

RECEIVED

DEC 20 2005

DIV. OF OIL, GAS & MINING

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

December 15, 2005

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

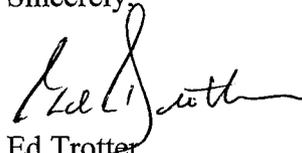
RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: ML-22792
UTAH STATE LANDS

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

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

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

Sincerely,



Ed Trotter
Agent
EOG Resources, Inc.

Attachments

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-22792	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: EOG RESOURCES, INC.				9. WELL NAME and NUMBER: NATURAL BUTTES UNIT 438-19E	
3. ADDRESS OF OPERATOR: P.O. BOX 1815 CITY VERNAL STATE UT ZIP 84078			PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 661' FNL, 1941' FEL AT PROPOSED PRODUCING ZONE: SAME				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 15.01 MILES SOUTHEAST OF OURAY, UTAH				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 661'		16. NUMBER OF ACRES IN LEASE: 644		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) SEE TOPO MAP "C"		19. PROPOSED DEPTH: 6,180		20. BOND DESCRIPTION: JP-0921	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5142.6' GRADED GROUND		22. APPROXIMATE DATE WORK WILL START: 1/15/2006		23. ESTIMATED DURATION: 45 DAYS	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	9 5/8"	J-55	36.0#	500	SEE 8 POINT PLAN
7 7/8"	4 1/2"	J-55	11.6#	6,180	SEE 8 POINT PLAN

25. ATTACHMENTS

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

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

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

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37534

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

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DIV. OF OIL, GAS & MINING

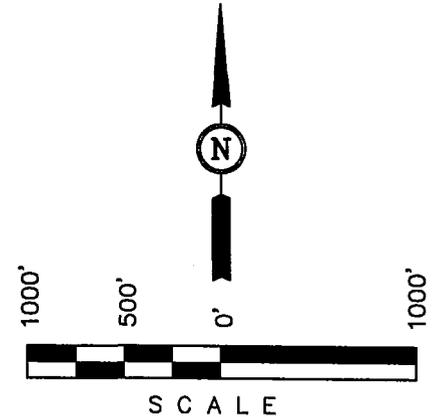
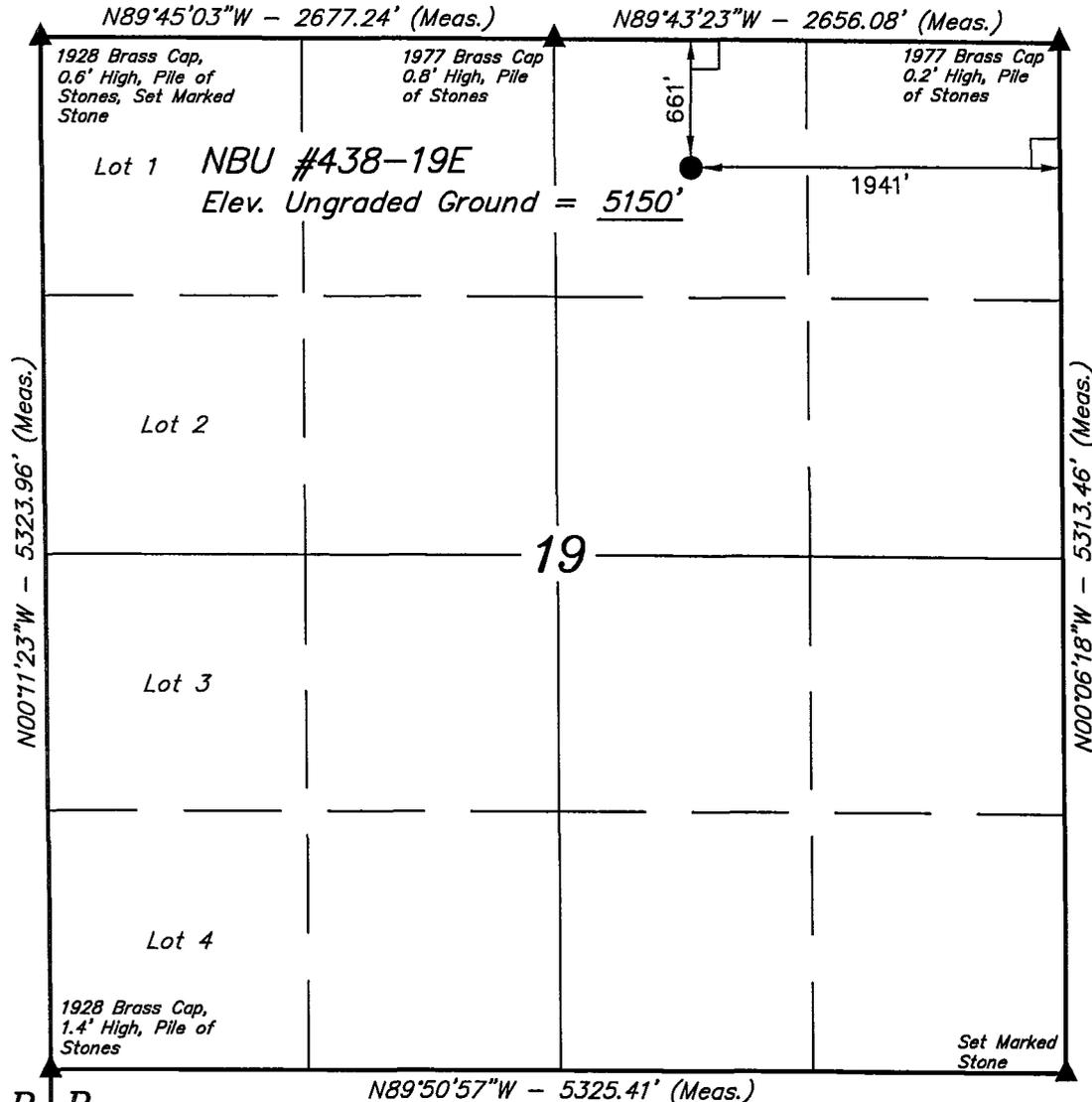
T10S, R21E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, NBU #438-19E, located as shown in the NW 1/4 NE 1/4 of Section 19, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

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



CERTIFICATE

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

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

R R
20 21
E E

BASIS OF BEARINGS

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

(NAD 83)
 LATITUDE = 39°56'19.04" (39.938622)
 LONGITUDE = 109°35'31.78" (109.592161)
 (NAD 27)
 LATITUDE = 39°56'19.17" (39.938658)
 LONGITUDE = 109°35'29.30" (109.591472)

LEGEND:

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

UNTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-11-05	DATE DRAWN: 11-21-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

EIGHT POINT PLAN
NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

FORMATION	DEPTH (KB)
Green River FM	1,138'
Wasatch	4,407'
Chapita Wells	5,052'
Buck Canyon	5,762'
North Horn	6,282'

EST. TD: 6,180' or 200' ± below North Horn Top

Anticipated BHP: 3,050 Psig

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

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

4. CASING PROGRAM:

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

All casing will be new or inspected.

5. Float Equipment:

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

Guide Shoe

Insert Float Collar (PDC drillable)

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

Production Hole Procedure (500' ± - TD):

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

EIGHT POINT PLAN
NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

6. **MUD PROGRAM:**

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

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

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

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

7. **VARIANCE REQUESTS:**

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

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

8. **EVALUATION PROGRAM:**

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

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

9. **CEMENT PROGRAM:**

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

Lead: Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

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

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

EIGHT POINT PLAN
NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Production Hole Procedure (500' ± to TD)

Lead: 278 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.

Tail: 370 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.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

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

11. STANDARD REQUIRED EQUIPMENT:

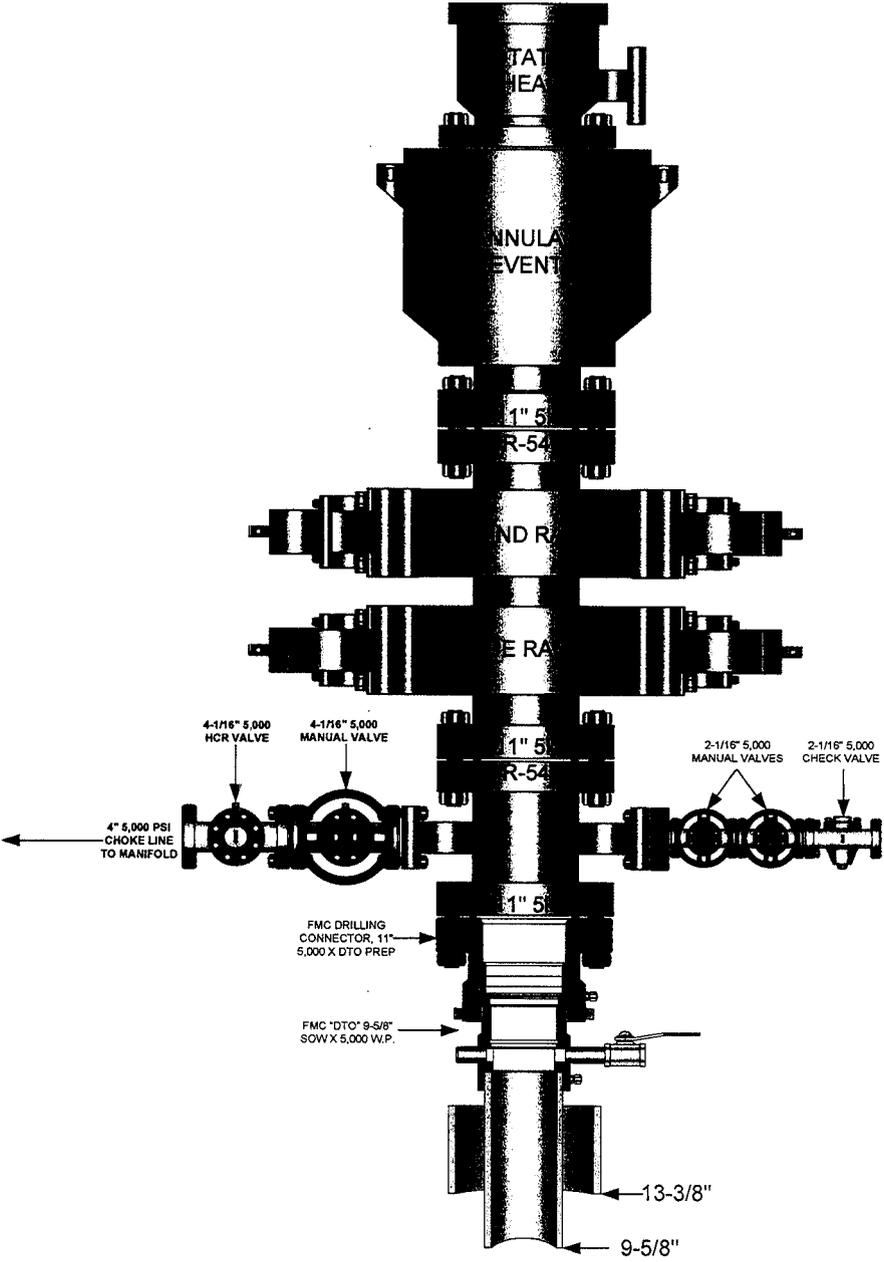
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

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

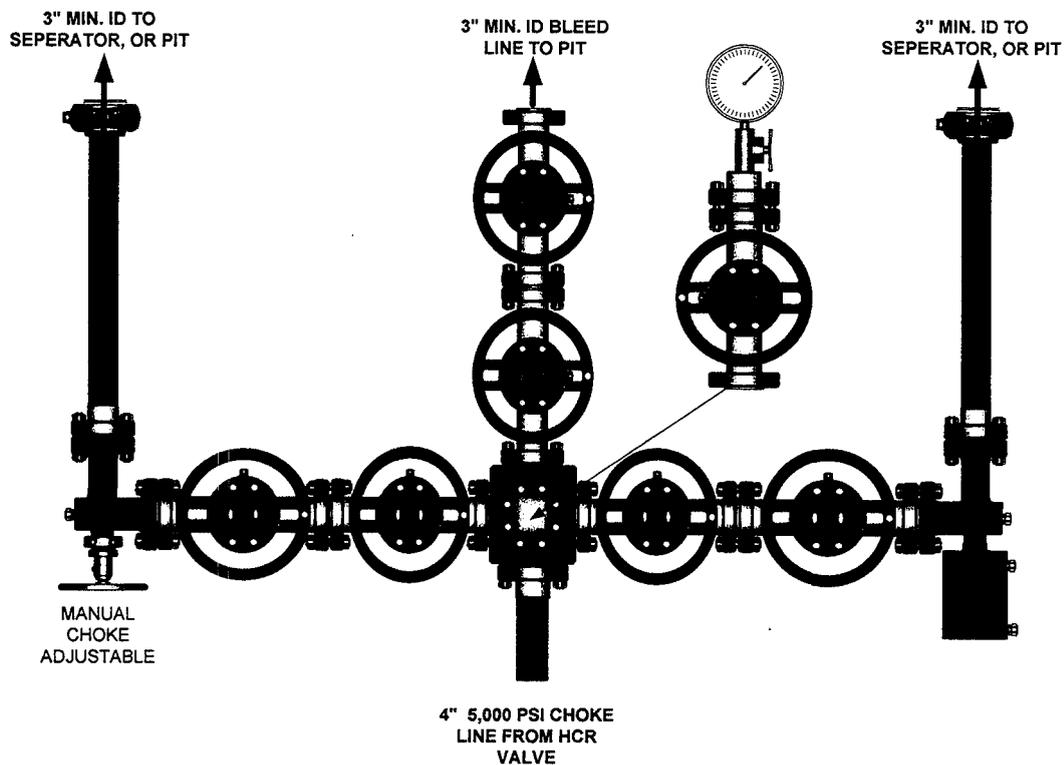
(Attachment: BOP Schematic Diagram)

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



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

PAGE 2 OF 2



Testing Procedure:

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

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

Company/Operator: EOG Resources, Inc.
Well Name & Number: Natural Buttes Unit 438-19E
Lease Number: ML-22792
Location: 661' FNL & 1941' FEL, NW/NE, Sec. 19,
T10S, R21E, S.L.B.&M.,
Uintah County, Utah

Surface Ownership: STATE OF UTAH

NOTIFICATION REQUIREMENTS

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

Location Completion - prior to moving on the drilling rig.

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

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

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

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

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

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 15.01 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 60 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.

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

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

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

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

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

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

- A. Abandoned wells - 3*
- B. Producing wells - 9*
- C. Shut in wells - 1*

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

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

A. **ON WELL PAD**

- 1. Tank batteries - None
- 2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
- 3. Oil gathering lines - None
- 4. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

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 640' from proposed location to a point in the NW/NE of Section 19, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Natural Buttes Unit, thus a Right-of-Way grant will not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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

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

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

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

6. **SOURCE OF CONSTRUCTION MATERIAL**

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

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

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

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

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

8. **ANCILLARY FACILITIES**

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

9. **WELLSITE LAYOUT**

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

The reserve pit will be located on the 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 topsoil will be stored from Corner #1 to the access road.

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.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

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

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

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

11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

12. OTHER INFORMATION

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

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

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization

of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

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

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

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

DRILLING OPERATIONS

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

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

Certification

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

12-15-2005
Date


Agent

EOG RESOURCES, INC.

