

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

January 22, 2005

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

RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 546-1E
NW/SW, SEC. 1, T10S, R22E
UINTAH COUNTY, UTAH
LEASE NO.: U-010953
FEDERAL LANDS

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

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

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

Sincerely,



Ed Trotter
Agent
EOG Resources, Inc.

RECEIVED
FEB 04 2005
DIV. OF OIL, GAS & MINING

Attachments

001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.
U-010953

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
NATURAL BUTTES UNIT 546-1E

2. Name of Operator
EOG RESOURCES, INC.

9. API Well No.
43-047-36280

3a. Address **P.O. BOX 1815
VERNAL, UT 84078**
3b. Phone No. (Include area code)
(435)789-0790

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **2036' FSL, 699' FWL** *637088X 39.976317*
At proposed prod. Zone *4426153Y NW/SW -109.394630*

11. Sec., T., R., M., or Blk. and Survey or Area
**SEC. 1, T10S, R22E,
S.L.B.&M.**

14. Distance in miles and direction from nearest town or post office*
24.68 MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish **UINTAH**
13. State **UTAH**

15. Distance from proposed* location to nearest property or lease line, ft. **699'**
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease
160

17. Spacing Unit dedicated to this well
6'

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C

19. Proposed Depth
7046'

20. BLM/BIA Bond No. on file
NM-2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5106.5 FEET GRADED GROUND

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
45 DAYS

24. Attachments

Attachments

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

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

25. Signature *Ed Trotter* Name (Printed/Typed) **Ed Trotter** Date **January 22, 2005**

RECEIVED

FEB 04 2005

DIV. OF OIL, GAS & MINING
Date **02-07-05**

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) **BRADLEY G. HILL**
Title **ENVIRONMENTAL SCIENTIST III**

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 reverse)

**Without Approval of BLM
Action is Necessary**

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

R
22
E

EOG RESOURCES, INC.

Well location, NBU #546-1E, located as shown in the NW 1/4 SW 1/4 of Section 1, T10S, R22E, S.L.B.&M. Uintah County, Utah.

T9S
T10S

WEST - 5280.00' (G.L.O.)

N00°16'W - 2679.60' (G.L.O.)

N00°01'55"W - 2623.25' (Meas.)

1991 Alum. Cap, 0.4' High, Pile of Stones, Steel Post
S89°55'57"W - 2640.76' (Meas.)

LEGEND:

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

(NAD 83)
 LATITUDE = 39°58'34.61" (39.976281)
 LONGITUDE = 109°23'42.64" (109.395178)
 (NAD 27)
 LATITUDE = 39°58'34.73" (39.976314)
 LONGITUDE = 109°23'40.19" (109.394497)

LOT 4 LOT 3 LOT 2 LOT 1

NBU #546-1E
 Elev. Ungraded Ground = 5108'

1991 Alum. Cap,
 0.5' High, Pile of
 Stones, Steel Post

1991 Alum. Cap,
 0.3' High, Pile of
 Stones, Steel Post

N89°39'W - 2640.66' (G.L.O.)

N00°22'W - 2667.72' (G.L.O.)

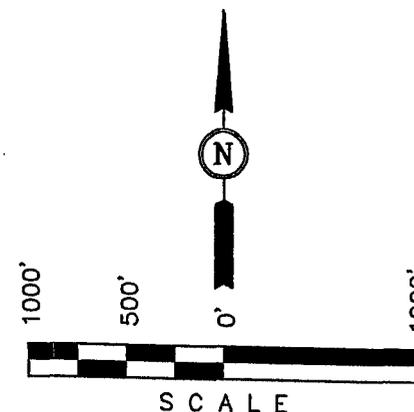
N00°13'E - 2645.28' (G.L.O.)

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

191319
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 16131
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 10-20-04	DATE DRAWN: 10-29-04
PARTY J.F. A.F. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

EIGHT POINT PLAN

NATURAL BUTTES 546-1E
NW/SW, SEC. 1, T10S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

<u>FORMATION</u>	<u>DEPTH (KB)</u>
Green River	1,943'
Wasatch	4,214'
North Horn	6,245'
Island	6,642'
KMV Price River	6,742'

EST. TD: 7046'

Anticipated BHP 3100 PSI

3. PRESSURE CONTROL EQUIPMENT: 3,000 PSI - BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</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>
12 1/4"	0' - 500' +/-KB	500' +/-	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	500' - TD +/-KB	7046' +/-	4 1/2"	11.6 #	J-55	LTC	4960 PSI	5350 PSI	162,000#

All casing will be new or inspected.

5. Float Equipment:

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

Guide Shoe

Insert Baffle

Wooden wiper plug

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

Production Hole Procedure (500'-TD):

Texas-Pattern shoe, short casing shoe joint ($\pm 20'$), Float Collar, and balance of casing to surface. Run short casing joint ($< 38'$) at $\pm 3,200'$ (1,000' above projected top of Wasatch). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to $\pm 3,800'$ (400' above Wasatch top - ± 15 total). Thread lock shoe, top and bottom of FC, and top of 2nd joint.

6. MUD PROGRAM:

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

500' - 1,700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

EIGHT POINT PLAN

NATURAL BUTTES 546-1E
NW/SW, SEC. 1, T10S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

MUD PROGRAM (Continued):

Production Hole Procedure (500'-TD):

1,700' – 4,900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.

4,900' – TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: Cased Hole Logs – RST

TD to Surface

EIGHT POINT PLAN

NATURAL BUTTES 546-1E
NW/SW, SEC. 1, T10S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' Below GL)

Lead: 200 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15. ft³./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg., 1.15. ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Production Hole Procedure (500' to TD)

Lead: 100 sks: Class 'G' lead cement with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 250 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 cu. ft./sk., 5.0 gps water. 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 ft³/sk., 5.0 gps water.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (500'-TD)

Potential Problems: Lost circulation, asphaltic, black oil flows, large Trona water flows and gas flows may be encountered in the Green River, beginning at ± 1,900'. Other wells in the general area of the **NBU 546-01E** (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing.

11. STANDARD REQUIRED EQUIPMENT:

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

12. HAZARDOUS CHEMICALS:

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

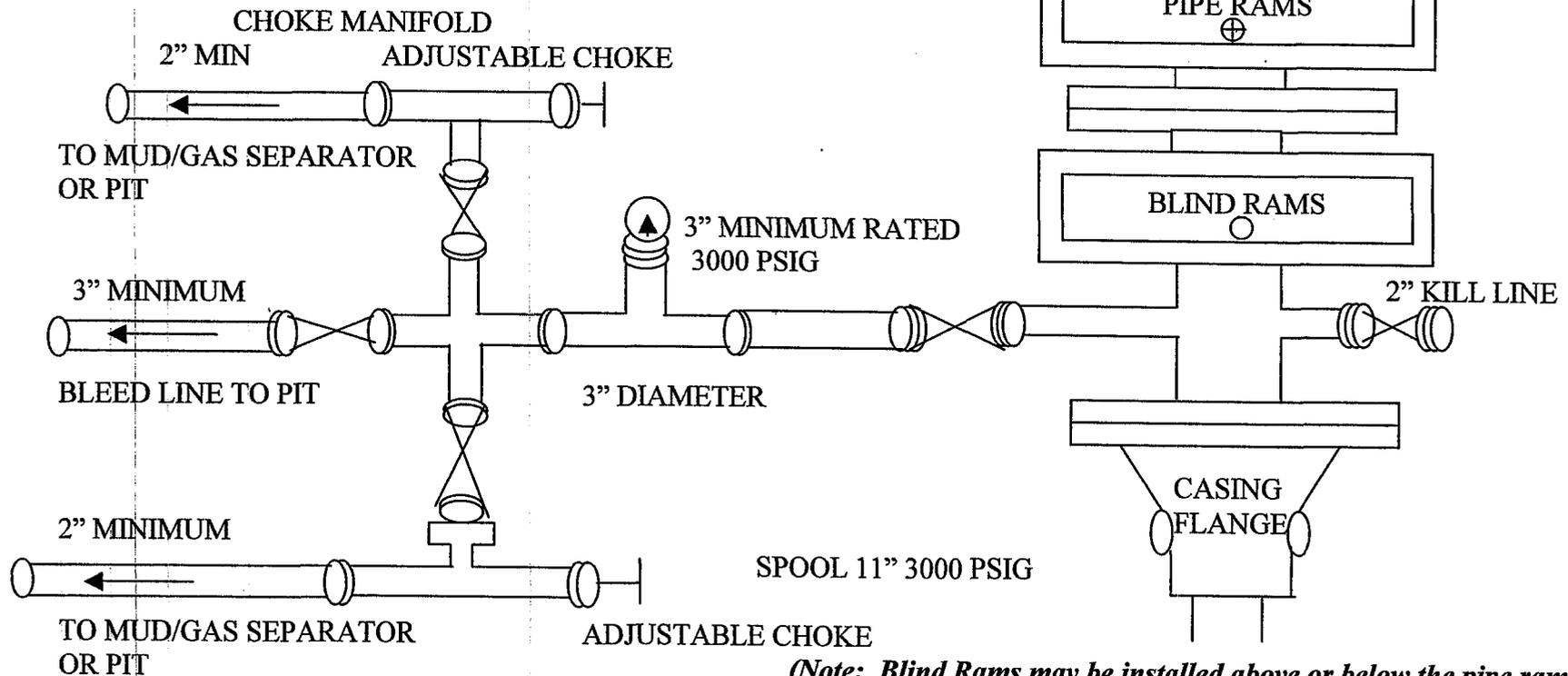
(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

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

TESTING PROCEDURE:

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



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

Company/Operator: EOG Resources, Inc.
Well Name & Number: Natural Buttes Unit 546-1E
Lease Number: U-010953
Location: 2036' FSL & 699' FWL, NW/SW, Sec. 1,
T10S, R22E, S.L.B.&M., Uintah County, Utah
Surface Ownership: Federal

NOTIFICATION REQUIREMENTS

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

Location Completion - prior to moving on the drilling rig.

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

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

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

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

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

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 24.68 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 440 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

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

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

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. 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 them avoided.

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

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

- A. Abandoned wells - 3*
- B. Producing wells - 18*
- C. Shut in wells - 2*

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

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

A. **ON WELL PAD**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 492' from proposed location to a point in the NW/SW of Section 1, T10S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands within the Natural Buttes Unit, thus a Right-of -Way grant will not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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

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

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. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & 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). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

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

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

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 a plastic liner. A felt liner will also be installed if rock is encountered during pit construction.

8. **ANCILLARY FACILITIES**

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

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:
 - Shad Scale – 3 pounds per acre
 - Indian Rice Grass – 3 pounds per acre
 - Hi-Crest Crested Wheatgrass – 1 pound per acre

The reserve pit will be located on the Northwest corner of the location.

The flare pit will be located downwind of the prevailing wind direction on the North 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 East of Corner B. The stockpiled location topsoil will be stored East of Corner #6, as well as between Corner #2 and the access road. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the West.

Corners #2, #6, & #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

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

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

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

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 to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted 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 RESTORATION OF SURFACE

A. PRODUCING LOCATION

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

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

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

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 appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal

Location: Federal

12. OTHER INFORMATION

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

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

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

- B. 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, or the appropriate County Extension Office. On 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. 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.)

Additional Surface Stipulations

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

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

DRILLING OPERATIONS

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

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

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

Please be advised that EOG Resources, Inc. is considered to be the operator of the **Natural Buttes 546-1E Well, located in the NW/SW of Section 1, T10S, R22E, Uintah County, Utah; Lease #U-010953;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

1-22-2005
Date


Agent

EOG RESOURCES, INC.
NBU #546-1E
SECTION 1, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 400' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.7 MILES.

EOG RESOURCES, INC.

NBU #546-1E

LOCATED IN UINTAH COUNTY, UTAH

SECTION 1, T10S, R22E, S.L.B.&M.



