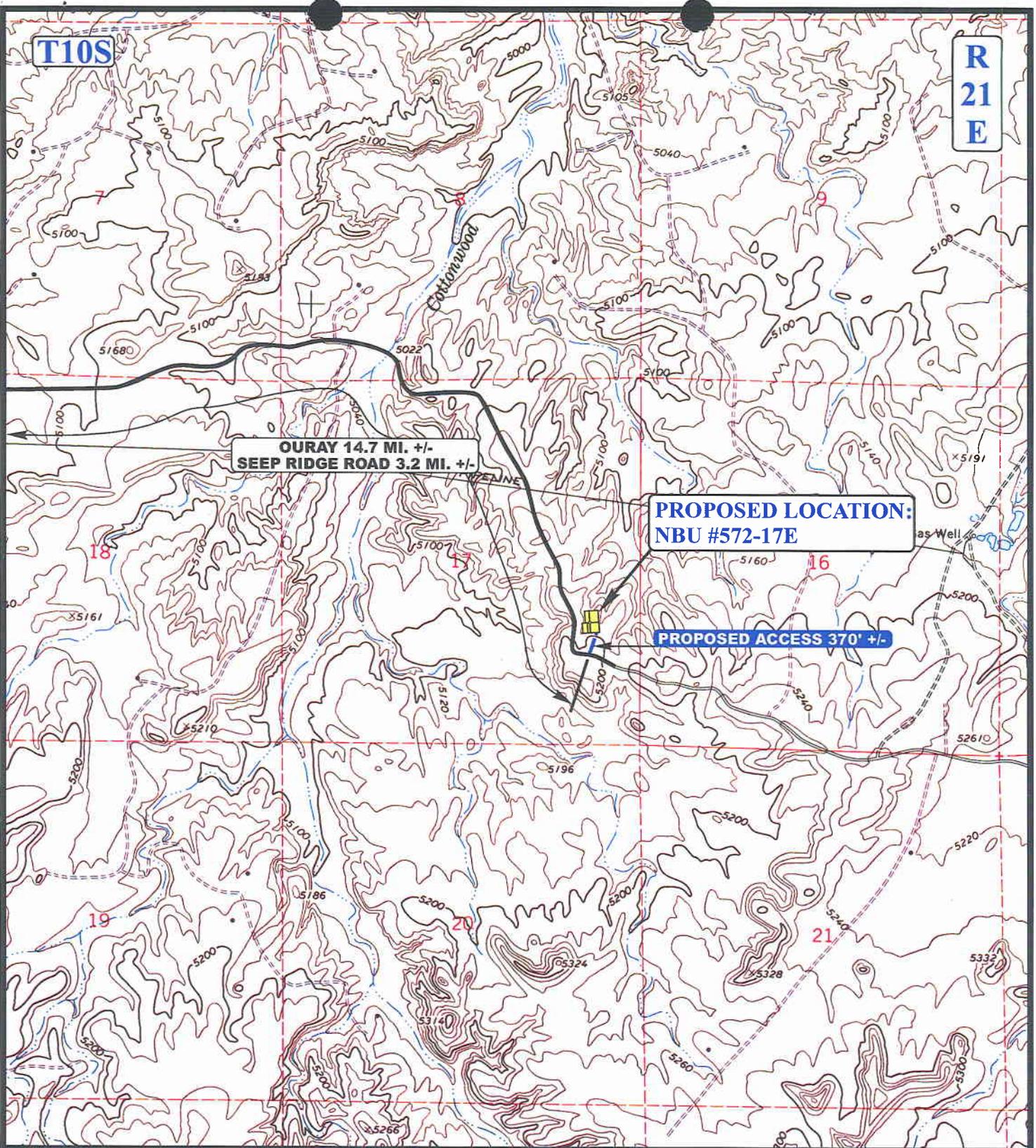
NBU #572-17E  
 SECTION 17, T10S, R21E, S.L.B.&M.  
 1810' FSL 739' FEL



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

**TOPOGRAPHIC** 06 29 06  
**MAP** MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

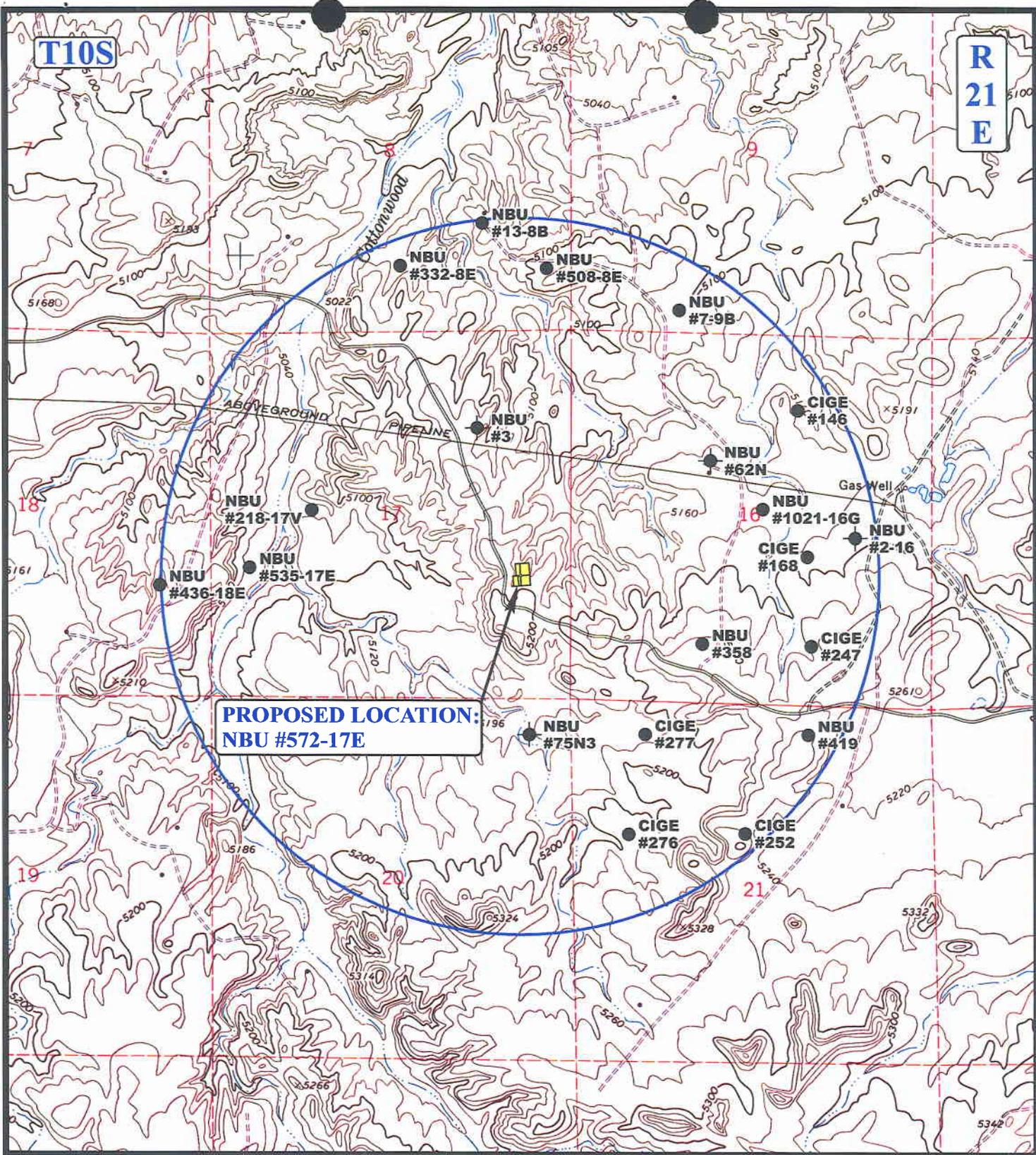


**EOG RESOURCES, INC.**

**NBU #572-17E**  
**SECTION 17, T10S, R21E, S.L.B.&M.**  
**1810' FSL 739' FEL**

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

**TOPOGRAPHIC MAP** **06 29 06**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **B**  
TOPO



**PROPOSED LOCATION:  
NBU #572-17E**

**LEGEND:**

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



**EOG RESOURCES, INC.**

**NBU #572-17E  
SECTION 17, T10S, R21E, S.L.B.&M.  
1810' FSL 739' FEL**

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

**TOPOGRAPHIC MAP** **06 29 06**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. | REVISED: 00-00-00 **TOPO**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/14/2006

API NO. ASSIGNED: 43-047-38374

WELL NAME: NBU 572-17E  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: KAYLENE GARDNER

PHONE NUMBER: 435-789-0790

PROPOSED LOCATION:

NESE 17 100S 210E  
 SURFACE: 1810 FSL 0739 FEL  
 BOTTOM: 1810 FSL 0739 FEL  
 COUNTY: UINTAH  
 LATITUDE: 39.94555 LONGITUDE: -109.5683  
 UTM SURF EASTINGS: 622314 NORTHINGS: 4422485  
 FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
<b>Tech Review</b>	<b>Initials</b>	<b>Date</b>
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-02278  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: PRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. NM 2308 )
- 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 OK
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 173-114  
Eff Date: 12-2-99  
Siting: 460' fr u bars & unknown tract
- R649-3-11. Directional Drill

COMMENTS:

Needs Pres to (08-10-06)

STIPULATIONS:

- 1- Federal Approval
- 2- STATEMENT OF BASIS
- 3- OIL SHALE

T10S R21E

# NATURAL BUTTES FIELD NATURAL BUTTES UNIT

CAUSE: 173-14 / 12-2-1999



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 17 T.10S R. 21E

FIELD: NATURAL BUTTES (630)

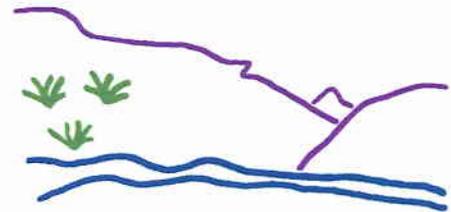
COUNTY: UINTAH

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
  - 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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 26-JULY-2006

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

**OPERATOR:** EOG RESOURCES INC.  
**WELL NAME & NUMBER:** Natural Buttes Unit 572-17E  
**API NUMBER:** 43-047-38374  
**LOCATION:** 1/4,1/4 NE/SE Sec: 17 TWP:10S RNG:21E 1810 FSL 739 FEL

**Geology/Ground Water:**

The mineral rights at the proposed location are owned by the BLM. The BLM will be the agency responsible for evaluating the proposed drilling, casing and cementing program prior to well approval.

**Reviewer:** Brad Hill      **Date:** 08-15-06

**Surface:**

The pre-drill investigation of the surface was performed on August 10, 2006. The surface is owned by SITLA and the minerals are Federal administered by the BLM. Jim Davis (SITLA), Paul Buhler (BLM) and Ben Williams (UDWR) were invited to this investigation on 07/26/2006. All three were present. Ed Trotter represented EOG Resources.

The proposed location is on a narrow flat-topped ridge, which slopes to the north into a secondary drainage of Cottonwood Wash. The ridge top is gentle sloping but is defined by deep draws on the east and west. The deep draw on the east will be filled with construction of the location. Fill will extend to the top of the drainage. The draw on the west side will be missed. No drainage or stability problems are expected.

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:** 08/10/2006

**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 572-17E

**API NUMBER:** 43-047-38374

**LEASE:** U-02278 **FIELD/UNIT:** NATURAL BUTTES UNIT

**LOCATION:** 1/4,1/4 NE/SE Sec: 17 TWP:10S RNG:21E 1810 FSL 739 FEL

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

**GPS COORD (UTM):** X =622317; Y =4422485 **SURFACE OWNER:** STATE OF UTAH (SITLA)

**PARTICIPANTS**

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

**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 9 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 north 370 feet on a new road to the location.

The proposed location is on a narrow flat-topped ridge, which slopes to the north into a secondary drainage of Cottonwood Wash. The ridge top is gentle sloping but is defined by deep draws on the east and west. The deep draw on the east will be filled with construction of the location. Fill will extend to the top of the drainage. The draw on the west side will be missed. No drainage or stability problems are expected.

**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 consists of construction of 370 feet of new road.

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 970 feet in length and will be laid on the surface following the access road to a tie-in point.

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, halogeton, cheat grass, curly mesquite, horsebrush, Gardner saltbush, broom snakeweed, prickly pear and rabbit brush. Common fauna is pronghorn, coyotes, songbirds, raptors, rodents, and rabbits.

SOIL TYPE AND CHARACTERISTICS: Moderately deep light brown stony sandy loam. Covered with abundant small angular rock fragments.

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 expected. Survey completed 07/19/2006 by IPC

**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 I.

**SURFACE RESTORATION/RECLAMATION PLAN**

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by MOAC 07/12/06. Copy furnished to SILA.

OTHER OBSERVATIONS/COMMENTS

Paul Buhler of the BLM and Ben Williams of the UDWR were invited to the pre-site on 7-26-06 by email. Both attended.

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.

Paul Buhler representing the BLM had no comments regarding surface issues.

ATTACHMENTS

Photos of this site were taken and placed on file.