NBU #438-19E

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

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; FOLLOW ROAD IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 60' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.0 MILES.

EOG RESOURCES, INC.

NBU #438-19E

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

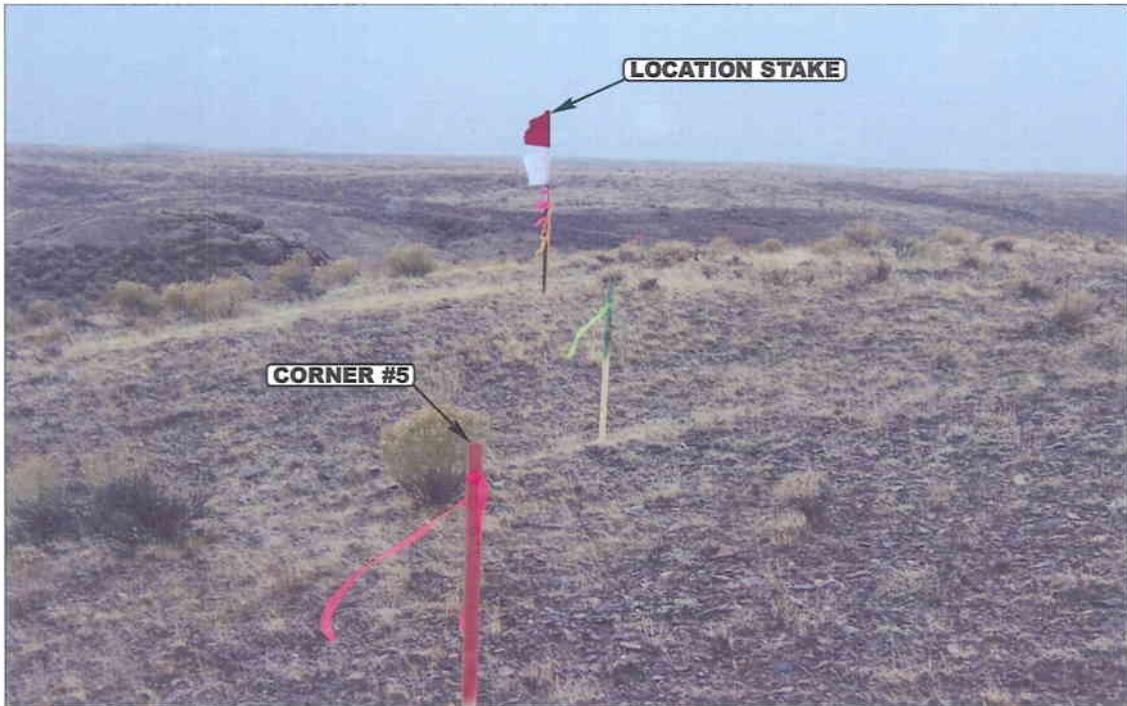


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY

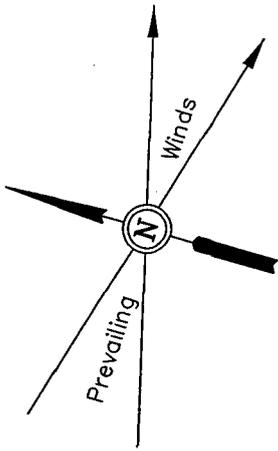


U
E
L
S
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

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

EOG RESOURCES, INC.

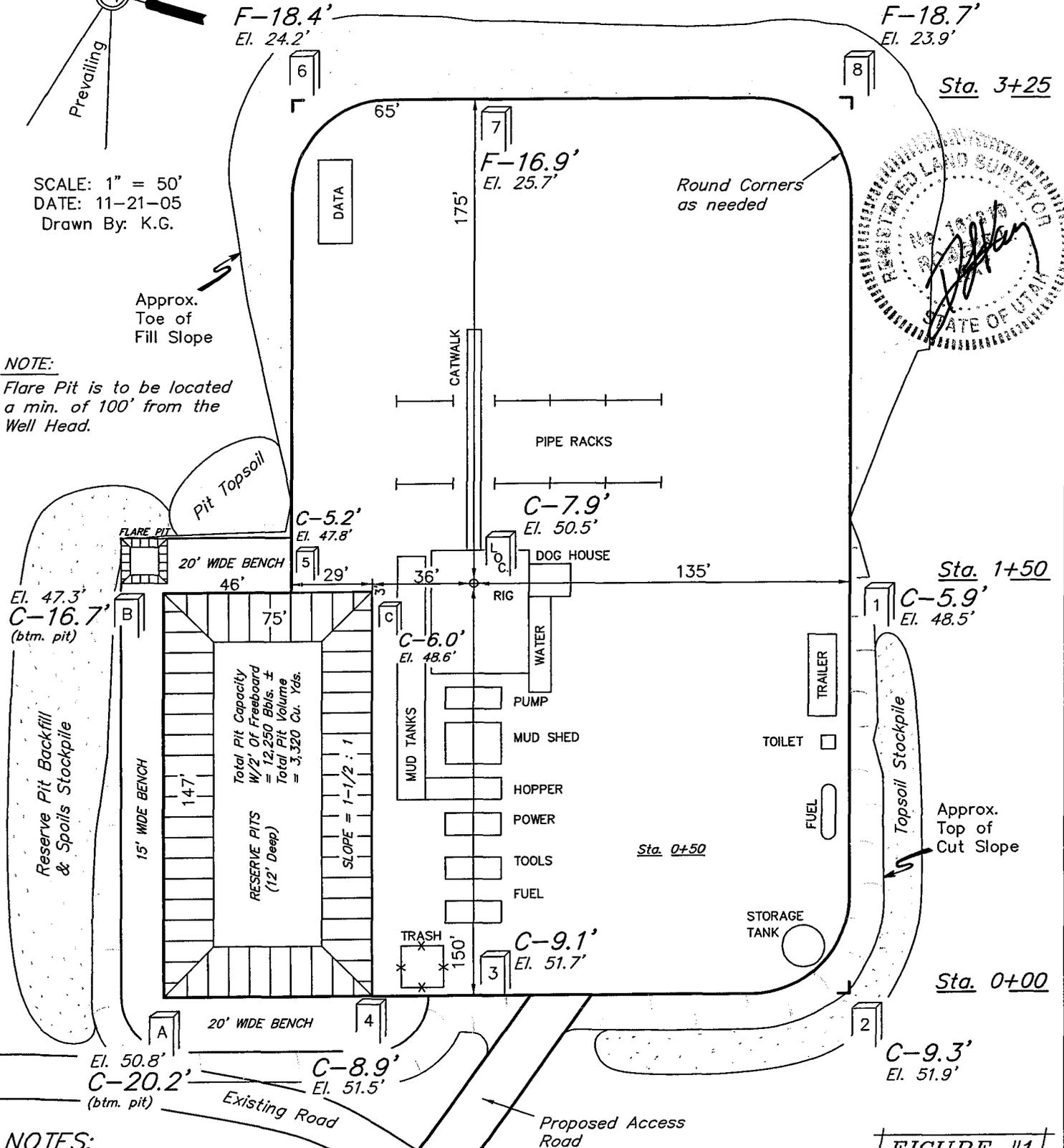
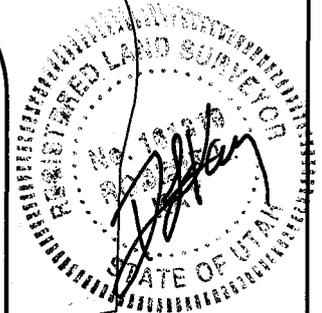
LOCATION LAYOUT FOR
 NBU #438-19E
 SECTION 19, T10S, R21E, S.L.B.&M.
 661' FNL 1941' FEL



SCALE: 1" = 50'
 DATE: 11-21-05
 Drawn By: K.G.

Approx. Toe of Fill Slope

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5150.5'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5142.6'

FIGURE #1

EOG RESOURCES, INC.

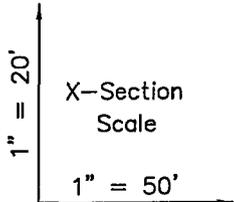
FIGURE #2

TYPICAL CROSS SECTIONS FOR

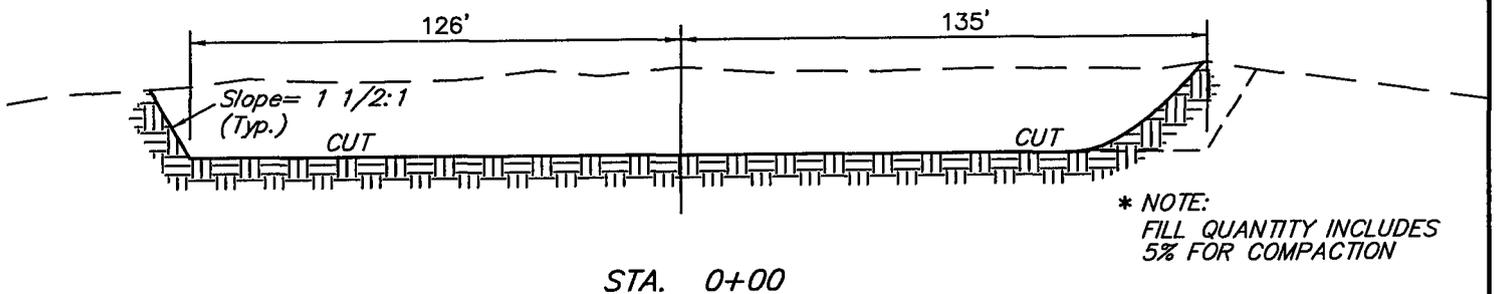
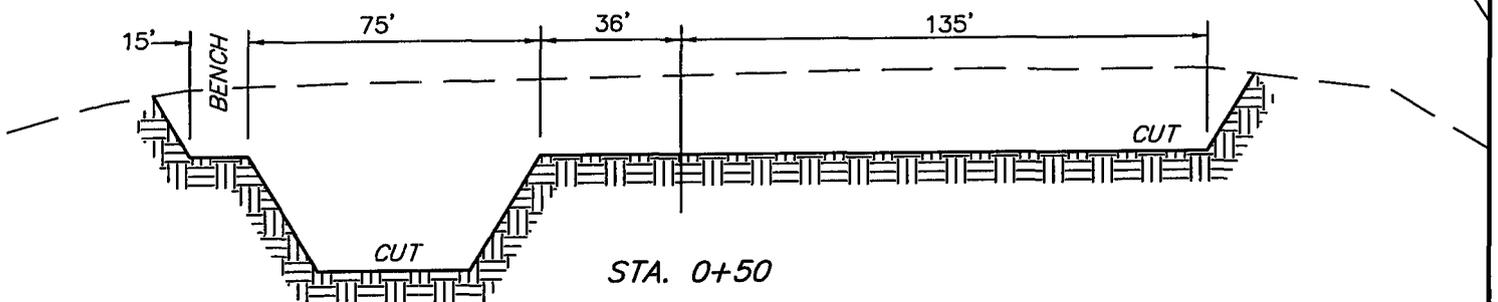
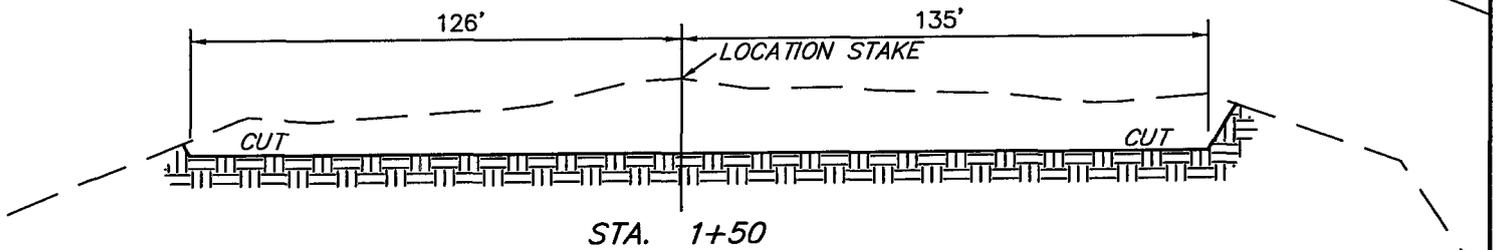
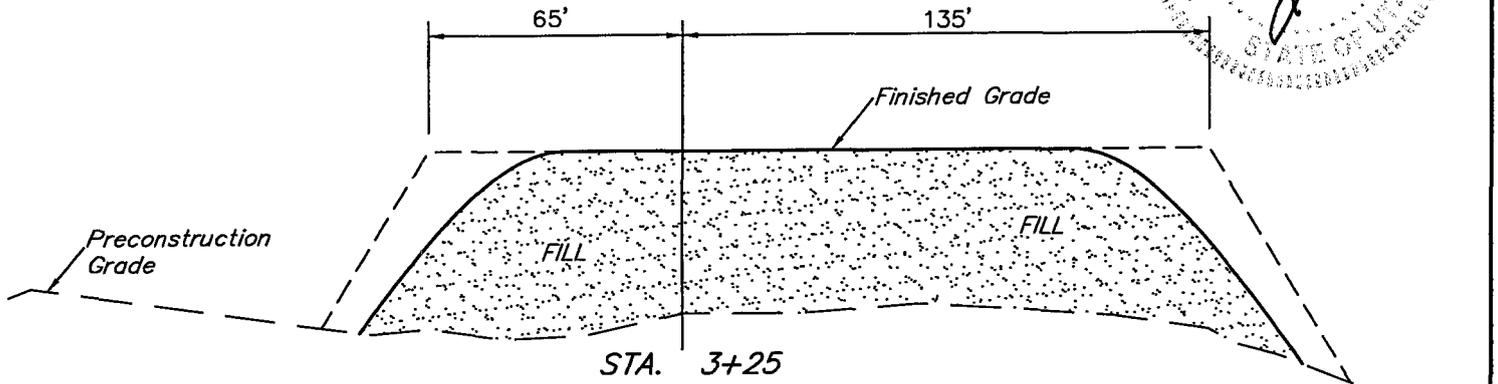
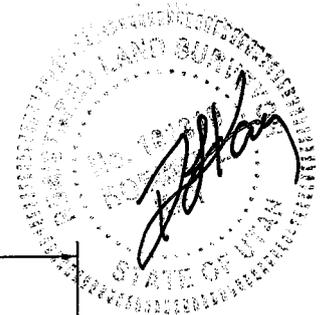
NBU #438-19E