PHOTO: VIEW FROM LOCATION STAKE TO CORNER #1

CAMERA ANGLE: SOUTHERLY

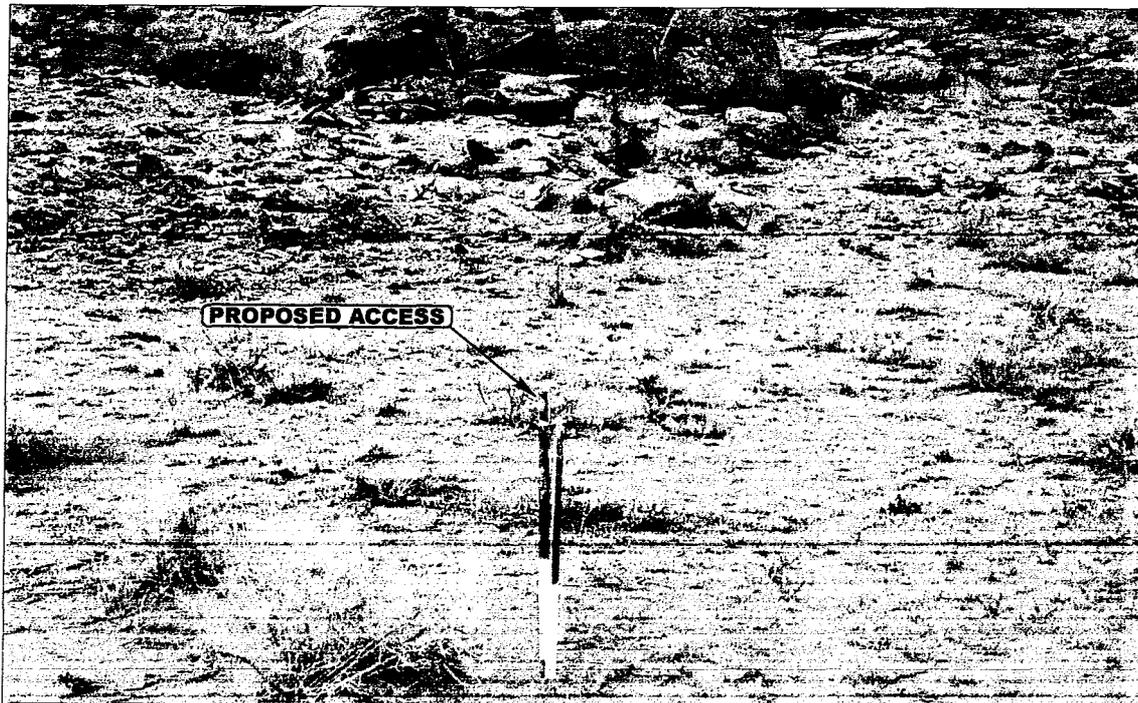


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

10 22 04
MONTH DAY YEAR

PHOTO

TAKEN BY: J.F.

DRAWN BY: C.P.

REVISED: 00-00-00

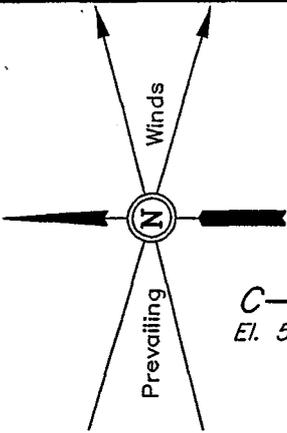
EOG RESOURCES, INC.

LOCATION LAYOUT FOR

NBU #546-1E

SECTION 1, T10S, R22E, S.L.B.&M.

Topsail Stockpile 2036' FSL 699' FWL



C-19.6'
El. 5126.1'

F-19.4'
El. 5087.1'

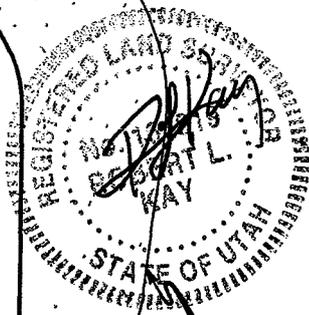
Sta. 3+25

SCALE: 1" = 50'
DATE: 10-28-04
Drawn By: K.G.

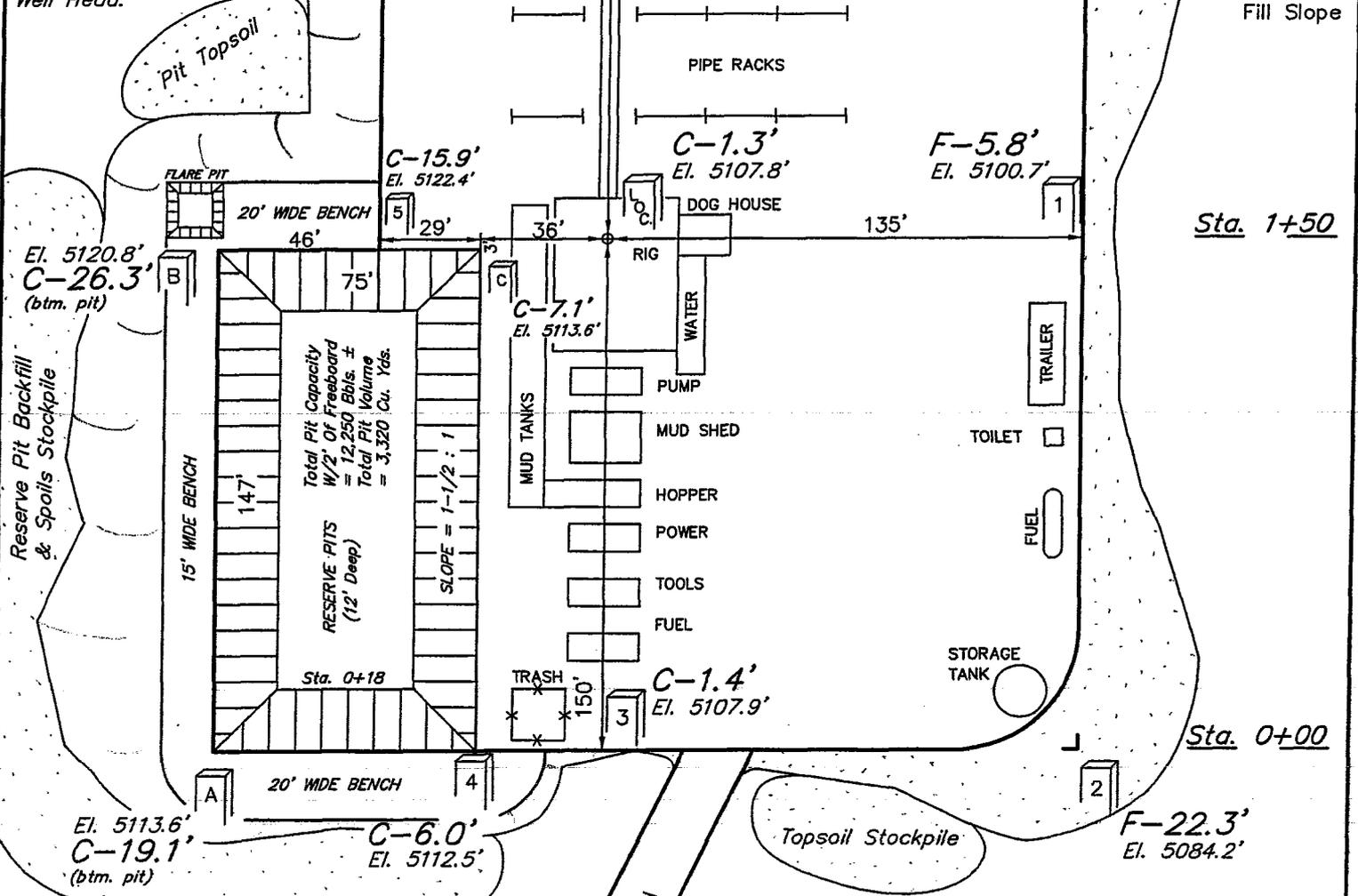
Approx.
Top of
Cut Slope

NOTE:

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



Approx.
Toe of
Fill Slope



Reserve Pit Backfill
& Spoils Stockpile

Pit Topsoil

FLARE PIT

20' WIDE BENCH

15' WIDE BENCH

Total Pit Capacity
W/2' Of Freeboard
= 12,250 Ebls. ±
Total Pit Volume
= 3,320 Cu. Yds.
RESERVE PITS
(12' Deep)
SLOPE = 1-1/2 : 1

Sta. 0+18

20' WIDE BENCH

Topsail Stockpile

Proposed Access
Road

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5107.8'

FINISHED GRADE ELEV. AT LOC. STAKE = 5106.5'

FIGURE #1

EOG RESOURCES, INC.

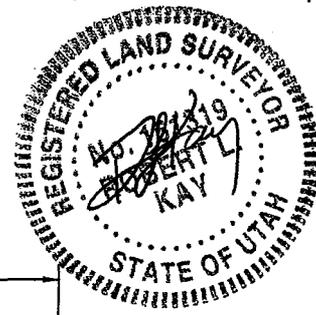
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #546-1E

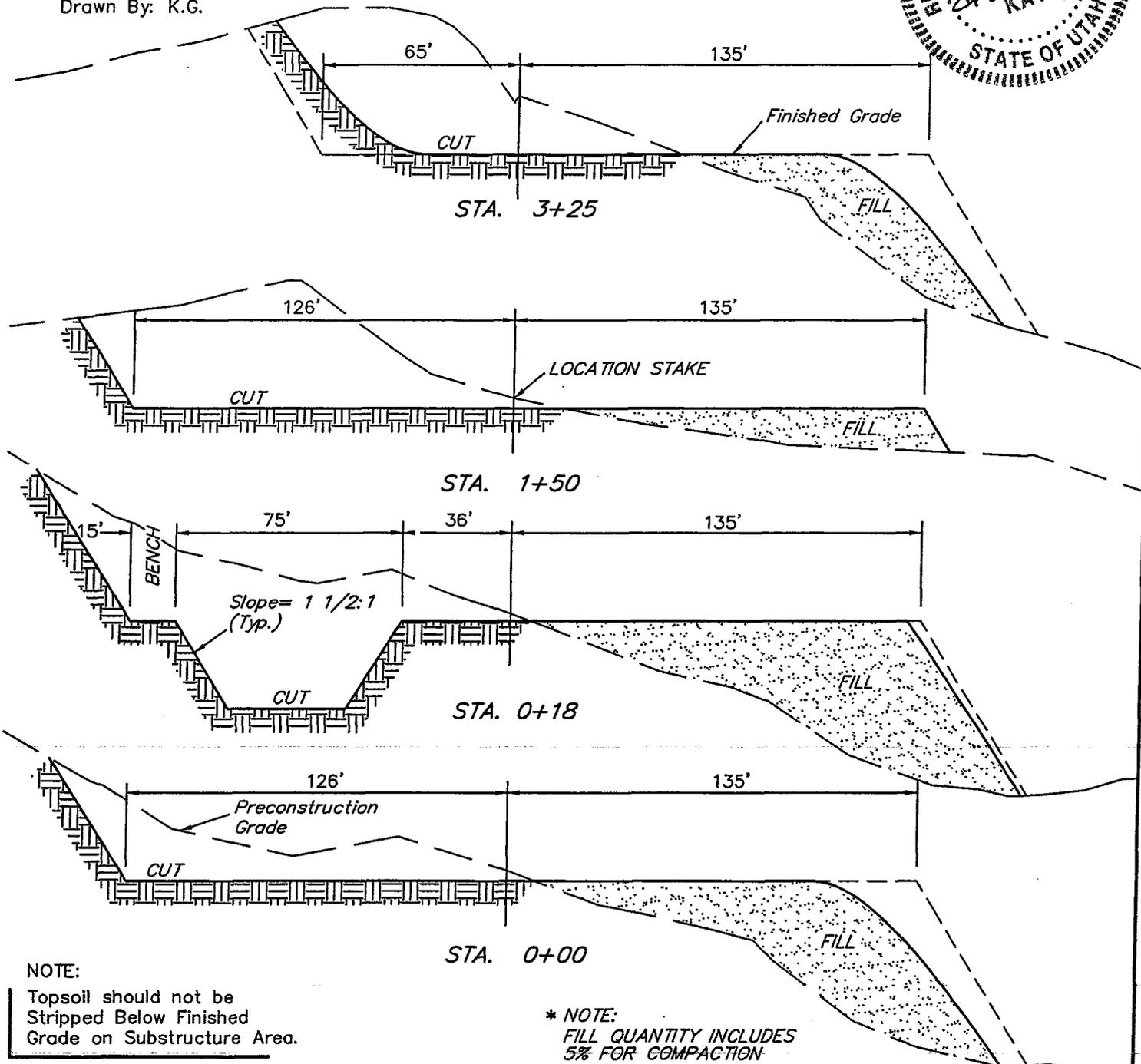
SECTION 1, T10S, R22E, S.L.B.&M.

2036' FSL 699' FWL



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

DATE: 10-28-04
Drawn By: K.G.



NOTE:

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

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,970 Cu. Yds.

Remaining Location = 16,660 Cu. Yds.

TOTAL CUT = 18,630 CU.YDS.

FILL = 15,000 CU.YDS.