Floyd Bartlett  
DOGM REPRESENTATIVE

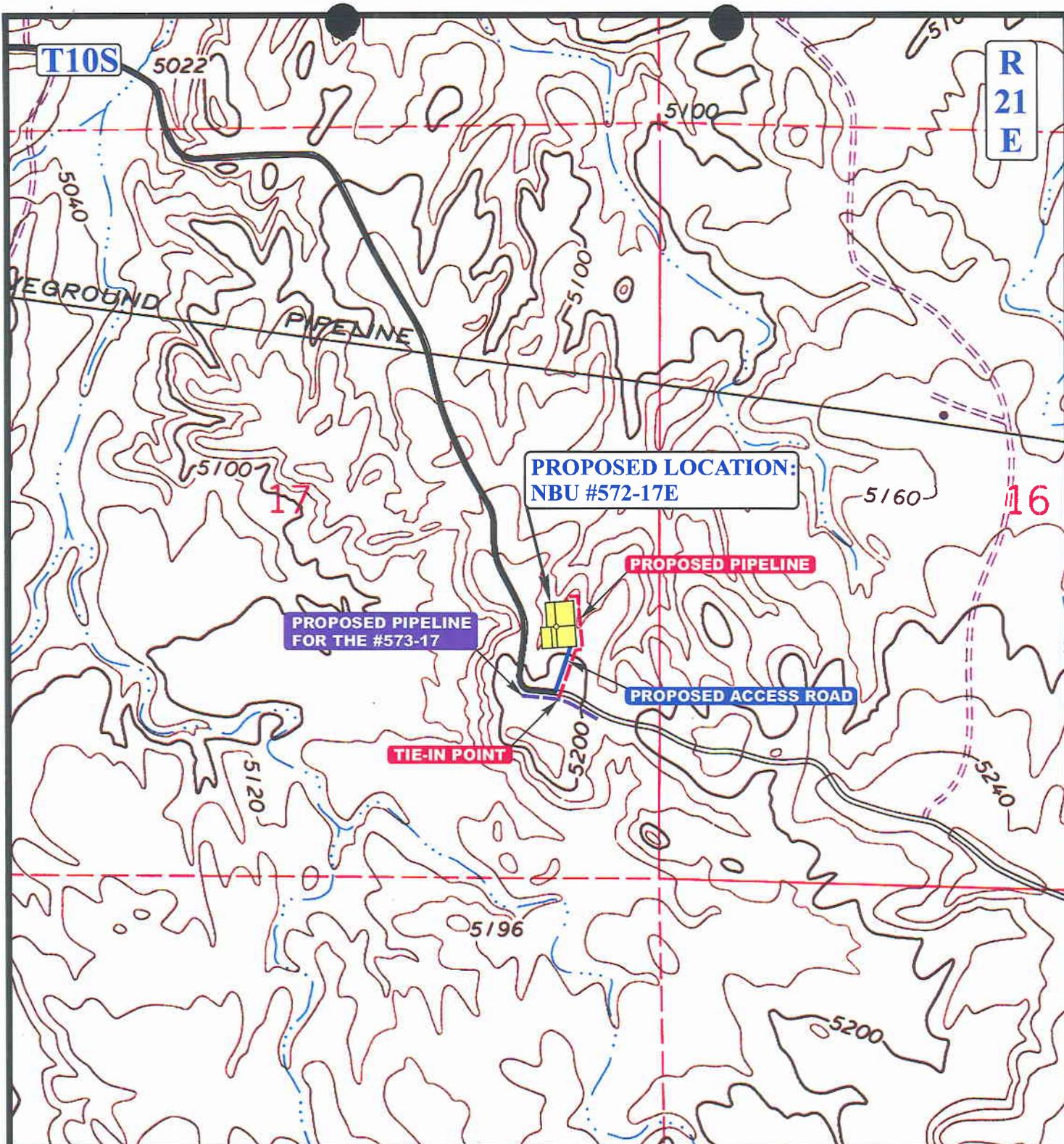
08-10-2006 10:00 AM  
DATE/TIME

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

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



**APPROXIMATE TOTAL PIPELINE DISTANCE = 907' +/-**

**LEGEND:**

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



**EOG RESOURCES, INC.**

**NBU #572-17E**  
**SECTION 17, T10S, R21E, S.L.B.&M.**  
**1810' FSL 739' FEL**



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

**TOPOGRAPHIC  
MAP**

**06 29 06**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00









**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*

April 10, 2007

EOG Resources, Inc.  
1060 E Highway 40  
Vernal, UT 84078

Re: Natural Buttes Unit 572-17E Well, 1810' FSL, 739' FEL, NE SE, Sec. 17,  
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 43-047-38374.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor (via e-mail)  
Bureau of Land Management, Vernal Office  
SITLA

Operator: EOG Resources, Inc.  
Well Name & Number Natural Buttes Unit 572-17E  
API Number: 43-047-38374  
Lease: U-02278

Location: NE SE                      Sec. 17                      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

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office  
(801) 733-0983 home

##### 3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. 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.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

5. Lease Serial No.  
**U-02278**

6. If Indian, Allottee or Tribe Name

1a. Type of work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

7. If Unit or CA Agreement, Name and No.  
**NATURAL BUTTES UNIT**

8. Lease Name and Well No.  
**NATURAL BUTTES UNIT 572-17E**

2. Name of Operator  
**EOG RESOURCES, INC**

9. API Well No.  
**43,047,38374**

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

3b. Phone No. (include area code)  
**435-781-9111**

10. Field and Pool, or Exploratory  
**NATURAL BUTTES**

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface **1810 FSL 739 FEL (NESE) 39.945494 LAT 109.568964 LON**  
At proposed prod. zone **SAME**

11. Sec., T. R. M. or Blk. and Survey or Area  
**SEC 17, T10S, R21E S.L.B.&M**

14. Distance in miles and direction from nearest town or post office\*  
**45.7 MILES SOUTH OF VERNAL, UTAH**

12. County or Parish  
**UINTAH**

13. State  
**UT**

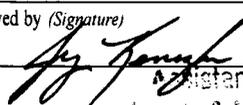
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>739</b>	16. No. of acres in lease <b>1440</b>	17. Spacing Unit dedicated to this well
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>3930</b>	19. Proposed Depth <b>9854</b>	20. BLM/BIA Bond No. on file <b>NM 2308</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5191 GL</b>	22. Approximate date work will start*	23. Estimated duration <b>45 DAYS</b>

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature 	Name (Printed Typed) <b>KAYLENE R. GARDNER</b>	Date <b>08/17/2006</b>
Title <b>SR. REGULATORY ASSISTANT</b>		

Approved by (Signature) 	Name (Printed Typed) <b>JERRY KEVORK</b>	Date <b>5-18-2007</b>
Title <b>Assistant Field Manager Oil &amp; Mineral Resources</b>	Office	

Application approval 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.  
Conditions of approval, if any, are attached.

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.

\*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

AUG 22 2006

RECEIVED

MAY 30 2007

BLM VERNAL, UTAH

UD0001

DIV. OF OIL, GAS & MINING

CG TT 0332A

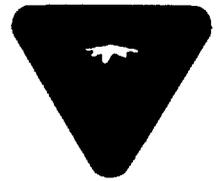


**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** EOG Resources, Inc.  
**Well No:** Natural Buttes Unit 572-17E  
**API No:** 43-047-38374

**Location:** NESE, Sec. 17, T10S, R21E  
**Lease No:** UTU-02278  
**Agreement:** Natural Buttes Unit

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***SURFACE COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***SITE SPECIFIC COAs***

- State of Utah owned surface.

***DOWNHOLE CONDITIONS OF APPROVAL:***

**SITE SPECIFIC DOWNHOLE COAs:**

- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.
- A formation integrity test shall be performed at the surface casing shoe.
- Variance Granted: 75 foot long blooie line approved.
- Commingling: Downhole commingling for the Wasatch-Mesaverde formations is approved. Authorized Officer reserves the right to rescind this approval if conditions change. Authorized Officer also reserves the right to require allocation of production volumes between the Wasatch and Mesaverde if deemed necessary.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**U-02278**

**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 572-17E**

2. NAME OF OPERATOR:  
**EOG RESOURCES, INC.**

9. API NUMBER:  
**43-047-38374**

3. ADDRESS OF OPERATOR:  
1060 East Highway 40 CITY **VERNAL** STATE **UT** ZIP **84078**

PHONE NUMBER:  
**(435) 789-0790**

10. FIELD AND POOL, OR WILDCAT:  
**NATURAL BUTTES**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **1810 FSL - 739 FEL 39.945494 Lat 109.568964**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NESE 17 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 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 type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION REQUEST</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.

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 04-14-08  
By: [Signature]

NAME (PLEASE PRINT) Kaylene R. Gardner

TITLE Lead Regulatory Assistant

SIGNATURE [Signature]

DATE 4/4/2008

(This space for State Use only)

**COPY SENT TO OPERATOR**

Date: 4.15.2008

Initials: KS

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

APR 10 2008

DIV. OF OIL, GAS & MINING

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

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

**API:** 43-047-38374  
**Well Name:** Natural Buttes Unit 572-17E  
**Location:** 1810 FSL - 739 FEL (NESE), SECTION 17, T10S, R21E S.L.B.&M  
**Company Permit Issued to:** EOG RESOURCES, INC.  
**Date Original Permit Issued:** 4/10/2007

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

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

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

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

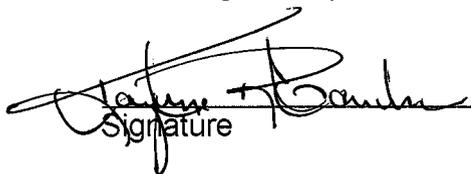
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

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

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

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

  
Signature

4/4/2008

Date

Title: Lead Regulatory Assistant

Representing: EOG Resources, Inc.

RECEIVED

APR 10 2008

DIV. OF OIL, GAS & MINING

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: NBU 572-17E

Api No: 43-047-38374 Lease Type: FEDERAL-ST SURF

Section 17 Township 10S Range 21E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # RATHOLE

**SPUDDED:**

Date 04/25/08

Time 1:00 PM

How DRY

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

Reported by JERRY BARNES

Telephone # (435) 828-1720

Date 04/25/08 Signed CHD

**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 St., Suite 1000N  
city Denver  
state CO zip 80202 Phone Number: (303) 824-5526

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38895	East Chapita 28-03		SWSW	3	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16822	4/24/2008		4/30/08		
Comments: <u>Wasatch/Mesaverde well</u> <u>PRR = MVRD = WSMVD</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38374	Natural Buttes Unit 572-17E		NESE	17	10S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	4/25/2008		4/30/08		
Comments: <u>Wasatch/Mesaverde well</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38139	East Chapita 26-10		SWSW	10	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16823	4/29/2008		4/30/08		
Comments: <u>Wasatch/Mesaverde well</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)

Mary A. Maestas

Name (Please Print)

*Mary A. Maestas*

Signature

Regulatory Assistant

4/30/2008

Title

Date

**RECEIVED**

APR 30 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
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.  
UTU02278

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
NATURAL BUTTES UNIT 572-17E

9. API Well No.  
43-047-38374

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES, INC  
Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000 N.  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T10S R21E NESE 1810FSL 739FEL  
39.94549 N Lat, 109.56896 W Lon

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

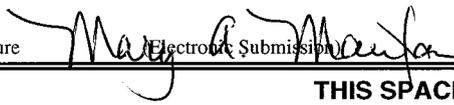
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 Well Spud
	<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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well spud on 4/25/2008.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #59959 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature  Date 04/30/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 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.

**RECEIVED**

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***  
**MAY 02 2008**

NBU 572-DE

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
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.  
UTU0344

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
MULTIPLE MULTIPLE

9. API Well No.  
43 047 38374

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES, INC  
Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000 N.  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
  
10S 21E 17

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 type="checkbox"/> Other
	<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 checked="" 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Chapita Wells Unit 2-29 SWD
4. Red Wash Evaporation ponds 1, 2, 3 & 4
5. RN Industries

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

**RECEIVED**  
**MAY 08 2008**

This well covers multiple wells. Please see the attached sheet detailing the wells.