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

661' FNL 1941' FEL



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



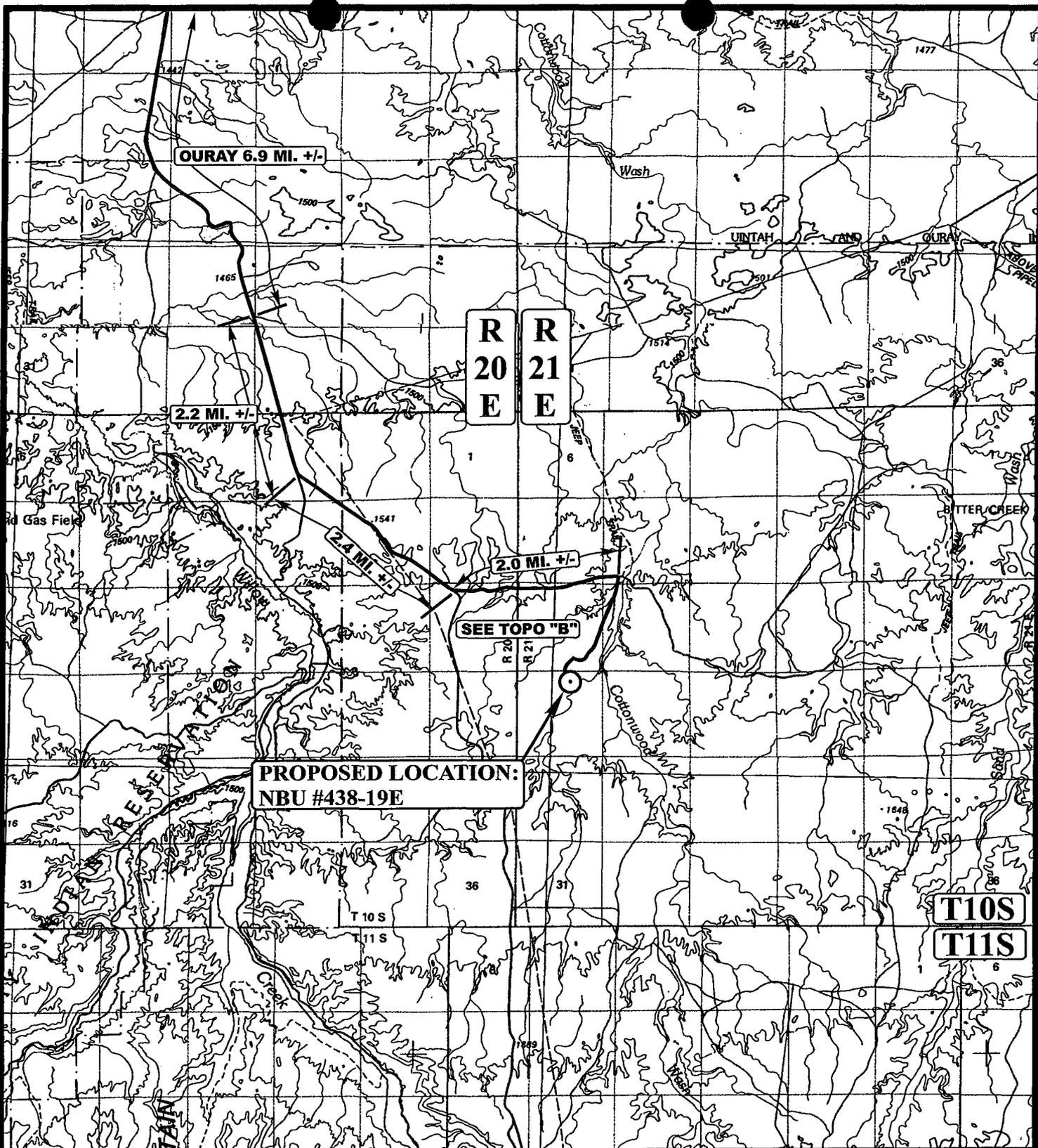
* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,850 Cu. Yds.
Remaining Location	= 15,900 Cu. Yds.
TOTAL CUT	= 17,750 CU.YDS.
FILL	= 14,240 CU.YDS.

EXCESS MATERIAL	= 3,510 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,510 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



LEGEND:
 ○ PROPOSED LOCATION

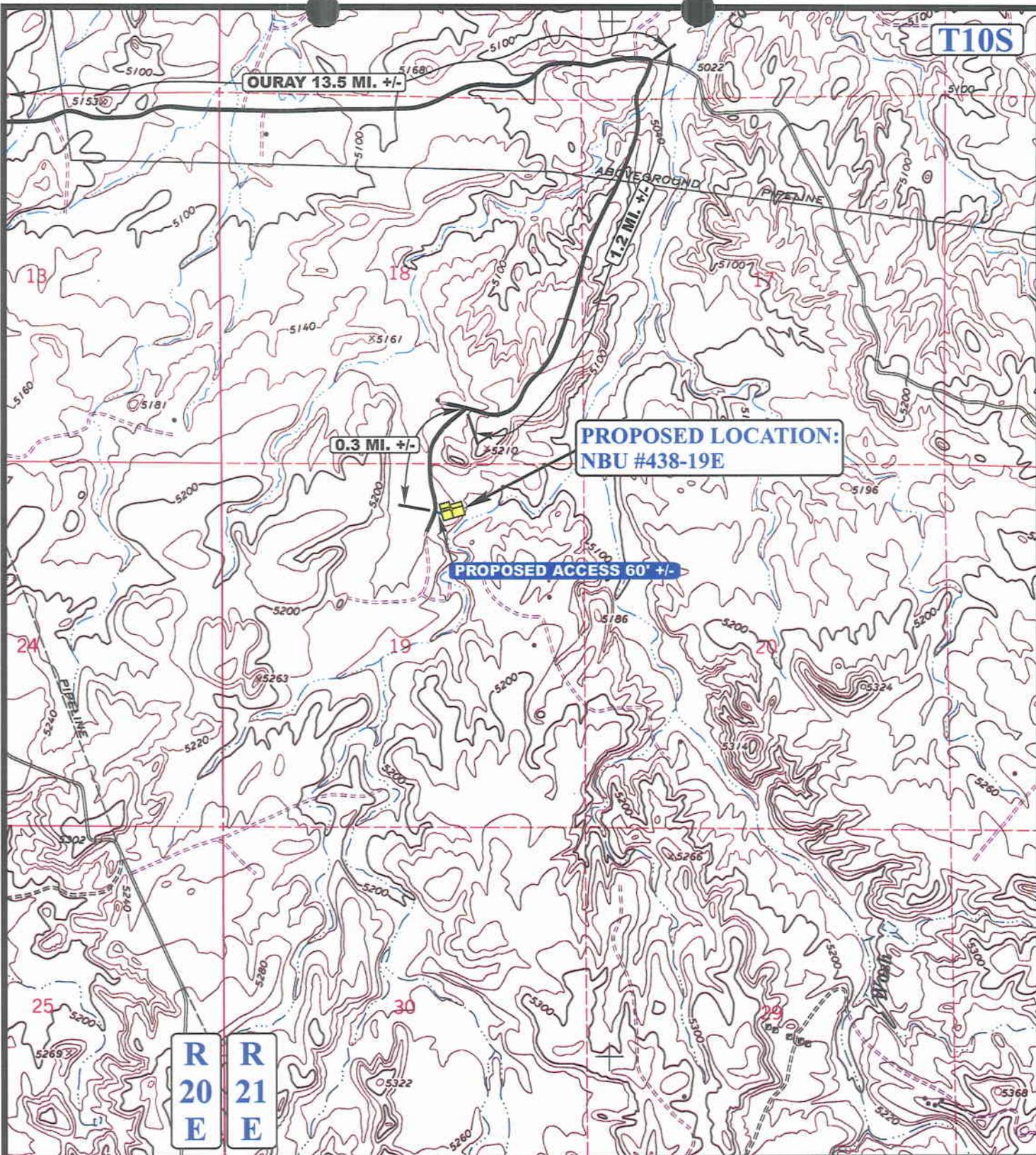


EOG RESOURCES, INC.
 NBU #438-19E
 SECTION 19, T10S, R21E, S.L.B.&M.
 661' FNL 1941' FEL

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

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





LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



EOG RESOURCES, INC.

NBU #438-19E
SECTION 19, T10S, R21E, S.L.B.&M.
661' FNL 1941' FEL



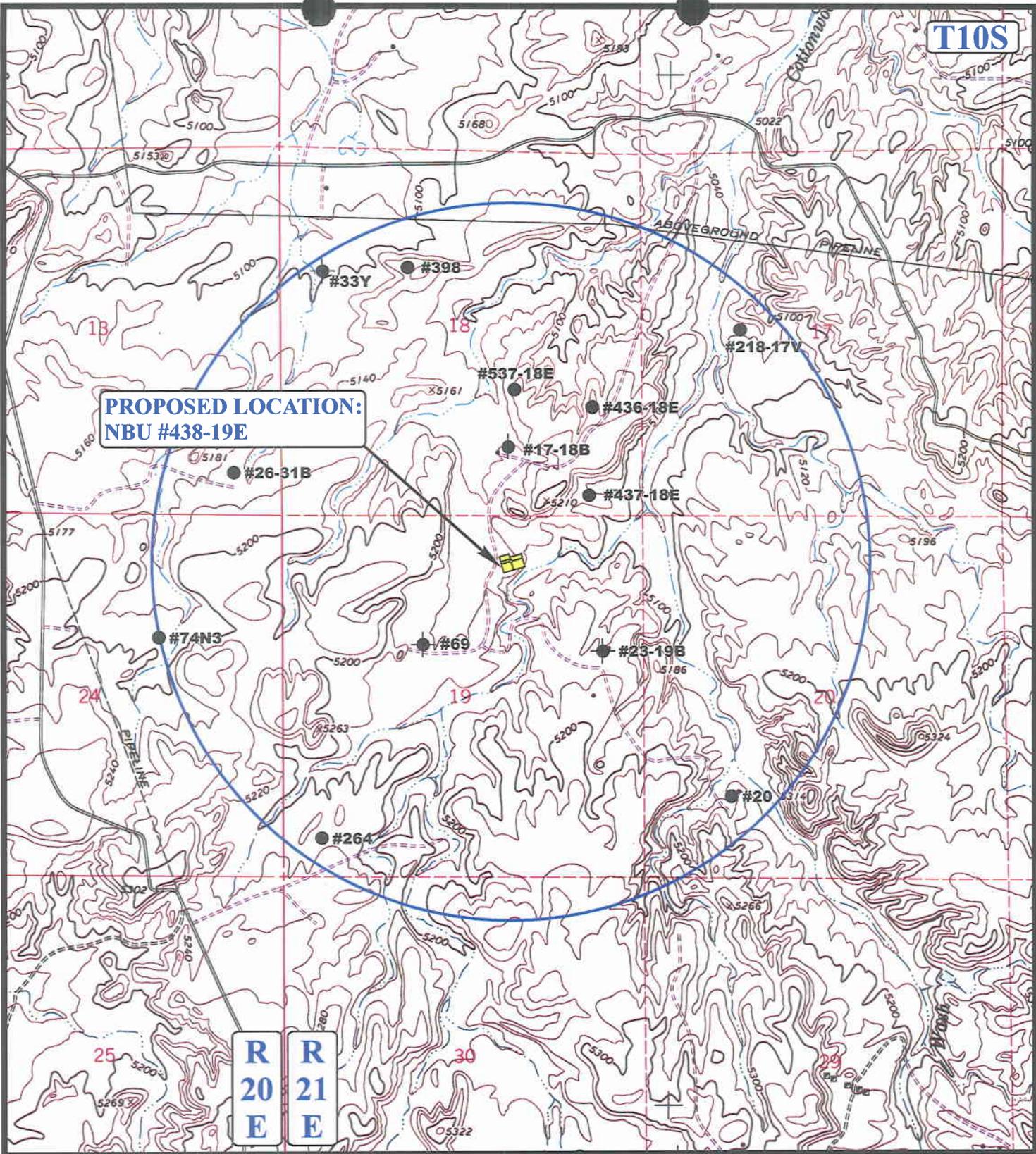
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 17 05
 MONTH DAY YEAR

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





LEGEND:

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

EOG RESOURCES, INC.

NBU #438-19E
SECTION 19, T10S, R21E, S.L.B.&M.
661' FNL 1941' FEL



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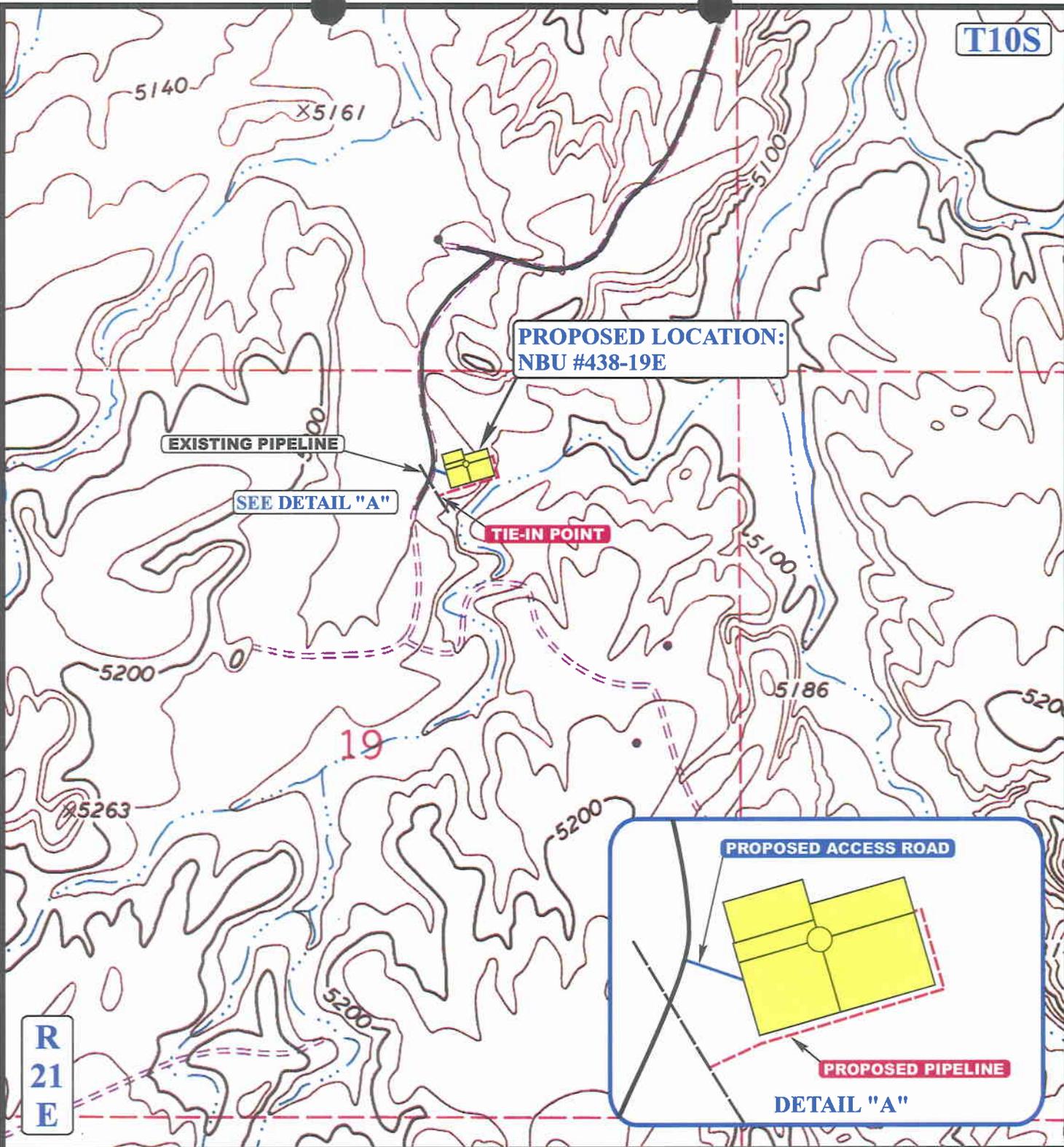
TOPOGRAPHIC
MAP

11 17 05
 MONTH DAY YEAR

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



T10S



APPROXIMATE TOTAL PIPELINE DISTANCE = 640' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



EOG RESOURCES, INC.

