

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

September 18, 2003

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

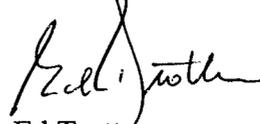
RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: ML-22791
UTAH STATE LANDS

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

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

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

Sincerely,



Ed Trotter
Agent
EOG Resources, Inc.

Attachments

RECEIVED
SEP 24 2003
DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT
(highlight changes)

001

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: ML-22791	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 checked="" 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 536-18E	
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: 734' FSL, 2293' FWL 4422105 Y 39,94246 AT PROPOSED PRODUCING ZONE: SAME 620007X -109,59534			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 14.9 MILES SOUTHEAST OF OURAY, UTAH			12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 734'	16. NUMBER OF ACRES IN LEASE: 161	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	19. PROPOSED DEPTH: 6,275	20. BOND DESCRIPTION: JP-0921		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5181.1 FEET GRADED GROUND	22. APPROXIMATE DATE WORK WILL START: 10/23/2003	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"	8 5/8" J-55 24.0#	250	SEE 8 POINT PLAN
7 7/8"	4 1/2" J-55 11.6#	6,275	SEE 8 POINT PLAN

RECEIVED
SEP 24 2003

DIV. OF OIL, GAS & MINING

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 9/18/2003

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35252

APPROVAL:

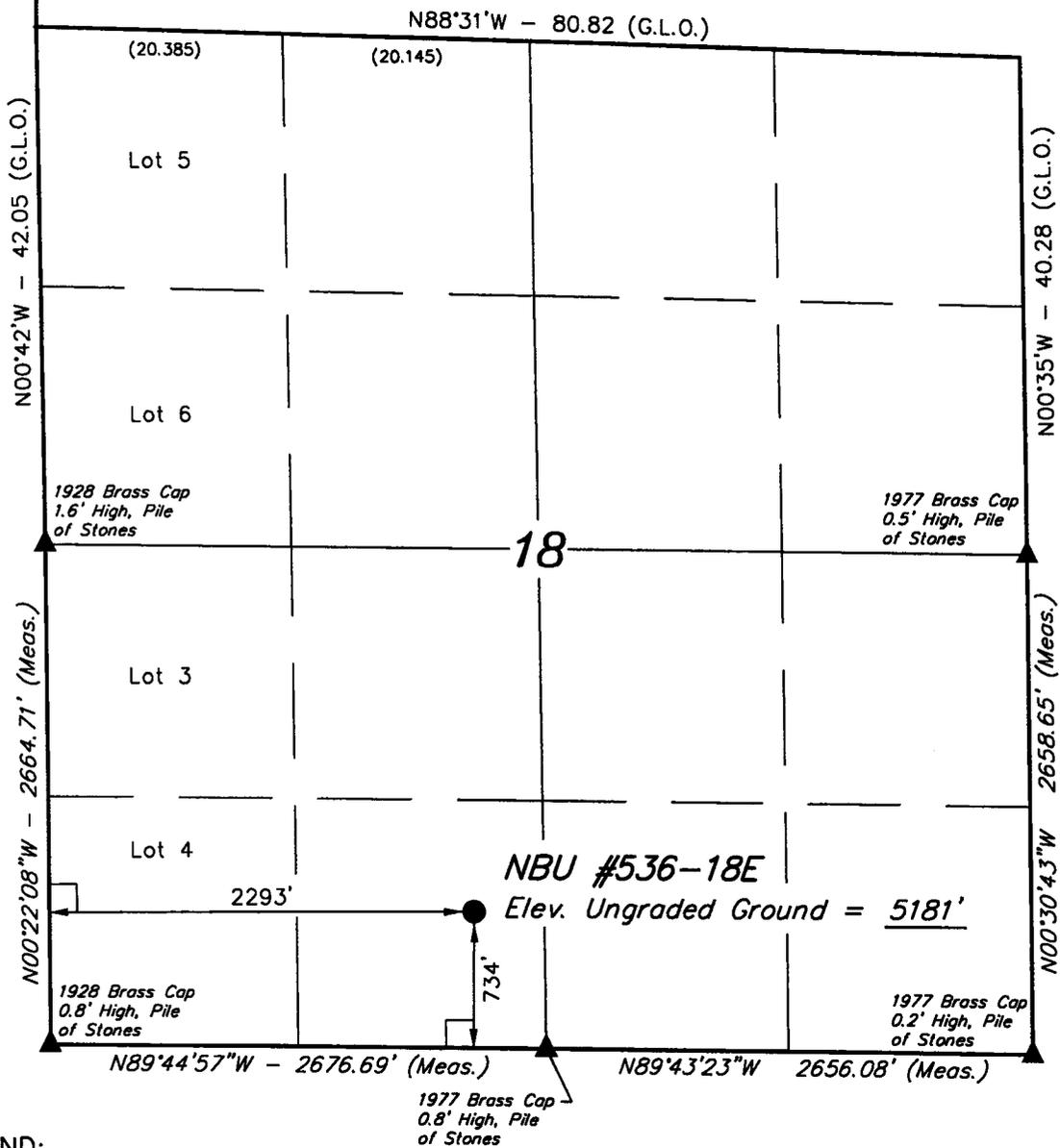
**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 02-23-04
By: *[Signature]*

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

R
20
E

R
21
E



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

NAD 27
 LATITUDE = 39°56'32.98" (39.942494)
 LONGITUDE = 109°35'43.51" (109.595419)

EOG RESOURCES, INC.

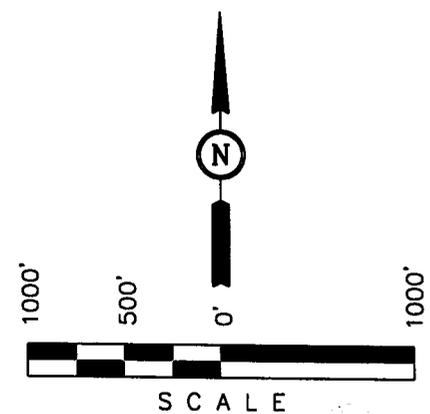
Well location, NBU #536-18E, located as shown in the SE 1/4 SW 1/4 of Section 18, T10S, R21E, S.L.B.&M. Uintah County, Utah.

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.

BASIS OF BEARINGS

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



CERTIFICATE

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

Robert A. Cox
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 19319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 08-11-03	DATE DRAWN: 08-15-03
PARTY D.A. R.D. D.COX		REFERENCES G.L.O. PLAT
WEATHER WARM		FILE EOG RESOURCES, INC.

EIGHT POINT PLAN

Amendment 2/16/04

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

FORMATION	DEPTH (KB)
Green River	1,279'
Oil Shale	1,327'
"M" Marker	4,183'
Wasatch	4,497'
Chapita Wells	5,141'
Buck Canyon	5,854'

EST. TD: 6275

Anticipated BHP 2700 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4"	0' - 250'+/- KB	250' +/-	8 5/8"	24.0 #	J-55	ST&C	1370 PSI	2950 PSI	244,000#
7 7/8"	250' - TD +/-KB	6275' +/-	4 1/2"	11.6 #	J-55	ST&C	4960 PSI	5350 PSI	184,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-250' Below GL):

- Guide Shoe
- Insert Baffle
- Wooden wiper plug
- Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (250'-TD'):

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

6. MUD PROGRAM

Surface Hole Procedure (0-250' below GL):

Air - Air Water Mist

EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E SE/SW, SEC. 18, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

Production Hole Procedure (250'-TD):

200' - 1700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

MUD PROGRAM- Production Hole Procedure (250'-TD)(Continued):

1700-4900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine, or with 9.2-ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.

4900'-TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. VARIANCE REQUESTS:

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

8. EVALUATION PROGRAM:

Logs: RST (Reservoir Saturation Tool) Cased hole logs will be run from TD to surface.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-250' Below GL)

Lead: 150 sks (100% excess volume) 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.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

CEMENT PROGRAM (Continued):

Production Hole Procedure (250' to TD)

Lead: 100 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), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 ft³./sk., 9.06 gpa water

Tail: 1,515 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³./sk., 5.9 gpa water.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (250'-TD)

Lost circulation, asphaltic, black oil flows, large Trona water flows and gas flows may be encountered in the Green River, beginning at **1,064 feet**. Other wells in the general area of the **NBU 536-18E** (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing.

11. STANDARD REQUIRED EQUIPMENT:

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

12. HAZARDOUS CHEMICALS:

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

(Attachment: BOP Schematic Diagram)

EXHIBIT "A"

Attached to and made a part of that certain Designation of Agent dated September 17, 2003
2003, from Westport Oil and Gas Company, L.P. to EOG Resources, Inc.

WELL NAME	LOCATION			
	DIV	SEC	TWP	RGE
NBU 437-18E	SESE	18	10	21
NBU 535-17E	NWSW	17	10	21
NBU 536-18E	SESW	18	10	21
<i>43-047-35253</i> NBU 537-18E	NWSE	18	10	21

All Township and Range references are South and East of the Salt Lake Meridian in Uintah
County, Utah.

Desofagent-nbu

EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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*Amended 2/18/04
DWD*

EST. TD: 6275

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3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

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							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
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EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

MUD PROGRAM- Production Hole Procedure (250'-TD)(Continued):

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7. VARIANCE REQUESTS:

*Amended
2/18/04
D/K/D*

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
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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.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Production Hole Procedure (250' to TD)

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Tail: ~~250~~^{1515ea} sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% 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.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (250'-TD)

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11. STANDARD REQUIRED EQUIPMENT:

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- C. Stabbing Valve
- D. Visual Mud Monitoring