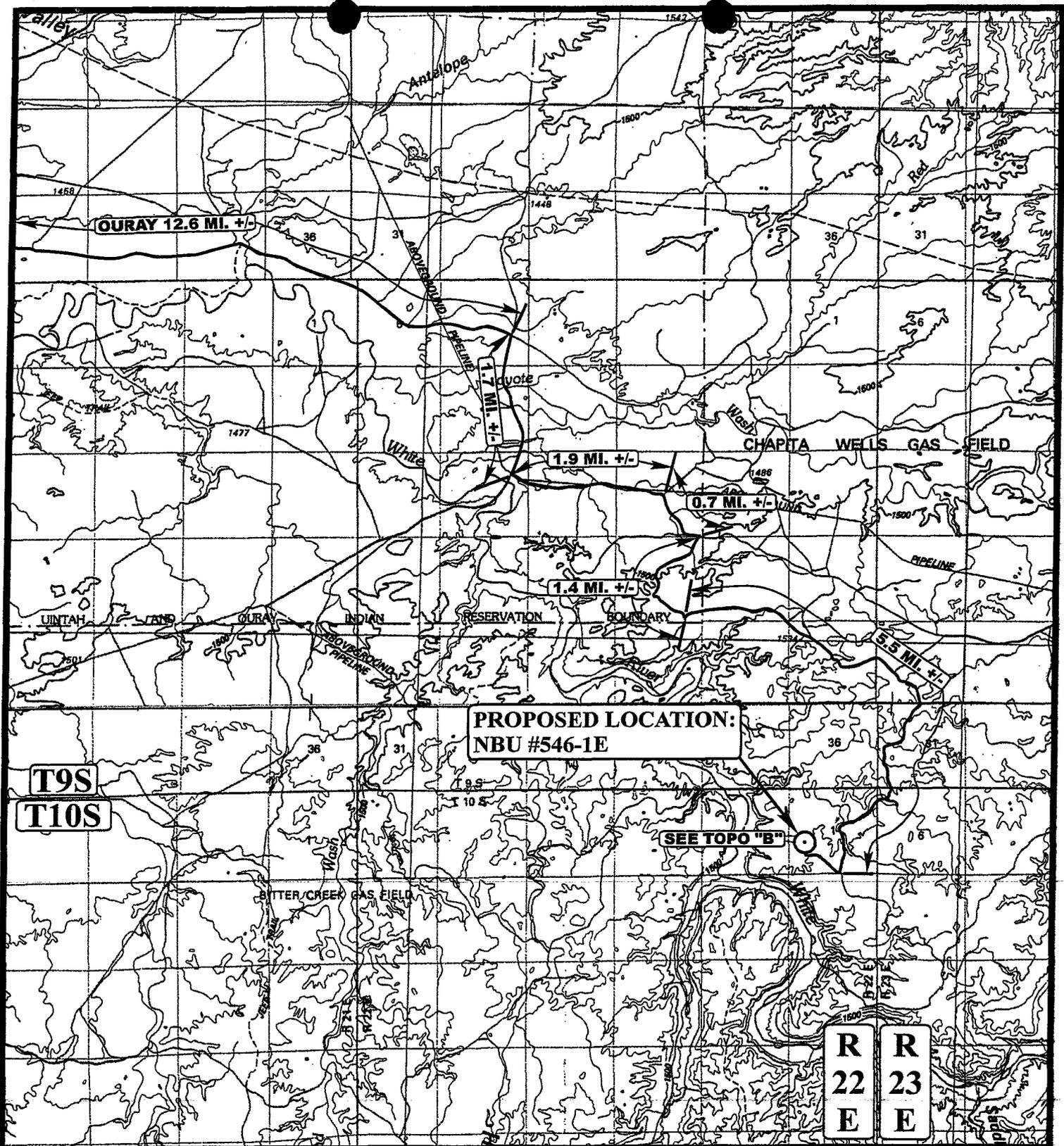
EXCESS MATERIAL = 3,630 Cu. Yds.

Topsoil & Pit Backfill = 3,630 Cu. Yds.
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION



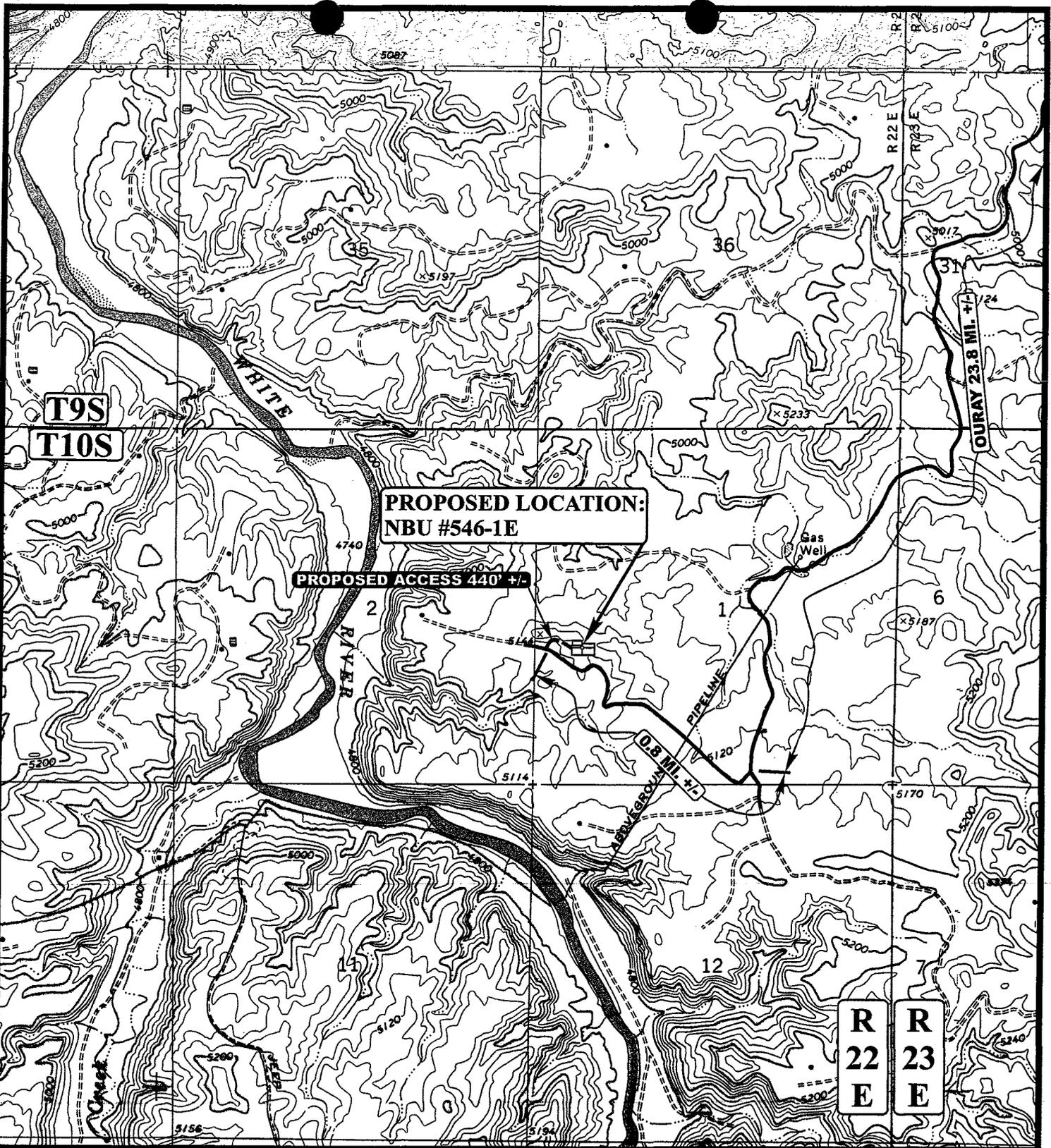
EOG RESOURCES, INC.

NBU #546-1E
SECTION 1, T10S, R22E, S.L.B.&M.
2036' FSL 699' FWL

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

TOPOGRAPHIC 10 22 04
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.

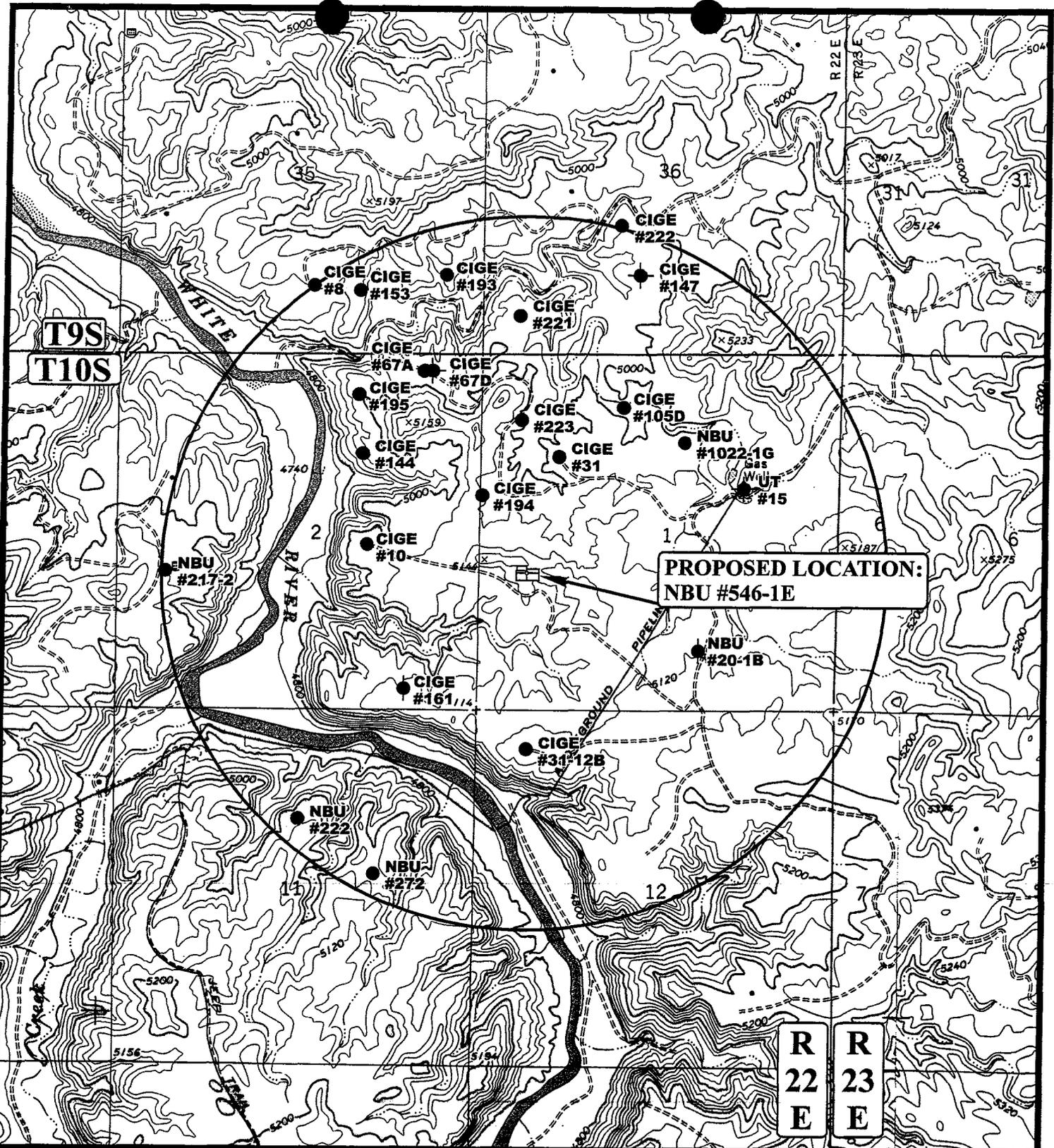
NBU #546-1E
 SECTION 1, T10S, R22E, S.L.B.&M.
 2036' FSL 699' FWL