NBU #438-19E
 SECTION 19, T10S, R21E, S.L.B.&M.
 661' FNL 1941' FEL



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

TOPOGRAPHIC MAP 11 17 05
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: S.L. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/20/2005

API NO. ASSIGNED: 43-047-37534

WELL NAME: NBU 438-19E
 OPERATOR: EOG RESOURCES INC (N9550)
 CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NWNE 19 100S 210E
 SURFACE: 0661 FNL 1941 FEL
 BOTTOM: 0661 FNL 1941 FEL
 UINTAH
 NATURAL BUTTES (630)

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

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-22792
 SURFACE OWNER: 3 - State
 PROPOSED FORMATION: NHORN
 COALBED METHANE WELL? NO

LATITUDE: 39.93867
 LONGITUDE: -109.5915

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6191607)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-1501)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ____ R649-2-3.
- Unit NATURAL BUTTES
- ____ 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: 12-2-99
Siting: 460' fr u bdrsg & uncomm Fract
- ____ R649-3-11. Directional Drill

COMMENTS: Needs Permit (01-05-06)

STIPULATIONS: 1- OIL SHALE
2- STATEMENT OF BASIS
3- Surface Csg Cont Step
4- Cont step # 3 (4 1/2" prod. string, 300' mvd)



NATURAL BUTTES FIELD
NATURAL BUTTES UNIT
 CAUSE: 173-14 / 12-2-1999

LITTLE CANYON UNIT

OPERATOR: EOG RESOURCES INC (N9550)

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

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

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

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

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



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

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

OPERATOR: EOG RESOURCES INC.
WELL NAME & NUMBER: Natural Buttes Unit 438-19E
API NUMBER: 43-047-37534
LOCATION: 1/4,1/4 NW/NE Sec: 19 TWP:10S RNG:21E 661 FNL 1941 FEL

Geology/Ground Water:

EOG proposes to set 500 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,600 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location.. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

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

Surface:

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

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

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

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

Conditions of Approval/Application for Permit to Drill:

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

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

OPERATOR: EOG RESOURCES INC.

WELL NAME & NUMBER: Natural Buttes Unit 438-19E

API NUMBER: 43-047-37534

LEASE: STATE ML-22792 **FIELD/UNIT:** NATURAL BUTTES UNIT

LOCATION: 1/4, 1/4 NW/NE **Sec:** 19 **TWP:** 10S **RNG:** 21E 661 **FNL** 1941 **FEL**

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

GPS COORD (UTM): X =620345; Y =4421690 **SURFACE OWNER:** STATE OF UTAH (SITLA)

PARTICIPANTS

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

REGIONAL/LOCAL SETTING & TOPOGRAPHY

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

This location is approximately 15 miles southeast of Ouray, Ut. and is accessed by the Seep Ridge Road to the Uintah County Cottonwood Wash road then by oil field development roads to within 60 feet of the site.

The proposed location is on the edge of a bench leading into Cottonwood Wash. This bench slopes off abruptly on the northeast side of the location. It is located between an existing oil field access road and Cottonwood Wash. No drainage problems exist.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: Construction of a well pad 325' by 200' plus a reserve pit 147' by 75' by 12 feet deep. Topsoil and reserve pit stockpiles are outside of the disturbed area. Access road is 60 feet in length.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline is 640 feet in length and will be laid on the surface overland to an existing pipeline.

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

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

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

WASTE MANAGEMENT PLAN:

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

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

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

SOIL TYPE AND CHARACTERISTICS: Deep light brown gravelly sandy loam. Few surface rocks. Exposed sandstone exist on the northeast corner of the location.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems. A diversion ditch will be constructed to divert a small drainage around the southwest side of the location.

PALEONTOLOGICAL POTENTIAL: Survey completed 12-1-2005 by IPC

RESERVE PIT

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

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

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: **AS PER SITLA.**

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by MOAC 12-11-2005. Copy furnished to SILA.

OTHER OBSERVATIONS/COMMENTS

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

ATTACHMENTS

Photos of this site were taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

01-05-2006 10:00 AM
DATE/TIME

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

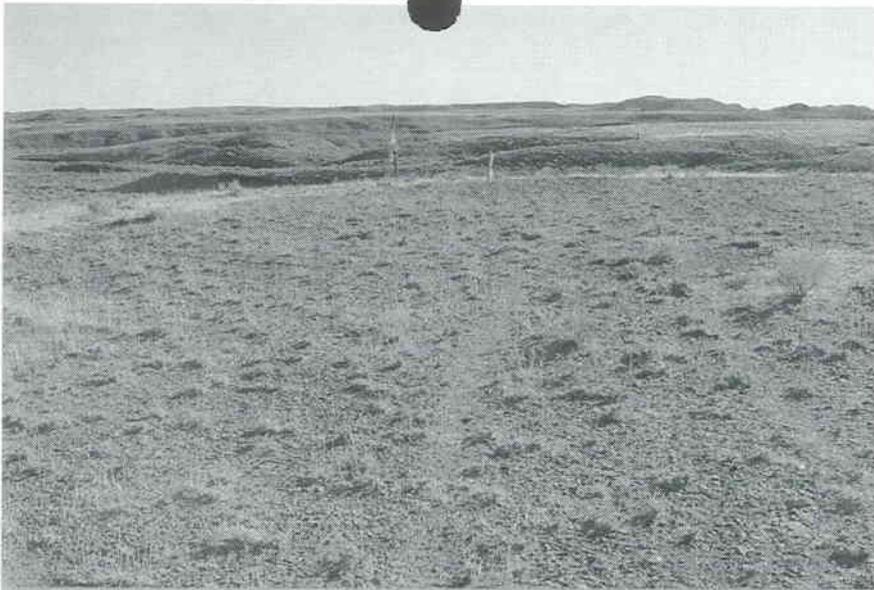
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest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

Final Score 25 (Level II Sensitivity)

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

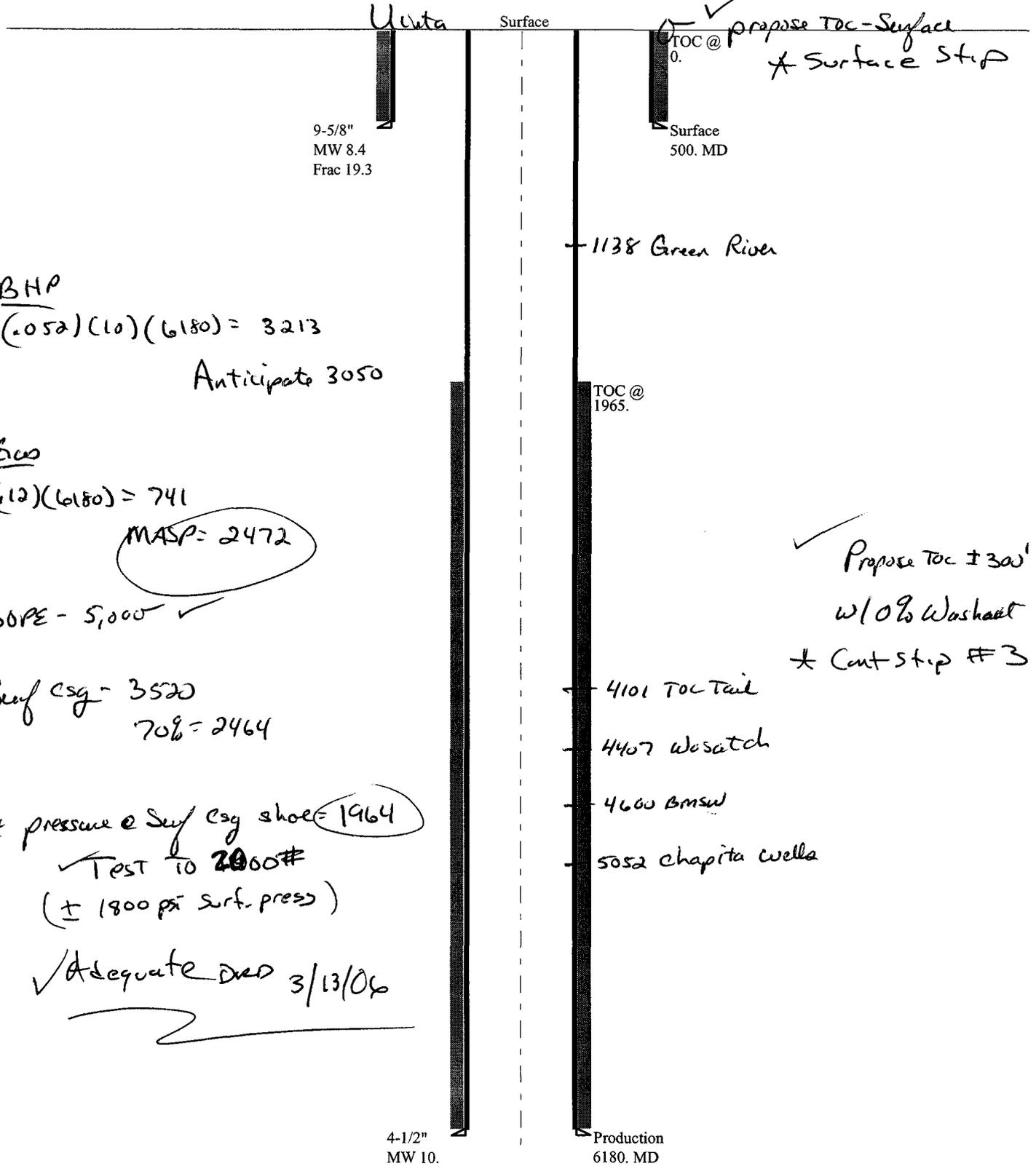
Sensitivity Level II = 15-19; lining is discretionary.

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





Casing Schematic



BHP
 $(.052)(10)(6180) = 3213$
 Anticipate 3050

Gas
 $(.12)(6180) = 741$
 MASP = 2472

BOPE - 5,000 ✓

Surf csq - 3520
 70% = 2464

Mat pressure @ Surf csq shoe = 1964
 ✓ Test to 2000#
 (± 1800 psi surf. press)

✓ Adequate DWD 3/13/06

✓ Propose TOC ± 300'
 w/ 0% Washcoat
 * Cont Stop #3

Well name:	03-06 EOG NBU 438-19E	
Operator:	EOG Resources	Project ID:
String type:	Surface	43-047-37534
Location:	Uintah County, Utah	

Design parameters:

Collapse

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

Burst

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

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 438 ft

Environment:

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

Cement top: 0 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,180 ft
 Next mud weight: 10.000 ppg
 Next setting BHP: 3,210 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 500 ft
 Injection pressure: 500 psi

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

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	218	2020	9.258	500	3520	7.04	16	394	25.00 J

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

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

Date: March 10, 2006
 Salt Lake City, Utah

Remarks:

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

Burst strength is not adjusted for tension.

Well name:	03-06 EOG NBU 438-19E	
Operator:	EOG Resources	Project ID:
String type:	Production	43-047-37534
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 10.000 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,469 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 3,210 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 5,256 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 162 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 1,965 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	6180	4.5	11.60	J-55	LT&C	6180	6180	3.875	143.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3210	4960	1.545	3210	5350	1.67	61	162	2.66 J

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

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

Date: March 10, 2006
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 6180 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

Delta Petroleum Corporation

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

EOG Resources, Inc

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

Gasco Production Company

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

QEP Uinta Basin, Inc

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

Westport Oil & Gas Company

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

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

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 22, 2006

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

Re: Natural Buttes Unit 438-19E Well, 661' FNL, 1941' FEL, NW NE, Sec. 19,
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37534.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: EOG Resources, Inc.
Well Name & Number Natural Buttes Unit 438-19E
API Number: 43-047-37534
Lease: ML-22792

Location: NW NE Sec. 19 T. 10 South R. 21 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

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

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

Page 2

43-047-37534

March 22, 2006

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Natural Buttes Unit 438-19E	
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-047-37534
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
PHONE NUMBER: (303) 824-5526		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 661' FNL & 1941' FEL 39.938622 LAT 109.592161 LON		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E 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: APD Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
EOG Resources, Inc. requests the APD for the referenced well be extended for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-26-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 2-28-07
Initials: RM

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A Maestas</u>	DATE <u>2/23/2007</u>

(This space for State use only)

RECEIVED
FEB 26 2007

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

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

API: 43-047-37534
Well Name: Natural Buttes Unit 438-19E
Location: 661 FNL 1941 FEL (NWNE) SECTION 19, T10S, R21E, S.L.B.&M.
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 3/22/2006

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

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

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

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

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

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

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

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

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

Mary A. Maize
Signature

2/23/2007
Date

Title: REGULATORY ASSISTANT

Representing: EOG RESOURCES, INC.

RECEIVED

FEB 26 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

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

EOG Resources, Inc. requests authorization to change the surface casing depth for the referenced well,

FROM: 500'

TO: 2300'

A revised drilling plan is attached.

COPY SENT TO OPERATOR
Date: 8/31/07
Initials: CM

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u><i>Carrie MacDonald</i></u>	DATE <u>7/30/2007</u>

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
(See Instructions on Reverse Side)

RECEIVED
AUG 01 2007

(5/2000)

DATE: 8/30/07
BY: *[Signature]*
** Surface Csg shall be cemented from TD back to surface*

DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,138		Shale	
Wasatch	4,407	Primary	Sandstone	Gas
Chapita Wells	5,052	Primary	Sandstone	Gas
Buck Canyon	5,762	Primary	Sandstone	Gas
North Horn	6,282		Sandstone	Gas
TD	6,150			

Estimated TD: 6,180' or 200'± below Price River top **Anticipated BHP: 3,375 Psig**

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

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig
 BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 ⅝"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 2,300' KB±	9-⅝"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-⅝" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

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

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 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 438-19E
NW/NE, SEC. 19, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.
Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 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: 120 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: 395 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13
(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at
14.1 ppg, 1.28 ft³/sk., 5.9 gps water.