*Amended
2/18/04
DWD*

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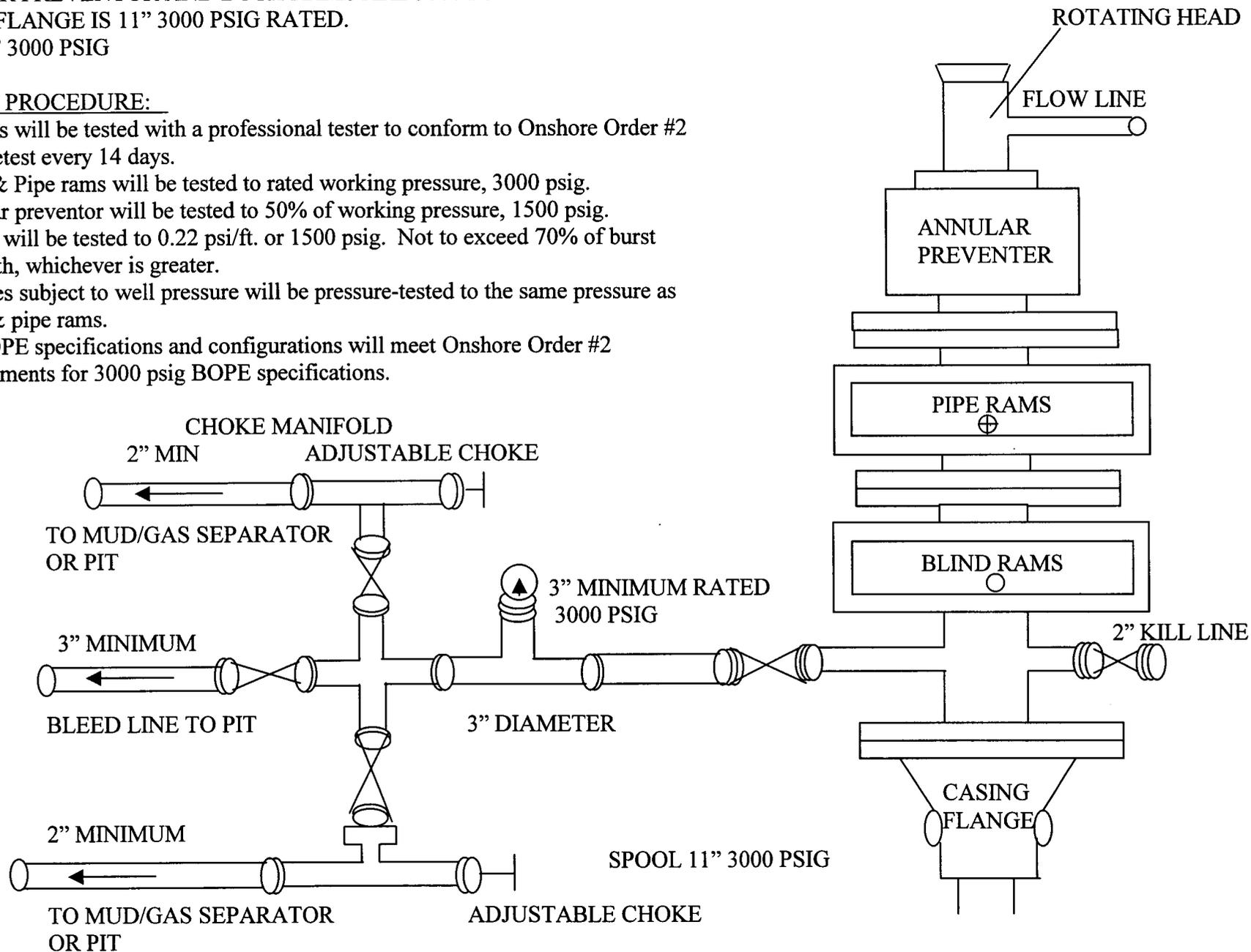
(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

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

TESTING PROCEDURE:

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

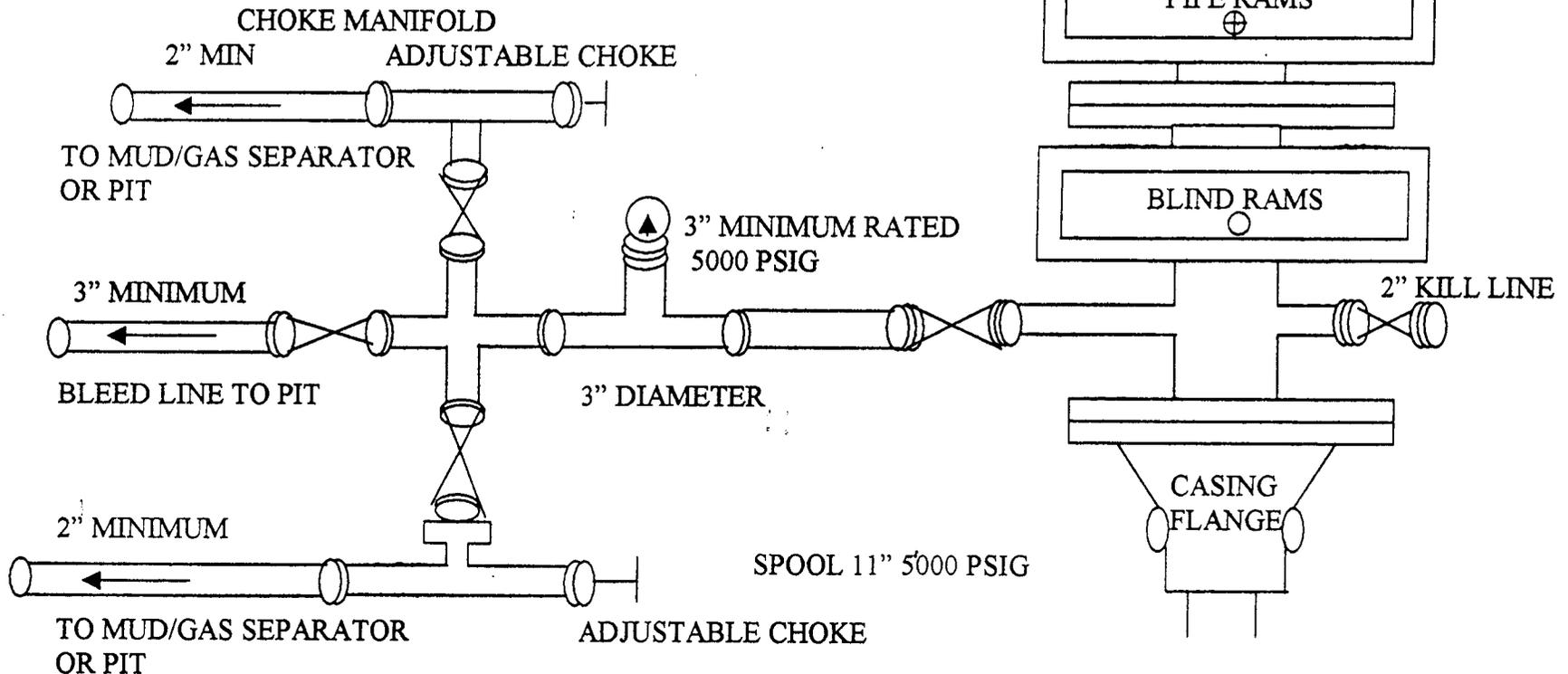


5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.
CASING FLANGE IS 11" 5000 PSIG RATED.
BOPE 11" 5000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventer will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



EOG RESOURCES, INC.
NBU #536-18E
SECTION 18, 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, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ALONG 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, THEN WESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 45.6 MILES.

**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 536-18E
Lease Number: ML-22791
Location: 734' FSL & 2293' FWL, SE/SW, Sec. 18,
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 14.9 miles southeast of Ouray, Utah - See attached TOPO Map "A" .
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

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

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

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

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

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

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

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

- A. Abandoned wells – 3*
- B. Producing wells - 9*
- C. Shut in wells – 2*

(*See attached TOPO map “C” for location)

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

A. **ON WELL PAD**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
- 2. Gas gathering lines - A 3” gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3” OD steel above ground natural gas pipeline will be laid approximately 20’ from proposed location to a point in the SE/SW of Section 18, 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 be not be required.
- 3. Proposed pipeline will be a 3” OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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

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

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

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

6. **SOURCE OF CONSTRUCTION MATERIAL**

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

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

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

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

8. **ANCILLARY FACILITIES**

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

9. **WELLSITE LAYOUT**

A. Refer to attached well site plat for related topography cuts and fills and cross sections.

B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.

C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Northeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the East 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 North and West of Corner #6.

Access to the well pad will be from the South.

FENCING REQUIREMENTS:

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

A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.

C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.

D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum 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.

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

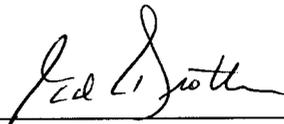
Donald Presenkowski
EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
Telephone: (307)276-4865

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.

9-18 2003
Date

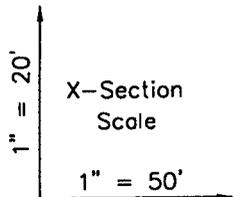
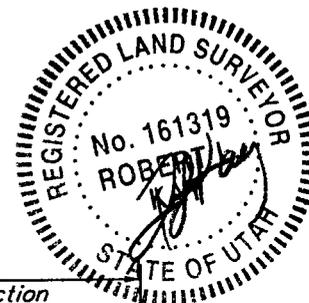

Agent

EOG RESOURCES, INC.

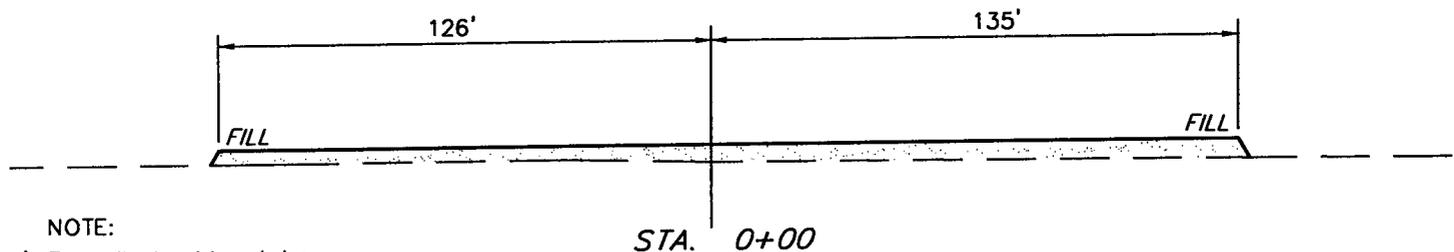
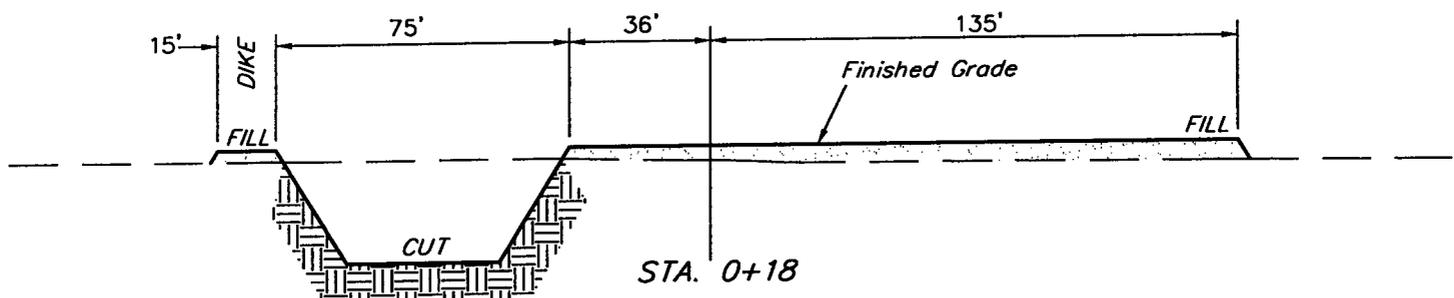
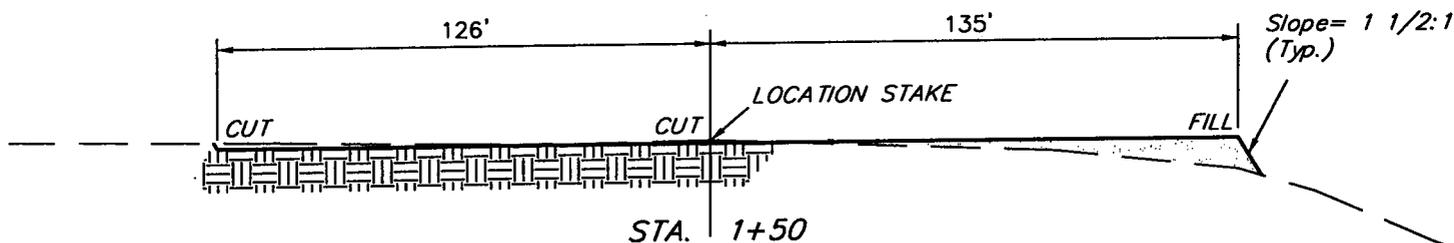
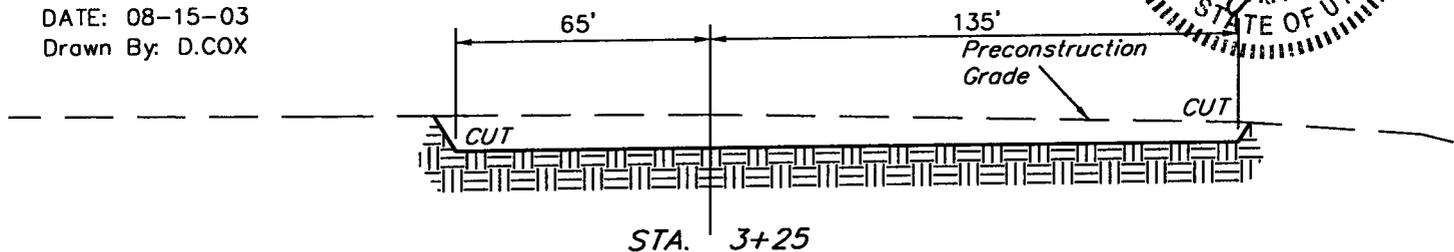
TYPICAL CROSS SECTIONS FOR