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #60128 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature *Mary A. Maestas*  
Electronic Submission

Date 05/06/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

<u>Well Name</u>	<u>SEC</u>	<u>T</u>	<u>R</u>	<u>Qtr/Qtr</u>	<u>Lease</u>	<u>API</u>
East Chapita 32-35	35	9S	23E	NENW	UTU0344	43-047-38127
East Chapita 52-35	35	9S	23E	SENW	UTU0344	43-047-39206
East Chapita 63-35	35	9S	23E	SENE	UTU0344	43-047-39205
CWU 1248-01	1	9S	22E	NWNW	UTU01201	43-047-38427
North Chapita 341-26	26	8S	22E	SWSW	UTU059	43-047-39413
CWU 668-06X	6	9S	23E	NENW	UTU01304	43-047-50043
East Chapita 18-17	17	9S	23E	NENE	UTU67868	43-047-37855
East Chapita 62-35	35	9S	23E	SWNE	UTU0344	43-047-39207
NBU 571-17E	17	10S	21E	NWSE	UTU02278	43-047-38377
East Chapita 26-10	10	9S	23E	SWSW	UTU67868	43-047-38139
East Chapita 28-03	3	9S	23E	SWSW	UTU01304	43-047-38895
NBU 572-17E	17	10S	21E	NESE	UTU02278	43-047-38374

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*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.  
UTU02278

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
NATURAL BUTTES UNIT 572-17E

9. API Well No.  
43-047-38374

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES, INC. Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T10S R21E NESE 1810FSL 739FEL  
39.94549 N Lat, 109.56896 W Lon

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

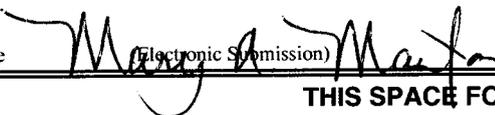
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Production Start-up
	<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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was turned to sales on 8/4/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #62036 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature  (Electronic Submission) Date 08/06/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Title 18 U.S.C. Section 1001 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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED**

**RECEIVED**  
**AUG 07 2008**  
DIV. OF OIL, GAS & MINING

## WELL CHRONOLOGY REPORT

Report Generated On: 08-06-2008

<b>Well Name</b>	NBU 572-17E	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-38374	<b>Well Class</b>	1SA
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	06-08-2008	<b>Class Date</b>	08-04-2008
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,854/ 9,854	<b>Property #</b>	059636
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	7,391/ 7,391
<b>KB / GL Elev</b>	5,199/ 5,187				
<b>Location</b>	Section 17, T10S, R21E, NESE, 1810 FSL & 739 FEL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	66.667	<b>NRI %</b>	48.228

<b>AFE No</b>	304194	<b>AFE Total</b>	2,160,800	<b>DHC / CWC</b>	1,010,500/ 1,150,300
<b>Rig Contr</b>	ENSIGN	<b>Rig Name</b>	ENSIGN #81	<b>Start Date</b>	07-18-2006
<b>07-18-2006</b>	<b>Reported By</b>	SHARON WHITLOCK			
<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
			1810' FSL & 739' FEL (NE/SE)
			SECTION 17, T10S, R21E
			UINTAH COUNTY, UTAH
			LAT 39.945531, LONG 109.568275 (NAD 27)
			LAT 39.945494, LONG 109.568964 (NAD 83)
			ENSIGN #81
			OBJECTIVE: 9854' TD, MESAVERDE
			DW/GAS
			NATURAL BUTTES DEEP PROSPECT
			DD&A: CHAPITA DEEP
			NATURAL BUTTES FIELD
			LEASE: U-02278
			ELEVATION: 5190.6' NAT GL, 5187.1' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5187'), 5199' KB (12')
			EOG WI 66.666667%, NRI 48.228309%

04-09-2008      **Reported By**      TERRY CSERE

**DailyCosts: 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 CONSTRUCTION OF LOCATION WILL BEGIN TODAY.

04-10-2008      Reported By      TERRY CSERE

**DailyCosts: 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 LOCATION 35% COMPLETE.

04-11-2008      Reported By      TERRY CSERE

**DailyCosts: 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 LOCATION 40% COMPLETE.

04-14-2008      Reported By      TERRY CSERE

**DailyCosts: 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 LOCATION 50% COMPLETE.

04-15-2008      Reported By      TERRY CSERE

**DailyCosts: 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 LOCATION 60% COMPLETE.

04-16-2008      Reported By      TERRY CSERE



<b>DailyCosts: 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>						

Activity at Report Time: BUILD LOCATION

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

04-24-2008 Reported By TERRY CSERE

<b>DailyCosts: 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>						

Activity at Report Time: BUILD LOCATION

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

04-25-2008 Reported By TERRY CSERE

<b>DailyCosts: 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>						

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PIT WILL BE LINED SATURDAY.

04-28-2008 Reported By TERRY CSERE/JERRY BARNES

<b>DailyCosts: 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>	60	<b>TVD</b>	60	<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: WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. ROCKY MOUNTAIN DRILLING SPUD A 20" HOLE ON 04/25/08 @ 1:00 PM. SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 04/25/08 @ 12:15 PM.

05-08-2008 Reported By JERRY BARNES

<b>DailyCosts: Drilling</b>	\$205,664	<b>Completion</b>	\$0	<b>Daily Total</b>	\$205,664						
<b>Cum Costs: Drilling</b>	\$243,664	<b>Completion</b>	\$0	<b>Well Total</b>	\$243,664						
<b>MD</b>	2,436	<b>TVD</b>	2,436	<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
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06:00 06:00 24.0 MIRU CRAIG'S AIR RIG # 3 ON 4/28/2008. DRILLED 12-1/4" HOLE TO 2480' GL. ENCOUNTERED WATER @ 1630'. RAN 57 JTS (2424.30') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2436' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU BJ CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 190 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 291 SX (174.9 BBLs) OF PREMIUM LEAD CEMENT W/ PLII, 10% GEL, 3% KCL, ? #/ SX CELLO FLAKE, 5#/ SX KOI, & 0.5 SMS. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.38 CF/SX.

TAILED IN W/200 SX (42.6 BBLs) OF PREMIUM CEMENT W/2% CACL2 & ? #/ SX CELLO FLAKE. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.2 CF/SX. DISPLACED CEMENT W/185 BBLs FRESH WATER. BUMPED PLUG W/800# @ 12:15 A.M, 5/2/2008. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLs) OF PREMIUM CEMENT. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & CIRCULATED APPROXIMATELY 1 BBL CEMENT TO SURFACE. HOLE FELL BACK WHEN PUMPING STOPPED. WOC 2 HRS 10 MINUTES.

TOP JOB # 2: MIXED & PUMPED 70 SX (14 BBLs) OF PREMIUM CEMENT. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO BJ CEMENTERS.

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

MIRU GLENN'S WIRELINE SERVICE. RAN IN HOLE W/STRAIGHT HOLE SURVEY. TAGGED CEMENT @ 2355'. PICKED UP TO 2335' & TOOK SURVEY. 3.25 DEGREE.

CONDUCTOR LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 89.9 MS= 89.9.

9 5/8 CASING LEVEL RECORD: PS= 90.0 OPS= 90.0 VDS= 89.9 MS= 89.9.

DALL COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 4/29/2008 @ 10:45 A.M.

<b>06-07-2008</b>		<b>Reported By</b>		WOODIE L BEARDSLEY							
<b>Daily Costs: Drilling</b>	\$44,606	<b>Completion</b>	\$0	<b>Daily Total</b>	\$44,606						
<b>Cum Costs: Drilling</b>	\$288,270	<b>Completion</b>	\$0	<b>Well Total</b>	\$288,270						
<b>MD</b>	2,436	<b>TVD</b>	2,436	<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: TEST BOPE

Start	End	Hrs	Activity Description
06:00	16:00	10.0	RW JONES TRUCKING ARRIVED AT 0700. HELD PRE-JOB SAFETY MEETING WITH TRUCK DRIVERS, SWAMPERS AND RIG CREWS. MOVED ENSIGN 81 APPROX. 1.3 MILES FROM THE NBU 571-17E TO THE NBU 572-17E. RIG 100% MOVED, RELEASED TRUCKS AT 1600.  CONTACTED JCS SERVICES TO CLEAN UP NBU 571-17E LOCATION AFTER RIG MOVE.  *****CONTACTED DONNA KENNEY, USBLM, VERNAL, UT, AT 1000, NOTIFIED OF RIG MOVE, UPCOMING SPUD AND BOP TEST*****  *****CONTACTED CAROL DANIELS, UDNR, SLC UT, AT 1000, NOTIFIED OF RIG MOVE, UPCOMING SPUD AND BOP TEST*****

16:00 06:00 14.0 RELEASED TRUCKS AT 1600 HRS. RAISED DERRICK AT 1700 HRS. RIGGED UP RIG FLOOR, PICKED UP KELLY & SWIVEL. PICK UP TREE & MAKE UP TO STANDPIPE. RIG UP MUD GAS SEPERATOR AND MAKE UP TO FLOW LINE. MADE UP CHOKE LINE, HOOK UP SUPER CHOKE. FILL RIG TANK WITH FRESH WATER. RIG UP PIT LIGHTS, ALL ELECTRICAL HOOK UP. RIG UP YELLOW DOG PUMPS & FILL MUD TANKS WITH 420 BBL WATER FROM RESERVE PIT. RUN FLARE LINES, FINISH WORKING ON #2 PUMP. RUN SURVEY LINE. PRESSUE UP ACCUMULATOR, FUNCTION TEST BLIND & PIPE RAMS. B& C QUICKTEST ON LOCATION AN RIGGED UP, READY TO START TESTING BOP.

RIG IS 100% MOVED, 100% RIGGED UP AT 0600.

RECEIVED MUD MOTORS, REAMERS, DRILLING JARS. INSPECTED BHA ON NBU 572-17E LOCATION WITH MAGNA-SONIC TESTERS.

TRANSFER 2426 GAL FUEL @ \$4.517/GAL FROM NBU 571-17E TO NBU 572-17E.

TRANSFER 11 JOINTS OF 4 1/2" 11.6# N-80 LTC CASING FROM NBU 571-17E TO NBU 572-17E.

TRANSFER 2 MARKER JOINTS OF 4 1/2" 11.6# P-110 CASING FROM NBU 571-17E TO NBU 572-17E.

SAFETY MEETINGS: LOWERING DERRICK, RIGGING UP DERRICK.

FULL CREW + RELIEF DRILLER ON DAYLIGHT, FULL CREW ON MORNING TOUR.

FUEL ON HAND: 1984 GAL. USED TODAY: 442 GAL.

NO BOILER.

<b>06-08-2008</b>		<b>Reported By</b>		WOODIE L BEARDSLEY							
<b>DailyCosts: Drilling</b>	\$67,009	<b>Completion</b>	\$0	<b>Daily Total</b>	\$67,009						
<b>Cum Costs: Drilling</b>	\$355,279	<b>Completion</b>	\$0	<b>Well Total</b>	\$355,279						
<b>MD</b>	2,842	<b>TVD</b>	2,842	<b>Progress</b>	362	<b>Days</b>	1	<b>MW</b>	8.5	<b>Visc</b>	27.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: DRILLING @ 2842'</b>											

Start	End	Hrs	Activity Description
06:00	10:00	4.0	RIG UP B&C QUICKTEST. TEST BOP AS FOLLOWS: TEST UPPER & LOWER KELLY VALVE, INSIDE BOP. SAFETY VALVE, INSIDE & OUTSIDE BOP VALVES, PIPE RAMS & BLIND RAMS, HCR VALVE, CHOKE MANIFOLD INSIDE & OUTSIDE VALVES & SUPERCHOKE TO 250 PSI FOR 5 MIN., 5000 PSI FOR 10 MIN. TEST ANNULAR TO 250 PSI FOR 5 MIN, 2500 PSI FOR 10 MIN. TEST CASING TO 1500 PSI FOR 30 MIN. ALL TESTS PASSED. RIG ON DAYWORK @ 0600 ON 06/07/08.
10:00	10:30	0.5	FINISH STRAPPING BHA & DRILL PIPE.
10:30	11:30	1.0	UNLOAD TRUCKLOAD OF NEW DRILLPIPE, LOAD W/OLD PIPE.
11:30	12:00	0.5	HOLD PRE-JOB SAFETY MEETING WITH WEATHERFORD LAYDOWN CREW & RIG CREW. RIG UP WEATHERFORD.
12:00	21:30	9.5	PICK UP BHA & DRILLPIPE WITH WEATHERFORD. MAKE & BREAK NEW DRILLPIPE TWICE.
21:30	23:30	2.0	TAG CEMENT @ 2386'. DRILL CEMENT, FLOAT AT 2390', CEMENT TO 2480', NEW FORMATION TO 2490'.
23:30	00:30	1.0	RETIGHTEN PULSATION DAMPENR ON #2 PUMP, REPLACE ROTO SEAL ON #2 PUMP, GO THROUGH #1 PUMP.
00:30	01:00	0.5	SPOT HI VIS SWEEP, PERFORM FIT TO 330 PSI, 10.8# EMW.
01:00	01:30	0.5	RUN WIRELINE SURVEY, 3.46 DEG @ 2410'.
01:30	06:00	4.5	DRILLED F/2480-2842' (362' @ 80.4'/HR) 12-14K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 300-400 DIFF. MUD WT. 8.4, VIS 27.
NEW DRILL PIPE, MAKE AND BREAK EACH CONNECTION 2 TIMES.			
SAFETY MEETINGS: PIPE, INSTALLING ROTATING HEAD RUBBER.			
NO INCIDENTS/ACCIDENTS REPORTED.			
C.O.M. SET & CHECKED BY BOTH CREWS			

FULL CREW DAYLIGHT, FULL CREW + RELIEF DRILLER ON MORNING TOUR.  
 FUEL ON HAND: 5828 GAL. RECEIVED: 4500 GAL. USED TODAY: 656 GAL.  
 NO BOILER.  
 FORMATION: GREEN RIVER, NO FLARE.