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

TOPOGRAPHIC 10 22 04
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





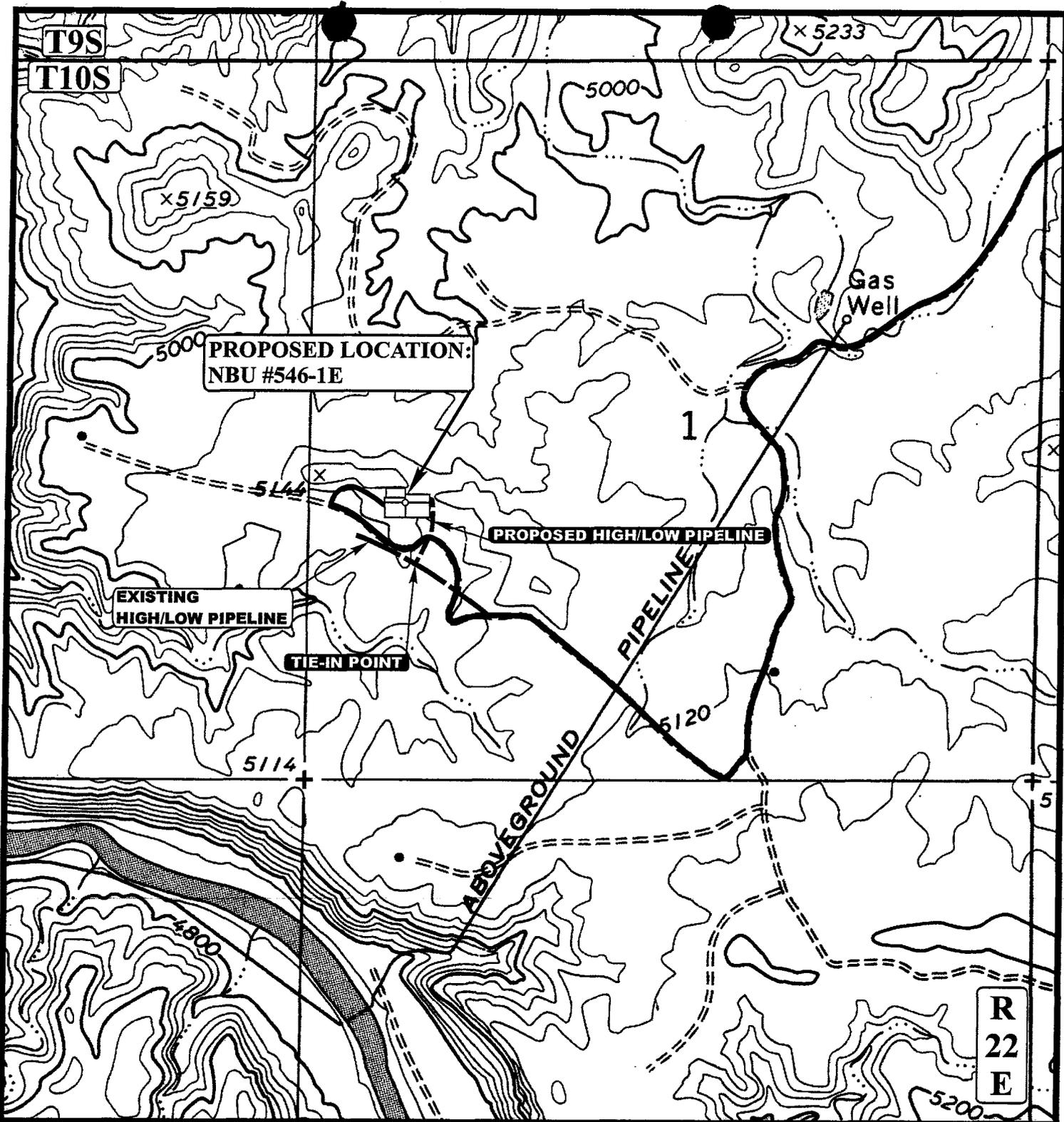
- LEGEND:**
- DISPOSAL WELLS
 - PRODUCING WELLS
 - SHUT IN WELLS
 - WATER WELLS
 - ABANDONED WELLS
 - TEMPORARILY ABANDONED

EOG RESOURCES, INC.
 NBU #546-1E
 SECTION 1, T10S, R22E, S.L.B.&M.
 2036' FSL 699' FWL

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

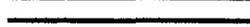
TOPOGRAPHIC MAP
 10 22 04
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 492' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

EOG RESOURCES, INC.

NBU #546-1E
SECTION 1, T10S, R22E, S.L.B.&M.
2036' FSL 699' FWL



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

TOPOGRAPHIC 10 | 22 | 04
MAP MONTH | DAY | YEAR

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

D
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/04/2005

API NO. ASSIGNED: 43-047-36280

WELL NAME: NBU 546-1E
OPERATOR: EOG RESOURCES INC (N9550)
CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NWSW 01 100S 220E
SURFACE: 2036 FSL 0699 FWL
BOTTOM: 2036 FSL 0699 FWL
UINTAH
NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-010953
SURFACE OWNER: 1 - Federal
PROPOSED FORMATION: PRRV
COALBED METHANE WELL? NO

LATITUDE: 39.97632
LONGITUDE: -109.3946

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)

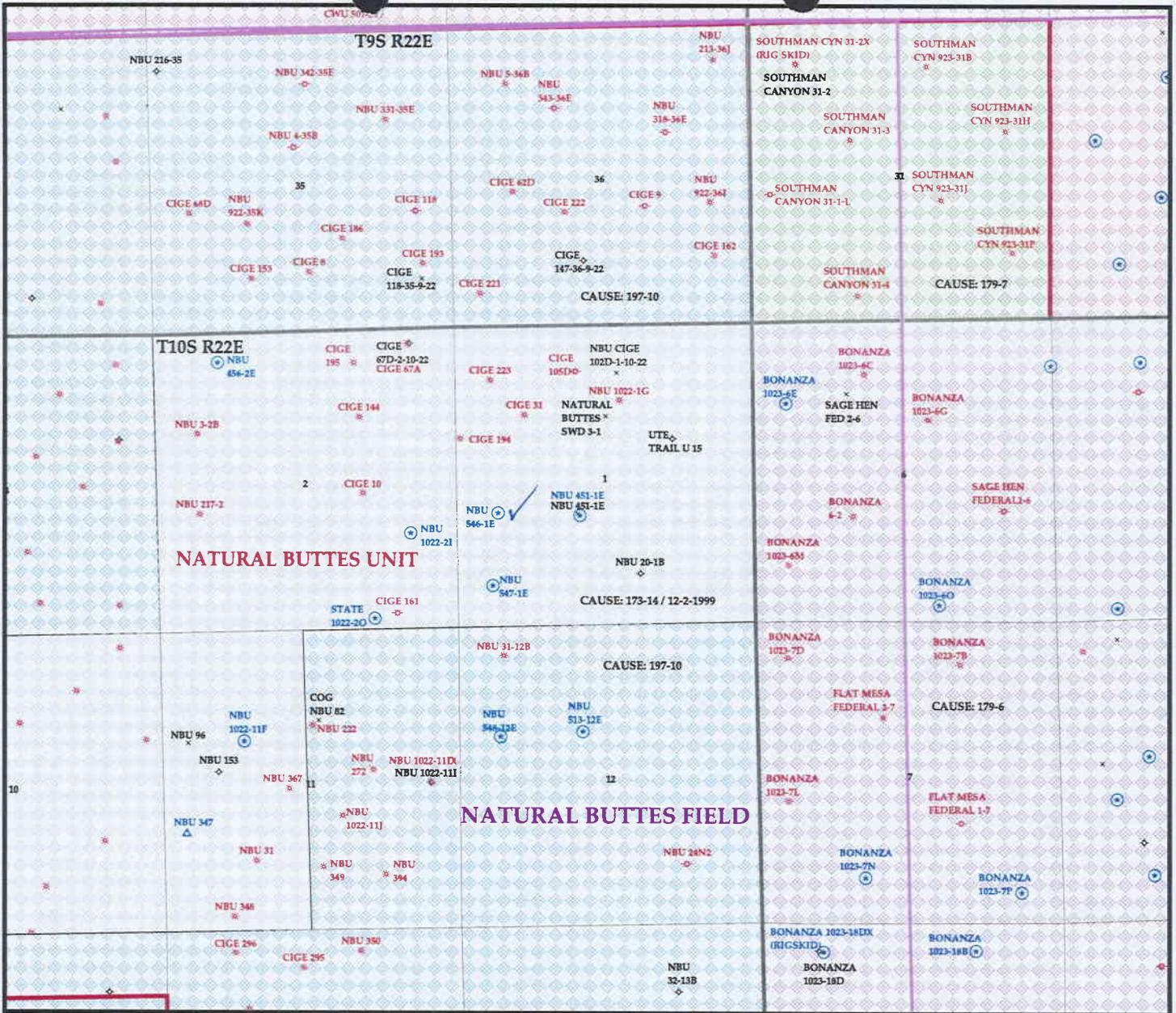
LOCATION AND SITING:

- R649-2-3.
- Unit NATURAL BUTTES *rk*
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' fr u bdrg & uncomm tract
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1 - Federal Approval
2 - OIL SHALE



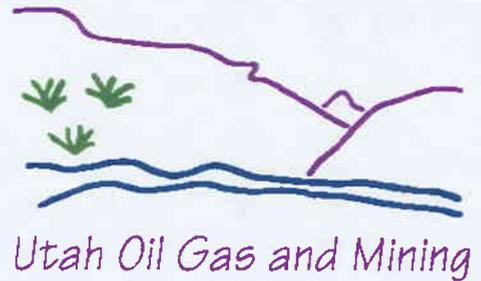
OPERATOR: EOG RESOURCES INC (N9550)

SEC. 1 T.10S R.22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999



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



PREPARED BY: DIANA WHITNEY
DATE: 7-FEBRUARY-2005

**State of Utah****Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 7, 2005

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

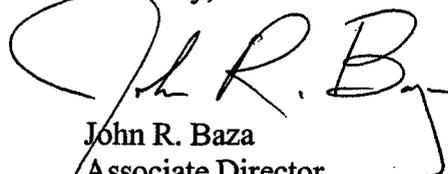
Re: Natural Buttes Unit 546-1E Well, 2036' FSL, 699' FWL, NW SW, Sec. 1,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36280.

Sincerely,



John R. Baza
Associate Director

pab
Enclosures

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

Operator: EOG Resources, Inc.
Well Name & Number Natural Buttes Unit 546-1E
API Number: 43-047-36280
Lease: U-010953

Location: NW SW **Sec.** 1 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 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 Dan Jarvis at (801) 538-5338

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. 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.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
U-010953

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
NATURAL BUTTES UNIT 546-1E

1a. Type of Work: DRILL REENTER **FEB - 3 2005**

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

2. Name of Operator
EOG RESOURCES, INC.

3a. Address **P.O. BOX 1815
VERNAL, UT 84078**

3b. Phone No. (Include area code)
(435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface **2036' FSL, 699' FWL** **NW/SW**

At proposed prod. Zone

9. API Well No.
43-047-36280

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area
**SEC. 1, T10S, R22E,
S.L.B.&M.**

14. Distance in miles and direction from nearest town or post office*
24.68 MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish
UINTAH

13. State
UTAH

15. Distance from proposed* location to nearest property or lease line, ft. **699'**
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease
160

17. Spacing Unit dedicated to this well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C

19. Proposed Depth
7046'

20. BLM/BIA Bond No. on file
NM-2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5106.5 FEET GRADED GROUND

22. Approximate date work will start*
UPON APPROVAL

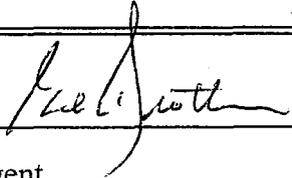
23. Estimated duration
45 DAYS

24. Attachments

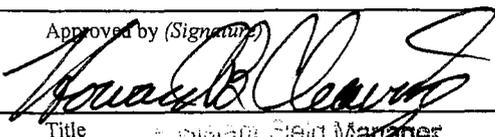
Attachments

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

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

25. Signature  Name (Printed/Typed) **Ed Trotter** Date **January 22, 2005**

Title **Agent**

Approved by (Signature)  Name (Printed/Typed) _____ Date **09/23/2005**

Title **Assistant Field Manager
General Resources** 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 or to furnish any information within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL **CONDITIONS OF APPROVAL ATTACHED** **RECEIVED** **OCT 05 2005**

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources, Inc.

Well Name & Number: NBU 546-1E

Lease Number: U-010953

API Number: 43-047-36280

Location: NWSW Sec. 1 T.10S R. 22E

Agreement: Natural Buttes Unit

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a

3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to.

The variances requested in section 6 of the 8 point drilling plan are granted with the following conditions:

If a mist system is being utilized then the requirement for a deduster shall be waived.

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

The production casing must be cemented a minimum of 200' above the top of the Mahogany Oil Shale which has been identified at $\pm 1907'$.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

If Gilsonite is encountered while drilling, the BLM must be notified and steps must be taken to isolate and/or protect it via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the 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 logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be

generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 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 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and

gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO 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 will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Michael Lee (435) 828-7875
Petroleum Engineer

Matt Baker (435) 828-4470
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

Company/Operator: EOG Resources Inc.