NBU #536-18E

SECTION 18, T10S, R21E, S.L.B.&M.
734' FSL 2293' FWL



DATE: 08-15-03
Drawn By: D.COX

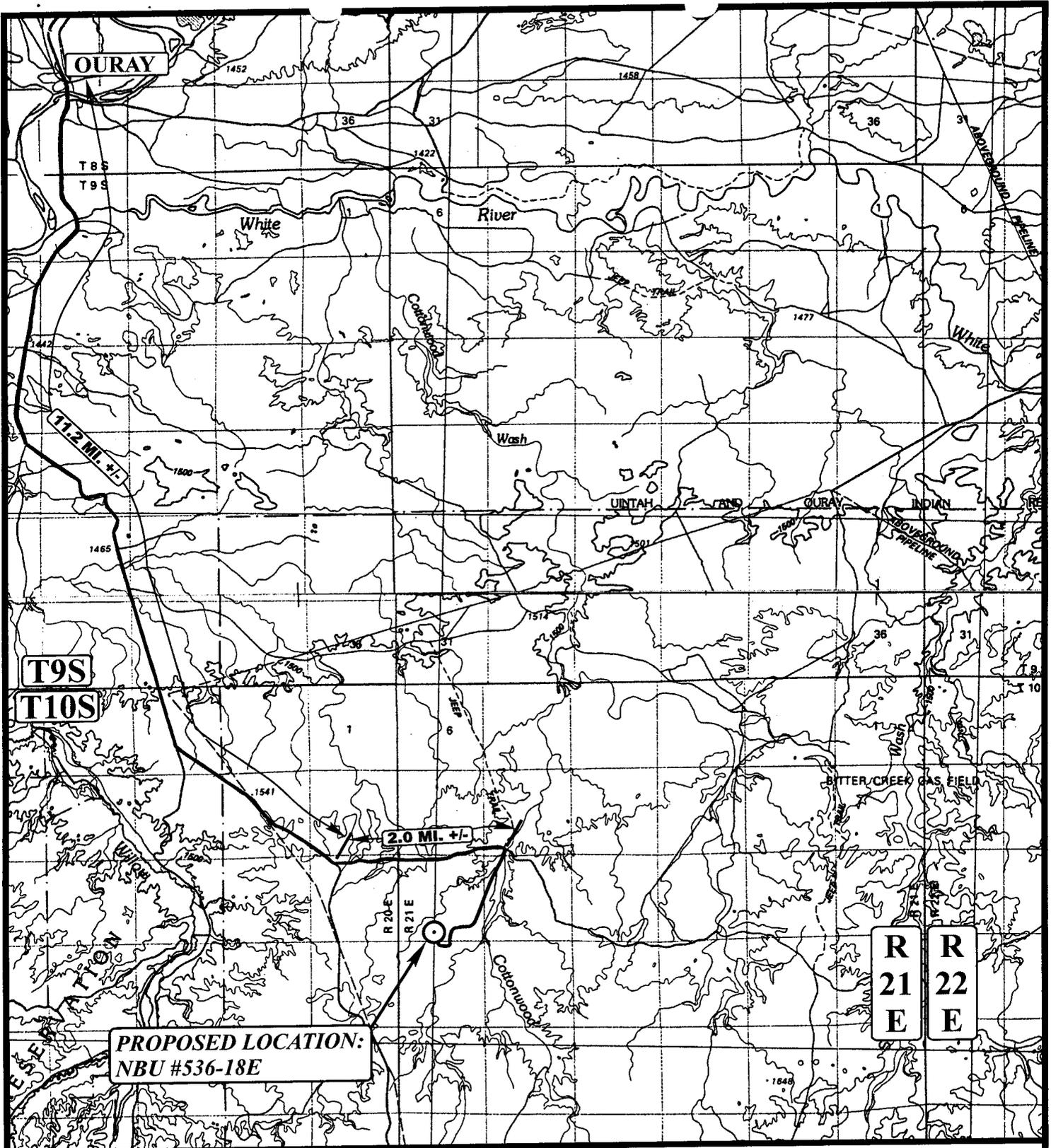


NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,430 Cu. Yds.
Remaining Location	=	4,240 Cu. Yds.
TOTAL CUT	=	5,670 CU.YDS.
FILL	=	2,450 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	3,090 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,090 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



LEGEND:

○ PROPOSED LOCATION



EOG RESOURCES, INC.

NBU #536-18E
 SECTION 18, T10S, R21E, S.L.B.&M.
 734' FSL 2293' FWL

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

TOPOGRAPHIC **8 12 03**
MAP MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 00-00-00



EOG RESOURCES, INC.

NBU #536-18E

LOCATED IN UINTAH COUNTY, UTAH
SECTION 18, T10S, R21E, S.L.B.&M.

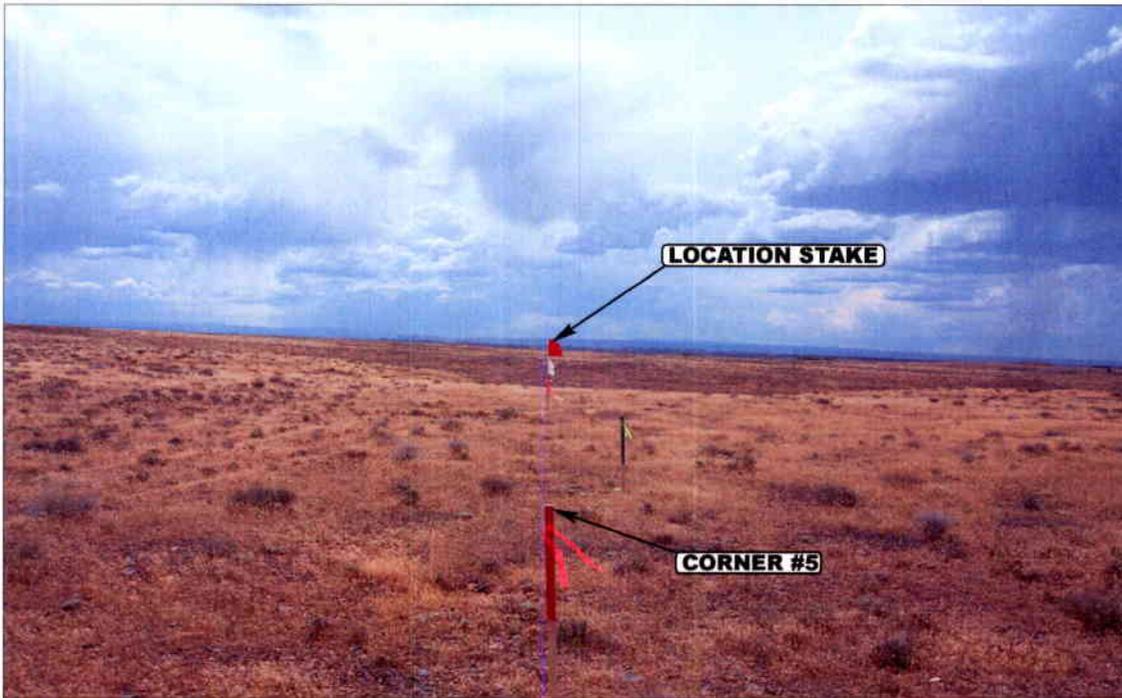


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

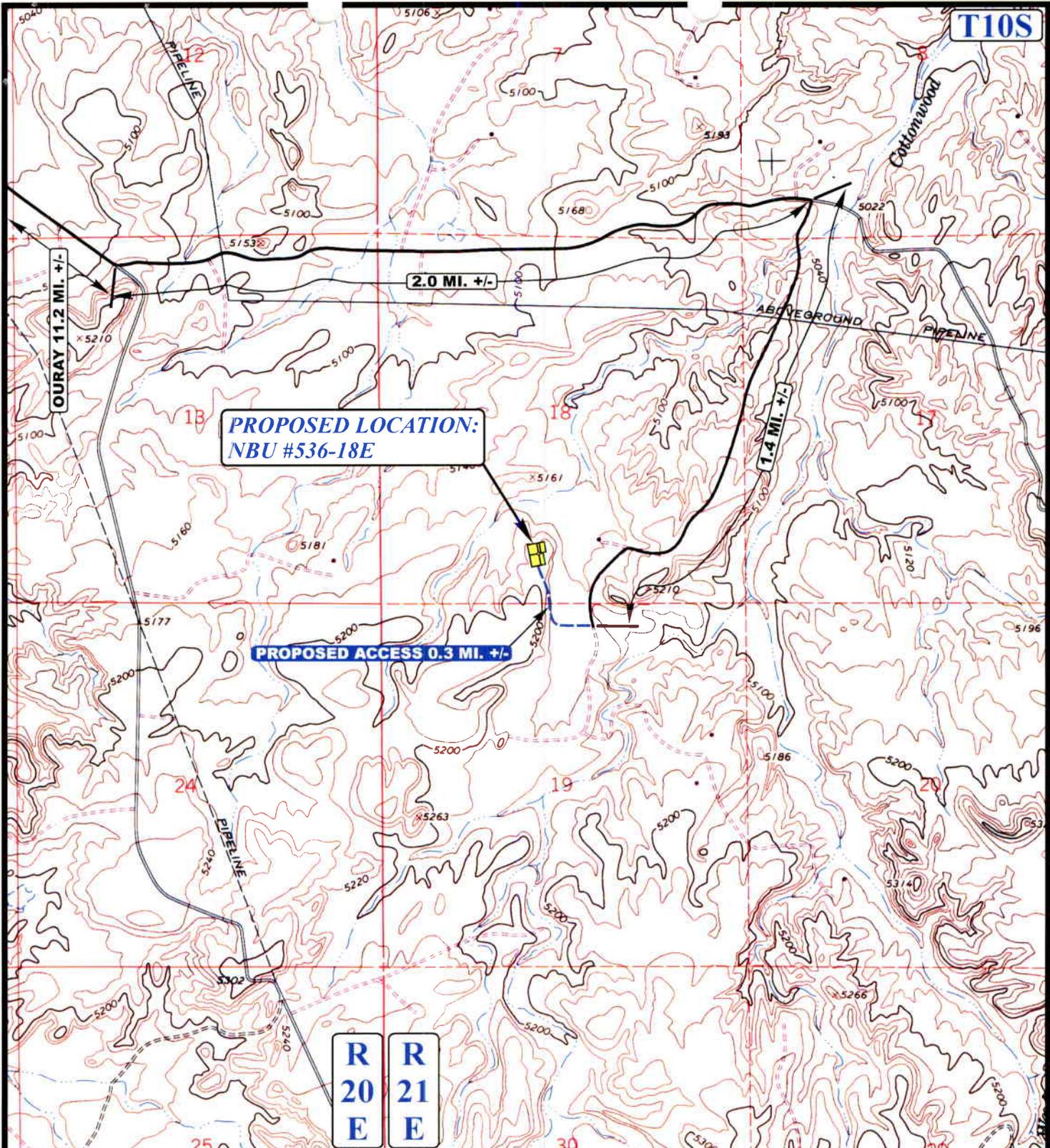
CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS	8	12	03	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.A.	DRAWN BY: K.G.		REVISED: 00-00-00	



**PROPOSED LOCATION:
NBU #536-18E**

PROPOSED ACCESS 0.3 MI +/-

R 20 E **R 21 E**

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



EOG RESOURCES, INC.