06:00 06:00 24.0 SPUD 7-7/8" HOLE @ 01:00 ON 06/08/08

**06-09-2008**      **Reported By**      WOODIE L BEARDSLEY

**Daily Costs: Drilling**      \$31,811      **Completion**      \$0      **Daily Total**      \$31,811  
**Cum Costs: Drilling**      \$387,090      **Completion**      \$0      **Well Total**      \$387,090

**MD**      4,369      **TVD**      4,369      **Progress**      1,527      **Days**      2      **MW**      8.5      **Visc**      31.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 4369'

**Start**      **End**      **Hrs**      **Activity Description**

06:00      16:00      10.0 DRILLED F/2842-3491' (649' @ 64.9'/HR) 14-16K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 300-400 DIFF. MUD WT. 8.7 VIS 32. (MAKE AND BREAK NEW D.P.)  
 16:00      16:30      0.5 SERVICE RIG, BOP DRILL 59 SEC. FUNCTION PIPE RAMS.  
 16:30      17:00      0.5 WIRELINE SURVEY @ 3407', 1.52 DEG.  
 17:00      06:00      13.0 DRILLED F/3491-4369' (878' @ 67.5'/HR) 14-16K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 300-400 DIFF. MUD WT. 9.2 VIS 32.

NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.  
 SAFETY MEETINGS: DRILL PIPE, BOP RESPONSIBILITIES.  
 NO INCIDENTS/ACCIDENTS REPORTED.  
 C.O.M. SET & CHECKED BY BOTH CREWS  
 FULL CREW DAYLIGHT, FULL CREW + RELIEF DRILLER ON MORNING TOUR.  
 FUEL ON HAND: 5100 GAL. USED TODAY: 728 GAL.  
 NO BOILER.  
 FORMATION: GREEN RIVER, NO FLARE.

**06-10-2008**      **Reported By**      WOODIE L BEARDSLEY

**Daily Costs: Drilling**      \$29,640      **Completion**      \$0      **Daily Total**      \$29,640  
**Cum Costs: Drilling**      \$416,731      **Completion**      \$0      **Well Total**      \$416,731

**MD**      5,591      **TVD**      5,591      **Progress**      1,222      **Days**      3      **MW**      9.3      **Visc**      32.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 5591'

**Start**      **End**      **Hrs**      **Activity Description**

06:00      06:30      0.5 SERVICE RIG, FUNCTION PIPE RAMS.  
 06:30      07:00      0.5 WIRELINE SURVEY @ 4319', 1.64 DEG.  
 07:00      06:00      23.0 DRILLED F/4369-5591' (1222' @ 53.1'/HR) 14-16K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 300-400 DIFF. MUD WT. 9.9 VIS 37.  
 NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.  
 SAFETY MEETINGS: DITCHES, STAYING FOCUSED.  
 NO INCIDENTS/ACCIDENTS REPORTED.  
 C.O.M. SET & CHECKED BY BOTH CREWS  
 FULL CREW DAYLIGHT, FULL CREW + RELIEF DRILLER ON MORNING TOUR.  
 FUEL ON HAND: 4046 GAL. USED TODAY: 1054 GAL.

NO BOILER.  
 FORMATION: CHAPITA WELLS, NO FLARE.

**06-11-2008**      **Reported By**      WOODIE L BEARDSLEY

<b>Daily Costs: Drilling</b>	\$68,610	<b>Completion</b>	\$0	<b>Daily Total</b>	\$68,610
<b>Cum Costs: Drilling</b>	\$485,341	<b>Completion</b>	\$0	<b>Well Total</b>	\$485,341

**MD**      6,437    **TVD**      6,437    **Progress**      846    **Days**      4    **MW**      9.9    **Visc**      38.0

**Formation :**                      **PBTD : 0.0**                      **Perf :**                      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 6437'

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILLED F/5591-5936' (345' @ 46'/HR) 14-16K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 300-400 DIFF. MUD WT. 9.9 VIS 36. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
13:30	14:00	0.5	SERVICE RIG, GREASE CROWN.
14:00	06:00	16.0	DRILLED F/5936-6437' (501' @ 31.3'/HR) 14-18K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 300-400 DIFF.

MUD WT. 10.0 VIS 35.  
 NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.  
 SAFETY MEETINGS: NEW DRILL STRING, MOUSE HOLE.  
 ACCIDENT REPORTED BY DAYLIGHT DERRICK HAND. LIME BLOWN IN EYES BY HIGH WINDS FROM LEAKING SACK WHILE CARRYING PRODUCT TO MIXING TANK. ONSITE FIRST AID W/BUFFERED EYEWASH. ACCIDENT REPORT TO FOLLOW VIA EMAIL W/DETAILS.

C.O.M. SET & CHECKED BY BOTH CREWS  
 FULL CREWS BOTH TOURS.  
 FUEL ON HAND: 2890 GAL. USED TODAY: 1156 GAL.  
 NO BOILER.  
 FORMATION: BUCK CANYON, NO FLARE.

**06-12-2008**      **Reported By**      WOODIE L BEARDSLEY

<b>Daily Costs: Drilling</b>	\$50,508	<b>Completion</b>	\$0	<b>Daily Total</b>	\$50,508
<b>Cum Costs: Drilling</b>	\$535,850	<b>Completion</b>	\$0	<b>Well Total</b>	\$535,850

**MD**      6,925    **TVD**      6,925    **Progress**      488    **Days**      5    **MW**      10.0    **Visc**      35.0

**Formation :**                      **PBTD : 0.0**                      **Perf :**                      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 6925'

Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILLED F/6437-6593' (156' @ 19.5'/HR) 14-18K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 100-300 DIFF. MUD WT. 10.0 VIS 35. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
14:00	14:30	0.5	SERVICE RIG, FUNCTION ANNULAR.
14:30	06:00	15.5	DRILLED F/6593-6925' (332' @ 18.9'/HR) 16-20K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 100-300 DIFF. MUD WT. 10.2 VIS 35.

NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.  
 SAFETY MEETINGS: MUD MATERIALS, TRIPPING PIPE.  
 NO INCIDENTS/ACCIDENTS REPORTED.

C.O.M. SET &amp; CHECKED BY BOTH CREWS

FULL CREWS BOTH TOURS.

FUEL ON HAND: 6012 GAL. RECEIVED: 4500 GAL USED TODAY: 1378 GAL.

NO BOILER.

FORMATION: NORTH HORN, NO FLARE.

<b>06-13-2008</b>	<b>Reported By</b>	WOODIE L BEARDSLEY									
<b>Daily Costs: Drilling</b>	\$28,006	<b>Completion</b>	\$0	<b>Daily Total</b>	\$28,006						
<b>Cum Costs: Drilling</b>	\$563,856	<b>Completion</b>	\$0	<b>Well Total</b>	\$563,856						
<b>MD</b>	7,155	<b>TVD</b>	7,155	<b>Progress</b>	230	<b>Days</b>	6	<b>MW</b>	10.2	<b>Visc</b>	34.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

Activity at Report Time: TOH FOR BIT. 7155'

Start	End	Hrs	Activity Description
06:00	14:30	8.5	DRILLED F/6925-7155' (230' @ 27"/HR) 16-20K WOB, 50-60 RPM, 74 RPM MOTOR, 461 GPM, 100-300 DIFF. MUD WT. 10.4, VIS 35. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
14:30	15:00	0.5	SERVICE RIG, GREASE CROWN.
15:00	18:00	3.0	CIRCULATE & CONDITION MUD. FILL TRIP TANK, MAKE PILL TO POOH FOR BIT #2. STILL FAIR AMOUNT OF LARGE SHALE PIECES OVER SHAKER. RAISE MUD WT FROM 10.4+ TO 10.6.
18:00	19:30	1.5	AT 18:15, FLOW WENT TO 0, LOST CIRCULATION. REDUCE FLOW RATE TO 60 SPM, PUMP LCM PILLS (2). LOST APPROX. 300 BBL MUD.
19:30	05:30	10.0	REGAINED CIRCULATION, BUILD VOLUME TO 600 BBL IN PITS, CIRCULATE AND ADJUST MUD WT. TO 10.4 PPG.
05:30	06:00	0.5	FILL TRIP TANK, MIX PILL TO POOH FOR BIT #2.

SAFETY MEETINGS: STANDING KELLY BACK, TRIPPING PIPE.

NO INCIDENTS/ACCIDENTS REPORTED.

C.O.M. SET &amp; CHECKED BY BOTH CREWS

FULL CREWS BOTH TOURS.

FUEL ON HAND: 4921 GAL. USED TODAY: 1091 GAL.

NO BOILER.

FORMATION: NORTH HORN, NO FLARE.

LOST APPROX. 300 BBL MUD.

<b>06-14-2008</b>	<b>Reported By</b>	WOODIE L BEARDSLEY									
<b>Daily Costs: Drilling</b>	\$40,680	<b>Completion</b>	\$0	<b>Daily Total</b>	\$40,680						
<b>Cum Costs: Drilling</b>	\$604,537	<b>Completion</b>	\$0	<b>Well Total</b>	\$604,537						
<b>MD</b>	7,519	<b>TVD</b>	7,519	<b>Progress</b>	364	<b>Days</b>	7	<b>MW</b>	10.4	<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 @ 7519'

Start	End	Hrs	Activity Description
06:00	11:00	5.0	POOH FOR BIT #2. NO TIGHT HOLE. LAY DOWN 4 JTS OF DP. LAY DOWN 3 PT REAMERS, BIT & MOTOR.
11:00	12:00	1.0	STRAP & CALIPER NEW MOTOR. CHANGE MOTOR & BIT.
12:00	15:30	3.5	TIH WITH BIT #2, FILL HALF WAY.
15:30	17:00	1.5	WASH/REAM F/7036-7155', 40' OF SOFT FILL.

17:00 19:30 2.5 DRILLED F/7155-7206' (51' @ 20.4'/HR) 16-18K WOB, 50-60 RPM, 68 RPM MOTOR, 424 GPM, 100-300 DIFF.  
MUD WT. 10.4 VIS 35.  
NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.

19:30 20:00 0.5 SERVICE RIG, GREASE CROWN.

20:00 06:00 10.0 DRILLED F/7206-7519' (313' @ 31.3'/HR) 16-18K WOB, 50-60 RPM, 68 RPM MOTOR, 424 GPM, 100-300 DIFF.  
MUD WT. 10.4, VIS 36.

NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.  
SAFETY MEETINGS: TRIPPING PIPE, HOUSEKEEPING  
NO INCIDENTS/ACCIDENTS REPORTED  
C.O.M. SET & CHECKED BY BOTH CREWS  
FULL CREWS BOTH TOURS.  
FUEL ON HAND: 4046 GAL. USED TODAY: 875 GAL.  
NO BOILER.  
FORMATION: PRICE RIVER, NO FLARE

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<b>06-15-2008</b>	<b>Reported By</b>	WOODIE L BEARDSLEY									
<b>Daily Costs: Drilling</b>	\$48,378	<b>Completion</b>	\$0	<b>Daily Total</b>	\$48,378						
<b>Cum Costs: Drilling</b>	\$652,915	<b>Completion</b>	\$0	<b>Well Total</b>	\$652,915						
<b>MD</b>	8,100	<b>TVD</b>	8,100	<b>Progress</b>	581	<b>Days</b>	8	<b>MW</b>	10.5	<b>Visc</b>	36.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: DRILLING @ 8100'</b>											

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	13:30	7.5	DRILLED F/7519-7738' (219' @ 29.2'/HR) 16-18K WOB, 50-60 RPM, 68 RPM MOTOR, 424 GPM, 100-300 DIFF. MUD WT. 10.5 VIS 38. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
13:30	14:00	0.5	SERVICE RIG, FUNCTION ANNULAR.
14:00	06:00	16.0	DRILLED F/7738-8100' (362' @ 22.6'/HR) 16-18K WOB, 50-60 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.8, VIS 38.
NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION. SAFETY MEETINGS: CATWALK, COMMUNICATION SKILLS NO INCIDENTS/ACCIDENTS REPORTED C.O.M. SET & CHECKED BY BOTH CREWS FULL CREWS BOTH TOURS. FUEL ON HAND: 6570 GAL. RECEIVED: 4000 GAL. USED TODAY: 1476 GAL. NO BOILER. FORMATION: PRICE RIVER, NO FLARE			

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<b>06-16-2008</b>	<b>Reported By</b>	WOODIE L BEARDSLEY									
<b>Daily Costs: Drilling</b>	\$32,481	<b>Completion</b>	\$0	<b>Daily Total</b>	\$32,481						
<b>Cum Costs: Drilling</b>	\$685,397	<b>Completion</b>	\$0	<b>Well Total</b>	\$685,397						
<b>MD</b>	8,569	<b>TVD</b>	8,569	<b>Progress</b>	469	<b>Days</b>	9	<b>MW</b>	10.8	<b>Visc</b>	38.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: DRILLING @ 8569'</b>											