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

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

EIGHT POINT PLAN

NATURAL BUTTES UNIT 438-19E
NW/NE, SEC. 19, T10S, R21E, 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

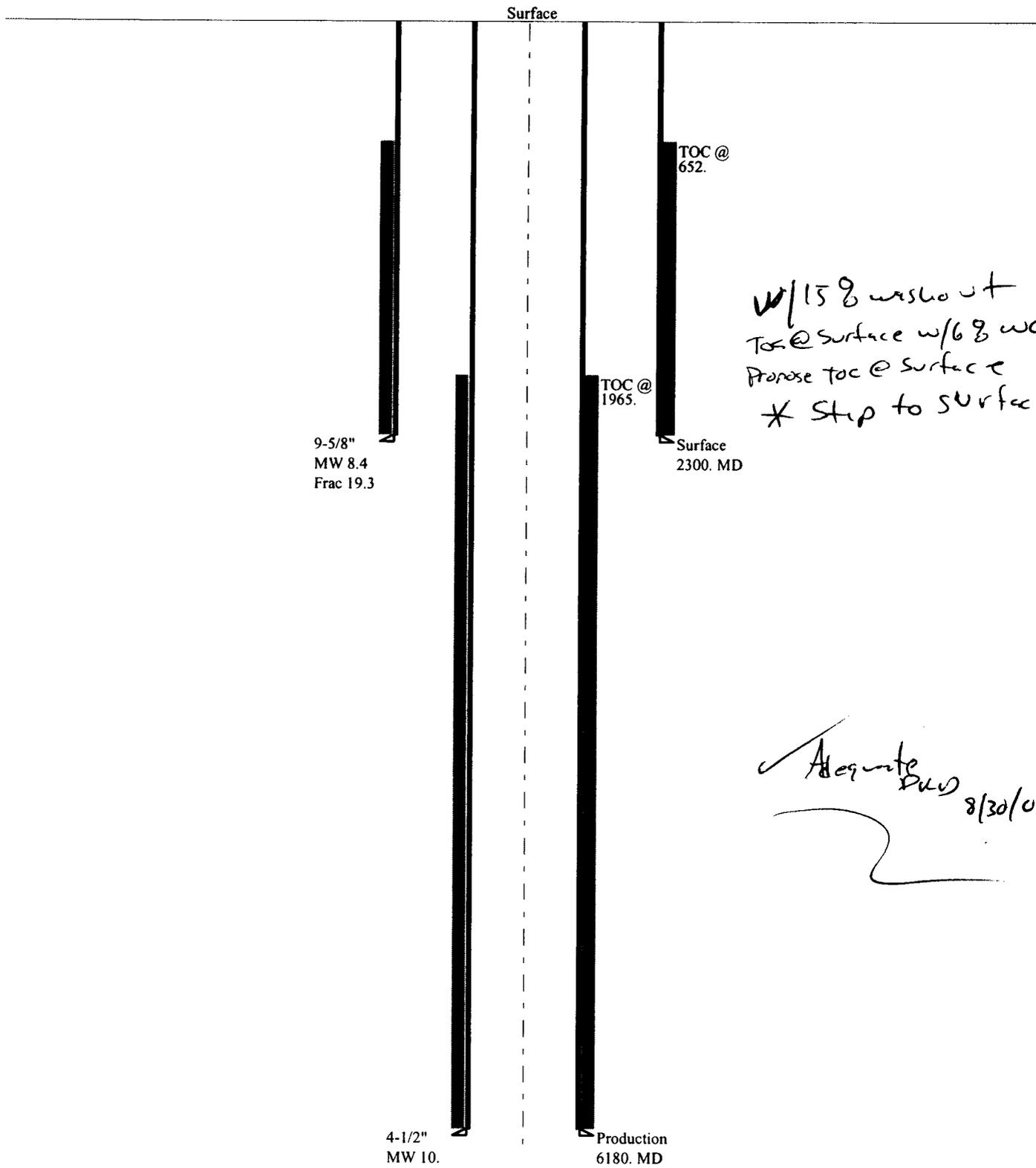
12. HAZARDOUS CHEMICALS:

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)

03-06 EOG NBU 438-19E

Casing Schematic



Well name:	03-06 EOG NBU 438-19E	
Operator:	EOG Resources	Project ID:
String type:	Surface	43-047-37534
Location:	Uintah County, Utah	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 107 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft
 Cement top: 652 ft

Burst

Max anticipated surface pressure: 2,024 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 2,300 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 2,014 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,180 ft
 Next mud weight: 10.000 ppg
 Next setting BHP: 3,210 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,300 ft
 Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	9.625	36.00	J-55	ST&C	2300	2300	8.796	998.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1004	2020	2.013 ✓	2300	3520	1.53 ✓	73	394	5.43 J ✓

Prepared by: Clinton Dworshak
 Div of Oil, Gas & Minerals

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

Date: August 30, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: NBU 438-19E

Api No: 43-047-37534 Lease Type: STATE

Section 19 Township 10S Range 21E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # RATHOLE

SPUDDED:

Date 08/31/07

Time 2:30 PM

How DRY

Drilling will Commence: _____

Reported by JERRY BARNES

Telephone # (435) 828-1720

Date 08/31/07 Signed CHD

ENTITY ACTION FORM

Operator: EOG RESOURCES, INC.
Address: 600 17th Street
city Denver
state CO zip 80202

Operator Account Number: N 9550
Phone Number: (303) 262-2812

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37534	NATURAL BUTTES UNIT 438-19E		NWNE	19	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	99999	<i>2400</i>	8/31/2007		<i>9/25/07</i>		
Comments: <i>NHORN = WSTC = WS MVD</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38044	NORTH CHAPITA 333-34		NESE	34	8S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	99999	<i>16339</i>	9/1/2007		<i>9/25/07</i>		
Comments: <i>PRRV = MVRD</i>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38063	CHAPITA WELLS UNIT 1234-20		SESE	20	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	99999	<i>16340</i>	9/1/2007		<i>9/25/07</i>		
Comments: <i>PRRV = MVRD</i>							

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

9/7/2007

Date

RECEIVED

SEP 12 2007

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

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The referenced well spud on 8/31/2007.

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE	DATE <u>9/7/2007</u>

(This space for State use only)

RECEIVED
SEP 12 2007
DIV. OF OIL, GAS & MINING

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DIVISION OF OIL, GAS AND MINING

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Natural Buttes Unit 438-19E
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-047-37534
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 262-2812	10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
4. LOCATION OF WELL FOOTAGES AT SURFACE: 661' FNL & 1,941' FEL 39.938622 LAT 109.592161 LON		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S.L.B. & M.		STATE: UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE	DATE <u>9/7/2007</u>

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RECEIVED
SEP 12 2007
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		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 438-19E
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		9. API NUMBER: 43-047-37534
4. LOCATION OF WELL FOOTAGES AT SURFACE: 661' FNL & 1,941' FEL 39.938622 LAT 109.592161 LON QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S.L.B. & M.		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
		COUNTY: Uintah STATE: UTAH

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

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

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

No further activity has been performed on the subject well since surface casing was set on 9/27/2007.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>2/14/2008</u>

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RECEIVED
FEB 15 2008
DIV. OF OIL, GAS & MINING

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: 02/14/2008

Well: API Number: Drilling Commenced:

See Attachment

43 047 37534
NBU 438-19E
10S 21E 19

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

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

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

cc: Well File
Compliance File

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		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 438-19E
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		9. API NUMBER: 43-047-37534
4. LOCATION OF WELL FOOTAGES AT SURFACE: 661' FNL & 1,941' FEL 39.938622 LAT 109.592161 LON COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S.L.B. & M. STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

TD for the subject well was reached on 3/4/2008. Pending further evaluation, completion operations will begin in the first quarter of 2008.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>3/11/2008</u>

(This space for State use only)

RECEIVED
MAR 12 2008
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

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5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22792		
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit
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2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-047-37534
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
		PHONE NUMBER: (303) 824-5526
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 661' FNL & 1,941' FEL 39.938622 LAT 109.592161 LON		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S.L.B. & M.		STATE: UTAH

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<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" 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 checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The referenced well was turned to sales on 4/1/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u><i>Mary A. Maestas</i></u>	DATE <u>4/4/2008</u>

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RECEIVED
APR 07 2008
DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 04-04-2008

Well Name	NBU 438-19E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API #	43-047-37534	Well Class	1SA
County, State	UINTAH, UT	Spud Date	02-29-2008	Class Date	04-01-2008
Tax Credit	N	TVD / MD	6,368/ 6,368	Property #	058065
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/ 0
KB / GL Elev	5,156/ 5,143				
Location	Section 19, T10S, R21E, NWNE, 661 FNL & 1941 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	66.667	NRI %	49.395

AFE No	303797	AFE Total	1,220,900	DHC / CWC	647,700/ 573,200		
Rig Contr	ELENBURG	Rig Name	ELENBURG #28	Start Date	01-17-2006	Release Date	03-05-2008
Rig Contr	ELENBURG	Rig Name	ELENBURG #28	Start Date	01-17-2006	Release Date	

01-17-2006 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
			661' FNL & 1941' FEL (NW/NE)
			SECTION 19, T10S, R21E
			UINTAH COUNTY, UTAH
			LAT 39.938622, LONG 109.592161 (NAD 83)
			LAT 39.938658, LONG 109.591472 (NAD 27)
			RIG: ELENBURG #28
			OBJECTIVE: 6180' TD, BUCK CANYON
			DW/GAS
			NATURAL BUTTES PROSPECT
			DD&A: NATURAL BUTTES
			NATURAL BUTTES FEILD
			LEASE: ML-22792
			ELEVATION: 5150.5' NAT GL, 5142.6' PREP GL,(DUE TO ROUNDING THE PREP GL WILL BE 5143') 5156' KB (13')
			EOG WI 66.666667%, NRI 49.394976%

08-03-2007 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 : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION STARTED.

08-06-2007 Reported By TERRY CSERE

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

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

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

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 ROCKED OUT. DRILLING.

08-07-2007 Reported By TERRY CSERE

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

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

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

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 ROCKED OUT. DRILLING.

08-08-2007 Reported By TERRY CSERE

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

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

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

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 PUSHING OUT LOCATION.

08-09-2007 Reported By TERRY CSERE

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

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

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

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 ROCKED OUT.

08-17-2007	Reported By	BRYON TOLMAN									
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000						
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						
Activity at Report Time: BUILD LOCATION											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	PUSHING OUT PIT.								

08-20-2007	Reported By	BRYON TOLMAN									
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000						
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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. DRILLING.								

08-21-2007	Reported By	BRYON TOLMAN									
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000						
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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	SHOOTING WEDNESDAY.								

08-22-2007	Reported By	BRYON TOLMAN									
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000						
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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	SHOOTING THURSDAY.								

08-23-2007	Reported By	TERRY CSERE									
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000						
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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	SHOOTING TODAY.								

08-31-2007 Reported By TERRY CSERE

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

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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	READY WHEN THE LINER ARRIVES.

09-04-2007 Reported By TERRY CSERE

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

MD	40	TVD	40	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/WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	READY TO LINE WHEN LINER ARRIVES. ROCKY MOUNTAIN DRILLING SPUD A 20" HOLE ON 8/31/2007 @ 2:30 PM. SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 8/31/2007 @ 1:30 PM.

09-05-2007 Reported By TERRY CSERE

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

MD	40	TVD	40	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	LINE PIT TODAY.

09-06-2007 Reported By TERRY CSERE

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

MD	40	TVD	40	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 COMPLETE.

09-28-2007 Reported By JERRY BARNES

Daily Costs: Drilling	\$194,094	Completion	\$0	Daily Total	\$194,094
Cum Costs: Drilling	\$232,094	Completion	\$0	Well Total	\$232,094

MD	2,440	TVD	2,440	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 MIRU CRAIG'S AIR RIG # 3 ON 9/6/2007. DRILLED 12-1/4" HOLE TO 2460' GL. ENCOUNTERED NO WATER. RAN 57 JTS (2427.70') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2440' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 180 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (150 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/ SX GR-3, 3% SALT & 1/4 #/ SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/184.3 BBLS FRESH WATER. BUMPED PLUG W/1000# @ 12:35 AM, 9/9/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 20 BBLS INTO LEAD CEMENT. CIRCULATED 18 BBLS LEAD CEMENT TO PIT. CEMENT FELL BACK WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 75 SX (15 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 4 BBLS LEAD CEMENT TO PIT. CEMENT FELL BACK AT SURFACE WHEN PUMPING STOPPED. WOC 1 HR 40 MINUTES.

TOP JOB # 2: MIXED & PUMPED 150 SX (31 BBLS) OF PREMIUM CEMENT W/4% CACL2 & 1/4# SX FLOCELE. MIXED CEMENT TO 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

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

NO SURVEY AT THIS TIME.

LESTER FARNSWORTH NOTIFIED ROOSEVELT & SALT LAKE OFFICES W/UDOGM OF THE SURFACE CASING & CEMENT JOB ON 9/7/2007 @ 12:45 PM.

02-28-2008		Reported By	DAVID FOREMAN								
Daily Costs: Drilling	\$2,362		Completion	\$0		Daily Total	\$2,362				
Cum Costs: Drilling	\$234,456		Completion	\$0		Well Total	\$234,456				
MD	2,440	TVD	2,440	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0			Perf :		PKR Depth : 0.0				
Activity at Report Time: RIG DOWN											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	RIG DOWN PREPAIR F/ TRUCKS, WESTROC TRUCKING TO BE ON LOCATION @ 07:00 2-28-08 FOR RIG MOVE TO NBU 438-19E 5.6 MILES. BOILER,20 HRS. ACCIDENTS NONE REPORTED SAFETY MEETING: PPE, RIGGING DOWN CREWS FULL FUEL ON HAND: 2800 GALS. USED: 200,GALS.,								

02-29-2008		Reported By	DAVID FOREMAN							
Daily Costs: Drilling	\$12,849		Completion	\$0		Daily Total	\$12,849			
Cum Costs: Drilling	\$247,305		Completion	\$0		Well Total	\$247,305			

MD 2,440 TVD 2,440 Progress 0 Days 0 MW 0.0 Visc 0.0
 Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: TEST BOP

Start	End	Hrs	Activity Description
06:00	07:00	1.0	R/D W.O. TRUCKS, & SAFETY MEETING W/ WESTROC TRUCKING & RIG CREW. *****NOTIFIED STATE OF UTAH, NROGM, 2-28-08 @ 08:00 F/ BOP TEST*****
07:00	12:00	5.0	RIG DOWN & MOVE F/ NBU 555-18E TO NBU 438-19E CLEAR LOCATION.
12:00	18:00	6.0	SPOT SUB,MUD PITS,PUMPS,SET & RIG UP GROUND SUPPORT,TRUCKS OFF LOCATION.
18:00	20:00	2.0	CONT. RIG UP,AIR,FUEL,WATER,ELECTRIC,PUMPS,SET BOP & TEST DRILLING SPOOL ADAPTER TO 5000 PSI. LOCK DOWN DOT DRILLING SPOOL W/BOP STACK,INSTALL LOCK OUT RING W/FMC.
20:00	04:00	8.0	NIPPLE UP BOP,ALL VALVES,CHOCK & KILL LINES,ROT. HEAD. ***** RIG ON DAY WORK @ 20:00 2-28-08*****
04:00	06:00	2.0	RIG UP B&C QUICK TEST,START BOP TEST & NIPPLE UP FLAIR LINES. BOILER,12 HRS. ACCIDENTS NONE REPORTED SAFETY MEETING: WORKING W/ TRUCKS & RIGGING UP IN MUD. CREWS FULL FUEL ON HAND: 2500 GALS. USED: 300,GALS.