NBU #536-18E
SECTION 18, T10S, R21E, S.L.B.&M.
734' FSL 2293' FWL



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

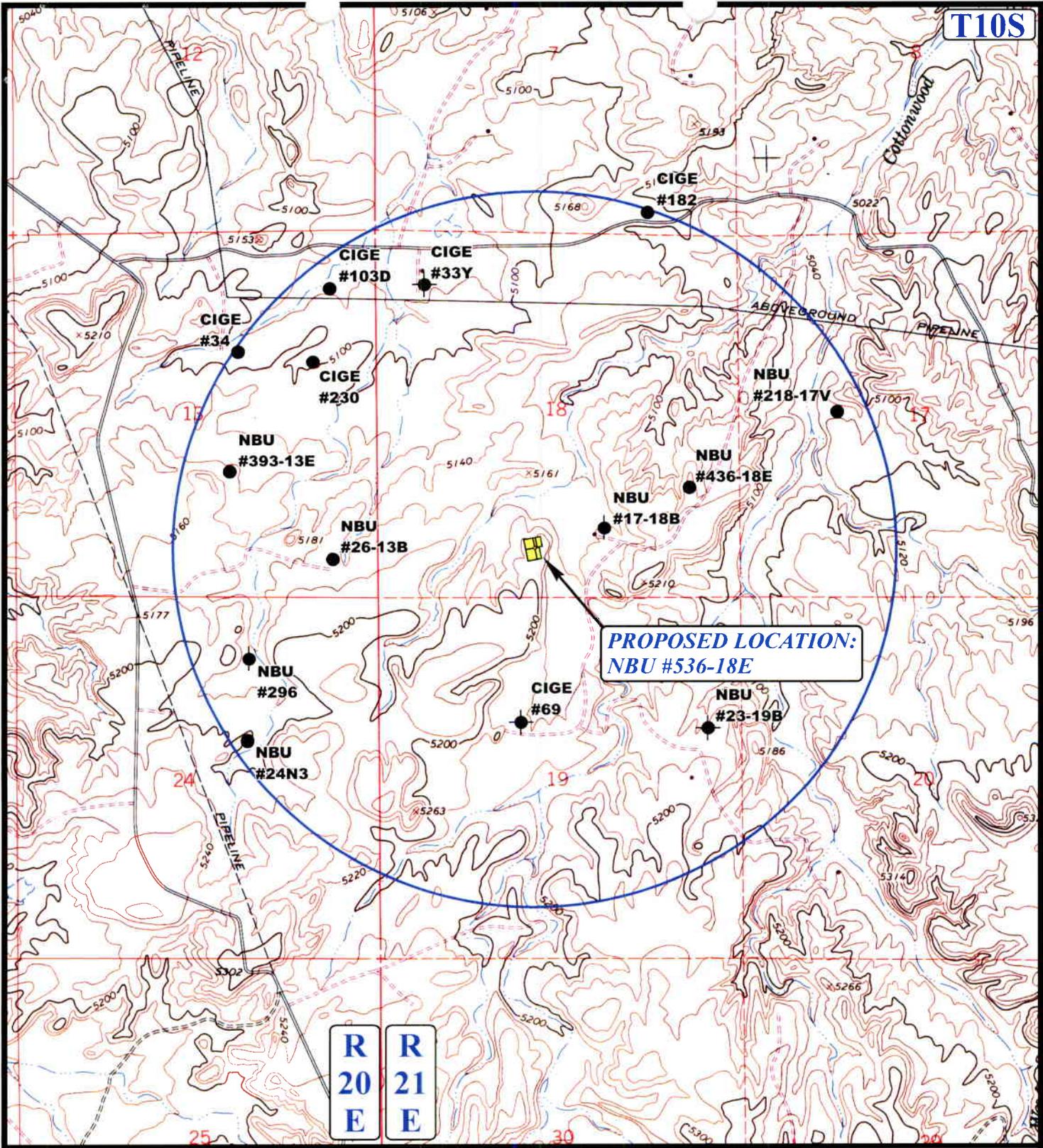
TOPOGRAPHIC
MAP

8 12 03
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00

T10S



**PROPOSED LOCATION:
NBU #536-18E**

R
20
E

R
21
E

LEGEND:

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



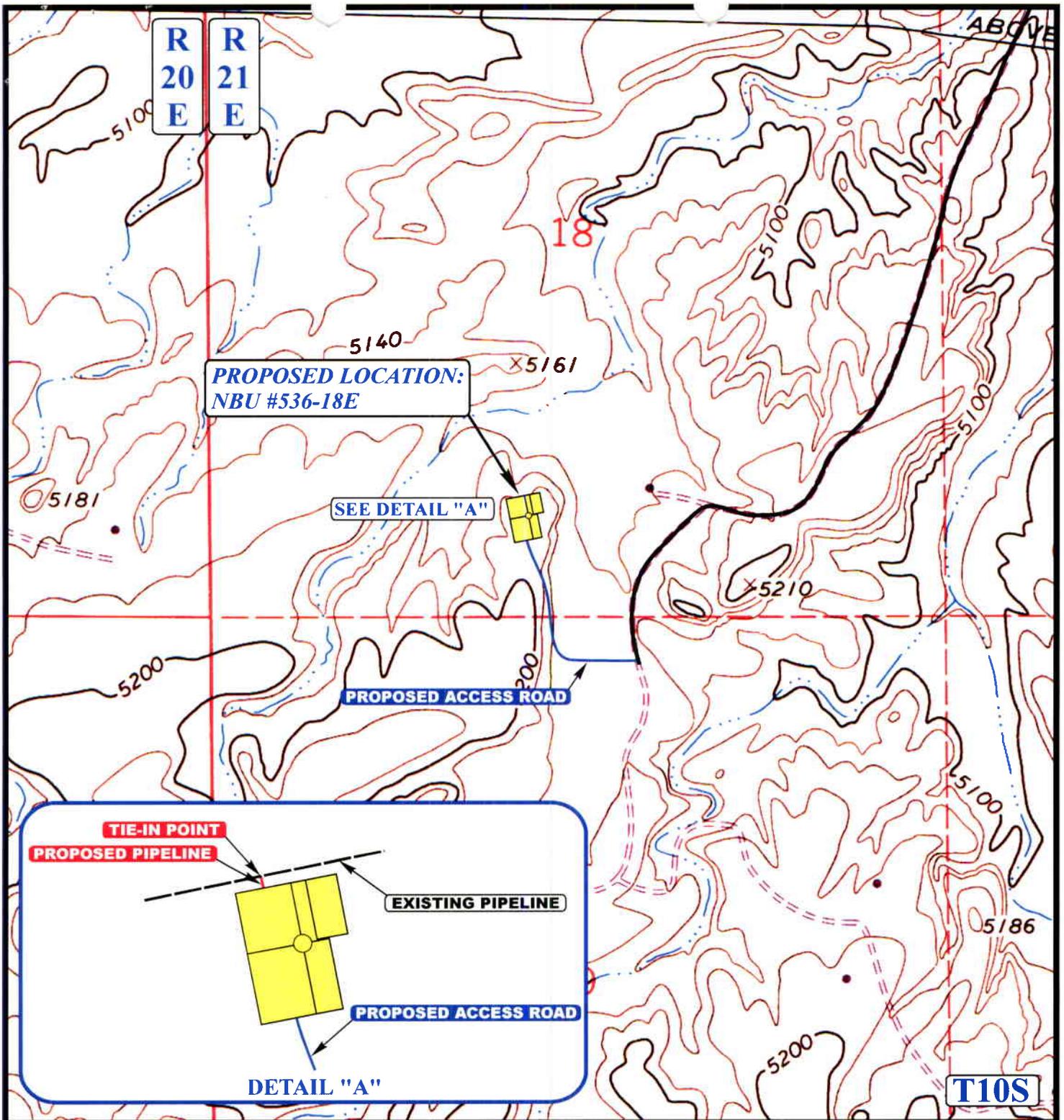
EOG RESOURCES, INC.

NBU #536-18E
SECTION 18, T10S, R21E, S.L.B.&M.
734' FSL 2293' FWL

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

TOPOGRAPHIC MAP **8 12 03**
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00

C
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 20' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

EOG RESOURCES, INC.

NBU #536-18E
SECTION 18, T10S, R21E, S.L.B.&M.
734' FSL 2293' FWL



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

TOPOGRAPHIC MAP **8 12 03**
MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00





EOG Resources, Inc.
600 Seventeenth Street
Suite 1100N
Denver, CO 80202
(303) 572-9000
Fax: (303) 824-5400

September 23, 2003

Utah State Office
Bureau of Land Management
P.O. Box 45155
Salt Lake City, Utah 84145-0155

Attn: Mr. Robert A. Henricks
Chief, Branch of Fluid Minerals

RE: Designation of Agent
Natural Buttes Unit
Uintah County, Utah
Natural Buttes Prospect
1540-AA29, 0050620-000
and 0050623-000

Gentlemen:

Enclosed, for your approval, are three (3) copies of a Designation of Agent pertaining to EOG Resources, Inc.'s ("EOG") proposed NBU 437-18E, NBU 535-17E, NBU 536-18E and NBU 537-18E wells. All copies have been originally executed on behalf of Westport Oil and Gas Company, L.P.

When approved, please forward the approved Designation of Agent to my attention at the letterhead address (not to EOG's Vernal, Utah, office as identified on the face of this Designation of Agent).

If anything further is needed in connection with this matter, please contact the undersigned at (303) 824-5430.

Sincerely,

EOG RESOURCES, INC.