API Number: 43-047-36280

Well Name & Number: NBU 546-1E

Lease number: UTU-010953

Location: NWSW Sec. 1 T.10S. R. 22E.

Surface Ownership: BLM

Date NOS Received: 1/11/05

Date APD Received: 2/3/05

1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:

9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrata

2. As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation).

3. Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-010953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NATURAL BUTTES UNIT 546-1E

9. API NUMBER:
4304736280

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
EOG RESOURCES, INC.

3. ADDRESS OF OPERATOR: PHONE NUMBER:
P.O. BOX 1910 CITY **VERNAL** STATE **UT** ZIP **84078** **(435) 789-4120**

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **2036' FSL, 699' FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 1 10S 22E S**

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>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. requests that the APD for the subject well be extended for one year.

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 01-31-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 2-2-06
Initials: CHD

NAME (PLEASE PRINT) Ed Trotter TITLE Agent
SIGNATURE [Signature] DATE 1/28/2006

(This space for State use only)

RECEIVED
JAN 31 2006



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

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

API: 4304736280
Well Name: NATURAL BUTTES UNIT 546-1E
Location: 2036' FSL, 699' FWL, NWSW, SEC. 1, T10S, R22E
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 2/7/2005

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

1/28/2006

 Date

Title: Agent

Representing: EOG RESOURCES, INC.

**RECEIVED
JAN 31 2006**

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 28 2006

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

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-010953
2. Name of Operator EOG RESOURCES, INC.		6. If Indian, Allottee or Tribe Name
3a. Address 1060 East Highway 40, Vernal, UT 84078	3b. Phone No. (include area code) 435-781-9111	7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2036 FSL 699 FWL (NWSW) S.L.B.&M SECTION 1, T10S, R22E 39.976281 LAT 109.395178 LON		8. Well Name and No. NATURAL BUTTES UNIT 546-1E
		9. API Well No. 43-047-36280
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH COUNTY, UT

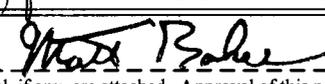
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 APD RENEWAL
	<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.)

EOG Resources, Inc. respectfully requests the referenced APD originally approved 9/23/2005 be extended for one year.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kaylene R. Gardner		RECEIVED	
Signature 		Title Regulatory Assistant	SEP 28 2006
		Date 08/24/2006	DIV. OF OIL, GAS & MINING
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by  Petroleum Engineer		Date SEP 21 2006	
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.

(Instructions on page 2)



CONDITIONS OF APPROVAL

EOG Resources, LLC

Notice of Intent APD Extension

Lease: UTU-010953
Well: NBU 546-1E
Location: NWSW Sec 1-T10S-R22E

An extension for the referenced APD is approved with the following conditions:

1. The extension and APD shall expire on 9/23/07
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: U-010953
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
2. NAME OF OPERATOR: EOG RESOURCES, INC.		8. WELL NAME and NUMBER: NATURAL BUTTES UNIT 546-1E
3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 43-047-36280
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2036 FSL 699 FWL 39.976281 LAT 109.395178 LON		10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 1 10S 22E S.L.B. & M		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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: 02-01-07
By: [Signature]

DATE SENT TO OPERATOR:
BY: 2-2-07
Rm

NAME (PLEASE PRINT) <u>Kaylene R. Gardner</u>	TITLE <u>Sr. Regulatory Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>1/29/2007</u>

(This space for State use only)

RECEIVED

FEB 01 2007

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: 43-047-36280
Well Name: Natural Buttes Unit 546-1E
Location: 2036 FSL 699 FWL (NWSW), SECTION 1, T10S, R22E S.L.B.&M
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 2/7/2005

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

1/29/2007

Date

Title: Sr. Regulatory Assistant

Representing: EOG Resources, Inc.

RECEIVED

FEB 01 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **EOG Resources, Inc.**

3a. Address **600 17th Street, Suite 1000N, Denver, CO 80202**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2036' FSL & 699' FWL (NWSW)
 Sec. 1-T10S-R22E 39.976281 LAT 109.395178 LON**

5. Lease Serial No.
U-010953

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Natural Buttes Unit 546-01E

9. API Well No.
43-047-36280

10. Field and Pool, or Exploratory Area
Natural Buttes/Wasatch/Mesaverde

11. County or Parish, State
Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 type="checkbox"/> Other _____
	<input checked="" 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 recomplate 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. requests permission to change the casing program on the referenced well as follows:

HOLE SIZE	INTERVAL	SIZE	WEIGHT	GRADE	CONN	COLLAPSE	BURST	RATINGS TENSION
12 1/4"	0' - 2300'	9 5/8"	36.0#	J-55	STC	2020 psi	3520 psi	394,000#
7-7/8"	Surface - TD	4 1/2"	11.6 #	N-80	LTC	6350 psi	7780 psi	233,000#

A revised drilling plan is attached.

6-12-07
RM

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

Name (Printed/Typed) **Mary A. Maestas** Title **Regulatory Assistant**

Signature *Mary A. Maestas* Date **05/16/2007**

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 reports, or to conceal, omit, or falsify a material fact in any matter within its jurisdiction.

(Instructions on page 2)

Accepted by the
Utah Division of Oil, Gas and Mining

Date: *6/11/07*
By: *[Signature]*

Federal Approval Of This Action Is Necessary

RECEIVED
MAY 18 2007
DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

NATURAL BUTTES UNIT 546-01E
NW/SW, SEC. 1, T10S, R22E, 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 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 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 2nd 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 BUTTES UNIT 546-01E
NW/SW, SEC. 1, T10S, R22E, 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: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/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: 110 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 ft³/sk., 24.5 gps water.

Tail: 581 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 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 546-01E
NW/SW, SEC. 1, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

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)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG Resources, Inc

Well Name: NBU 546-1E

API No: 43-047-36280 Lease Type: Federal

Section 01 Township 10S Range 22E County Uintah

Drilling Contractor Craig's Roustabout Service Rig # Bucket

SPUDDED:

Date 6-15-07

Time 10:00 AM

How Dry

Drilling will Commence: _____

Reported by Jerry Barnes

Telephone # 435-828-1720

Date 6-15-07 Signed RM

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38700	HOSS 33-30		SWNW	30	8S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16191	6/13/2007		6/21/07		
Comments: <u>PRRV=MURD</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-013-33485	BIG WASH 61-16GR		NENE	16	10S	16E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16192	6/14/2007		6/21/07		
Comments: <u>WSTC</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36280	NATURAL BUTTES UNIT 546-1E		NWSW	1	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>AB</u>	99999	<u>2900</u>	6/15/2007		6/21/07		
Comments: <u>PRRV=MURD=WSTC=MURD</u>							

ACTION CODES:

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

Carrie MacDonald

Name (Please Print)

Signature

Operations Clerk

Title

6/19/2007

Date

RECEIVED

JUN 21 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **EOG Resources, Inc.**

3a. Address
600 17th Street, Suite 1000N, Denver, CO 80202

3b. Phone No. (include area code)
303-262-2812

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

**2,036' FSL & 699' FWL (NWSW)
 Sec. 1-T10S-R22E 39.976281 LAT 109.395178 LON**

5. Lease Serial No.
U-010953

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Natural Buttes Unit 546-1E

9. API Well No.
43-047-36280

10. Field and Pool, or Exploratory Area
Natural Buttes/Wasatch/Mesaverde

11. County or Parish, State
Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other 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 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.)

The referenced well spud on 6/15/2007.

RECEIVED

JUN 21 2007

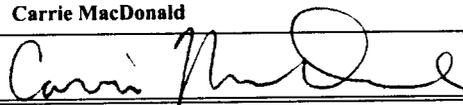
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed)

Carrie MacDonald

Title **Operations Clerk**

Signature



Date

06/19/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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.

Title

Date

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.

(Instructions on page 2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **EOG Resources, Inc.**

3a. Address
600 17th Street, Suite 1000N, Denver, CO 80202

3b. Phone No. (include area code)
303-262-2812

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2,036' FSL & 699' FWL (NWSW)
 Sec. 1-T10S-R22E 39.976281 LAT 109.395178 LON**

5. Lease Serial No.
U-010953

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Natural Buttes Unit 546-1E

9. API Well No.
43-047-36280

10. Field and Pool, or Exploratory Area
Natural Buttes/Wasatch/Mesaverde

11. County or Parish, State
Utah County, Utah

12. CHECK 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 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 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. requests authorization for disposal of produced water from the referenced well to any of the following locations.

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

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

RECEIVED
JUN 21 2007

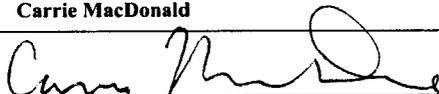
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed)

Carrie MacDonald

Title **Operations Clerk**

Signature



Date

06/19/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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.

Title

Date

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.

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.
UTU010953

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NATURAL BUTTES UNIT 546-01E

9. API Well No.
43-047-36280

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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 ST., SUITE 1000N
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 303-824-5526
Fx: 303-824-5527

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 1 T10S R22E NWSW 2036FSL 699FWL
39.97628 N Lat, 109.39518 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 recomplate 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 was turned to sales on 8/29/2007. 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 #56238 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 09/04/2007

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
SEP 06 2007
DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 09-04-2007

Well Name	NBU 546-01E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API #	43-047-36280	Well Class	1SA
County, State	UINTAH, UT	Spud Date	07-26-2007	Class Date	08-29-2007
Tax Credit	N	TVD / MD	7,046/ 7,046	Property #	055926
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	5,119/ 5,107				
Location	Section 1, T10S, R22E, NWSW, 2036 FSL & 699 FWL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	66.667	NRI %	48.062

AFE No 303204 **AFE Total** 1,273,500 **DHC / CWC** 583,600/ 689,900

Rig Contr ENSIGN **Rig Name** ENSIGN #81 **Start Date** 02-08-2005 **Release Date** 07-30-2007

02-08-2005 **Reported By**

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

Cum Costs: Drilling \$0 **Completion** \$0 **Well Total** \$0

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: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA:
			2036' FSL & 699' FWL (NW/SW)
			SECTION 1, T10S, R22E
			UINTAH COUNTY, UTAH
			LAT: 39.976281, LONG 109.395178 (NAD 83)
			LAT: 39.976314, LONG 109.394497 (NAD 27)
			RIG: ENSIGN #81
			OBJECTIVE: 7046' TD, WASATCH
			DW/GAS
			NATURAL BUTTES PROSPECT
			DD&A FIELD: NATURAL BUTTES
			NATURAL BUTTES FIELD
			LEASE: U-010953
			ELEVATION: 5107.8' NAT GL, 5106.5' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5107'), 5119' KB (12')
			EOG WI 66.666667%, NRI 48.061643%

05-15-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$38,000 **Completion** \$0 **Daily Total** \$38,000
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start **End** **Hrs** **Activity Description**
06:00 06:00 24.0 LOCATION STARTED.

05-16-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start **End** **Hrs** **Activity Description**
06:00 06:00 24.0 LOCATION 10% COMPLETE.

05-17-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **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 15% COMPLETE.

05-18-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
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 20% COMPLETE.

05-21-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
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 ROCKED OUT.

05-22-2007 **Reported By** TERRY CSERE

06:00 06:00 24.0 MIRU CRAIGS AIR RIG #2 ON 6/15/2007. DRILLED 12-1/4" HOLE TO 2390' GL. ENCOUNTERED WATER @ 1150' & 1430'. RAN 55 JTS (2336.50') OF 9-5/8", 36.0#/ FT, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2348' KB. RDMO AIR RIG.

MIRU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 170 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 225 SX (47 BBLs) OF PREMIUM CEMENT W/2% CaCl2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX.

DISPLACED CEMENT W/174 BBLs FRESH WATER. BUMPED PLUG W/700# @ 11:37 PM, 6/18/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: MIXED & PUMPED 200 SX (56.9 BBLs) OF THIX-O-TROPIC CEMENT W/2% CaCl2, 10% GYPSUM, 10 #/SX GILSONITE, 1/4#/ SX FLOCELE & 1 #/ SX GR-3. MIXED CEMENT @ 14.2 PPG W/YIELD OF 1.60 CF/SX. NO RETURNS. WOC 1 HR 10 MINUTES.

TOP JOB # 2: MIXED & PUMPED 100 SX (20.4 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 45 MINUTES.

TOP JOB # 3: MIXED & PUMPED 175 SX (35.8 BBLs) OF PREMIUM CEMENT W/2% CaCl2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 40 MINUTES.

TOP JOB # 4: MIXED & PUMPED 125 SX (25.6 BBLs) OF PREMIUM CEMENT W/2% CaCl2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & CIRCULATED APPROXIMATELY 3 BBLs CEMENT TO SURFACE. HOLE STOOD FULL WHEN PUMPING STOPPED. RDMO BIG 4 CEMENTERS.