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRILLED F/8100-8209' (109' @ 19.8'/HR) 16-18K WOB, 50-60 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.8 VIS 41. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
11:30	12:00	0.5	SERVICE RIG, GREASE CROWN.
12:00	23:30	11.5	DRILLED F/8209-8428' (219' @ 19.0'/HR) 16-20K WOB, 50-60 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.7 VIS 38. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
23:30	00:00	0.5	SERVICE RIG, FUNCTION PIPE RAMS.
00:00	06:00	6.0	DRILLED F/8428-8569' (141' @ 23.5'/HR) 16-20K WOB, 50-60 RPM, -5672 RPM MOTOR, 354-449 GPM, 100-300 DIFF. MUD WT. 10.9, VIS 39.  NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION. (SWITCH TO #@ PUMP AT 0200 TO CHANGE SWAB & LINER IN #1 PUMP) SAFETY MEETINGS: SETTING SLIPS, CLEAN LOCATION NO INCIDENTS/ACCIDENTS REPORTED C.O.M. SET & CHECKED BY BOTH CREWS FULL CREWS BOTH TOURS. FUEL ON HAND: 5280 GAL. USED TODAY: 1470 GAL. NO BOILER. FORMATION: MIDDLE PRICE RIVER, NO FLARE

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<b>06-17-2008</b>	<b>Reported By</b>	WOODIE L BEARDSLEY									
<b>Daily Costs: Drilling</b>	\$38,163	<b>Completion</b>	\$0	<b>Daily Total</b>	\$38,163						
<b>Cum Costs: Drilling</b>	\$723,561	<b>Completion</b>	\$0	<b>Well Total</b>	\$723,561						
<b>MD</b>	8,713	<b>TVD</b>	8,713	<b>Progress</b>	144	<b>Days</b>	10	<b>MW</b>	10.9	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							
<b>Activity at Report Time: DRILLING @ 8713'</b>											

Start	End	Hrs	Activity Description
06:00	08:30	2.5	DRILLED F/8569-8598' (29' @ 11.6'/HR) 16-20K WOB, 50-60 RPM, 56 RPM MOTOR, 354 GPM, 100-200 DIFF. MUD WT. 10.9 VIS 39. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
08:30	09:00	0.5	SERVICE RIG, FUNCTION PIPE RAMS.
09:00	12:30	3.5	SWITCH BACK TO #1 PUMP. DRILLED F/8598-8645' (47' @ 13.4'/HR) 16-20K WOB, 50-60 RPM, 72 RPM MOTOR, 449 GPM, 100-200 DIFF. MUD WT. 10.9 VIS 41. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
12:30	14:00	1.5	CIRCULATE BOTTOMS UP, FILL TRIP TANK, DROP SURVEY, MIX AND PUMP PILL TO POOH FOR BIT #3.
14:00	19:00	5.0	POOH FOR BIT #3. NO TIGHT HOLE. FLOW CHECK AT SHOE, NO FLOW.
19:00	20:00	1.0	STRAP AND PICK UP MOTOR AND BIT.
20:00	01:30	5.5	TIH WITH BIT #3, FILL HALFWAY.
01:30	02:30	1.0	WASH/REAM F/8515-8645', NO FILL.
02:30	06:00	3.5	DRILLED F/8645-8713' (68' @ 19.4'/HR) 10-20K WOB, 50-60 RPM, 72 RPM MOTOR, 449 GPM, 100-200 DIFF. MUD WT. 11.1 VIS 38. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.

SAFETY MEETINGS: PUMPS, TRIPPING OUT OF HOLE  
 NO INCIDENTS/ACCIDENTS REPORTED  
 C.O.M. SET & CHECKED BY BOTH CREWS  
 FULL CREWS BOTH TOURS.  
 FUEL ON HAND: 4392 GAL. USED TODAY: 888 GAL.  
 NO BOILER.  
 FORMATION: MIDDLE PRICE RIVER, NO FLARE

<b>06-18-2008</b>		<b>Reported By</b>		WOODIE L BEARDSLEY							
<b>Daily Costs: Drilling</b>	\$49,754	<b>Completion</b>	\$0	<b>Daily Total</b>	\$49,754						
<b>Cum Costs: Drilling</b>	\$773,316	<b>Completion</b>	\$0	<b>Well Total</b>	\$773,316						
<b>MD</b>	9,173	<b>TVD</b>	9,173	<b>Progress</b>	460	<b>Days</b>	11	<b>MW</b>	10.8	<b>Visc</b>	38.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: DRILLING @ 9173'</b>											

Start	End	Hrs	Activity Description
06:00	08:00	2.0	LOST CIRCULATION. REDUCE STROKES TO 60 SPM, PUMP LCM SWEEP. REGAINED CIRCULATION. LOST APPROX. 80 BBL. REDUCE MUD WT. TO 10.8 PPG.
08:00	16:00	8.0	DRILLED F/8713-8891' (178' @ 22.3'/HR) 18-20K WOB, 50-60 RPM, 56-72 RPM MOTOR, 332-449 GPM, 100-200 DIFF. REDUCE FLOW RATE, GRADUALLY WORK BACK UP TO 449 GPM MUD WT. 10.8+ VIS 42. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
16:00	16:30	0.5	SERVICE RIG, GREASE CROWN.
16:30	06:00	13.5	DRILLED F/8891-9173' (282' @ 20.9'/HR) 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 43. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION. SAFETY MEETINGS: MIXING LCM, NEW HANDS. NO INCIDENTS/ACCIDENTS REPORTED C.O.M. SET & CHECKED BY BOTH CREWS FULL CREW + RELIEF DRILLER ON DAYLIGHT TOUR, FULL CREW + NEW TRAINEE ON MORNING TOUR. FUEL ON HAND: 7513 GAL. USED TODAY: 1379 GAL. NO BOILER. FORMATION: MIDDLE PRICE RIVER, NO FLARE

<b>06-19-2008</b>		<b>Reported By</b>		C. ARRIETA, W. BEARDSLEY							
<b>Daily Costs: Drilling</b>	\$31,213	<b>Completion</b>	\$0	<b>Daily Total</b>	\$31,213						
<b>Cum Costs: Drilling</b>	\$804,530	<b>Completion</b>	\$0	<b>Well Total</b>	\$804,530						
<b>MD</b>	9,632	<b>TVD</b>	9,632	<b>Progress</b>	459	<b>Days</b>	12	<b>MW</b>	10.8	<b>Visc</b>	39.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: DRILLING @ 9632'</b>											

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILLED F/9173- 9330' (157') 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 43. NEW DRILL PIPE, MAKE & BREAK EACH CONNECTION.
13:30	14:00	0.5	RIG REPAIR, CHANGE OUT WEIGHT INDICATOR
14:00	15:30	1.5	DRILL ROTATE 9330' - 9361' (31') 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 39
15:30	16:00	0.5	SERVICE RIG

16:00 06:00 14.0 DRILL ROTATE 9361' - 9632' (271') 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF.  
 MUD WT. 11.0 VIS 39  
 LOST 0 BBLS MUD IN HOLE  
 SAFETY MEETINGS: SCRUBBING & TONGS, PIPE RAMS  
 NO INCIDENTS/ACCIDENTS REPORTED.  
 FULL CREW  
 SET C.O.M. & CHECKED BY BOTH CREWS.  
 FUEL ON HAND: 6197 GAL. USED TODAY: 1316 GALS.  
 FORMATION: PRICE RIVER LOWER F/ 9194'  
 NO FLARE.

<b>06-20-2008</b>		<b>Reported By</b>		CARLOS ARRIETA							
<b>Daily Costs: Drilling</b>	\$38,264			<b>Completion</b>	\$0	<b>Daily Total</b>		\$38,264			
<b>Cum Costs: Drilling</b>	\$842,794			<b>Completion</b>	\$0	<b>Well Total</b>		\$842,794			
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	222	<b>Days</b>	13	<b>MW</b>	10.9	<b>Visc</b>	40.0
<b>Formation :</b>		<b>PBTD : 0.0</b>			<b>Perf :</b>		<b>PKR Depth : 0.0</b>				
<b>Activity at Report Time: PREP TO LD DP</b>											

Start	End	Hrs	Activity Description
06:00	16:00	10.0	DRILL ROTATE 9632' - 9768' (136') 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 39
16:00	16:30	0.5	SERVICE RIG
16:30	18:30	2.0	DRILL ROTATE 9768' - 9792' (24') 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 39
18:30	19:00	0.5	RIG REPAIR, WORK ON # 1 & # 2 MUD PUMPS
19:00	20:00	1.0	DRILL ROTATE 9792' - 9803' (11') 18-22K WOB, 37-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 39
20:00	20:30	0.5	RIG REPAIR, WORK ON # 1 MUD PUMP, CHANGE OUT RELAY VALVE
20:30	02:00	5.5	DRILL ROTATE 9803' - 9854' (51') WELL TD, 20/24K WOB, 45-52 RPM, 72 RPM MOTOR, 449 GPM, 100-300 DIFF. MUD WT. 10.9 VIS 39. REACHED TD AT 02:00 HRS, 6/20/08.
02:00	03:30	1.5	CIRCULATE CONDITION HOLE F/ SHORT TRIP
03:30	05:30	2.0	SHORT TRIP 15 STDS, TO 8453'
05:30	06:00	0.5	CIRCULATE F/ LAY DOWN PIPE. MUD WT. 10.9 PPG, VIS 39 LOST 0 BBLS MUD IN HOLE SAFETY MEETINGS: PULLING SLIPS & DRUG AWEARNESS NO INCIDENTS/ACCIDENTS REPORTED. FULL CREW SET C.O.M. & CHECKED BY BOTH CREWS. FUEL ON HAND: 5100 GAL. USED TODAY: 1097 GALS. FORMATION: SEGO F/ 9644' NO FLARE.

<b>06-21-2008</b>		<b>Reported By</b>		CARLOS ARRIETA							
<b>Daily Costs: Drilling</b>	\$36,341			<b>Completion</b>	\$179,405	<b>Daily Total</b>		\$215,746			
<b>Cum Costs: Drilling</b>	\$879,135			<b>Completion</b>	\$179,405	<b>Well Total</b>		\$1,058,540			
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0	<b>Days</b>	14	<b>MW</b>	10.9	<b>Visc</b>	40.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	09:00	3.0	CIRCULATE F/ LAY DOWN PIPE. MUD WT. 10.9 PPG, VIS 39, MIX & PUMP 120 BBLS PILL 12.6 PPG, RIG UP T-REX CASING L/DN MACHINE
09:00	17:30	8.5	LAY DOWN DRILL PIPE & BHA, BREAK KELLY. RIG OPERATION END 06/20/2008 @ 0830 AM. NOTIFIED MS. DONNA L. KENNEY FOR RUN CSG & CEMENT
17:30	18:30	1.0	PULL WEAR BUSHING, HOLD PRE-JOB SAFETY MEETING WITH T-REX CASING CREW & RIG CREW. RIG UP CASERS EQUIPMENTS.
18:30	01:30	7.0	RUN CASING 4 1/2" , # 11.6 LTC, 228 JTS SET 9854, AS FOLLOWS, FLOAT SHOE, IJT.CSG., FLOAT COLLAR, 68 JTS. CSG., 1 MARKER JT., 65 JTS.CSG., 1 MARKER JT. 95 JTS.CSG. 1 SHORT JT.+ HANGER ASS. & LANDING JT. FLOAT SHOE @ 9852.50', FLOAT COLLAR @ 9809.61', MARKER JT. @ 6912.23', MARKER JT. @ 4103.88', CENTRALIZERS, 5 FT. ABOVE SHOE, TOP OF JT.#2 & EVERY 3 TH. JT., TOTAL 25.
01:30	02:30	1.0	TAG @ 9854', FILL PIPE, R/DN T-REX L/ DN MACHINE, R/ UP SCHLUMBERGER CEMENTING EQUIPMENT, HELD SAFETY MEETING.
02:30	04:30	2.0	CEMENTING W/ SCHLUMBERGER, TEST LINES 5000 PSI, PUMPING 20 BBLS CHEM WASH & 20 BBLS WATER SPACER, LEAD CEMENT 350 SKS. 35/65 POZ G + ADDS MIX D020 5.% EXTENDER, D112 .75% FLUID LOSS, D046 .2%, ANTIFOAM, D013 .3% RATERDER, D130 .125 LOST CIRC. D065 .2% DISPERSANT. YIELD 1.98 FT3/SK, H2O 10 GAL/SK @ 12.50 PPG. TAIL 1743 SKS 50/50 POZ G + ADDS D020 2% EXTENDER, D046 .1% ANTIFOAM, D167 .2% FLUID LOSS, D065 .2% DISPERSANT, D013 .1% RETARDER YIELD 1.29 FT3/SK , FRESH WATER 5.96 GAL/SK @ 14.1 PPG. DISP. TO FLOAT COLLER FRESH WATER. W/ 153 BBLS. AVG. DISP. RATE 6 BPM, GOOD RETURNS DROP PLUG @ 04:00 HRS. BUMPED PLUG @ 04:30 HRS. TO 3656 PSI. 900 PSI. OVER LIFT HOLD PRESS.F/1 MINS. 2.0 BBL. BACK.
04:30	06:00	1.5	LAND CSG. HANGER W/ FULL STRING WT. # 80,000, WAIT 1 HR. SET HANGER PACKING, TEST 5000 PSI. OK. NIPPLE DOWN, CLEAN MUD TANKS.  SET F/ TRUCKS, R.W.JONES TO BE ON LOCATION SUNDAY @ 07:00, 06/22/08, MOVE TO NBU 573-17E , 0.3 MILES TO NEW LOCATION. RIG CAMP WILL BE MOVE TODAY 06/21/08. TRANSFER FROM NBU 572-17E TO NBU 573-17E, 6 JOINTS 4.5 CSG # 11.6 N-80 LTC + 2 MARKER JT. & 4392 GLS. FUEL, SEND 1000 BBLS OF LIQUID MUD TO NBU 573-17E & 300 BBLS TO EOG YARD NO ACCIDENTS REPORTED FULL CREW CHECK SAFETY CROWN OK - SAFETY MEETING: LAY DOWN D. PIPE & RUN CSG FUEL ON HAND: 4392 GALS. USED 708 GALS.
06:00	06:00	24.0	RIG RELEASED @ 06:00 HRS, 6/21/2008. CASING POINT COST \$873,361

<b>06-25-2008</b>		<b>Reported By</b>		SEARLE							
<b>Daily Costs: Drilling</b>	\$0			<b>Completion</b>	\$44,905	<b>Daily Total</b>		\$44,905			
<b>Cum Costs: Drilling</b>	\$879,135			<b>Completion</b>	\$224,310	<b>Well Total</b>		\$1,103,445			
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTB : 9810.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 60'. EST CEMENT TOP @ 90'. RD SCHLUMBERGER.