Debbie Spears
Sr. Land Technician

/das
Enclosures
StUt-Agent.doc

cc: Vernal District, BLM (with copy of enclosure)
Division of Oil, Gas and Mining (with copy of enclosure)
Ed Trotter (with copy of enclosure)
Jim Schaefer (with copy of enclosure)
George McBride (with copy of enclosure)
Bruce Johnston, Westport Oil and Gas Company, L.P. (with copy of enclosure)

RECEIVED
SEP 26 2003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/24/2003

API NO. ASSIGNED: 43-047-35252

WELL NAME: NBU 536-18E
OPERATOR: EOG RESOURCES INC (N9550)
CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

SESW 18 100S 210E
SURFACE: 0734 FSL 2293 FWL
BOTTOM: 0734 FSL 2293 FWL
UINTAH
NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	D26	2/15/04
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-22791
SURFACE OWNER: 3 - State

LATITUDE: 39.94246

PROPOSED FORMATION: WSTC

LONGITUDE: 109.59534

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]
(No. JP-0921)
- Potash (Y/N)
- Oil Shale 190-5 (B)** or 190-3 or 190-13
- Water Permit
(No. 49-1501)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

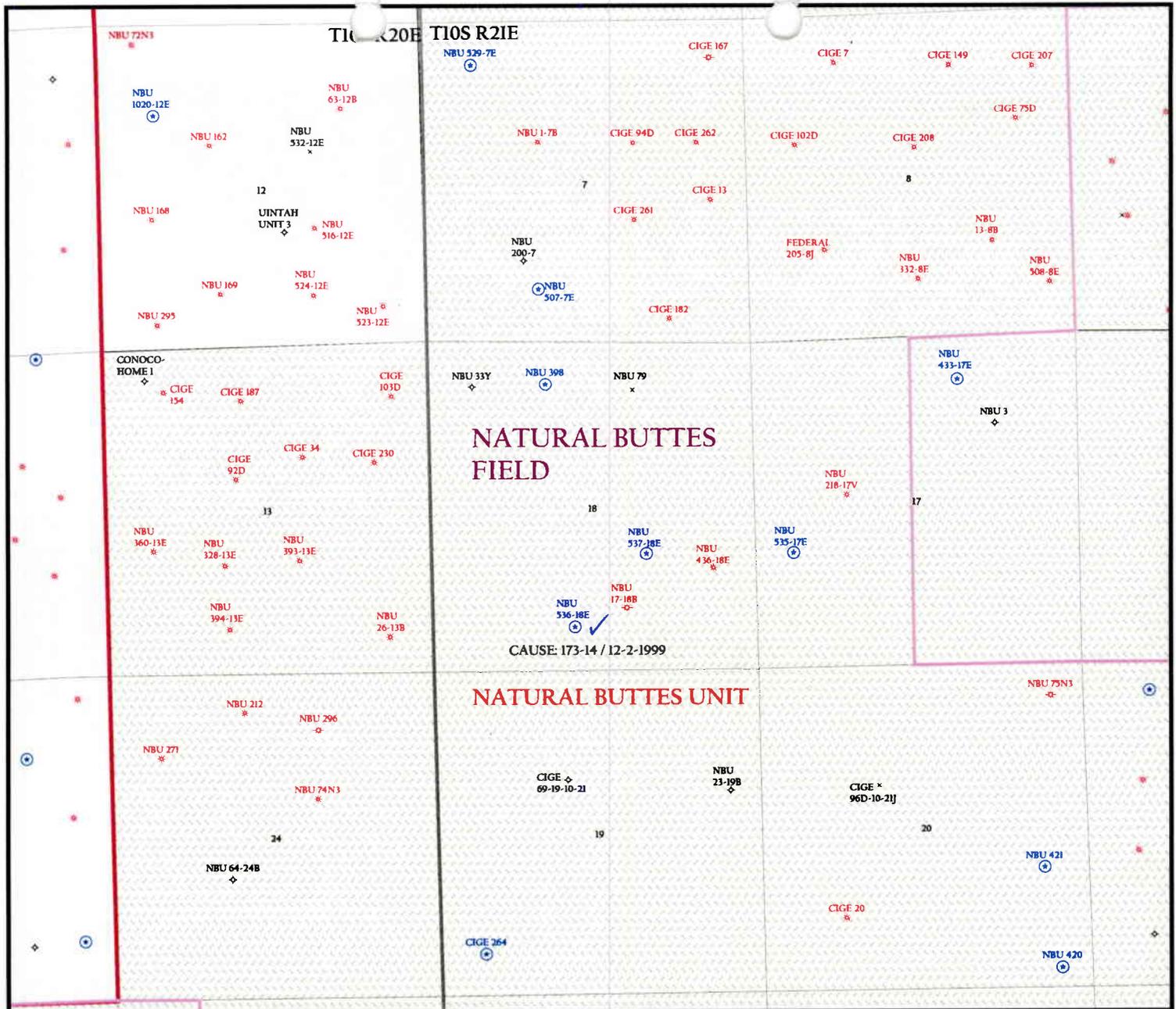
- ___ R649-2-3.
- Unit NATURAL BUTTES
- ___ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-3-99
Siting: 460' Fr U boundary of Uncomm. Tract
- ___ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (10-14-03)

STIPULATIONS:

1 Oil shale
2 STATEMENT OF BASIS

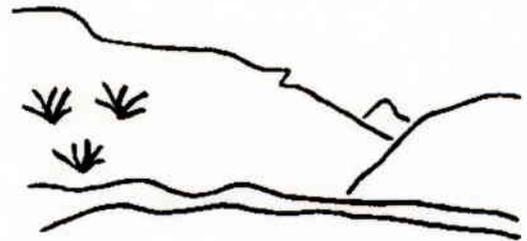


NATURAL BUTTES FIELD

NATURAL BUTTES UNIT

CAUSE: 173-14 / 12-2-1999

OPERATOR: EOG RESOURCES INC (N9550)
 SEC. 18 T.10S, R.21E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 173-14 / 12-2-1999



Utah Oil Gas and Mining

- Wells**
- ✓ 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

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

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



PREPARED BY: DIANA MASON
 DATE: 29-SEPTEMBER-2003

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

OPERATOR: EOG RESOURCES INC.
WELL NAME & NUMBER: NATURAL BUTTES UNIT 536-18E
API NUMBER: 43-047-35252
LEASE: ML-22791A **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4, 1/4 SE/SW Sec: 18 TWP: 10S RNG: 21E 2293' FWL 734' FSL
LEGAL WELL SITING: 460 from unit boundary and uncommitted tracts.
GPS COORD (UTM): 619999E 4422107N **SURFACE OWNER:** STATE OF UTAH.

PARTICIPANTS

DAVID W. HACKFORD (DOG M), ED TROTTER (EOG), FLOYD BARTLETT (DWR).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON THE POINT OF A FLAT TOPPED RIDGE WITH SHALLOW DRAWS TO THE EAST AND WEST. THESE DRAWS COME TOGETHER AND RUN TO THE NORTH TO THE WHITE RIVER 8.75 MILES AWAY. COTTONWOOD WASH IS 0.6 MILES TO THE EAST. THIS WASH ALSO DRAINS TO THE NORTH. OURAY, UTAH IS 14.9 MILES TO THE NORTHWEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 246'. PROPOSED ACCESS IS 0.3 MILES.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: NEW PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. A GAS PIPELINE ALREADY EXISTS JUST ADJACENT TO AND NORTH OF PROPOSED LOCATION.

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

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGEBRUSH, SHADSCALE, PRICKLEY PEAR, GREASEWOOD, INDIAN RICEGRASS: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

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

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 147' BY 75' AND 12' DEEP.

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

SURFACE RESTORATION/RECLAMATION PLAN: AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER STATE OF UTAH

CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN INSPECTED BY JIM TRUESDALE.

OTHER OBSERVATIONS/COMMENTS

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

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

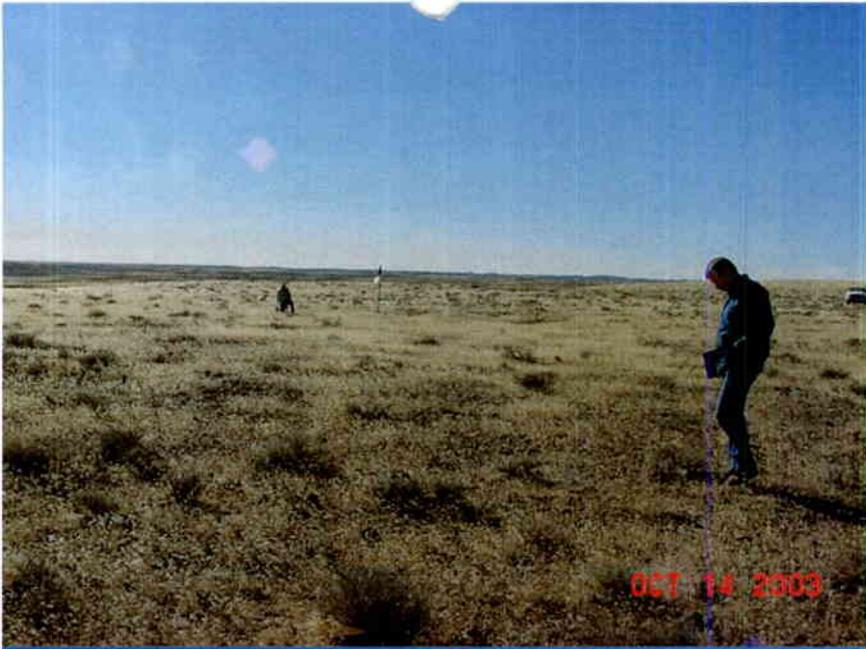
10/14/03 10:00 AM
DATE/TIME

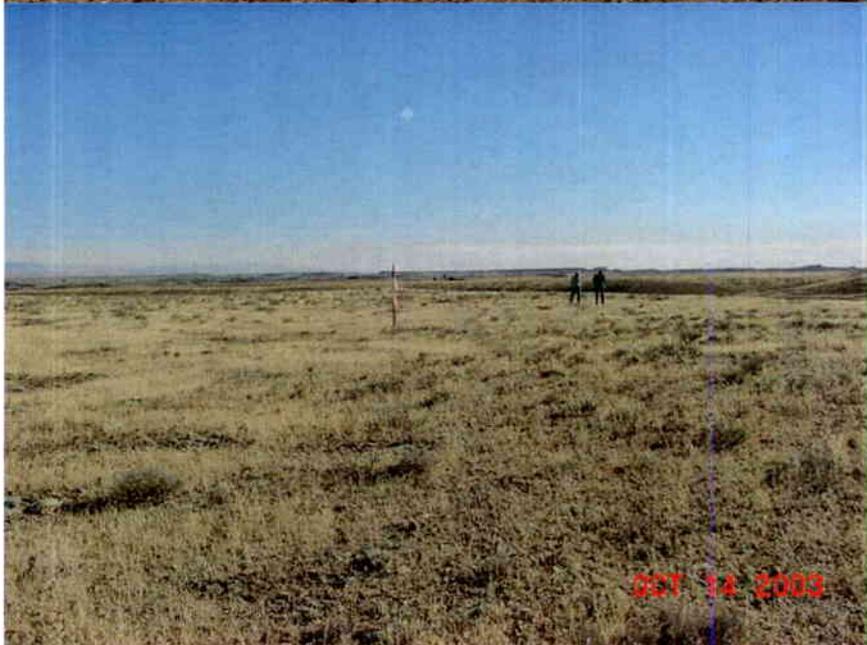
**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</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 10 (Level III 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.