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

RAN SURVEY @ 2210', 2 1/4 DEG. TAGGED AT 2226'.

LESTER FARNSWORTH NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 6/18/2007 @ 1:00 PM.

07-25-2007		Reported By		CARLOS ARRIETA							
Daily Costs: Drilling		\$20,528		Completion		\$0		Daily Total		\$20,528	
Cum Costs: Drilling		\$257,809		Completion		\$0		Well Total		\$257,809	
MD	2,348	TVD	2,348	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: RIGGING UP

Start	End	Hrs	Activity Description
06:00	18:00	12.0	RIG MOVED 100%, WAIT TO DRILL RAT HOLE & MOUSE HOLE, START TO DRILL @ 17:00 HRS. & FINISH 22:30 HRS.
18:00	06:00	12.0	SDFN

RIG UP TRUCKS SET FOR 07:00 AM

NO ACCIDENTS
FULL CREW
FUEL 1842 GALS.

07-26-2007 Reported By CARLOS ARRIETA / DAVID FOREMAN

Daily Costs: Drilling \$58,982 Completion \$0 Daily Total \$58,982
 Cum Costs: Drilling \$316,791 Completion \$0 Well Total \$316,791

MD 2,348 TVD 2,348 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: PREP TO PU BHA

Start	End	Hrs	Activity Description
06:00	11:30	5.5	RIG UP,TRUCKS OFF LOCATION @ 11:30.NOTIFIED FLOYD BARTLETT W/UTAH STATE WOGCC F/ BOP TEST 7-25-07 @13:20, ROOSEVELT,UTAH OFFICE 435-722-7589. & B&C QUICK TEST.
11:30	15:00	3.5	CHG.OUT DERRICK CLIMBER,POOL ON DRILLING LINE,CONT.RIG UP,CUT AND WELDING ON MOTOR SHED SUPPORTS,RAISE DERRICK @15:00.
15:00	19:00	4.0	CONT. RIG UP.
19:00	20:00	1.0	PICK UP KELLY,NIPPLE UP BOP,CHOKE LINE,RIG UP FLOW LINE,GAS BUSTER,FUNCTION TEST BOP CONT. RIG UP FLOOR.
20:00	01:30	5.5	RIG UP B & C QUICK TEST & TEST BOP, PIPE RAMS,BLIND RAMS.ALL KILL LINE VALVES,CHOCK LINE & MANIFOLD,HCR,KELLY UPPER & LOWER KELLY VALVES,SAFETY VALVE,DART VALVE,ALL TO 250 PSI LOW & 5000 PSI HIGH ANNULAR 250 PSI LOW 2500 HIGH,SURFACE CSG.1500 PSI GOOD TEST. WITNESS B & C QUICK TEST.RIG DOWN TESTER, INSTALL WEAR BUSHING. RIG ON DAY WORK @ 01:30 HRS, 7/26/07.
01:30	05:00	3.5	SET PIPE RACKS & LOAD RACKS F/ PICK UP BHA,SLM SAME,RIG UP WEATHERFORD LAYDOWN MACHINE, JSA,SAFETY MEETING, W/ALL PERSONNAL,
05:00	06:00	1.0	TEST RUN WITH PU MACHINE. BLOWN HOSE TO LIFTING RAM. W.O.HYDRAULIC HOSE.

MUD WT.8.4, VIS.28,
 ACCIDENTS NONE REPORTED
 FUNCTION TEST CROWN-O-MATIC
 SAFETY MEETING: RIG UP / PU BHA,
 CREWS FULL
 FUEL ON HAND,6000, USED 342, REC. 4500,

MUD LOGGER ON LOCATION F/ 7-25-07 DAYS. (1)
 JONATHAN ARRIETA

07-27-2007 Reported By DAVID FOREMAN

Daily Costs: Drilling \$29,046 Completion \$0 Daily Total \$29,046
 Cum Costs: Drilling \$345,837 Completion \$0 Well Total \$345,837

MD 3,805 TVD 3,805 Progress 1,457 Days 1 MW 8.4 Visc 30.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	REPAIR LAY DOWN MACHINE CHG OUT HYD HOSE / WEATHERFORD

07:30 08:00 0.5 JSA & SAFETY MEETING W/ RIG CREW A7 WEATHERFORD ON TEAM WORK & BHA
 08:00 12:30 4.5 P/U BHA & 44 JTS. D/P TAG AT 2253,RIG DOWN WEATHERFORDS LAY MACHINE.
 12:30 13:30 1.0 INSTALL ROT. HEAD RUBBER,& SAVER SUB.
 13:30 14:00 0.5 PRE SPUD INSPECTION.
 14:00 15:30 1.5 DRILL CEMENT/FLOAT EQUIP.SHOE @2348' + 15' FORMATION TO 2363'
 15:30 16:00 0.5 CIRC. CLEAN SPOT HI VIS PILL F.I.T. 361 PSI. W/ 8.6 MUD WT.=11.5+ E.M.W.
 16:00 02:00 10.0 DRILLING F/ 2363' TO 3363',1015,ROP,101.5,WOB,18/20,RPM,55/60,GPM,445,DIFF,325.
 02:00 02:30 0.5 SURVEY @ 3288' 2.88 DEG.
 02:30 06:00 3.5 DRILLING F/ 3363' TO 3805',442,ROP,126.3,WOB,18/20,RPM,60,GPM,445,DIFF,333.

MUD LOSS LAST 24 HRS. 0 BBLs.
 MUD WT.9.1, VIS.32,
 ROT,92,,PU,95,,SO,90,
 DRILLS 1 FIRE DRILL,

ACCIDENTS NONE REPORTED
 FUNCTION TEST CROWN-O-MATIC
 SAFETY MEETING: HOUSEKEEPING / TEAM WORK
 CREW FULL / NIGHT CREW SHORT 1 MAN F/H

FUEL ON HAND,5280, USED 720,
 FORMATION TOP: MAHOGANY
 GAS BG.200 U, CONN. 4250 U,
 MAX GAS 4721 U, @ 2574'

MUD LOGGER ON LOCATION F/ 7-25-07 TO (2) DAYS.
 JONATHAN ARRIETA

06:00 18.0 SPUD 7 7/8" HOLE @ 16:00 HRS, 7/26/07.

07-28-2007 Reported By DAVID FOREMAN

Daily Costs: Drilling	\$36,388	Completion	\$0	Daily Total	\$36,388
Cum Costs: Drilling	\$382,225	Completion	\$0	Well Total	\$382,225
MD	5,747	TVD	5,747	Progress	1,942
				Days	2
				MW	9.2
				Visc	34.0
Formation :		PBTD : 0.0		Perf :	
				PKR Depth : 0.0	

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	09:00	3.0	DRILLING F/ 3805' TO 4159',351',ROP,118,WOB,18/20,RPM,50/55,GPM,445,DIFF,370.
09:00	09:30	0.5	SURVEY @ 4084' 1.79,DEG.
09:30	16:00	6.5	DRILLING F/ 4159' TO 4791'632',ROP,97.3,WOB,18/20,RPM,55/60,GPM,445,DIFF,253.
16:00	16:30	0.5	SERVICE RIG
16:30	06:00	13.5	DRILLING F/ 4791' TO 5747',995',ROP,70.8,WOB,16/20,RPM,50/65,GPM,445,DIFF,120/275

MUD LOSS LAST 24 HRS. 0 BBLs.
 MUD WT.9.9, VIS.33,

ROT,125,,PU,127,,SO,120,
 DRILLS 2 BOP DRILL

ACCIDENTS NONE REPORTED
 FUNCTION TEST CROWN-O-MATIC
 SAFETY MEETING: HOUSEKEEPING / TEAM WORK
 CREW FULL / NIGHT CREW SHORT 1 MAN F/H

FUEL ON HAND,4218, USED 1062,
 FORMATION TOP: BUCK CANYON
 GAS BG.100 U, CONN. 3000 U,
 MAX GAS 4177 U, @ 4835'

MUD LOGGER ON LOCATION F/ 7-25-07 TO (3) DAYS.
 JONATHAN ARRIETA

07-29-2007	Reported By	DAVID FOREMAN									
Daily Costs: Drilling	\$30,479	Completion	\$0	Daily Total	\$30,479						
Cum Costs: Drilling	\$412,704	Completion	\$0	Well Total	\$412,704						
MD	6,740	TVD	6,740	Progress	993	Days	3	MW	10.2	Visc	35.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	16:30	10.5	DRILLING F/ 5747' TO 6136',389',ROP,37,WOB,18/22,RPM,45/60,GPM,409,DIFF,45/253.
16:30	17:00	0.5	SERVICE RIG.
17:00	18:30	1.5	DRILLING F/ 6136' TO 6212',76',ROP,50.6,WOB,20/22,RPM,55/60,GPM,435,DIFF,225/355.
18:30	19:00	0.5	W/O/PUMPS.
19:00	06:00	11.0	DRILLING F/ 6212' TO 6740',528',ROP,48,WOB,20/22,RPM,55/60,GPM,435,DIFF,150/380.

MUD LOSS LAST 24 HRS. 0 BBLS.
 MUD WT.11., VIS.34,
 ROT,138,,PU,145,,SO,129,
 DRILLS 1 BOP DRILL

ACCIDENTS NONE REPORTED
 FUNCTION TEST CROWN-O-MATIC
 SAFETY MEETING: PPE,TEAM WORK / MIXING CAUSTIC.
 DAY CREW FULL / NIGHT CREW SHORT 1 MAN F/H

FUEL ON HAND,3210, USED 1008,
 FORMATION TOP: PRICE RIVER @6527'
 GAS BG.300 U, CONN. 250/7000 U,
 MAX GAS 5876 U, @ 6392'

MUD LOGGER ON LOCATION F/ 7-25-07 TO (4) DAYS.
 JONATHAN ARRIETA

07-30-2007	Reported By	DAVID FOREMAN									
Daily Costs: Drilling	\$36,053	Completion	\$0	Daily Total	\$36,053						
Cum Costs: Drilling	\$448,758	Completion	\$0	Well Total	\$448,758						
MD	7,046	TVD	7,046	Progress	306	Days	4	MW	11.1	Visc	37.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: RUNNING CASING

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILLING F/ 6740' TO 7046' TD,306',ROP,40.8,WOB,20/22,RPM,55/60,GPM,425,DIFF,235/540. REACHED TD AT 13:30 HRS. 7/29/07.
			NOTIFIED DAVID HACKFORD, WOGCC ROSEVELT UTAH, 435-722-7589,7-29-07 @ 14:30,F/ RUN & CEMENTING 4 1/2 PRODUCTION CASING.
13:30	14:00	0.5	SERVICE RIG
14:00	15:30	1.5	PUMP HI-VIS. SWEEP,CIRC. CLEAN, SLUG PIPE F/ TRIP
15:30	19:00	3.5	SHORT TRIP HOLE CLEAN NO DRAG.
19:00	21:00	2.0	CIRC.CLEAN,PUMP SLUG,DROP SURVEY,
21:00	01:30	4.5	LAY DOWN DRILL PIPE. BREAK KELLY, REMOVE ROT.HEAD.
01:30	03:00	1.5	LAY DOWN BHA & REMOVE WEAR BUSHING,CLEAN FLOOR.SURVEY @ 6971' 1.99 DEG.
03:00	03:30	0.5	JSA SAFETY MEETING W/ WEATHERFORD & RIG CREW.
03:30	06:00	2.5	RIG UP & RUN CASING 4 1/2 11.6 N-80 LTC, 36 JTS. @ 1563'

MUD LOSS LAST 24 HRS. 0 BBLs.
 MUD WT.11.2, VIS.34,

ACCIDENTS NONE REPORTED
 FUNCTION TEST CROWN-O-MATIC
 SAFETY MEETING:LOCK OUT TAG OUT/ TRIPS
 CREW NIGHT CREW SHORT 1 MAN F/H F/ ONE WEEK.