07-02-2008 Reported By HISLOP,CARLSON

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$1,908	<b>Daily Total</b>	\$1,908
<b>Cum Costs: Drilling</b>	\$879,135	<b>Completion</b>	\$226,218	<b>Well Total</b>	\$1,105,353
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0
		<b>Days</b>	16	<b>MW</b>	0.0
		<b>Visc</b>		<b>PKR Depth</b>	0.0

**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 8401-9555

**Activity at Report Time: FRAC**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU LONE WOLF WIRELINE & PERFORATE LPR FROM 9376'-78', 9397'-98', 9400'-01', 9404'-05', 9444'-45', 9453'-54', 9482'-84', 9488'-89', 9515'-16', 9554'-55' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3110 GAL 20# LINEAR PAD, 6306 GAL 20# LINEAR W/1# & 1.5# 20/40 SAND, 24996 GAL 16# YF116ST+ W/91700# 20/40 SAND @ 1-5 PPG. MTP 6222 PSIG. MTR 51.3 BPM. ATP 5236 PSIG. ATR 45.6 BPM. ISIP 3175 PSIG. RD SCHLUMBERGER.
			RUWL. SET 6K CFP AT 9350'. PERFORATE M/LPR FROM 9102'-03', 9122'-23', 9129'-30', 9157'-58', 9184'-85', 9217'-18', 9224'-25', 9232'-33', 9263'-64', 9291'-92', 9314'-15', 9329'-30' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3112 GAL 20# LINEAR PAD, 6299 GAL 20# LINEAR W/1# & 1.5# 20/40 SAND, 29676 GAL YF116ST+ W/95200# 20/40 SAND @ 1-4 PPG. MTP 6528 PSIG. MTR 51.0 BPM. ATP 6048 PSIG. ATR 43.3 BPM. ISIP 3490 PSIG. RD SCHLUMBERGER.
			RUWL. SET 6K CFP AT 9045'. PERFORATE MPR FROM 8843'-44', 8851'-52', 8860'-61', 8873'-74', 8906'-07', 8922'-23', 8934'-35', 8952'-53', 8956'-57', 8989'-90', 9008'-09', 9015'-16' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5136 GAL WF120 LINEAR PAD, 6308 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 34524 GAL YF116ST+ WITH 119000# 20/40 SAND @ 1-4 PPG. MTP 6547 PSIG. MTR 49.4 BPM. ATP 6142 PSIG. ATR 35.9 BPM. ISIP 4100 PSIG. RD SCHLUMBERGER
			RUWL. SET 6K CFP AT 8810' & PERFORATE MPR FROM 8634'-35', 8644'-45', 8658'-59', 8666'-67', 8700'-01', 8706'-07', 8733'-34', 8752'-53', 8759'-60', 8781'-82', 8786'-87', 8796'-97' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6312 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 34676 GAL YF116ST+ WITH 124400# 20/40 SAND @ 1-5 PPG. MTP 6468 PSIG. MTR 51.5 BPM. ATP 5314 PSIG. ATR 45.9 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.
			RUWL. SET 6K CFP AT 8590'. PERFORATE MPR FROM 8401'-02', 8405'-06', 8416'-17', 8426'-27', 8470'-71', 8484'-85', 8504'-05', 8515'-16', 8528'-29', 8636'-37', 8550'-51', 8575'-76' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6303 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 46135 GAL YF116ST+ WITH 165300# 20/40 SAND @ 1-5 PPG. MTP 6508 PSIG. MTR 51.4 BPM. ATP 4984 PSIG. ATR 47.7 BPM. ISIP 3100 PSIG. RD SCHLUMBERGER. SDFN.

07-03-2008 Reported By CARLSON

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$3,810	<b>Daily Total</b>	\$3,810
<b>Cum Costs: Drilling</b>	\$879,135	<b>Completion</b>	\$230,028	<b>Well Total</b>	\$1,109,163
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0
		<b>Days</b>	17	<b>MW</b>	0.0
		<b>Visc</b>		<b>PKR Depth</b>	0.0

**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 6450-9555

**Activity at Report Time: FRAC**

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 SICP 2315 PSIG. RUWL. SET 6K CFP AT 8360'. PERFORATE UPR FROM 8055'-56', 8070'-71', 8125'-26', 8166'-67', 8176'-77', 8189'-90', 8244'-45', 8250'-51', 8271'-72', 8333'-34', 8338'-39', 8345'-46' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6291 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 33550 GAL YF116ST+ WITH 120200# 20/40 SAND @ 1-5 PPG. MTP 6297 PSIG. MTR 50.1 BPM. ATP 5147 PSIG. ATR 46.7 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 7950'. PERFORATE UPR FROM 7680'-81', 7685'-86', 7709'-10', 7714'-15', 7722'-23', 7766'-67', 7787'-88', 7900'-01', 7911'-12', 7921'-22', 7930'-31' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6329 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 38728 GAL YF116ST+ WITH 138000# 20/40 SAND @ 1-5 PPG. MTP 6326 PSIG. MTR 51.6 BPM. ATP 5553 PSIG. ATR 48.6 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 7650'. PERFORATE UPR FROM 7402'-03', 7408'-09', 7421'-22', 7445'-46', 7451'-52', 7466'-67', 7492'-93', 7515'-16', 7546'-47', 7561'-62', 7594'-95', 7638'-39' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6342 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND 39156 GAL YF116ST+ WITH 139800# 20/40 SAND @ 1-5 PPG. MTP 6327 PSIG. MTR 51.3 BPM. ATP 5085 PSIG. ATR 49.1 BPM. ISIP 3400 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 7354'. PERFORATE NH FROM 7207'-09', 7231'-32', 7235'-36', 7245'-46', 7268'-70', 7293'-95', 7321'-22', 7339'41' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6331 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 18563 GAL YF116ST+ WITH 67500# 20/40 SAND @ 1-5 PPG. MTP 6675 PSIG. MTR 52.2 BPM. ATP 5678 PSIG. ATR 41.2 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 7170'. PERFORATE NH FROM 7010'-11', 7021'-22', 7031'-32', 7045'-46', 7048'-49', 7052'-53', 7092'-93', 7096'-97', 7119'-20', 7128'-29', 7152'-53', 7156'-57' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6318 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 25294 GAL YF116ST+ WITH 91800# 20/40 SAND @ 1-5 PPG. MTP 6180 PSIG. MTR 51.3 BPM. ATP 4738 PSIG. ATR 49 BPM. ISIP 3000 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 6980'. PERFORATE NH FROM 6741'-42', 6770'-71', 6795'-96', 6807'-08', 6819'-20', 6836'-37', 6863'-64', 6900'-01', 6924'-25', 6933'-34', 6945'-47', 6964'-65' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6345 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 18949 GAL YF116ST+ WITH 69600# 20/40 SAND @ 1-5 PPG. MTP 6418 PSIG. MTR 51.9 BPM. ATP 5465 PSIG. ATR 46 BPM. ISIP 2900 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 6705'. PERFORATE Ba/NH FROM 6450'-51', 6458'-59', 6519'-20', 6524'-25', 6546'-47', 6580'-81', 6591'-92', 6603'-04', 6657'-58', 6669'-70', 6677'-78', 6687'-88' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 6317 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 30267 GAL YF116ST+ WITH 109900# 20/40 SAND @ 1-5 PPG. MTP 4962 PSIG. MTR 52 BPM. ATP 4346 PSIG. ATR 49.7 BPM. ISIP 3000 PSIG. RD SCHLUMBERGER. SDFN.

07-04-2008		Reported By		CARLSON							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>	\$532,187		<b>Daily Total</b>	\$532,187			
<b>Cum Costs: Drilling</b>		\$879,135		<b>Completion</b>	\$762,215		<b>Well Total</b>	\$1,641,351			
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0	<b>Days</b>	18	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE, WASATCH</b>		<b>PBTD : 9810.0</b>		<b>Perf : 5313-9555</b>		<b>PKR Depth : 0.0</b>					

**Activity at Report Time: DRILL PLUGS**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 1870 PSIG RUWL SET 6K CFP AT 6415'. PERFORATE Ba FROM 6167'-68', 6172'-73', 6204'-05', 6210'-11', 6242'-43', 6250'-51', 6284'-85', 6336'-37', 6345'-46', 6369'-70', 6384'-85', 6400'-01' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 0 GAL WF120 LINEAR PAD, 4213 GAL WF120 LINEAR 1# & 1.5# SAND, 17684 GAL YF116ST+ WITH 61600# 20/40 SAND @ 1-4 PPG. MTP 5967 PSIG. MTR 51.3 BPM. ATP 4170 PSIG. ATR 47.3 BPM. ISIP 1950 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 6110'. PERFORATE Ba FROM 5803'-04', 5821'-22', 5909'-10', 5917'-18', 5945'-46', 5956'-57', 5976'-77', 5990'-91', 6043'-44', 6051'-52', 6068'-69', 6089'-90' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 0 GAL WF120 LINEAR PAD, 4247 GAL WF120 LINEAR 1# & 1.5# SAND, 18189 GAL YF116ST+ WITH 62400 #20/40 SAND @ 1-4 PPG. MTP 5799 PSIG. MTR 52 BPM. ATP 3943 PSIG. ATR 48.4 BPM. ISIP 2000 PSIG. RD SCHLUMBERGER

RUWL SET 6K CFP AT 5750'. PERFORATE Ca FROM 5313'-14', 5341'-42', 5374'-75', 5422'-23', 5470'-71', 5578'-79', 5627'-28', 5634'-35', 5657'-58', 5695'-96', 5727'-28' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 0 GAL WF120 LINEAR PAD, 4207 GAL WF120 LINEAR 1# & 1.5# SAND, 23463 GAL YF116ST+ WITH 84400 #20/40 SAND @ 1-4 PPG. MTP 6307 PSIG. MTR 51.4 BPM. ATP 4496 PSIG. ATR 48.5 BPM. ISIP 2200 PSIG. RD SCHLUMBERGER

RUWL. SET 6K CBP AT 5214 '. RDMO LONE WOLF WIRELINE.

SICP 0 PSIG. MIRUSU. ND TREE. NU BOP RIH W/BIT & PUMP OFF SUB TO 5214'. RU TO DRILL PLUGS. SDFN.

07-08-2008		Reported By		HISLOP								
<b>DailyCosts: Drilling</b>		\$0			<b>Completion</b>		\$66,505			<b>Daily Total</b>		\$66,505
<b>Cum Costs: Drilling</b>		\$879,135			<b>Completion</b>		\$828,720			<b>Well Total</b>		\$1,707,856
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0	<b>Days</b>	19	<b>MW</b>	0.0	<b>Visc</b>	0.0	
<b>Formation : MEASEVERDE, WASATCH</b>		<b>PBTD : 9810.0</b>		<b>Perf : 5313-9555</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: FLOW TESTING</b>												
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>									
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5214', 5750', 6110', 6415', 6705', 6980', 7170', 7354', 7650', 7950', 8360', 8590', 8810', 9045', & 9350'. RIH CLEANED OUT TO 9669'. LANDED TUBING @ 7392' KB. ND BOP. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 14 HRS. 24/64 FTP 1300 PSIG. CP 1350 PSIG. 72 FPH. RECOVERED 1120 BLW. 13480 BLWTR. TUBING DETAIL LENGTH PUMP OFF BIT SUB .91' 1 JT 2-3/8" 4.7# L-80 TBG 32.90' XN NIPPLE 1.30' 224 JTS 2-3/8" 4.7# L-80 TBG 7344.48' BELOW KB 12.00' LANDED @ 7391.59' KB									

07-09-2008		Reported By		HISLOP								
<b>DailyCosts: Drilling</b>		\$0			<b>Completion</b>		\$3,465			<b>Daily Total</b>		\$3,465
<b>Cum Costs: Drilling</b>		\$879,135			<b>Completion</b>		\$832,185			<b>Well Total</b>		\$1,711,321
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0	<b>Days</b>	20	<b>MW</b>	0.0	<b>Visc</b>	0.0	
<b>Formation : MEASEVERDE, WASATCH</b>		<b>PBTD : 9810.0</b>		<b>Perf : 5313-9555</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: FLOW TESTING</b>												
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>									
06:00	06:00	24.0	FLOWED 24 HRS. 24/64 FTP 1200 PSIG. CP 1200 PSIG. 68 FPH. RECOVERED 1628 BLW. 11852 BLWTR.									