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

OPERATOR: EOG RESOURCES, INC.
WELL NAME & NUMBER: NATURAL BUTTES UNIT 536-18E
API NUMBER: 43-047-35252
LEASE: ML-22791 **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4,1/4 SE/SW Sec: 18 TWP: 10S RNG: 21E 2293' FWL 734' FSL

Geology/Ground Water:

El Paso proposes to set 250' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,800'. A search of Division of Water Rights records shows two water well within a 10,000 foot radius of the center of section 18 . These wells are approximately 1.9 miles from the proposed location and is listed as a mining use well. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 10-16-2003

Surface:

The predrill investigation of the surface was performed on 10/14/03. Surface and minerals for this well are owned by the State of Utah. S.I.T.L.A. and D.W.R. were notified of this investigation on 9/29/03. Floyd Bartlett represented the D.W.R. S.I.T.L.A. did not have a representative present. Mr. Bartlett had no concerns regarding the construction of this location or the drilling of this well. Mr. Bartlett gave Mr. Trotter (EOG) a DWR approved seed mix to be used when the reserve pit is reclaimed. There is an existing gas pipeline adjacent to and just north of the proposed location. This site appears to be the best site in the immediate area for a location and well.

Reviewer: David W. Hackford **Date:** 10/14/03

Conditions of Approval/Application for Permit to Drill:

None.

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, OCT 16, 2003, 12:53 PM
PLOT SHOWS LOCATION OF 2 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE NW CORNER,
SECTION 18 TOWNSHIP 10S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

N O R T H

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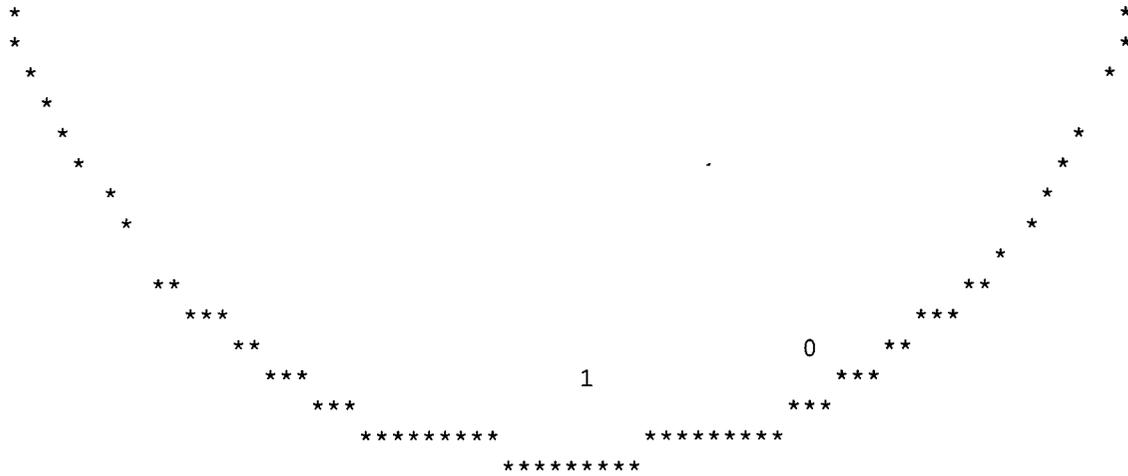
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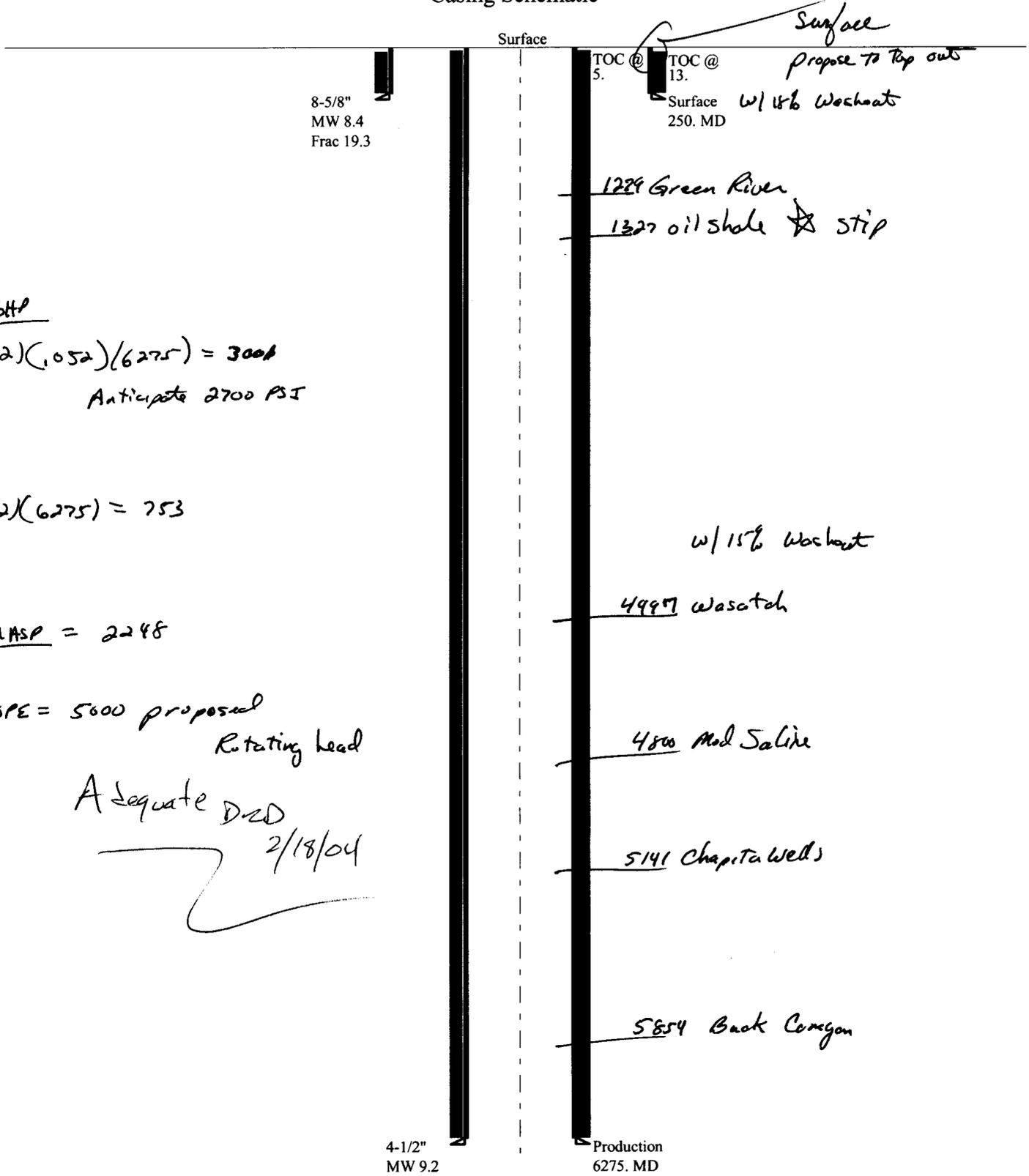


UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION	or WELL INFO	POINT OF DIVERSION DESCRIPTION
				DIAMETER	DEPTH	YEAR LOG NORTH EAST CNR SEC TWN RNG B&
0	49 392	.1700	.00	16	2200 - 3300	S 2900 W 1300 NE 19 10S 21E S
		WATER USE(S): DOMESTIC OTHER				PRIORITY DATE: 02/20/1
		Magic Circle Energy Corp.(C/O Synfuels E 1667 Cole Blvd. Bldg. #19, Suite 400				Golden
1	49 392	.1700	.00	16	2200 - 3300	N 1930 E 400 SW 19 10S 21E S
		WATER USE(S): DOMESTIC OTHER				PRIORITY DATE: 02/20/1
		Magic Circle Energy Corp.(C/O Synfuels E 1667 Cole Blvd. Bldg. #19, Suite 400				Golden

10-03 EOG NBU 536-18D

Casing Schematic



BHP

$$(9.2)(.052)(6275) = 3000$$

Anticipate 2700 PSI

$$(6.2)(6275) = 753$$

MASP = 2248

BOPE = 5600 proposed
Rotating head

Adequate DSD
2/18/04

From: Ed Bonner
To: Whitney, Diana
Date: 2/3/04 3:28PM
Subject: Well Clearance

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

EOG Resources, Inc
Chapita Wells Unit 860-32
NBU 536-18E
NBU 537-18E (State Surface)

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

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

Well name:	10-03 EOG NBU 536-18E		
Operator:	EOG Resources		
String type:	Surface	Project ID:	43-047-35252
Location:	Uintah County		

Design parameters:	Minimum design factors:	Environment:
<u>Collapse</u>	<u>Collapse:</u>	H2S considered? No
Mud weight: 8.400 ppg	Design factor 1.125	Surface temperature: 65 °F
Design is based on evacuated pipe.		Bottom hole temperature: 68 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 250 ft
	<u>Burst:</u>	Cement top: 13 ft
	Design factor 1.00	
<u>Burst</u>		
Max anticipated surface pressure: 220 psi		
Internal gradient: 0.120 psi/ft	<u>Tension:</u>	Non-directional string.
Calculated BHP 250 psi	8 Round STC: 1.80 (J)	
No backup mud specified.	8 Round LTC: 1.80 (J)	
	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	Re subsequent strings:
	Tension is based on buoyed weight.	Next setting depth: 6,275 ft
	Neutral point: 218 ft	Next mud weight: 9.200 ppg
		Next setting BHP: 2,999 psi
		Fracture mud wt: 19.250 ppg
		Fracture depth: 250 ft
		Injection pressure 250 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	250	8.625	24.00	J-55	ST&C	250	250	7.972	12

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	109	1370	12.558	250	2950	11.80	5	244	46.53

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

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

Date: February 12, 2004
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	10-03 EOG NBU 536-18E		
Operator:	EOG Resources	Project ID:	43-047-35252
String type:	Production		
Location:	Uintah County		

Design parameters:

Collapse
Mud weight: 9.200 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: 65 °F
Bottom hole temperature: 153 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst
Max anticipated surface pressure: 2,246 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,999 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: 5,412 ft

Cement top: 5 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 (ft³)
1	6275 ✓	4.5 ✓	11.60 ✓	J-55 ✓	ST&C ✓	6275	6275	3.875	145.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2999	4960	1.654 ✓	2999	5350	1.78 ✓	63	154	2.45 J ✓

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

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

Date: February 12, 2004
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6275 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

February 23, 2004

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

Re: Natural Buttes Unit 536-18E Well, 734' FSL, 2293' FWL, SE SW, Sec. 18,
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 43-047-35252.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

005

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-22791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:

NATURAL BUTTES UNIT 536-18E

9. API NUMBER:

4304735252

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

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

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER _____

2. NAME OF OPERATOR:

EOG RESOURCES, INC.

3. ADDRESS OF OPERATOR:

P.O. BOX 1910

CITY VERNAL

STATE UT

ZIP 84078

PHONE NUMBER:

(435) 789-4120

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 734' FSL, 2293' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Extension Request</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

EOG Resources, Inc. requests that the APD for the subject well be extended for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-17-05

By: [Signature]

RECEIVED

FEB 16 2005

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

DATE: 2-23-05
BY: [Signature]

NAME (PLEASE PRINT) Ed Trotter

TITLE Agent

SIGNATURE [Signature]

DATE 2/13/2005

(This space for State use only)

Operator: EOG Resources, Inc.
Well Name & Number Natural Buttes Unit 536-18E
API Number: 43-047-35252
Lease: ML-22791

Location: SE SW Sec. 18 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. 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.