03-01-2008 Reported By DAVID FOREMAN

Daily Costs: Drilling \$109,600 Completion \$0 Daily Total \$109,600
 Cum Costs: Drilling \$356,905 Completion \$0 Well Total \$356,905

MD 3,037 TVD 3,037 Progress 577 Days 1 MW 8.5 Visc 28.0
 Formation : PBTID : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 3037'

Start	End	Hrs	Activity Description
06:00	10:00	4.0	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 RAY MINER, B&C QUICK TEST,
10:00	11:00	1.0	SET WEAR BUSHING.
11:00	17:00	6.0	P/U BHA & DRILL PIPE TAG, @ 2350'.
17:00	17:30	0.5	CIRC. FLOW CHECK,PRE JOB SPUD MEETING,
17:30	19:00	1.5	DRILL CEMENT/FLOAT EQUIP. F/ 2350' TO 2460' + 5' FORMATION.SHOE @ 2440'
19:00	20:00	1.0	CIRC. CLEAN SPOT HI VIS PILL, & F.I.T. PRESS. 310,MUD WT. 8.5,@ 2465' EMW,= 10.9 GOOD TEST.
20:00	06:00	10.0	DRILLING & SURVEY F/ 2465' TO 3037',572',ROP,57.2,WOB,10/14,RPM,40/45, MUD LOSS LAST 24 HRS. 0 BBLs. BOILER,24 HRS. MUD WT.9.3 VIS.33, ROT,88, P/U,91, S/O,85, BOP DRILL 1 ACCIDENTS NONE REPORTED FUNCTION CROWN-O-MATIC, & TEST SAFETY MEETING: HAND SIGNALS, LADDER SAFETY CREWS FULL FUEL ON HAND: 5882, GALS. USED: 1986,GALS. REC. 4500, GALS.

FORMATION TOP: GREEN RIVER
 GAS BG.10 U, CONN. 70 U,
 LITHOLOGY, SAND/ SHALE,
 MUD LOGGER UNMANED ON LOCATION 2-29-08. 1 DAY

06:00 18.0 SPUD 7 7/8" HOLE @ 20:00 HRS, 2-29-08.

03-02-2008	Reported By	DAVID FOREMAN									
Daily Costs: Drilling	\$31,512	Completion	\$0	Daily Total	\$31,512						
Cum Costs: Drilling	\$388,417	Completion	\$0	Well Total	\$388,417						
MD	4,940	TVD	4,940	Progress	1,903	Days	2	MW	9.5	Visc	30.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: DRILLING @ 4940'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILLING & SURVEY F/ 3037' TO 3581',544',ROP,77.7',WOB,14/18,RPM,45/55
13:00	13:30	0.5	SERVICE RIG
13:30	06:00	16.5	DRILLING & SURVEY F/ 3581' TO 4942',1361',ROP,82.4,WOB,14/18,RPM,55/60. MUD LOSS LAST 24 HRS. 0 BBLs. BOILER,24 HRS. MUD WT:9.8 VIS.32, ROT,122, P/U,130, S/O,118 ACCIDENTS NONE REPORTED FUNCTION CROWN-O-MATIC, SAFETY MEETING: WEATHER, PPE SAFETY CREWS FULL FUEL ON HAND: 3871, GALS. USED: 2011,GALS. FORMATION TOP: CHAPITA WELLS GAS BG.110 U, CONN. 135 U, LITHOLOGY, SAND/ SHALE, MUD LOGGER UNMANED ON LOCATION 2-29-08. 3 DAY

03-03-2008	Reported By	DAVID FOREMAN									
Daily Costs: Drilling	\$29,329	Completion	\$0	Daily Total	\$29,329						
Cum Costs: Drilling	\$417,746	Completion	\$0	Well Total	\$417,746						
MD	5,890	TVD	5,890	Progress	950	Days	3	MW	10.1	Visc	31.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: DRILLING @ 5890'

Start	End	Hrs	Activity Description
06:00	06:30	0.5	DRILLING & SURVEY F/ 4940' TO 4985',45',ROP,90',WOB,16/18,RPM,50/55.
06:30	07:30	1.0	W.O.PUMPS,CHG. SWAB # 1, WORKING ON PUMP # 2.
07:30	11:30	4.0	DRILLING F/ 4985' TO 5257',272',ROP,68',WOB,18/20,RPM,50/55.
11:30	12:00	0.5	SERVICE RIG
12:00	06:00	18.0	DRILLING F/ 5257' TO 5890',633',ROP,35.6',WOB,10/14,RPM,50/55, MUD LOSS LAST 24 HRS. 0 BBLs. BOILER,24 HRS.

MUD WT.10.3 VIS.33,
 ROT,131, P/U,133, S/O,126
 ACCIDENTS NONE REPORTED
 FUNCTION CROWN-O-MATIC,
 SAFETY MEETING:MAKEING CONN., LOCK OUT, TAG OUT
 CREWS FULL
 FUEL ON HAND: 2102, GALS. USED: 1769,GALS.
 FORMATION TOP: BUCK CANYON,
 GAS BG.30 U, CONN. 80 U,
 LITHOLOGY, SAND/ SHALE,
 MUD LOGGER UNMANED ON LOCATION 2-29-08. 4 DAY

03-04-2008	Reported By	DAVID FOREMAN/MATT WILLIAMS									
Daily Costs: Drilling	\$49,724	Completion	\$0	Daily Total	\$49,724						
Cum Costs: Drilling	\$467,471	Completion	\$0	Well Total	\$467,471						
MD	6,368	TVD	6,368	Progress	478	Days	4	MW	10.4	Visc	33.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						
Activity at Report Time: CIRCULATE FOR WIPER TRIP											

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILLING F/ 5890' TO 5981',91',ROP,13',WOB,18/20,RPM,45/55.
13:00	13:30	0.5	SERVICE RIG
13:30	05:00	15.5	DRILLING F/ 5981' TO 6368',387',ROP,24.9',WOB,20/22,RPM.40/45. REACHED TD @ 05:00 HRS, 3-4-08.
05:00	06:00	1.0	CIRC. F/ WIPER TRIP. MUD LOSS LAST 24 HRS. 0 BBLs. BOILER,24 HRS. MUD WT.10.3 VIS.34, ROT,139, P/U,142, S/O,132 ACCIDENTS NONE REPORTED FUNCTION CROWN-O-MATIC, SAFETY MEETING:PPE, WORKING W/ PRESS. CREWS FULL FUEL ON HAND: 3270, GALS. USED: 1832,GALS. REC. 3000, GALS. FORMATION TOP: NORTH HORN GAS BG.30 U, CONN. 80 U, LITHOLOGY, SAND/ SHALE, MUD LOGGER UNMANED ON LOCATION 2-29-08. 5 DAY

03-05-2008	Reported By	DAVID FOREMAN/MATT WILLIAMS									
Daily Costs: Drilling	\$31,470	Completion	\$800	Daily Total	\$32,270						
Cum Costs: Drilling	\$498,941	Completion	\$800	Well Total	\$499,741						
MD	6,368	TVD	6,368	Progress	0	Days	5	MW	10.4	Visc	35.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						
Activity at Report Time: RUNNING 4 1/2" CASING											

Start	End	Hrs	Activity Description
06:00	06:30	0.5	CIRC.F/ WIPER TRIP.
06:30	09:30	3.0	WIPER TRIP.
09:30	12:00	2.5	CIRCULATE CLEAN, BOTTOMS UP GAS 110 UNITS
12:00	20:30	8.5	SLUG PIPE, DROP SURVEY,LAY DOWN DRILL PIPE,REMOVE ROT. HEAD.
20:30	23:00	2.5	LAY DOWN BHA, RECOVER WEAR BUSHING.
23:00	01:00	2.0	RIG UP TO RUN CSG, SAFTEY MEETING WITH CREWS
01:00	06:00	5.0	RUN 4 1/2, N-80, 11.6#, LTC CASING TO 1813', 50 JTS. RUN AS FOLLOWS; FLOAT SHOE, 1 JT CSG, FLOAT COLLAR, AND 49 JTS CASING MUD LOSS LAST 24 HRS. 0 BBLs. BOILER,24 HRS. MUD WT.10.4 VIS.34, ROT,140, P/U,144, S/O,136 ACCIDENTS NONE REPORTED FUNCTION CROWN-O-MATIC, SAFETY MEETING: L/D DRILL PIPE, RUN CSG CREWS FULL FUEL ON HAND: 2836, GALS. USED: 1434,GALS. REC. 0, GALS. FORMATION TOP: NORTH HORN GAS BG.30 U, CONN. 80 U, LITHOLOGY, SAND/ SHALE, MUD LOGGER UNMANED ON LOCATION RELEASED 3/4/08

03-06-2008	Reported By	DAVID FOREMAN/MATT WILLIAMS									
Daily Costs: Drilling	\$26,231	Completion	\$95,489	Daily Total	\$121,720						
Cum Costs: Drilling	\$525,173	Completion	\$96,289	Well Total	\$621,462						
MD	6,368	TVD	6,368	Progress	0	Days	6	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0							

Activity at Report Time: RDRT/ WO COMPLETION

Start	End	Hrs	Activity Description
06:00	13:30	7.5	CONTINUE RUN 4 1/2, N-80, 11.6#, LTC CASING FROM 1813' TO 6191.47' PLUG BACK DEPTH, 153 TOTAL JTS, 1 MARKER JT, MARKER JT TOP AT 3993'.
13:30	15:30	2.0	MAKE UP HANGER, LAND DOT HANGER W/ 62,000, CIRC. RIG UP SCHLUMBERGER. JSA SAFETY MEETING W/ SCHLUMBERGER & RIG CREW.
15:30	17:00	1.5	RIG UP SCHLUMBERGER CEMENTING HEAD. & TEST LINES 5000 PSI,PUMPING 20 BBLs CHEM WASH & 20 BBLs WATER SPACER AHEAD OF LEAD.& CEMENT 6191.47' 4 1/2 N80 11.6# CSG. LEAD 210 SKS. G + ADDS MIX D020 12.%EXTENDER,D079 .1% EXTENDER,D112 0.250 % FLUID LOSS, D046.2%,ANTIFOAM,D044 5.% SALT,D130 .125LB/SK BLEND LOST CIRC, YIELD 3.91 FT3/SK, H20 24.953, GAL/SK @ 11.PPG., TAIL 596 SKS 50/50 POZ G + ADDS D020 2% EXTENDER,D046 .1% ANTIFOAM,D167 .2% FLUID LOSS,DO65 .2% DISPERSANT, YIELD 1.29 FT3/SK , H20 5.94 GAL/SK @ 14.1 PPG, SHUTDOWN WASH OUT PUMPS & LINES, DROP TOP PLUG, & DISP. TO FLOAT COLLER W/2GAL/1000 L064, FRESH WATER. W/ 97 BBLs. AVG. DISP. RATE 3.4 BPM, FULL RETURNS THROUGH OUT JOB. DROP PLUG @ 23:15 BUMPED PLUG @ 16:40 TO 2530 PSI.1235PSI. OVER LIFT PSI.@ 1295, HOLD PRESS.F/1 MINS. 1. BBL. BACK, FLOAT HELD.@ 1645. RIG DOWN SCLUMBERGER.
17:00	18:00	1.0	WAIT ON CEMENT, REMOVE CEMENT HEAD AND LANDING JOINT.

18:00 18:30 0.5 SEAT SEAL ACC. TEST TO 5000 PSI, UNLOCK BOP REMOVE LANDING JT. F/ SEAL ACC
 18:30 20:00 1.5 NIPPLE DOWN BOP & CLEAN PITS.
 MUD LOSS LAST 24 HRS. 0 BBLs.
 BOILER,24 HRS.
 MUD WT. VIS.
 ROT, P/U, , S/O,
 ACCIDENTS NONE REPORTED
 FUNCTION CROWN-O-MATIC,
 SAFETY MEETING: RUN CSG, CEMENT
 CREWS FULL
 FUEL ON HAND: 1013, GALS. USED: 1823,GALS. REC. 0, GALS.
 FORMATION TOP:
 GAS BG. ,CONN. ,
 LITHOLOGY, ,
 MUD LOGGER UNMANED ON LOCATION RELEASED 3/4/08

20:00 06:00 10.0 RIG RELEASED @ 20:00 HRS, 3/5/08
 CASING POINT COST \$525,173

03-11-2008		Reported By		SEARLE							
Daily Costs: Drilling		\$0		Completion		\$35,290		Daily Total		\$35,290	
Cum Costs: Drilling		\$525,173		Completion		\$131,579		Well Total		\$656,752	
MD	6,368	TVD	6,368	Progress	0	Days	7	MW	0.0	Visc	0.0
Formation :			PBTD : 6150.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: PREP FOR FRACS											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 880'. EST CEMENT TOP @ 1270'. RD SCHLUMBERGER.								

03-13-2008		Reported By		MCCURDY							
Daily Costs: Drilling		\$0		Completion		\$1,653		Daily Total		\$1,653	
Cum Costs: Drilling		\$525,173		Completion		\$133,232		Well Total		\$658,405	
MD	6,368	TVD	6,368	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation :			PBTD : 6150.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: WO COMPLETION											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.								

03-19-2008		Reported By		HISLOP							
Daily Costs: Drilling		\$0		Completion		\$150,931		Daily Total		\$150,931	
Cum Costs: Drilling		\$525,173		Completion		\$284,163		Well Total		\$809,336	

MD 6,368 TVD 6,368 Progress 0 Days 9 MW 0.0 Visc 0.0
 Formation : WASATCH PBTD : 6150.0 Perf : 4950' - 6075' PKR Depth : 0.0

Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU LONE WOLF WL. PERFORATED Ba FROM 5785'-86', 5809'-10', 5815'-16', 5819'-20', 5839'-40', 5871'-72', 5896'-97', 5922'-23', 5945'-46', 5976'-77', 6058'-59' & 6074'-75' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/3121 GAL WF120 LINEAR PAD, 7392 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 26967 GAL YF116ST+ W/95536# 20/40 SAND @ 2-4 PPG. MTP 5059 PSIG. MTR 41.0 BPM. ATP 3285 PSIG. ATR 37.5 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP @ 5690'. PERFORATED Ca FROM 5562'-65', 5609'-10', 5662'-66' & 5674'-78' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 3122 GAL WF120 LINEAR PAD, 6331 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 29171 GAL YF116ST+ W/100500# 20/40 SAND @ 2-4 PPG. MTP 6594 PSIG. MTR 41.1 BPM. ATP 3860 PSIG. ATR 31.5 BPM. ISIP 2240 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP @ 5355'. PERFORATED Ca FROM 5222'-32', 5317'-18' & 5331'-32' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/2072 GAL WF120 LINEAR PAD, 4232 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 21758 GAL YF116ST+ W/74700# 20/40 SAND @ 2-4 PPG. MTP 4884 PSIG. MTR 40.6 BPM. ATP 3367 PSIG. ATR 6.9 BPM. ISIP 2010 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP @ 5165'. PERFORATED Ca FROM 5059'-60', 5065'-66', 5070'-71', 5074'-75', 5091'-92', 5098'-5100', 5108'-09', 5130'031', 5134'-36' & 5144'-45' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/3121 GAL WF120 LINEAR PAD, 4230 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 37447 GAL YF116ST+ W/130800# 20/40 SAND @ 2-4 PPG. MTP 4148 PSIG. MTR 41.1 BPM. ATP 2975 PSIG. ATR 38.8 BPM. ISIP 2520 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP @ 5005'. PERFORATED Pp FROM 4950'-51', 4955'-58', 4961'-67' & 4973'-4975' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/2071 GAL WF120 LINEAR PAD, 4233 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 23098 GAL YF116ST+ W/76600# 20/40 SAND @ 2-4 PPG. MTP 4894 PSIG. MTR 41.0 BPM. ATP 3225 PSIG. ATR 37.8 BPM. ISIP 2375 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CBP AT 4840'. BLEED OFF PRESSURE. RDWL. SDFN.