FUEL ON HAND,2276, USED 934,
 FORMATION TOP: PRICE RIVER @6527'
 GAS BG.350 U, CONN. 350/6800 U,
 MAX GAS 7243 U, @ 6661'
 TRIP GAS @ 1495 @ 7646'

MUD LOGGER ON LOCATION F/ 7-25-07 TO 7-29-07 (4) DAYS.
 JONATHAN ARRIETA

07-31-2007	Reported By	DAVID FOREMAN									
Daily Costs: Drilling	\$70,529	Completion	\$127,649	Daily Total	\$198,178						
Cum Costs: Drilling	\$519,287	Completion	\$127,649	Well Total	\$646,936						
MD	7,046	TVD	7,046	Progress	0	Days	5	MW	11.2	Visc	0.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: RDRT

Start	End	Hrs	Activity Description
06:00	10:00	4.0	FINISH,RUN 4 1/2 CSG.,RAN 167 JTS. 11.6#.N80,LTS, AS FOLLOWS, FLOAT SHOE,1JT.CSG.,FLOAT COLLAR, 21 JTS. CSG.,1 MARJER JT., 54 JTS.CSG.,1 MARKER JT.91 JTS.CSG.+ HANGER ASS. FLOAT SHOE @7044' FLOAT COLLAR @ 7001' MARKER JT. @ 6099 TOP, MARKER JT. @ 3825' TOP, CENTRALIZERS,5 FT. ABOVE SHOE,TOP OF JT.#2 & EVERY 2ND JT.TO 3741 TOTAL 40, CASING POINT COST **\$489,598.00**
10:00	11:00	1.0	TAG @ 7046' LAY DOWN TAG JT. PICK UP DOT HANGER SPACE OUT CIRC.W/ RIG PUMP.RIG DOWN WEATHERFORD LAY DOWN MACHINE, SAFETY MEETING W/ SCHLUMBERGER.
11:00	13:00	2.0	RIG UP SCHLUMBERGER, TEST LINES 5000 PSI,PUMPING 20 BBLS CHEM WASH & 20 BBLS WATER SPACER AHEAD OF LEAD.,CEMENT 7044' 4 1/2 N80 11.6# CSG. LEAD 200 SKS.HI-LIFT G + ADDS MIX D020 10.% EXTENDER,D167 .2% FLUID LOSS,D046.2%,ANTIFOAM,D013 .5% RATERDER,D130 .125 LB/SK BLEND LOST CIRC, D065 .5% DISPERSANT, YIELD 2.98 FT3/SK, H20 18.186, GAL/SK@ 11.5 PPG., TAIL 1005 SKS 50/50 POZ G + ADDS D020 2% EXTENDER,D046 .1% ANTIFOAM,D167 .2% FLUID LOSS, D065 .2% DISPERSANT, YIELD 1.29 FT3/SK , H20 5.875 GAL/SK @ 14.1 PPG DISP. TO FLOAT COLLER W/2GAL/1000 L064, FRESH WATER. W/ 108 BBLS. AVG. DISP. RATE 7.5 BPM, FULL RETURNS THROUGH OUT JOB. DROP PLUG @ 12:40 BUMPED PLUG @ TO 2300 PSI. 800 PSI OVER LIFT PSI.@ 1500, F/2 MINS.GOT 1. BBL. BACK FLOAT HELD.@ 13:04 CEMENT IN PLACE. RIG DOWN SCHLUMBERGER.
13:00	17:00	4.0	TRY TO LAND CSG. HANGER, CEMENT HOLDING CASING UP. UN ABLE TO LAND DOT HANGER. PULL UP TO 58,000,STRING WT. W/O/CEMENT TO SET. AND NIPPLE DOWN BOP TO SET EMERGENCY SLIPS.
17:00	19:00	2.0	PICK UP BOP & HANG OFF TO ROTARY BEAM, PULL UP SET SLIPS W/ 75,000.MAKE CASING CUT, REMOVE LANDING JT. INSTALL PACK OFF, & LOCK DOWN RING, SECURE WELL.
19:00	06:00	11.0	RIG DOWN. R.W.JONES @ 07:00 FOR RIG MOVE,7-31-07. 1/4 MILE ACCIDENTS NONE REPORTED SAFETY MEETING:TRIPS & CEMENTING CREWS, NIGHT CREW SHORT 2 MAN F/H / M/H. FUEL ON HAND,2276, TRANSFERRED TO 541-1E THREE JTS. 4 1/2 11.6 CSG. TRANSFERRED TO 541-1E MUD LOGGER ON LOCATION F/ 7-25-07 TO 7-29-07 (5) DAYS. JONATHAN ARRIETA
06:00		18.0	RELEASE RIG 19:00 HRS, 7/30/07. CASING POINT COST \$519,287

08-03-2007		Reported By		SEARLE	
Daily Costs: Drilling	\$0	Completion	\$39,835	Daily Total	\$39,835
Cum Costs: Drilling	\$519,287	Completion	\$167,484	Well Total	\$686,771
MD	7,046	TVD	7,046	Progress	0
Formation :		PBTD :	6999.0	Perf :	
Activity at Report Time:	WO COMPLETION				

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU SCHLUMBERGER. RAN RST/CBL/VDL/GR/CCL FROM PBSD TO 600'. CEMENT TOP @ 890'. RD SCHLUMBERGER. WO COMPLETION.

08-11-2007 Reported By HOOLEY

Daily Costs: Drilling	\$0	Completion	\$1,085	Daily Total	\$1,085
Cum Costs: Drilling	\$519,287	Completion	\$168,569	Well Total	\$687,856

MD	7.046	TVD	7.046	Progress	0	Days	7	MW	0.0	Visc	0.0
-----------	-------	------------	-------	-----------------	---	-------------	---	-----------	-----	-------------	-----

Formation : **PBSD : 6999.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
11:00	12:00	1.0	INSTALLED 10K FRAC TREE. PRESSURE TESTED CSG AND FRAC TREE TO 6500 PSIG. WO COMPLETION.

08-18-2007 Reported By HOOLEY

Daily Costs: Drilling	\$0	Completion	\$206,740	Daily Total	\$206,740
Cum Costs: Drilling	\$519,287	Completion	\$375,309	Well Total	\$894,596

MD	7.046	TVD	7.046	Progress	0	Days	8	MW	0.0	Visc	0.0
-----------	-------	------------	-------	-----------------	---	-------------	---	-----------	-----	-------------	-----

Formation : MESAVERDE / **PBSD : 6999.0** **Perf : 4824-6927** **PKR Depth : 0.0**
WASATCH

Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
07:00	17:00	10.0	SICP 0 PSIG. RU CUTTERS WIRELINE. PERFORATED UPR FROM 6926-27', 6920-22', 6856-58', 6837-38', 6830-31', 6807-09', 6769-70', 6758-59', 6745-46', 6738-39', AND 6728-29' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4161 GAL WF120 PAD, 53547 GAL WF120 & YF116ST+ WITH 153100# 20/40 SAND @ 1-5 PPG. MTP 4992 PSIG. MTR 50.0 BPM. ATP 3864 PSIG. ATR 45.5 BPM. ISIP 2400 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6685'. PERFORATED UPR FROM 6670-71', 6662-64', 6654-55', 6646-48', 6627-29', 6608-09', 6600-01' AND 6595-97' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4121 GAL WF120 PAD, 46489 GAL WF120 & YF116ST+ WITH 128900# 20/40 SAND @ 1-5 PPG. MTP 5185 PSIG. MTR 50.9 BPM. ATP 3916 PSIG. ATR 46.6 BPM. ISIP 2400 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6570'. PERFORATED UPR/NORTH HORN FROM 6554-55', 6537-38', 6530-31', 6523-24', 6501-02', 6454-55', 6396-97', 6390-91', 6384-85', 6367-68', 6345-46' AND 6328-29' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4105 GAL WF120 PAD, 54149 GAL WF120 & YF116ST+ WITH 159000# 20/40 SAND @ 1-5 PPG. MTP 5902 PSIG. MTR 50.0 BPM. ATP 3869 PSIG. ATR 46.6 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6240'. PERFORATED NORTH HORN/Ba FROM 6221-23', 6180-81', 6138-39', 6105-06', 6087-88', 6064-65', 5992-93', 5982-83', 5949-50' AND 5932-34' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4100 GAL WF120 PAD, 43150 GAL WF120 & YF116ST+ WITH 119600# 20/40 SAND @ 1-5 PPG. MTP 5318 PSIG. MTR 54.0 BPM. ATP 3936 PSIG. ATR 47.5 BPM. ISIP 2100 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5030'. PERFORATED Ca FROM 4993-94', 4983-84', 4974-75', 4938-39', 4933-34', 4898-99', 4892-93', 4883-84', 4874-75', 4840-41', 4830-31' AND 4824-25' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4161 GAL WF120 PAD, 53253 GAL WF120 & YF116ST+ WITH 163400# 20/40 SAND @ 1-5 PPG. MTP 3436 PSIG. MTR 51.3 BPM. ATP 2642 PSIG. ATR 47.9 BPM. ISIP 1460 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP @ 4765'. BLEED OFF PRESSURE. RDWL. SDFN.

08-23-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$2,160 Daily Total \$2,160
 Cum Costs: Drilling \$519,287 Completion \$377,469 Well Total \$896,756

MD 7,046 TVD 7,046 Progress 0 Days 9 MW 0.0 Visc 0.0

Formation : MESAVERDE / PBTB : 6999.0 Perf : 4824-6927 PKR Depth : 0.0
 WASATCH

Activity at Report Time: CO TO PBTB

Start	End	Hrs	Activity Description
12:00	17:00	5.0	ROAD RIG FROM BIG SPRING # 3-36 GR. SDFD.

08-24-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$17,760 Daily Total \$17,760
 Cum Costs: Drilling \$519,287 Completion \$395,229 Well Total \$914,516

MD 7,046 TVD 7,046 Progress 0 Days 10 MW 0.0 Visc 0.0

Formation : MESAVERDE / PBTB : 6999.0 Perf : 4824-6927 PKR Depth : 0.0
 WASATCH

Activity at Report Time: DRLG CFP'S

Start	End	Hrs	Activity Description
06:00	17:00	11.0	SICP 0 PSIG. MIRU ROYAL RIG #1. ND FRAC TREE. NU BOP. RIH W/MILL & PUMP OFF BIT SUB TO CBP @ 4765'. SDFN.

08-25-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$48,304 Daily Total \$48,304
 Cum Costs: Drilling \$519,287 Completion \$443,533 Well Total \$962,820

MD 7,046 TVD 7,046 Progress 0 Days 11 MW 0.0 Visc 0.0

Formation : MESAVERDE / PBTB : 6999.0 Perf : 4824-6927 PKR Depth : 0.0
 WASATCH

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 4765', 5030', 6240', 6570' & 6685'. RIH. CLEANED OUT TO PBTB @ 7001'. LANDED TBG AT 6004' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RD MOSU.

FLOWED 13 HRS. 32/64" CHOKE. FTP 950 PSIG. CP 1250 PSIG. 68 BFPH.
 RECOVERED 876 BLW. 5191 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB 1.00'
 1 JT 2-3/8" 4.7# J-55 TBG 32.75'
 XN NIPPLE 1.10'
 183 JTS 2-3/8" 4.7# J-55 TBG 5956.82'
 BELOW KB 12.00'
 LANDED @ 6003.67' KB

08-26-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$2,375 Daily Total \$2,375

Cum Costs: Drilling \$519,287 **Completion** \$445,908 **Well Total** \$965,195
MD 7,046 **TVD** 7,046 **Progress** 0 **Days** 12 **MW** 0.0 **Visc** 0.0
Formation : MESAVERDE / WASATCH **PBTD : 6999.0** **Perf : 4824-6927** **PKR Depth : 0.0**

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 32/64" CHOKE. FTP 850 PSIG. CP 1250 PSIG. 45 BFPH. RECOVERED 1093 BLW. 4093 BLWTR.

08-27-2007 **Reported By** HAL IVIE

Daily Costs: Drilling \$0 **Completion** \$2,375 **Daily Total** \$2,375
Cum Costs: Drilling \$519,287 **Completion** \$448,283 **Well Total** \$967,570
MD 7,046 **TVD** 7,046 **Progress** 0 **Days** 13 **MW** 0.0 **Visc** 0.0
Formation : MESAVERDE / WASATCH **PBTD : 6999.0** **Perf : 4824-6927** **PKR Depth : 0.0**

Activity at Report Time: INSULATING FACILITIES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 32/64" CHOKE. FTP 750 PSIG. CP 1150 PSIG. 25 BFPH. RECOVERED 595 BLW. 3498 BLWTR. SI. INSULATING FACILITIES.

08-30-2007 **Reported By** ROGER DART

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$519,287 **Completion** \$448,283 **Well Total** \$967,570
MD 7,046 **TVD** 7,046 **Progress** 0 **Days** 14 **MW** 0.0 **Visc** 0.0
Formation : MESAVERDE / WASATCH **PBTD : 6999.0** **Perf : 4824-6927** **PKR Depth : 0.0**

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION: OPENING PRESSURE: TP 1800 & CP 1800 PSI. TURNED WELL TO QUESTAR SALES AT 11:30 AM, 8/29/07. FLOWED 1000 MCFD RATE ON 10/64" POS CHOKE. STATIC 646.