Page 2

Conditions of Approval API #43-047-35252

February 23, 2004

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: NBU 536-18E

Api No: 43-047-35252 Lease Type: STATE

Section 18 Township 10S Range 21E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRILLING RIG # 1

SPUDDED:

Date 02/08/06

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by DALL COOK

Telephone # 1-435-828-3630

Date 02/09/2006 Signed CHD

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

ENTITY ACTION FORM

Operator: EOG RESOURCES Operator Account Number: N 9550
 Address: P.O. BOX 250
city BIG PINEY
state WY zip 83113 Phone Number: (307) 276-4842

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35200	NATURAL BUTTES UNIT 535-17E		NWSW	17	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B.	99999	2900	1/24/2006		2/16/06		
Comments: <u>PRRV = MVRD = WSMVD</u> - J							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35252	NATURAL BUTTES UNIT 536-18E		SESW	18	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	2/8/2006		2/16/06		
Comments: <u>WSTC = WSMVD</u> - J							

Well 3

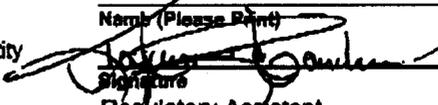
API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35226	CHAPITA WELLS UNIT 804-33		SWNW	33	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15183	2/10/2006		2/16/06		
Comments: <u>PRRV = WSMVD</u> - J							

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)

Kaylene R. Gardner

Name (Please Print)


Signature

Regulatory Assistant

2/15/2006

Title

Date

(5/2000)

RECEIVED
FEB 15 2006
DIV. OF OIL, GAS & MINING

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

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

API: 4304735252
Well Name: NATURAL BUTTES UNIT 536-18E
Location: 734' FSL, 2293' FWL, SESW, SEC. 18, T10S, R21E
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 2/23/2004

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

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

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

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

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

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

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

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

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



Signature

2/13/2005

Date

Title: Agent

Representing: EOG Resources, Inc.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML 22791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NATURAL BUTTES UNIT 536-18E

9. API NUMBER:
43-047-35252

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
EOG Resources, Inc.

3. ADDRESS OF OPERATOR:
P.O. Box 1815 CITY **Vernal** STATE **Ut** ZIP **84078** PHONE NUMBER: **(307) 276-4842**

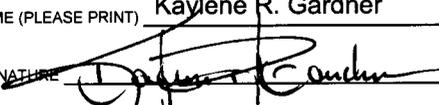
4. LOCATION OF WELL
FOOTAGES AT SURFACE: **734 FSL 2293 FWL 39.942494 LAT 109.595419 LON** COUNTY: **UINTAH**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SESW 18 10S 21E S** STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: WELL SPUD
	<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. spud a 20" surface hole at the referenced location 2/8/2006 at 8:00 a.m. Dall Cook, representative for EOG, notified Matt Baker of the Vernal BLM office and Carol Daniels of the Utah Division of Oil Gas and Mining of the spud 2/8/2006 @ 6:45 a.m.

NAME (PLEASE PRINT) Kaylene R. Gardner TITLE Regulatory Assistant
SIGNATURE  DATE 2/17/2006

(This space for State use only)

RECEIVED
FEB 21 2006

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 22791
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 536-18E
3. ADDRESS OF OPERATOR: P.O. Box 1815 CITY Vernal STATE Ut ZIP 84078		9. API NUMBER: 43-047-35252
4. LOCATION OF WELL FOOTAGES AT SURFACE: 734 FSL 2293 FWL 39.942494 LAT 109.595419 LON		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E 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 (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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 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. Ace Disposal
3. RN Industries.

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

NAME (PLEASE PRINT) <u>Kaylene R. Gardner</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE	DATE <u>2/17/2006</u>

(This space for State use only)

**RECEIVED
FEB 21 2006**

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 22791
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 536-18E
3. ADDRESS OF OPERATOR: P.O. Box 1815 Vernal Ut 84078		9. API NUMBER: 43-047-35252
4. LOCATION OF WELL FOOTAGES AT SURFACE: 734 FSL 2293 FWL 39.942494 LAT 109.595419 LON		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E 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 (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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<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 permission to change the Drilling Plan for the referenced well as per the attached Eight Point Drilling Plan.

*4-24-ab
LHO*

NAME (PLEASE PRINT) <u>Kaylene R Gardner</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE	DATE <u>3/24/2006</u>

(This space for State use only)

APPROVED BY THE STATE
DIVISION OF OIL, GAS AND MINING

Distilled

(See Instructions on Reverse Side)

MAR 28 2006

(5/2000)

Revised: EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

FORMATION	DEPTH (KB)
Green River FM	1,221'
Wasatch	4,496'
Chapita Wells	5,148'
Buck Canyon	5,856'

Estimated TD: **6,275' or 200'± below Buck Canyon top**

Anticipated BHP: 3,425 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 – 5000 Psig
BOP schematic diagrams attached.

4. CASING PROGRAM:

	<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
Conductor:	17 ½"	0' – 45'	13 ⅝"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12-1/4"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production:	7-7/8"	2,300'± – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

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/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

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)

Revised: EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

Float Equipment: (Cont'd)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 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

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

Revised: EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 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: 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: 121 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: 398 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.

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.

Revised: EIGHT POINT PLAN

NATURAL BUTTES UNIT 536-18E
SE/SW, SEC. 18, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

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)

10-03 EOG NBU 536-18E

Casing Schematic

Surface

Propose TOC Surface

BHP
 $(.052)(10.5)(6275) = 3426$
 Anticipate 3425

Gas
 $(.12)(6275) = 753$
 MASP = 2672

BOPE - 5,000 ✓

Surf Csg - 3520
 70% = 2464

Max pressure @ Surf Csg shoe = 2551

Test to 2464 ✓
 (± 1450 psi Surface press)

✓ Adequate DUCD
 4/14/06

9-5/8"
 MW 8.4
 Frac 19.3

TOC @
 2206.
 Surface
 2300. MD

4-1/2"
 MW 10.5

Production
 6275. MD

1221 Green River ✓ w/ 18% Washout
 1327 oil shale
 1798 TOC Tail

4165 TOC Tail
 4496 Wasatch
 4800 Bmsal

✓ w/ 2% Washout

Well name:	10-03 EOG NBU 536-18E		
Operator:	EOG Resources	Project ID:	43-047-35252
String type:	Surface		
Location:	Uintah County		

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: 65 °F
Bottom hole temperature: 97 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: Surface

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: 6,275 ft
Next mud weight: 10.500 ppg
Next setting BHP: 3,423 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	163.8
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
Utah Div. of Oil & Mining

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

Date: April 12, 2006
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.

Well name:	10-03 EOG NBU 536-18E		
Operator:	EOG Resources	Project ID:	
String type:	Production	43-047-35252	
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,670 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 3,423 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: 5,290 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 153 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 2,206 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 (ft³)
1	6275	4.5	11.60	N-80	LT&C	6275	6275	3.875	145.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3423	6350	1.855	3423	7780	2.27	61	223	3.63 J

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

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

Date: April 12, 2006
 Salt Lake City, Utah

Remarks:

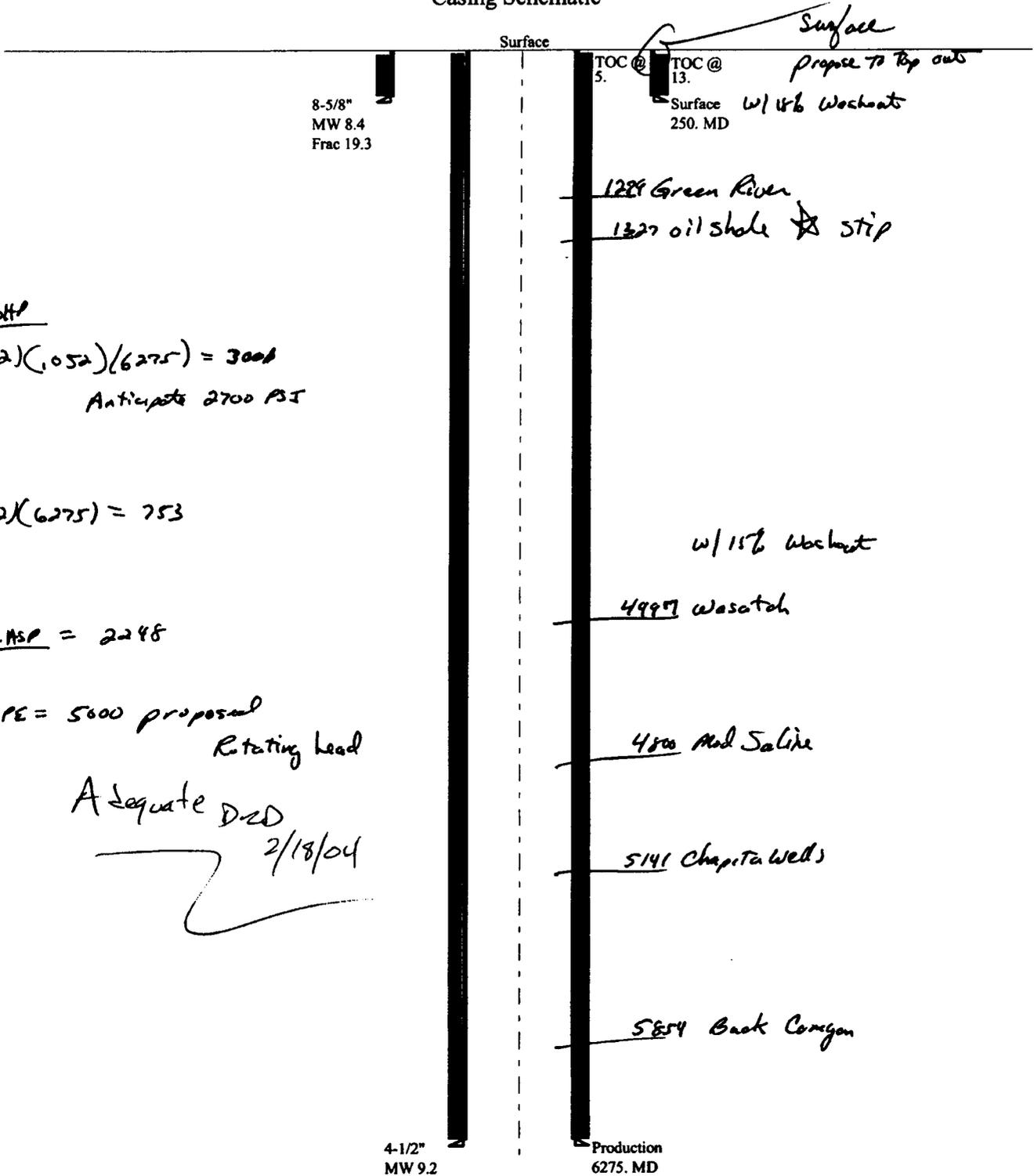
Collapse is based on a vertical depth of 6275 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