03-20-2008		Reported By	HISLOP	
Daily Costs: Drilling	\$0	Completion	\$19,105	Daily Total \$19,105
Cum Costs: Drilling	\$525,173	Completion	\$303,268	Well Total \$828,441
MD 6,368 TVD 6,368 Progress 0 Days 10 MW 0.0 Visc 0.0				
Formation : WASATCH	PBTD : 6150.0	Perf : 4950' - 6075'		PKR Depth : 0.0

Activity at Report Time: CLEAN OUT AFTER FRAC

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRUSU. ND TREE. NU BOP RIH W/BIT & PUMP OFF SUB TO 2810'. SDFN.

03-21-2008		Reported By	HISLOP	
Daily Costs: Drilling	\$0	Completion	\$65,761	Daily Total \$65,761
Cum Costs: Drilling	\$525,173	Completion	\$369,029	Well Total \$894,202
MD 6,368 TVD 6,368 Progress 0 Days 11 MW 0.0 Visc 0.0				
Formation : WASATCH	PBTD : 6150.0	Perf : 4950' - 6075'		PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 SICP 0 PSIG. RIH TO CBP @ 4840'. CLEANED OUT & DRILLED OUT PLUGS @ 4840', 5005', 5165', 5355', & 5690'. RIH. CLEANED OUT TO PBTB @ 6150'. LANDED TUBING @ 6036' KB. ND BOP. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 17 HRS. 32/64" CHOKE. FTP 750 PSIG. CP 1350 PSIG. 74 BFPH. RECOVERED 1105 BLW. 3595 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF BIT SUB .91'
 1 JT 2-3/8" 4.7# J-55 TBG 31.58'
 XN NIPPLE 1.30'
 190 JTS 2-3/8" 4.7# J-55 TBG 5988.89'
 BELOW KB 13.00'
 LANDED @ 6035.68' KB

03-22-2008	Reported By	HISLOP									
Daily Costs: Drilling	\$0	Completion	\$3,686	Daily Total	\$3,686						
Cum Costs: Drilling	\$525,173	Completion	\$372,715	Well Total	\$897,888						
MD	6,368	TVD	6,368	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation : WASATCH		PBTB : 6150.0		Perf : 4950' - 6075'		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 1750 PSIG. 65 BFPH. RECOVERED 1356 BLW. 2191 BLWTR.								

03-23-2008	Reported By	HISLOP									
Daily Costs: Drilling	\$0	Completion	\$5,273	Daily Total	\$5,273						
Cum Costs: Drilling	\$525,173	Completion	\$377,988	Well Total	\$903,161						
MD	6,368	TVD	6,368	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : WASATCH		PBTB : 6150.0		Perf : 4950' - 6075'		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 900 PSIG. CP 1700 PSIG. 45 BFPH. RECOVERED 1178 BLW. 1061 BLWTR.								

03-24-2008	Reported By	HISLOP									
Daily Costs: Drilling	\$0	Completion	\$2,925	Daily Total	\$2,925						
Cum Costs: Drilling	\$525,173	Completion	\$380,913	Well Total	\$906,086						
MD	6,368	TVD	6,368	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : WASATCH		PBTB : 6150.0		Perf : 4950' - 6075'		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 875 PSIG. CP 1650 PSIG. 36 BFPH. RECOVERED 904 BLW. 43 BBLs OVER LOAD.								

03-25-2008	Reported By	HISLOP									
Daily Costs: Drilling	\$0	Completion	\$4,770	Daily Total	\$4,770						
Cum Costs: Drilling	\$525,173	Completion	\$385,683	Well Total	\$910,856						
MD	6,368	TVD	6,368	Progress	0	Days	15	MW	0.0	Visc	0.0

Formation : WASATCH PBTD : 6150.0 Perf : 4950' - 6075' PKR Depth : 0.0

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 32/64" CHOKE. FTP 875 PSIG. CP 1600 PSIG. 28 BFPH. RECOVERED 796 BLW. 839 BBLs OVER LOAD. SI. WO FACILITIES.

FINAL COMPLETION DATE 03/24/08.

04-03-2008 Reported By DUANE COOK

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$525,173	Completion	\$385,683	Well Total	\$910,856

MD	6,368	TVD	6,368	Progress	0	Days	16	MW	0.0	Visc	0.0
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Formation : WASATCH PBTD : 6150.0 Perf : 4950' - 6075' PKR Depth : 0.0

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FIRST GAS SALES: OPENING PRESSURE: TP 675 & CP 1775 PSI. TURNED WELL TO KERR-MAGEE METER # 985605 AT 10:30 AM, 04/01/08. FLOWED 210 MCFD RATE ON 14/64" POS CHOKE. STATIC 368.

04-04-2008 Reported By ALAN WATKINS

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$525,173	Completion	\$385,683	Well Total	\$910,856

MD	6,368	TVD	6,368	Progress	0	Days	17	MW	0.0	Visc	0.0
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Formation : WASATCH PBTD : 6150.0 Perf : 4950' - 6075' PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 446 MCF 0 BC & 240 BW IN 24 HRS ON 14/64" CHOKE, TP 1200 PSIG, CP 1700 PSIG.

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME Natural Buttes Unit	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Natural Buttes Unit 438-19E	
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-047-37534	
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80229		PHONE NUMBER: (303) 824-5526	
10 FIELD AND POOL, OR WILDCAT Natural Buttes/Wasatch		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 661' FNL & 1941' FEL 39.938622 LAT 109.592161 LON AT TOP PRODUCING INTERVAL REPORTED BELOW: Same AT TOTAL DEPTH: Same		12. COUNTY Uintah	
14. DATE SPUDDED: 8/31/2007		15. DATE T.D. REACHED: 3/4/2008	
16. DATE COMPLETED: 4/1/2008		17. ELEVATIONS (DF, RKB, RT, GL): 5151' NAT GL	
18. TOTAL DEPTH: MD 6,368 TVD _____		19. PLUG BACK T.D.: MD 6,150 TVD _____	
20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) RST/CBL/CCL/BLGR, Temp		23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4"	9-5/8 J-55	36.0	0	2,440		645			
7-7/8"	4-1/2 N-80	11.6	0	6,192		806			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6,036							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	4,950	6,075			5,785 6,075		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B) <i>Wsmvd</i>					5,562 5,678		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					5,222 5,332		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					5,059 5,145		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5785-6075	37,480 GALS GELLED WATER & 95,536# 20/40 SAND
5562-5678	38,624 GALS GELLED WATER & 100,500# 20/40 SAND
5222-5332	28,062 GALS GELLED WATER & 74,700# 20/40 SAND

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

Producing

RECEIVED
MAY 02 2008
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/1/2008		TEST DATE: 4/9/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 662	WATER - BBL: 160	PROD. METHOD:
CHOKE SIZE: 14/64"	TBG. PRESS. 1,200	CSG. PRESS. 1,700	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 662	WATER - BBL: 160	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch	4,950	6,075		Green River	1,276
				Mahogany	1,855
				Uteland Butte	4,277
				Wasatch	4,406
				Chapita Wells	4,998
				Buck Canyon	5,712

35. ADDITIONAL REMARKS (Include plugging procedure)

See attached page for additional information.

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

NAME (PLEASE PRINT) Mary A. Maestas TITLE Regulatory Assistant
 SIGNATURE *Mary A. Maestas* DATE 5/1/2008

This report must be submitted within 30 days of

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

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

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

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

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

Natural Buttes Unit 438-19E - ADDITIONAL REMARKS (CONTINUED):

27. PERFORATION RECORD

4950-4975	3/spf
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28. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

5059-5145	44,798 GALS GELLED WATER & 130,800# 20/40 SAND
4950-4975	29,402 GALS GELLED WATER & 76,600# 20/40 SAND

Perforated the Ba from 5785-86', 5809-10', 5815-16', 5819-20', 5839-40', 5871-72', 5896-97', 5922-23', 5945-46', 5976-77', 6058-59' & 6074-75' w/ 3 spf.

Perforated the Ca from 5562-65', 5609-10', 5662-66' & 5674-78' w/ 3 spf.

Perforated the Ca from 5222-32', 5317-18' & 5331-32' w/ 3 spf.

Perforated the Ca from 5059-60', 5065-66', 5070-71', 5074-75', 5091-92', 5098-5100', 5108-09', 5130-31', 5134-36' & 5144-45' w/ 3 spf.

Perforated the Pp from 4950-51', 4955-58', 4961-67' & 4973-75' w/ 3 spf.

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: NBU 438-19E

API number: 4304737534

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

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city VERNAL state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
NO WATER			

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

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

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

NAME (PLEASE PRINT) Mary A. Maestas
 SIGNATURE *Mary A. Maestas*

TITLE Regulatory Assistant
 DATE 5/1/2008

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)
 Operator Name Change

Designation of Agent/Operator
 Merger

The operator of the well(s) listed below has changed, effective: **4/1/2008**

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 438-19E	19	100S	210E	4304737534	2900	State	GW	P
NBU 439-19E	19	100S	210E	4304737535	2900	State	GW	P
NBU 563-19E	19	100S	210E	4304737537	2900	State	GW	P
NBU 554-28E	28	100S	220E	4304737686	2900	Federal	GW	P
NBU 553-28E	28	100S	220E	4304737687	2900	Federal	GW	P
NBU 566-17E	17	100S	210E	4304738375	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: 5/20/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/20/2008
- Bond information entered in RBDMS on: 5/20/2008
- Fee/State wells attached to bond in RBDMS on: 5/20/2008
- Injection Projects to new operator in RBDMS on: n/a

BOND VERIFICATION:

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

COMMENTS:

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			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 438-19E
3. ADDRESS OF OPERATOR: 1060 East Highway 40 Vernal UT 84078		PHONE NUMBER: (435) 781-9145	9. API NUMBER: 43-047-37534
4. LOCATION OF WELL FOOTAGES AT SURFACE: 661' FNL & 1,941' FEL 39.938622 LAT 109.592161 LON			COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 19 10S 21E S.L.B. & M.			STATE: UTAH

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

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

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

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 7/28/2008.

NAME (PLEASE PRINT) <u>Mickenzie Thacker</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u><i>Mickenzie Thacker</i></u>	DATE <u>2/4/2009</u>

(This space for State use only)

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

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

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

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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: ML-22792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		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 438-19E	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047375340000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 1941 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/27/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 04/27/2011.		
<p style="margin: 0;">Accepted by the</p> <p style="margin: 0;">Utah Division of</p> <p style="margin: 0;">Oil, Gas and Mining</p> <p style="margin: 0;">FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/3/2011	



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 14, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 9054

Ms. Julie Jacobson
Kerr McGee Oil and Gas
1099 18th St, Ste 1800
Denver CO 80202

43 047 37534
NBU 438-19E
10S 21E 19

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases**

Dear Ms. Jacobson:

As of January 2011, Kerr McGee Oil and Gas (Kerr McGee) has one (1) Fee Lease Well and sixteen (16) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This is the **SECOND NOTICE** of non-compliance that Kerr McGee has received for wells listed as such on Attachment A. In March and April 2009 via certified mail the first notices were sent requesting required information to bring wells into compliance. Kerr McGee sent response dated April 7, 2009, which listed future plans for the wells. The Division sent Kerr McGee a "request denied" (in regard to SI/TA extension status) dated April 28, 2009. This denial was sent due to lack of addressing the requirements per Rule R649-3-36. Second notices were sent via certified mail in July 2009. Additional correspondence from Kerr McGee was received and four (4) of the aforementioned wells (Attachment A) had been granted SI/TA extensions which have since expired. To date the Division has not received additional information nor seen any progress being made to move the wells out of non-compliance status.

This is also a **reissuance of a FIRST NOTICE** for wells listed as such on Attachment A as they previously had notices sent on October 1, 2008. It is also a First Notice for wells that have recently been added to Kerr McGee's non compliance list. Please submit the required information for extended SI/TA status within 30 days of this notice or further actions will be initiated.



Page 2
Kerr McGee Oil and Gas
April 14, 2011

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

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

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

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File
LaVonne Garrison, SITLA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	SI/TA Extension Expired On
Reissued 2ND NOTICE					
1	LOVE 1121-16F	43-047-36253	ML-46532	3 Years 2 Months	
2	NBU 1021-1G	43-047-39001	ML-23612	3 Years 2 Months	12/31/2010
3	NBU 1022-13I4S	43-047-39475	STUO-08512-ST	3 Years 2 Months	12/13/2010
4	NBU 3-2B	43-047-30267	ML-22651	3 Years 5 Months	
Reissued 1ST NOTICE					
5	BONANZA 1023-16J	43-047-37092	ML-22186-A	3 Years 10 Months	12/31/2010
6	NBU 921-34J	43-047-37953	STATE	3 Years 6 Months	9/01/2009
1ST NOTICE					
7	HALL ET AL 31 18	43-047-30664	FEE	2 Years 5 Months	
8	STATE 921-27L	43-047-32466	U-01194AST	2 Years 2 Months	
9	NBU 1022-16O	43-047-35945	ML-3276	2 Years 2 Months	
10	NBU 1022-16E	43-047-35949	ML-3276	1 Year 1 Month	
11	LOOKOUT POINT STATE 1-16	43-047-30544	ML-22186-A	1 Year 9 Months	
12	CIGE 79D	43-047-30896	ML-23612	1 Year 1 Month	
13	CIGE 240	43-047-33207	ML-22935	1 Year 9 Months	
14	OURAY 32-146	43-047-33623	ML-22052	1 Year 9 Months	
15	NBU 921-34L	43-047-36388	STUO-1194-AST	1 Year 9 Months	
16	NBU 921-33J	43-047-36394	STUO-015630-ST	1 Year 11 Months	
→ 17	NBU 438-19E	43-047-37534	ML-22792	1 Year	

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: ML-22792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		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 438-19E	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047375340000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 1941 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/2/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The operator requests to plug and abandon the subject well location. Attached is the plug and abandonment procedures.		
Approved by the Utah Division of Oil, Gas and Mining Date: 07/05/2011 By: <u>Derek Quist</u>		
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 6/2/2011	

Please Review Attached Conditions of Approval

RECEIVED Jun. 02, 2011



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047375340000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. AMEND PLUG #4: Do not perf @ 2290' (note CBL shows TOC @ 1260'). A 100' plug set inside the casing from 2490' to 2390' is adequate (\pm 8sx).**
 - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

6/28/2011

Wellbore Diagram

r263

API Well No: 43-047-37534-00-00 Permit No: Well Name/No: NBU 438-19E

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

Location: Sec: 19 T: 10S R: 21E Spot: NWNE

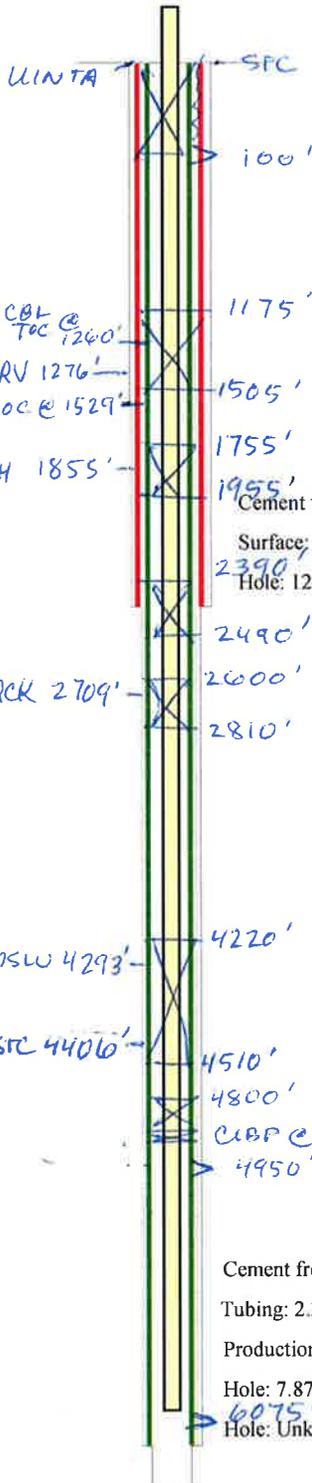
Coordinates: X: 620345 Y: 4421690

Field Name: NATURAL BUTTES

County Name: UINTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	2440	12.25		
SURF	2440	9.625	36	2440
HOL2	6192	7.875		
PROD	6192	4.5	11.6	6192
TI	6036	2.375		



Plug # 7 (step # 9)
 inside $100' / (1.15)(0.0872) = 8 \text{ SX}$
 out $100' / (1.15)(0.2977) = 26 \text{ SX}$
 $12 \frac{1}{4} \times 9 \frac{3}{8} \text{ in } 100' / (1.15)(0.851) = 42 \text{ SX}$

Plug # 6
 $330' / (1.15)(0.0872) = 25 \text{ SX}$
 TOC @ 1175' ✓ O.K.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6192	1260	UK	806
SURF	2440	1529	UK	645

Plug # 5
 $200' / (1.15)(0.0872) = 16 \text{ SX}$
 TOC @ 1755' ✓ O.K.