08-31-2007 **Reported By** ALAN WATKINS

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$519,287 **Completion** \$448,283 **Well Total** \$967,570
MD 7,046 **TVD** 7,046 **Progress** 0 **Days** 15 **MW** 0.0 **Visc** 0.0
Formation : MESAVERDE / WASATCH **PBTD : 6999.0** **Perf : 4824-6927** **PKR Depth : 0.0**

Activity at Report Time: SHUT IN

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHUT IN FOR CONSTRUCTION WORK

09-04-2007 **Reported By** ROBERT WILKINS

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$519,287 **Completion** \$448,283 **Well Total** \$967,570
MD 7,046 **TVD** 7,046 **Progress** 0 **Days** 16 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE /
WASATCH

PBTD : 6999.0

Perf : 4824-6927

PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	9/1/07 FLOWED 646 MCF, 3 BC & 20 BW IN 24 HRS ON 10/64" CHOKE, TP 1750 PSIG & CP 1800 PSIG.
			9/2/07 FLOWED 709 MCF, 5 BC & 31 BW IN 24 HRS ON 10/64" CHOKE, TP 1500 PSIG & CP 1625 PSIG.
			9/3/07 FLOWED 698 MCF, 6 BC & 25 BW IN 24 HRS ON 10/64" CHOKE, TP 1825 PSIG & CP 1850 PSIG.
			9/4/07 FLOWED 687 MCF, 5 BC & 30 BW IN 24 HRS ON 10/64" CHOKE, TP 1500 PSIG & CP 1600 PSIG.

Well:		API Number:	Commenced:
Ashley Fed 2	drlg rpts/wcr	4301332595	08/10/2006
CWU 1008-22	drlg rpts/wcr	4304736919	05/22/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 546-1E	wcr	4304736280	06/15/2007
CWU 1225-11	drlg rpts/wcr	4304738426	06/18/2007
Gilsonite 11-02GR	wcr	4301333483	06/21/2007
CWU 1005-27	drlg rpts/wcr	4304736922	06/27/2007
CWU 1226-11	drlg rpts/wcr	4304738430	07/03/2007
Petes Wash U 13-06GR	drlg rpts/wcr	4301333203	07/06/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 686-30	drlg rpts/wcr	4304736960	07/15/2007
N Chapita 340-34	drlg rpts/wcr	4304738060	07/24/2007

NOTICE

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

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

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

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

Operator: EOG Resources, Inc Today's Date: 11/27/2007

Well: API Number: Drilling Commenced:

See Attachment

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

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

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

cc: Well File
Compliance File

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.
UTU010953

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

2. Name of Operator **EOG RESOURCES, INC.** Contact: **CARRIE E MACDONALD**
 E-Mail: **carrie_macdonald@egoresources.com**

3. Address **600 17TH STREET, SUITE 1000N** 3a. Phone No. (include area code)
DENVER, CO 80202 Ph: **303-262-2812**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWSW 2036FSL 699FWL 39.97628 N Lat, 109.39518 W Lon**
 At top prod interval reported below **NWSW 2036FSL 699FWL 39.97628 N Lat, 109.39518 W Lon**
 At total depth **NWSW 2036FSL 699FWL 39.97628 N Lat, 109.39518 W Lon**

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
NATURAL BUTTES UN

8. Lease Name and Well No.
NATURAL BUTTES UNIT 546-1E

9. API Well No. **43-047-36280**

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

11. Sec., T., R., M., or Block and Survey
 or Area **Sec 1 T10S R22E Mer SLB**

12. County or Parish
UINTAH COUNTY

13. State
UT

14. Date Spudded **06/15/2007** 15. Date T.D. Reached **07/29/2007** 16. Date Completed
 D & A Ready to Prod. **08/29/2007**

17. Elevations (DF, KB, RT, GL)*
5108 GL

18. Total Depth: MD **7046** TVD
 19. Plug Back T.D.: MD **7001** TVD
 20. Depth Bridge Plug Set: MD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RST/CBL/WDL/GR/CCL

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	2348		825			
7.875	4.500 N-80	11.6	0	7044		1205			

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	6004							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	6328	6927	6728 TO 6927		3	
B) WASATCH	4824	6223	6595 TO 6671		3	
C)			6328 TO 6555		3	
D)			5932 TO 6223		3	

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6728 TO 6927	57,873 GALS GELLED WATER & 153,100# 20/40 SAND
6595 TO 6671	50,775 GALS GELLED WATER & 128,900# 20/40 SAND
6328 TO 6555	58,419 GALS GELLED WATER & 159,000# 20/40 SAND
5932 TO 6223	47,250 GALS GELLED WATER & 119,600# 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
08/29/2007	09/04/2007	24	→	5.0	687.0	30.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
10/64	SI 1500	1800.0	→	5	687	30		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #56531 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

FEB 04 2008

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
MESAVERDE	6328	6927		WASATCH	4196
WASATCH	4824	6223		CHAPITA WELLS	4774
				BUCK CANYON	5381
				MESAVERDE	6512

32. Additional remarks (include plugging procedure):
 See Attached Sheet.

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 #56531 Verified by the BLM Well Information System.
 For EOG RESOURCES, INC., sent to the Vernal**

Name (please print) CARRIE E MACDONALD Title OPERATIONS CLERK

Signature _____ (Electronic Submission) Date 09/27/2007

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 546-1E - ADDITIONAL REMARKS (CONTINUED):

43. PERFORATION RECORD

4824-4994	3/spf
-----------	-------

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

4824-4994	57,414 GALS GELLED WATER & 163,400# 20/40 SAND
-----------	--

Perforated the Upper Price River from 6728-6729', 6738-6739', 6745-6746', 6758-6759', 6769-6770', 6807-6809', 6830-6831', 6837-6838', 6856-6858', 6920-6922', 6926-6927' w/ 3 spf.

Perforated the Upper Price River from 6595-6597', 6600-6601', 6608-6609', 6627-6629', 6646-6648', 6654-6655', 6662-6664', 6670-6671' w/ 3 spf.

Perforated the North Horn/Upper Price River from 6328-6329', 6345-6346', 6367-6368', 6384-6385', 6390-6391', 6396-6397', 6454-6455', 6501-6502', 6523-6524', 6530-6531', 6537-6538', 6554-6555' w/ 3 spf.

Perforated the Buck Canyon/North Horn from 5932-5934', 5949-5950', 5982-5983', 5992-5993', 6064-6065', 6087-6088', 6105-6106', 6138-6139', 6180-6181', 6221-6223' w/ 3 spf.

Perforated the Chapita Wells from 4824-4825', 4830-4831', 4840-4841', 4874-4875', 4883-4884', 4892-4893', 4898-4899', 4933-4934', 4938-4939', 4974-4975', 4983-4984', 4993-4994' w/ 3 spf.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

X Change of Operator (Well Sold)
 Operator Name Change

Designation of Agent/Operator
 Merger

1. DJJ
2. CDW

The operator of the well(s) listed below has changed, effective: **8/29/2007**

FROM: (Old Operator): N9550-EOG Resources 1060 E Hwy 40 Vernal, UT 84078 Phone: 1-(435) 781-9111	TO: (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 546-1E	01	100S	220E	4304736280	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
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

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

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number RLB0005236
- The **FORMER** operator has requested a release of liability from their bond on: n/a
 The Division sent response by letter on: n/a
- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

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

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.
UTU010953

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NATURAL BUTTES UNIT 546-01E

9. API Well No.
43-047-36280

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
EOG RESOURCES, INC. Contact: MICKENZIE THACKER
E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM

3a. Address
1060 E. HWY 40
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 453-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 1 T10S R22E NWSW 2036FSL 699FWL
39.97628 N Lat, 109.39518 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 checked="" 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 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.)

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 6/2/2008.

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #66995 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) MICKENZIE THACKER Title OPERATIONS CLERK

Signature *Mickenzie Thacker* (Electronic Submission) Date 02/04/2009

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**

FEB 09 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
EOG Resources, Inc

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

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

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

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

8. Well Name and No.
Multiple Wells

9. API Well No.
See Attached

10. Field and Pool or Exploratory Area
Natural Buttes

11. Country or Parish, State
Utah, Utah

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

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

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

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

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

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

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

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

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

Name (Printed/Typed)
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature [Signature] Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED

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

RECEIVED

DEC 24 2009

DIV. OF OIL, GAS & MINING

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

RECEIVED

DEC 24 2009

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

RECEIVED

DEC 24 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-010953
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NBU 546-1E
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		9. API NUMBER: 43047362800000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2036 FSL 0699 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 01 Township: 10.0S Range: 22.0E Meridian: S		PHONE NUMBER: 720 929-6507
		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/8/2016	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="TUBING FAILURE"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A WORKOVER FOR TUBING FAILURE HAS BEEN COMPLETED ON THE NBU 546-1E WELL. PLEASE SEE THE ATTACHED OPERATIONS SUMMARY REPORT FOR DETAILS.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 12, 2016		
NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/12/2016	

US ROCKIES REGION
Operation Summary Report

Well: NBU 546-1E		Spud date: 7/26/2007	
Project: UTAH-UINTAH		Site: NBU 546-1E	Rig name no.: ROCKY MOUNTAIN WELL SERVICE 1/1
Event: WELL WORK EXPENSE		Start date: 1/5/2016	End date: 1/8/2016
Active datum: RKB @0.00usft (above Mean Sea Level)		UWI: NBU 546-1E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/5/2016	12:30 - 13:30	1.00	MAINT	30	A	P		SPOT EQUIP, MIRU, KILL WELL, N/D WELL HEAD, P/U TBG, TBG NOT STUCK LAND BACK, N/U BOPS. R/U TBG EQUIP. SWIFN.
1/6/2016	7:00 - 7:15	0.25	MAINT	48		P		HSM, LAYING DOWN PIPE W/ PIPE WRANGLER
	7:15 - 11:00	3.75	MAINT	45	A	P		SICP=50#, SITP=0#, OPEN WELL, MIRU SCAN TECH, SCAN 184 JNTS 2-3/8 J-55 TOTAL, W/ A HOLE IN JNT #150 AND HEAVY SCALE ON "OD" FROM JNT #165-175, THE BOTTOM 3 JNTS PLUGGED W/ SAND AND SCALE. 73 JNTS YELLOW / BLUE BAND 111 JNTS RED BAND [JUNK]
	11:00 - 17:00	6.00	MAINT	31	I	P		P/U 3-7/8 MILL W/ XO, TALLEY AND P/U 150 JNTS 2-3/8 P-110 TBG, EOT @=4,787'. DRAIN EQUIP. SWIFN
1/7/2016	7:00 - 7:15	0.25	MAINT	48		P		HSM, C/O WELL
	7:15 - 8:30	1.25	MAINT	31	I	P		SICP=400#, SITP=0#, PUMP 6 BBLS DOWN TBG, RIH TAG W/ 156 JNT @=4,980', P/U POWER SWIVEL, HOOK UP WEATHERFORD AIR FOAM N2 UNIT BREAK CIRC
	8:30 - 9:30	1.00	MAINT	31	H	P		
	9:30 - 17:00	7.50	MAINT	44	D	P		C/O FROM 4,980' TO 5,108' FELL THROUGH, HANG POWER SWIVEL BACK, PULLED UP TO TBG FLOAT, CONT. TO RIH TAGGED W/ 204 JNTS @=6,505' P/U POWER SWIVEL BREAK CIRC, C/O HARD SCALE TO 6,988', CIRC WELL FOR 30 MIN. L/D 14 JNTS, PULL 26 STANDS, EOT @=4,884', DRAIN EQUIP. SWIFN.
1/8/2016	7:00 - 7:15	0.25	MAINT	48		P		HSM, TRIPPING PIPE
	7:15 - 9:00	1.75	MAINT	31	I	P		SICP=425#, SITP=0#, OPEN WELL AND CONTINUE TO POOH W/ MILL.
	9:00 - 15:00	6.00	MAINT	31	I	P		P/U 1.875 PROFILE NOTCHED COLLAR, RIH BROACHING TBG, P/U HANGER LAND W/ 205 JNTS 2-3/8 P-110 TBG W/ EOT @=6,565.92' R/D POWER SWIVEL, R/D TBG EQUIP. N/D BOPS, N/U WELL HEAD. BLOW WELL AROUND W/ AIR FOAM / N2 UNIT. RDMO.
								KB 12.00 4-1/2 HANGER .83 205 JNTS 2-3/8 P-110 6,551.59 PROFILE N/C 1.50 EOT @= 6,565.92