07-10-2008		Reported By		HISLOP								
<b>DailyCosts: Drilling</b>		\$0			<b>Completion</b>		\$2,665			<b>Daily Total</b>		\$2,665
<b>Cum Costs: Drilling</b>		\$879,135			<b>Completion</b>		\$834,850			<b>Well Total</b>		\$1,713,986

**MD** 9,854 **TVD** 9,854 **Progress** 0 **Days** 21 **MW** 0.0 **Visc** 0.0  
**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 5313-9555 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING

**Start** **End** **Hrs** **Activity Description**  
 06:00 06:00 24.0 FLOWED 24 HRS. 24/64 FTP 1200 PSIG. CP 1250 PSIG. 52 FPH. RECOVERED 1336 BLW. 10516 BLWTR.

**07-11-2008** **Reported By** HISLOP

**Daily Costs: Drilling** \$0 **Completion** \$2,665 **Daily Total** \$2,665  
**Cum Costs: Drilling** \$879,135 **Completion** \$837,515 **Well Total** \$1,716,651

**MD** 9,854 **TVD** 9,854 **Progress** 0 **Days** 22 **MW** 0.0 **Visc** 0.0  
**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 5313-9555 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING

**Start** **End** **Hrs** **Activity Description**  
 06:00 06:00 24.0 FLOWED 24 HRS. 24/64 FTP 1200 PSIG. CP 2200 PSIG. 40 FPH. RECOVERED 1104 BLW. 9412 BLWTR.

**07-12-2008** **Reported By** HISLOP

**Daily Costs: Drilling** \$0 **Completion** \$2,665 **Daily Total** \$2,665  
**Cum Costs: Drilling** \$879,135 **Completion** \$840,180 **Well Total** \$1,719,316

**MD** 9,854 **TVD** 9,854 **Progress** 0 **Days** 23 **MW** 0.0 **Visc** 0.0  
**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 5313-9555 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING

**Start** **End** **Hrs** **Activity Description**  
 06:00 06:00 24.0 FLOWED 24 HRS. 24/64 FTP 1200 PSIG. CP 2100 PSIG. 36 FPH. RECOVERED 900 BLW. 8512 BLWTR.

**07-13-2008** **Reported By** HISLOP

**Daily Costs: Drilling** \$0 **Completion** \$2,665 **Daily Total** \$2,665  
**Cum Costs: Drilling** \$879,135 **Completion** \$842,845 **Well Total** \$1,721,981

**MD** 9,854 **TVD** 9,854 **Progress** 0 **Days** 24 **MW** 0.0 **Visc** 0.0  
**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 5313-9555 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING

**Start** **End** **Hrs** **Activity Description**  
 06:00 06:00 24.0 FLOWED 24 HRS. 24/64 FTP 1050 PSIG. CP 1950 PSIG. 28 FPH. RECOVERED 756 BLW. 7756 BLWTR.

**07-14-2008** **Reported By** HISLOP

**Daily Costs: Drilling** \$0 **Completion** \$2,665 **Daily Total** \$2,665  
**Cum Costs: Drilling** \$879,135 **Completion** \$845,510 **Well Total** \$1,724,646

**MD** 9,854 **TVD** 9,854 **Progress** 0 **Days** 25 **MW** 0.0 **Visc** 0.0  
**Formation** : MEASEVERDE, **PBTD** : 9810.0 **Perf** : 5313-9555 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TEST

**Start** **End** **Hrs** **Activity Description**  
 06:00 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1850 PSIG. 24 FPH. RECOVERED 632 BLW. 7124 BLWTR.

07-15-2008      Reported By      HISLOP

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,665	<b>Daily Total</b>	\$2,665
<b>Cum Costs: Drilling</b>	\$879,135	<b>Completion</b>	\$848,175	<b>Well Total</b>	\$1,727,311
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0
<b>Days</b>	26	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation</b> : MEASEVERDE, WASATCH	<b>PBTD</b> : 9810.0	<b>Perf</b> : 5313-9555	<b>PKR Depth</b> : 0.0		

Activity at Report Time: WAITING ON PRODUCTION FACILITIES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64 FTP 1000 PSIG. CP 1750 PSIG. 16 FPH. RECOVERED 548 BLW. 6576 BLWTR. SWI @ 6:00 AM. WAITING ON PRODUCTION FACILITIES.

FINAL COMPLETION DATE: 07/14/08.

08-05-2008      Reported By      DUANE COOK

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$879,135	<b>Completion</b>	\$848,175	<b>Well Total</b>	\$1,727,311
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0
<b>Days</b>	27	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation</b> : MEASEVERDE, WASATCH	<b>PBTD</b> : 9810.0	<b>Perf</b> : 5313-9555	<b>PKR Depth</b> : 0.0		

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION - OPENING PRESSURE: TP 1500 PSIG & CP 2400 PSIG. TURNED WELL OVER TO KERR-MAGEE SALES METER #985673 AT 11:30 HRS, 8/4/08. FLOWED 450 MCFD RATE ON 12/64" CHOKE. STATIC 458.

08-06-2008      Reported By      DUANE COOK

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$879,135	<b>Completion</b>	\$848,175	<b>Well Total</b>	\$1,727,311
<b>MD</b>	9,854	<b>TVD</b>	9,854	<b>Progress</b>	0
<b>Days</b>	28	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation</b> : MEASEVERDE, WASATCH	<b>PBTD</b> : 9810.0	<b>Perf</b> : 5313-9555	<b>PKR Depth</b> : 0.0		

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 573 MCF, 0 BC & 120 BW IN 24 HRS ON 12/64" CHOKE, TP 1700 PSIG, CP 2400 PSIG.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU02278

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NATURAL BUTTES UN

2. Name of Operator  
EOG RESOURCES, INC. Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

8. Lease Name and Well No.  
NATURAL BUTTES UNIT 572-17E

3. Address 600 17TH STREET SUITE 1000N  
DENVER, CO 80202 3a. Phone No. (include area code)  
Ph: 303-824-5526

9. API Well No.  
43-047-38374

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NESE 1810FSL 739FEL 39.94549 N Lat, 109.56896 W Lon  
At top prod interval reported below NESE 1810FSL 739FEL 39.94549 N Lat, 109.56896 W Lon  
At total depth NESE 1810FSL 739FEL 39.94549 N Lat, 109.56896 W Lon

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

11. Sec., T., R., M., or Block and Survey  
or Area Sec 17 T10S R21E Mer SLB

12. County or Parish  
UINTAH 13. State  
UT

14. Date Spudded  
04/25/2008 15. Date T.D. Reached  
06/20/2008 16. Date Completed  
 D & A  Ready to Prod.  
08/04/2008

17. Elevations (DF, KB, RT, GL)\*  
5191 GL

18. Total Depth: MD 9854 TVD 19. Plug Back T.D.: MD 9810 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
RST/CBL/CCL/VDL/GR *Temp. Press* 22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	2436		661			
7.875	4.500 N-80	11.6	0	9854		2093			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7392							

25. Producing Intervals

26. Perforation Record *5313-9555*

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
AWASATCH/MESAVERDE	5313	9555	9376 TO 9555		3	
B)			9102 TO 9330		3	
C)			8843 TO 9016		3	
D)			8634 TO 8797		3	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9376 TO 9555	34,577 GALS GELLED WATER & 91,700# 20/40 SAND
9102 TO 9330	39,252 GALS GELLED WATER & 95,200# 20/40 SAND
8843 TO 9016	46,133 GALS GELLED WATER & 119,000# 20/40 SAND
8634 TO 8797	41,153 GALS GELLED WATER & 124,400# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/04/2008	08/11/2008	24	→	2.0	457.0	160.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64"	1700	2350.0	→	2	457	160		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #62807 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH/MESAVERDE	5313	9555		GREEN RIVER MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER MIDDLE PRICE RIVER	1362 1941 4344 4467 5071 5776 7446 8386

32. Additional remarks (include plugging procedure):  
Please see the attached sheet for detailed perforation and additional formation marker information.

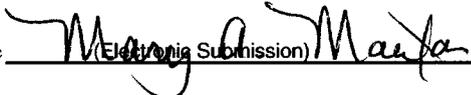
33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #62807 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., sent to the Vernal**

Name (please print) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature  Date 09/05/2008

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Natural Buttes Unit 572-17E - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

8401-8576	3/spf
8055-8346	3/spf
7680-7931	3/spf
7402-7639	3/spf
7207-7341	3/spf
7010-7157	3/spf
6741-6965	3/spf
6450-6688	3/spf
6167-6401	3/spf
5803-6090	3/spf
5313-5728	3/spf

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

8401-8576	52,603 GALS GELLED WATER & 165,300# 20/40 SAND
8055-8346	40,006 GALS GELLED WATER & 120,200# 20/40 SAND
7680-7931	45,222 GALS GELLED WATER & 138,000# 20/40 SAND
7402-7639	45,663 GALS GELLED WATER & 139,800# 20/40 SAND
7207-7341	25,059 GALS GELLED WATER & 67,500# 20/40 SAND
7010-7157	31,777 GALS GELLED WATER & 91,800# 20/40 SAND
6741-6965	25,459 GALS GELLED WATER & 69,600# 20/40 SAND
6450-6688	36,584 GALS GELLED WATER & 109,900# 20/40 SAND
6167-6401	21,897 GALS GELLED WATER & 61,600# 20/40 SAND
5803-6090	22,436 GALS GELLED WATER & 62,400# 20/40 SAND
5313-5728	27,670 GALS GELLED WATER & 84,400# 20/40 SAND

Perforated the Lower Price River from 9376-78', 9397-98', 9400-01', 9404-05', 9444-45', 9453-54', 9482-84', 9488-89', 9515-16', 9554-55' w/ 3 spf.

Perforated the Middle/Lower Price River from 9102-03', 9122-23', 9129-30', 9157-58', 9184-85', 9217-18', 9224-25', 9232-33', 9263-64', 9291-92', 9314-15', 9329-30' w/ 3 spf.

Perforated the Middle Price River from 8843-44', 8851-52', 8860-61', 8873-74', 8906-07', 8922-23', 8934-35', 8952-53', 8956-57', 8989-90', 9008-09', 9015-9016' w/ 3 spf.

Perforated the Middle Price River from 8634-35', 8644-45', 8658-59', 8666-67', 8700-01', 8706-07', 8733-34', 8752-53', 8759-60', 8781-82', 8786-87', 8796-97' w/ 3 spf.

Perforated the Middle Price River from 8401-02', 8405-06', 8416-17', 8426-27', 8470-71', 8484-85', 8504-05', 8515-16', 8528-29', 8636-37', 8550-51', 8575-76' w/ 3 spf.

Perforated the Upper Price River from 8055-56', 8070-71', 8125-26', 8166-67', 8176-77', 8189-90', 8244-45', 8250-51', 8271-72', 8333-34', 8338-39', 8345-46' w/ 3 spf.

Perforated the Upper Price River from 7680-81', 7685-86', 7709-10', 7714-15', 7722-23', 7766-67', 7787-88', 7900-01', 7911-12', 7921-22', 7930-31' w/ 3 spf.

Perforated the Upper Price River from 7402-03', 7408-09', 7421-22', 7445-46', 7451-52', 7466-67', 7492-93', 7515-16', 7546-47', 7561-62', 7594-95', 7638-39' w/ 3 spf.

Perforated the North Horn from 7207-09', 7231-32', 7235-36', 7245-46', 7268-70', 7293-95', 7321-22', 7339-41' w/ 3 spf.

Perforated the North Horn from 7010-11', 7021-22', 7031-32', 7045-46', 7048-49', 7052-53', 7092-93', 7096-97', 7119-20', 7128-29', 7152-53', 7156-57' w/ 3 spf.

Perforated the North Horn from 6741-42', 6770-71', 6795-96', 6807-08', 6819-20', 6836-37', 6863-64', 6900-01', 6924-25', 6933-34', 6945-47', 6964-65' w/ 3 spf.

Perforated the Ba/North Horn from 6450-51', 6458-59', 6519-20', 6524-25', 6546-47', 6580-81', 6591-92', 6603-04', 6657-58', 6669-70', 6677-78', 6687-88' w/ 3 spf.

Perforated the Ba from 6167-68', 6172-73', 6204-05', 6210-11', 6242-43', 6250-51', 6284-85', 6336-37', 6345-46', 6369-70', 6384-85', 6400-01' w/ 3 spf.

Perforated the Ba from 5803-04', 5821-22', 5909-10', 5917-18', 5945-46', 5956-57', 5976-77', 5990-91', 6043-44', 6051-52', 6068-69', 6089-90' w/ 3 spf.