Cement from 2440 ft. to 1529 ft.

Surface: 9.625 in. @ 2440 ft.

Hole: 12.25 in. @ 2440 ft.

⊕ Amend Plug # 4 Perfs NOT NECESSARY
 Set plug 50' below shoe of 50' above shoe 2490' to 2390'
 $100' / (1.15)(0.0872) = 8 \text{ SX}$ ✓ O.K.
 TOC @ 2390'

Plug # 3
 $210' / (1.15)(0.0872) = 16 \text{ SX}$
 TOC @ 2900' ✓ O.K.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4950	6075			

Plug # 2
 $290' / (1.15)(0.0872) = 22 \text{ SX}$
 TOC @ 4220' ✓ O.K.

Plug # 1
 $100' / (1.15)(0.0872) = 8 \text{ SX}$
 TOC @ 4800' ✓ O.K.

Formation Information

Formation	Depth
UINTA	0
GRRV	1276
MHGBN	1855
PARCK	2709
BMSW	4293
WSTC	4950 4406

Cement from 6192 ft. to 1260 ft.

Tubing: 2.375 in. @ 6036 ft.

Production: 4.5 in. @ 6192 ft.

Hole: 7.875 in. @ 6192 ft.

Hole: Unknown

TD: 6368 TVD: 6368 PBD: 6150

Well Name: **NBU 438-19E**
 Surface Location: NWNE Sec. 19, T10S, R21E
 661' FNL & 1941' FEL
 Uintah County, UT

6/2/2011

API#: 4304737534
 LEASE#: ML-22792
 WINS#: 96149

ELEVATIONS: 5143' GL 5156' KB

TOTAL DEPTH: 6368' PBDT: 6150'

SURFACE CASING: 9 5/8", 36# J-55 @ 2440'

PRODUCTION CASING: 4 1/2", 11.6#, N-80 @ 6192'
 TOC @ ~1160 per CBL

PERFORATIONS: Wasatch 4950' - 6075'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

Formation	Depth to top, ft.	Tech. Pub. #92 Base of USDW's	
Uinta	Surface	USDW Elevation	~828' MSL
Green River	1276'	USDW Depth	~4328' KBE
Bird's Nest	1403'		
Mahogany	1855'		
Base of Parachute	2709'		
Wasatch	4406'		

NBU 438-19E PLUG & ABANDONMENT PROCEDURE**GENERAL**

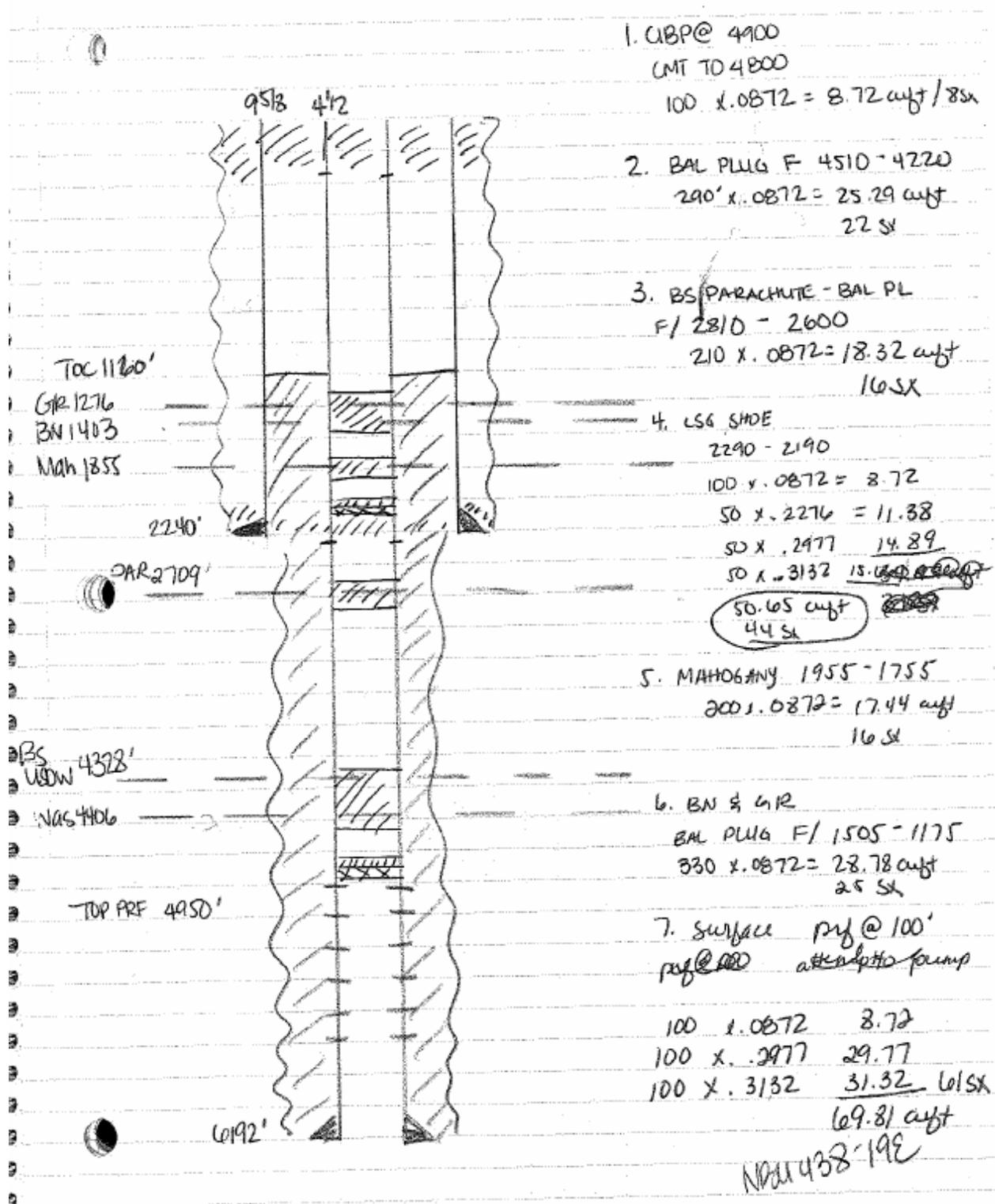
- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- PLUGS ARE TO BE TAGGED TO ENSURE THEY ARE AT DEPTH SPECIFIED.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.
-

PROCEDURE

Note: An estimated 282 sx Class "G" cement needed for procedure

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4950'-6075')**: RIH W/ 4 ½" CIBP. SET @ ~4900'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **8 SX / 1.6 BBL / 8.72 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~4800'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT TOP OF WASATCH (4406') & BASE OF USDW (~4328')**: PUH TO ~4510'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **22 SX / 4.5 BBL / 25.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4220' (290' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #3, PROTECT BASE OF PARACHUTE (2709')**: PUH TO ~2810'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~2600' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. **PLUG #4, PROTECT SURFACE CASING SHOE (2240')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 2290' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIBP, SET @ ~2190'. RIH W/ TBG & STING INTO CIBP & SQUEEZE PERFS W/ APPROXIMATELY **44 SX / 9.0 BBL / 50.7 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 2190'. STING OUT OF CIBP AND SPOT **4 SX / 0.8 BBL / 4.36 CUFT** CMT ON TOP OF CIBP. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~2140'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
7. **PLUG #5, PROTECT TOP OF MAHOGANY (1855')**: PUH TO ~1955'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.1 BBL / 17.4 CUFT** AND BALANCE PLUG W/ TOC @ ~1755' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **PLUG #6, PROTECT TOP OF GREEN RIVER (1276') & TOP OF BIRD'S NEST ZONE (~1403')**: PUH TO ~1505'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **25 SX / 5.1 BBL / 28.8 CUFT** AND BALANCE PLUG W/ TOC @ ~1175' (330' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
9. **PLUG #5, CEMENT SURFACE HOLE**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 100' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **61 SX / 12.4 BBL / 69.8 CUFT** OR SUFFICIENT VOLUME TO FILL CASING AND CASING ANNULI TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
11. RDMO. TURN OVER TO DRILLING OPERATIONS FOR PAD DRILLING.

ALM 6/3/11





May 12, 2011

Dustin K. Doucet
Petroleum Engineer
Division of Natural Resources, Division of Oil, Gas and Mining
State of Utah
PO Box 145801
Salt Lake City UT 84114-5801

Dear Mr. ~~Doucet~~:

Dustin

We are in receipt of your letter dated April 14, 2011, regarding the shut-in and temporarily abandoned status of 17 wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your April 14, 2011, letter.

Please do not hesitate to contact me if you have any questions or concerns. I can be reached at 720-929-6515.

Sincerely,

A handwritten signature in cursive script that reads 'Julie A. Jacobson'.

Julie A. Jacobson
Regulatory Affairs Supervisor

Attachment

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

RECEIVED

MAY 16 2011

DIV. OF OIL, GAS & MINING

Anadarko Response to UDOGM Letter of April 14, 2011

Well Name	API	Lease	Status / Comment
Love 1121-16F	43-047-36253	ML-46532	P&A procedure will be submitted by June 3, 2011. ✓
NBU 1021-1G	43-047-39001	ML-23612	Sundry approved on 5/3/2011 to convert to Birds Nest Monitor well. ✓
NBU 1022-13I4S	43-047-39475	STUO-08512-ST	P&A sundry approved 4/19/2011; will be plugged in summer.
NBU 3-2B	43-047-30267	ML-22651	P&A procedure will be submitted by June 3, 2011. ✓
Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved by State on 4/19/2011. <i>EXT to 12/31/2011</i>
NBU 921-34J	43-047-37953	State	Sundry to convert to a Birds Nest monitoring well will be submitted by June 3, 2011. ✓
Hall ET AL 31 18	43-047-30664	Fee	Will return to production - maintenance work will be completed by July 1, 2011.
State 921-27L	43-047-32466	U-01194AST	Recomplete approved on 4/27/2011.
NBU 1022-16O	43-047-35945	ML-3276	P&A procedure will be submitted by June 3, 2011. ✓ <i>PA'd</i>
NBU 1022-16E	43-047-35949	ML-3276	P&A procedure will be submitted by June 3, 2011. ✓
Lookout Point State 1-16	43-047-30544	ML-22186-A	Replaced faulty surface equipment and returned to production. Recomplete procedure will be submitted by June 3, 2011; will complete recompletion operations within 30 days after receipt of an approved permit. ✓ <i>"p"</i>
CIGE 79D	43-047-30896	ML-23612	Converted to SWD well; UDOGM approval on May 18, 2010. ✓
CIGE 240	43-047-33207	ML-22935	Recomplete sundry approved on 4/28/2011; work will be completed with 922-29F pad.
Ouray 32-146	43-047-33623	ML-22052	Will be returned to production - workover will be performed by July 1, 2011.
NBU 921-34L	43-047-36388	STUO-1194-AST	P&A procedure will be submitted by June 3, 2011. <i>6/6/2011 going to convert to monitor well</i>
NBU 921-33J	43-047-36394	STUO-015630-ST	Recomplete to the Green River sundry will be submitted by June 3, 2011.
NBU 438-19E	43-047-37534	ML-22792	P&A procedure will be submitted by June 3, 2011 (recent attempts to return production have failed). ✓

RECEIVED

MAY 16 2011

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

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: ML-22792
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		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 438-19E	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047375340000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 1941 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 10.0S Range: 21.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/9/2011		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<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.		
<p>The operator has concluded the plug and abandonment operations for the subject well location on 08/09/2011. This well is now plugged and abandoned.</p> <p>Please see the attached chronological well history for details. Thank you.</p> <p style="text-align: right;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/11/2011	

US ROCKIES REGION
Operation Summary Report

Well: NBU 438-19E							Spud Date: 2/29/2008			
Project: UTAH-UINTAH				Site: NBU 438-19E			Rig Name No: WESTERN WELLSITE/UNK			
Event: ABANDONMENT				Start Date: 8/8/2011			End Date:			
Active Datum: RKB @5,156.00ft (above Mean Sea Leve							UWI: NBU 438-19E			
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation		
8/8/2011	7:00 - 17:00	10.00						PREJOB SAFETY MEETING, RU, BLOW DOWN WELL, NDWH, NUBOP, RU SCANTECH, SCAN AND TOH, TIH WITH BIT TO 4920', TOH, TIH WITH CIBP AND SET AT 4890', LOAD HOLE WITH 60BLS WATER WITH CORROSION INHIBITOR, PRESSURE TEST CASING HELD, SDFN		
8/9/2011	7:00 - 17:00	10.00						PREJOB SAFETY MEETING, MIX AND PUMP 10SXS CLASS G CEMENTON TOP OF CIBP, TOH TO 4510'. MIX AND PUMP 25SXS CLASS G CEMENT, TOH TO 2810'. MIX AND PUMP 45SXS CLASS G CEMENT WITH CALCIUM CHLORIDE, TOH, WOC. TIH AND TAG CEMENT AT 2223', TOH TO 1959'. MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 1510'. MIX AND PUMP 25SXS CLASS G CEMENT, TOH, RD, NDBOP, DIG OUT WELLHEAD, CUTOFF WELLHEAD, SDFN.		