Perforated the Ca from 5313-14', 5341-42', 5374-75', 5422-23', 5470-71', 5578-79', 5627-28', 5634-35', 5657-58', 5695-96', 5727-28' w/ 3 spf.

### **32. FORMATION (LOG) MARKERS**

Lower Price River	9162
Sego	9652

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

FORM 7

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: NBU 572-17E

API number: 4304738374

Well Location: QQ NESE Section 17 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		
1,600	1,630	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 9/5/2008

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

**ROUTING**

1. DJJ
2. CDW

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

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

<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 572-17E	17	100S	210E	4304738374	2900	Federal	GW	P
NBU 573-17E	17	100S	210E	4304738510	2900	Federal	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
- (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: 9/25/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/25/2008
- 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

**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

**COMMENTS:**

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

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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DIV. OF OIL, GAS & MINING

<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> U-02278
<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 572-17E
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047383740000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6454
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1810 FSL 0739 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 17 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: <b>10/4/2016</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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.  
 Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 572-17E well. Please see the attached procedure for details. Thank you.

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** November 09, 2016  
**By:** *Derek Quist*

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/3/2016	



**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 43047383740000**

**A minimum of 100' (8 sx) cement shall be placed on CIBP @ 7476' to properly isolate the Mesaverde formation.**

**NBU 572-17E**  
**1810' FSL & 739' FEL**  
**NESE SEC. 17, T10S, R21E**  
**UINTAH UT**

**KBE:** 5199' **API NUMBER:** 4304738374  
**GLE:** 5187' **LEASE NUMBER:** UTU02278  
**TD:** 9854' **LAT/LONG:** 39.945515/-109.568958  
**PBTD:** 9810'

**CASING :** 12.25" hole  
**SURFACE** 9.625" 36# J-55 @ 2430'

**PRODUCTION** 7.875" hole  
 4.5" 11.6# N-80 @ 9850'  
 Est. TOC @ 965' CBL

**PERFORATIONS:** WASATCH-MESAVERDE TOP-BOTTOM 5321'-9563'

**TUBING:** 2.375" 4.7# TBG at 7388'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# N-80 csg	4	3.875	6350	7780	0.65282	0.08727	0.01554
9.625" 36# J-55 csg	8.921	8.765	2020	3520	3.24699	0.43406	0.07731

Annular Capacities	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" tbg. X 4.5" csg	0.42272	0.05651	0.01006
4.5" csg. X 9.625" csg	2.42077	0.32361	0.05764
4.5" csg X 7.875 borehole	1.70406	0.2278	0.04057

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Top Green River	1243'
Top Mahogany	1952'
Base Parachute	2785'
Top Wasatch	4470'
Top Mesaverde	7476'

<http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=55737>

BMSW Elevation ~1599' MSL  
 BMSW Depth ~3600'

## NBU 572-17E PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- 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 AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PERTINENT WELL HISTORY:

### PROCEDURE

**Note:** Approx. **132 SXS** Class "G" cement needed for procedure & **(2) 4.5" CIBP**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE MESAVERDE PERFORATIONS (> 7476'): RIH ON WIRELINE W/ 4.5" CIBP. SET @ ~7476'. RELEASE CIBP.
4. ISOLATE PERFORATIONS (9563'-5321'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~5271', (50' above top perf at 5321'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 5271' to 5166'(8 SXS, 9.16 FT3, 1.64 BBLs).
5. PROTECT WASATCH TOP (4470'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 4470' to 4260' (16 SXS, 18.32 FT3, 3.27 BBLs).
6. PROTECT BMSW (3600'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 3705' to 3495' (16 SXS, 18.32 FT3, 3.27 BBLs).
7. PROTECT PARACHUTE BASE (2785') & CASING SHOE (2430'): PUH WITH TUBING AND PUMP A MINIMUM OF (512FT) CMT F/ 2885' to 2373' (39 SXS, 44.66 FT3, 7.95 BBLs).
8. PROTECT GREEN RIVER (1243'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 1348' to 1138' (16 SXS, 18.32 FT3, 3.27 BBLs).
9. PROTECT SURFACE (101'): PUH WITH TUBING AND PUMP A MINIMUM OF (105 FT) CMT F/ 105'-0' (8 SXS, 9.16 FT3, 1.64 BBLs). POOH AND RUN 1 INCH TUBING DOWN THE PRODUCTION/SURFACE CASING ANNULUS TO AS DEEP AS POSSIBLE AND CEMENT TO SURFACE (29 SXS, 33.21 FT3, 5.91 BBLs).
10. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-02278
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>1. TYPE OF WELL</b> Gas Well	<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>8. WELL NAME and NUMBER:</b> NBU 572-17E
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>9. API NUMBER:</b> 43047383740000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1810 FSL 0739 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 17 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 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: 12/1/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 572-17E well. Please see the operations summary report for details.  
 Thank you.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 07, 2016

<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/6/2016	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 572-17E

Spud date: 6/8/2008

Project: UTAH-UINTAH

Site: NBU 572-17E

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 11/28/2016

End date: 12/1/2016

Active datum: RKB @5,199.00usft (above Mean Sea Level)

UWI: NBU 572-17E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/28/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 8:30	1.25	ABANDP	30	G	P		ROAD RIG TO LOCATION FROM NBU 1022-10G4CS.
	8:30 - 10:20	1.83	ABANDP	30	A	P		MIRU. SPOT IN ALL EQUIP. LAY PUMP LINES ETC.
	10:20 - 11:00	0.67	ABANDP	30	F	P		FCP & FTP= 45#. BLOW DOWN WELL TO PRODUCTION TANKS. CNTRL TBG W/ 15BBLS TMAC. CNTRL CSG W/ 15BBLS TMAC. NDWH. UN-LAND TBG (TBG STUCK). STRIP IN 2-3/8" X 6' L-80 PUP JT. LAND TBG BACK ON HANGER. NUBOP. R/U FLOOR & TBG EQUIP. UN-LAND TBG (RMV HANGER). INSTALL WASHINGTON RUBBER.
	11:00 - 12:30	1.50	ABANDP	31		P		P/U 20' OF 2-3/8" L-80 TBNG PUP JTS. BEGIN WORKING STUCK PIPE. WORK PIPE FOR +/- 1HR AND TBG CAME FREE. L/D PUP JTS THAT WERE P/U TO WORK STUCK PIPE.
	12:30 - 17:00	4.50	ABANDP	31	I	P		MIRU SCANNERS. POOH WHILE SCANNING 186JTS 2-3/8" J-55 TBNG. L/D ALL TBNG FOR BETTER INSPECTION. O.D. OF TBG VERY SCALY (HAVING TO CLEAN SLIPS AFTER EVERY 12-15JTS). SWIFN. LOCK RAMS. SDFN.  NOTE: SPOKE W/ STONEY ANDERTON W/ BLM AND HE SAID TO PROCEED W/ P&A. STANEY WAS NOT ON LOCATION.
11/29/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 8:30	1.25	ABANDP	31	I	P		SICP= 400#. SITP= 200#. BLOW DOWN WELL TO FLOWBACK TANK. CNTRL TBNG W/ 20BBLS TMAC. CONT POOH WHILE SCANNING TBNG. L/D ALL TBNG FOR BETTER INSPECTION. SCANNED 226JTS 2-3/8" J-55 TOTAL. SCAN RESULTS AS FOLLOWS:  Y-BND- 41JTS R-BND= 185JTS. VERY HEAVY O.D. SCALE ON THE ENTIRE TBNG STRING.
	8:30 - 16:30	8.00	ABANDP	31	I	P		P/U & RIH W/ 3-7/8" MILL, BIT SUB + 238JTS 2-3/8" J-55 TBNG. WORK THRU SCALE FROM 6235' - 6290' AND FROM 7167' - 7190'. DID NOT RIG UP POWER SWIVEL. PUMP TOTAL OF 30BBLS TMAC DOWN CSNG WHILE WORKING THRU SCALE. C/O TO DEPTH OF 7537' (DEEP ENOUGH TO GET PLUG SET). L/D 72JTS 2-3/8" J-55 EXCESS TBNG NOT NEEDED FOR P&A. CONT POOH WHILE STD BACK 166JTS. L/D BIT SUB & MILL. DRAIN EQUIP. SWIFN. LOCK RAMS. SDFN.  NOTE: STONEY ANDERTON W/ BLM ON LOCATION FOR +/- 1HR TO WITNESS P&A.
11/30/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 8:30	1.25	ABANDP	34	I	P		SICP= 300#. BLOW DOWN WELL TO FLOWBACK TANK. CNTRL CSG W/ 20BBLS TMAC. MIRU WIRELINE. P/U & RIH W/ 4-1/2" WF CIBP. SET CIBP @ 7476'. POOH & L/D SETTING TOOL.

US ROCKIES REGION  
Operation Summary Report

Well: NBU 572-17E

Spud date: 6/8/2008

Project: UTAH-UINTAH

Site: NBU 572-17E

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 11/28/2016

End date: 12/1/2016

Active datum: RKB @5,199.00usft (above Mean Sea Level)

UWI: NBU 572-17E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:30 - 11:30	3.00	ABANDP	34	D	P		P/U & RIH W/ DUMP BAILER. SPOT 8SX 15.8# G CMT ON CIBP @ 7476'. MAKE 4 DUMP BAILER RUNS @ 2SX EACH. POOH. RDMO WIRELINE.
	11:30 - 12:30	1.00	ABANDP	31	G	P		P/U & TIH W/ 4-1/2" WF CIBP + 166JTS 2-3/8" J-55 TBNG. SET CIBP @ 5272'. PUH 10'.
	12:30 - 13:00	0.50	ABANDP	31	H	P		MIRU CMT CREW. BREAK CONV CIRC W/ TMAC. CIRC WELLBORE CLEAN & GAS FREE W/ 82BBLS TMAC.
	13:00 - 13:10	0.17	ABANDP	52	F	P		PRESSURE TEST 4-1/2" PRODUCTION CSNG & 4-1/2" CIBP GOOD @ 500#. LOST 0# IN 5MIN. BLEED OFF PRESSURE.
	13:10 - 17:00	3.83	ABANDP	51	D	P		BEGIN PUMPING CMT PLUGS. ALL CMT PUMPED @ 15.8# AND IS G CMT. PUMP CMT PLUGS AS POOH W/ TBNG AS FOLLOWS:  CIBP @ 5272'. PUMP 2.6BBLS FRESH WATER. PUMP 10SX CMT. DISPLACE W/ 1BBL FRESH WATER & 18.8BBLS TMAC. PUH TBNG.  EOT @ 4470'. FILL HOLE W/ TMAC. PUMP 2.6BBLS FRESH WATER. PUMP 17SX CMT. DISPLACE W/ 1BBL FRESH WATER & 15.3BBLS TMAC. PUH TBNG.  EOT @ 3705'. FILL HOLE W/ TMAC. PUMP 2.6BBLS FRESH WATER. PUMP 17SX CMT. DISPLACE W/ 1BBL FRESH WATER & 12.3BBLS TMAC. PUH TBNG.  EOT @ 2885'. FILL HOLE W/ TMAC. PUMP 2.6BBLS FRESH WATER. PUMP 40SX CMT. DISPLACE W/ 1BBL FRESH WATER & 7.9BBLS TMAC. PUH TBNG.  EOT @ 1348'. FILL HOLE W/ TMAC. PUMP 2.6BBLS FRESH WATER. PUMP 16SX CMT. DISPLACE W/ 1BBL FRESH WATER & 3.3BBLS TMAC. POOH WHILE L/D ALL TBNG.  R/D FLOOR & TBNG EQUIP. SWIFN. DRAIN EQUIP. SDFN.  NOTE: P&A WITNESSED BY STONEY ANDERTON W/ BLM. STONEY APPROVED OF ALL ACTIONS.
12/1/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 8:00	0.75	ABANDP	30	C	P		0# ON WELL. RDMO WORKOVER RIG. NDBOP.

US ROCKIES REGION  
**Operation Summary Report**

Well: NBU 572-17E		Spud date: 6/8/2008	
Project: UTAH-UINTAH		Site: NBU 572-17E	Rig name no.: MILES-GRAY 1/1
Event: ABANDONMENT		Start date: 11/28/2016	End date: 12/1/2016
Active datum: RKB @5,199.00usft (above Mean Sea Level)		UWI: NBU 572-17E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:00 - 9:30	1.50	ABANDP	51	D	P		<p>MIRU ROUSTABOUT CREW. EXPOSE WELLHEAD. CUT &amp; LOWER WELLHEAD. FLUID @ 150' INSIED OF 4-1/2" PRODUCTION CSNG. FLUID @ 100' IN 9-5/8" X 4-1/2" ANNULUS. MIX &amp; PUMP 40SX 15.8# G CMT DOWN BOTH STRINGS OF CSNG UNTIL FULL @ SURFACE. CMT STAYED FULL. INSTALL MARKER PLATE. BACKFILL. P&amp;A COMPLETE.</p> <p>WELLHEAD COORDINATES:</p> <p>LAT:39.945515 LONG: -109.568958</p> <p>NOTE: P&amp;A WITNESSED BY STONEY ANDERTON W/ BLM. STONEY APPROVED OF ALL ACTIONS.</p>