10-03 EOG NBU 536-18D

Casing Schematic



8-5/8"
MW 8.4
Frac 19.3

TOC @ 5.
TOC @ 13.
Surface 250. MD

Surface
Propose to top out

w/15% Washcoat

1289 Green River
1327 oil shale * slip

w/15% Washcoat

4997 Wasatch

4800 Mad Saline

5141 Chapita Wells

5854 Buck Canyon

4-1/2"
MW 9.2

Production
6275. MD

BHP
 $(9.2)(.052)(6275) = 3008$
 Anticipate 2700 PSI

$(.12)(6275) = 753$

MASP = 2248

BOPE = 5600 proposal
 Rotating head

Adequate D=20
 2/18/04

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

FORM 9

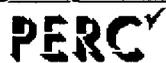
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL 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 536-18E
3. ADDRESS OF OPERATOR: 600 17th St. #1000N CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 824-5526	9. API NUMBER: 43-047-35252
4. LOCATION OF WELL FOOTAGES AT SURFACE: 734 FSL 2293 FWL 39.942494 LAT 109.595419 LON		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>DRILLING</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>OPERATIONS</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please see attached operations summary report for drilling operations performed on the subject well 3/11/2006 - 3/23/2006.
 EOG Resources, Inc. operates under Nationwide Bond #2308

NAME (PLEASE PRINT) <u>Mary Maestas</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u>Mary Maestas</u>	DATE <u>3/23/2006</u>



OPERATIONS SUMMARY REPORT

WELL NAME:	NBU 536-18E	AFE NO:	302487
RIG NAME:	PATTERSON #779	WELL ID NO.:	053382
FIELD NAME:	NATURAL BUTTES UNIT	API NO.:	43-047-35252
EVENT NO.:	1	EVENT DESC.:	DRILL & COMPLETE

DATE:	3/11/2006	DSS:		DEPTH:	2,040	MUD WT:		CUM COST TO DATE:	220,186.00
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
13.00	D	OT		MOVE RIG TO NBU 536-18E. RIG UP ROTARY TOOLS (ROADS VERY SLIPPERY).
11.00	D	OT		REPAIR PONY RODS IN #1 PUMP, CHANGE LINERS & SWABS.

SAFETY MEETING: WORKING AROUND RIG TRUCKS/WORKING ON PUMPS
 TEMP 19 DEGREES
 ROADS MUDDY
 NO ACCIDENTS

DATE:	3/12/2006	DSS:		DEPTH:	2,040	MUD WT:		CUM COST TO DATE:	271,561.00
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	D	OT		FINISH MOVING RIG & RIG UP ROTARY TOOLS.

SAFETY MEETING: RAISING FLOOR/WORK AROUND ELECTRICAL/WORKING ON BOP'S W/WET SURFACES
 (DAVE RYAN W/PATTERSON DRILLING ATTENDED MEETING)
 TEMP 22 DEGREES
 ROADS SLIPPERY

ACCIDENTS 1, JERRY HOPPE HIT HEAD. WENT TO DR & HAD CATSCAN, ALL OK. WILL RETURN TO WORK TO NIGHT

DATE:	3/13/2006	DSS:		DEPTH:	2,040	MUD WT:	8.40	CUM COST TO DATE:	305,263.00
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
8.00	D	OT		RIG UP ROTARY TOOLS. FIRE UP BOILER. START DAY WORK 14:00 HRS, 3/12/06.
4.00	D	NU		NIPPLE UP BOP STACK. CHOKE MANIFOLD. ROTATING HEAD.
5.50	D	TB		TESTED BOP STACK. TESTED BLIND & PIPE RAMS, UPPER KELLY, LOWER KELLY, INSIDE BOP, SAFETY VALVE, HCR, OUTSIDE VALVES, CHOKE LINE & MANIFOLD TO 5000 PSI FOR 10 MIN, LOW 250 PSIG FOR 5 MIN. TESTED ANNULAR PREVENTER TO 2500 PSI FOR 10 MIN, LOW 250 PSIG FOR 5 MIN. SURFACE CASING TO 1500 PSI FOR 30 MIN & SUPER CHOKE TO 5000 PSI FOR 10 MIN, LOW 250 PSIG FOR 5 MIN.
6.50	D	BH		PICK UP BHA & TRIP IN HOLE. MUD LOGGER ON 3/12/06.

SAFETY MEETING: SPUDDING IN/PK UP BHA/WORKING ON STEAM LINES
 BOILER 18 HRS
 FUEL ON HAND 3740 GAL
 NOTIFIED MIKE LEE W/BLM OF BOP TEST
 TEMP 23 DEGREES
 NO ACCIDENTS

DATE:	3/14/2006	DSS:	1	DEPTH:	3,000	MUD WT:		CUM COST TO DATE:	337,671.00
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OPERATIONS SUMMARY REPORT

WELL NAME:	NBU 536-18E	AFE NO:	302487
RIG NAME:	PATTERSON #779	WELL ID NO.:	053382
FIELD NAME:	NATURAL BUTTES UNIT	API NO.:	43-047-35252
EVENT NO.:	1	EVENT DESC.:	DRILL & COMPLETE

DATE:	3/14/2006	DSS:	1	DEPTH:	3,000	MUD WT:		CUM COST TO DATE:	337,671.00
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
1.00	D	TR		FINISH TRIP IN HOLE. TAG TOP CEMENT @ 1966'.
3.00	D	OT		RIG REPAIR, WORK ON PUMPS.
1.50	D	DC		DRILLING CEMENT 1966' TO 1975, WT 5000#.
0.50	D	RS		RIG SERVICED. CHECK CROWN-O-MATIC.
2.00	D	DC		DRILL FLOAT, CEMENT, SHOE 1975' TO 2040', WT 5000#.
0.50	D	OT		CIRC. CONDUCT INTEGRITY TEST, 600 PSI, 14 PPG @ 2040'.
3.00	D	DR		DRLG 2040' TO 2221', 181', 60.33' PH, WT 12/18, RPM 50/70, PSI 1200, SPM 120, GPM 442.
0.50	D	SU		WIRELINE SURVEY @ 2147', 1 DEGREE.
5.00	D	DR		DRLG 2221' TO 2601', 380', 76' PH, WT 16/20, RPM 50/70, PSI 1200, SPM 120, GPM 442.
0.50	D	SU		WIRELINE SURVEY @ 2601', MISRUN.
0.50	D	DR		DRLG 2601' TO 2637', 36', 72' PH, WT 16/18, RPM 50/70, PSI 1200, SPM 120, GPM 442.
0.50	D	SU		WIRELINE SURVEY @ 2637', 1 1/2 DEGREES.
5.50	D	DR		DRLG 2637' TO 3000', 363', 66' PH, WT 16/22, RPM 50/70, PSI 1250, SPM 120, GPM 442.
<p>FORMATION GREEN RIVER, SHALE 50%, SS 30%, LIMESTONE 20% BG GAS 800-1100U, CONN GAS 3300-4600U, DT GAS 7599U @ 2605', HIGH GAS 7599U @ 2605'</p> <p>SAFETY MEETING: MIXING CHEMICALS/MAKING CONNECTIONS BOILER 24 HRS, FUEL USED 904 GAL, ON HAND 2836 GAL TEMP 23 DEGREES NO ACCIDENTS</p>				
18.00	D			SPUDDED 7 7/8" HOLE @ 14:30 HRS, 3/13/06.

DATE:	3/15/2006	DSS:	2	DEPTH:	4,590	MUD WT:	8.80	CUM COST TO DATE:	384,161.80
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
1.50	D	DR		DRLG 3000' TO 3115', 115', 76.66' PH, WT 15/22, RPM 50/70, PSI 1350, SPM 120, GPM 440.
0.50	D	SU		WIRELINE SURVEY @ 3041', 1 DEGREE.
6.50	D	DR		DRLG 3115' TO 3653', 538', 82.76' PH, WT 15/22, RPM 50/70, PSI 1350, SPM 120, GPM 440.
0.50	D	RS		RIG SERVICED. FUNCTION TESTED PIPE RAMS. CK CROWN-O-MATIC.
6.00	D	DR		DRLG 3653' TO 4071', 418', 69.66' PH, WT 15/22, RPM 50/70, PSI 1400, SPM 120, GPM 440.
0.50	D	SU		WIRELINE SURVEY @ 3971', 1 1/2 DEGREES.
8.50	D	DR		DRLG 4071' TO 4490', 519', 61.05' PH, WT 15/22, RPM 50/70, PSI 1400, SPM 120, GPM 440.
<p>FORMATION WASATCH TOP 4491', SANDSTONE 50%, SHALE 40%, LIMESTONE 10% BG GAS 350/500U, CONN 1200/3800U, DOWN TIME GAS 7155U @ 3116', HIGH GAS 7155U DTG @ 3116'</p> <p>SAFETY MEETING: MAKING CONNECTIONS/WIRELINE SURVEY FUEL USED 1187 GAL, ON HAND 4149 GAL, BOILER 24 HRS TEMP 31 DEGREES NO ACCIDENTS</p>				

DATE:	3/16/2006	DSS:	3	DEPTH:	5,890	MUD WT:	9.15	CUM COST TO DATE:	424,894.70
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OPERATIONS SUMMARY REPORT

WELL NAME:	NBU 536-18E	AFE NO:	302487
RIG NAME:	PATTERSON #779	WELL ID NO.:	053382
FIELD NAME:	NATURAL BUTTES UNIT	API NO.:	43-047-35252
EVENT NO.:	1	EVENT DESC.:	DRILL & COMPLETE

DATE:	3/16/2006	DSS:	3	DEPTH:	5,890	MUD WT:	9.15	CUM COST TO DATE:	424,894.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
4.00	D	DR		DRILL ROTATE 4490' TO 4932', WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1500.
0.50	D	SR		SERVICED RIG.
1.50	D	DR		DRILL ROTATE 4932' TO 4995', WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1500.
0.50	D	SU		SURVEY @ 4920', 1.5 DEG.
4.00	D	DR		DRILL ROTATE 4995' TO 5251', WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1500.
1.00	K	RR		RIG REPAIR.
4.50	D	DR		DRILL ROTATE 5251' TO 5507', WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1500.
0.50	D	SU		ATTEMPT SURVEY @ 5507' MACHINE BROKE.
7.50	D	DR		DRILL ROTATE 5507' TO 5890', WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1500 ROP WITH CONNECTIONS 46.5 FPH. BRING MUD WT FROM 9.3 PPG TO 9.5 PPG.
<p>SAFETY MEETING: MAKING CONNECTIONS/MIXING CHEMICALS FUEL ON HAND 4807 GAL, USED 1342 GAL TEMP 22 DEG</p> <p>BG GAS 150/350U, CONN GAS 100/300U, TRIP GAS N/A, DOWN TIME GAS 2169U @ 4996', HIGH GAS 6255U @ 5655' NO FLARE LITHOLOGY 40% SANDSTONE, 40% RED SHALE, 20% SHALE</p>				

DATE:	3/17/2006	DSS:	4	DEPTH:	6,275	MUD WT:	9.70	CUM COST TO DATE:	459,540.50
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
3.00	D	DR		DRILL ROTATE 5890' TO 6014', WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1500.
0.50	D	SR		SERVICED RIG.
5.50	D	DR		DRILL ROTATE 6014' TO 6275' TD, WOB 15/20K, RPM 50/70, SPM 120, GPM 440, PSI 1600. REACHED TD AT 15:00 HRS, 3/16/06. HOLD BOP DRILL 13:30 HRS, WELL SECURE 36 SEC.
1.50	D	CA		PUMP HI-VIS SWEEP AROUND. CIRC. HOLE CLEAN.
2.50	D	TW		WIPER TRIP/SHORT TRIP FROM 6275' TO 4500'.
1.50	D	CA		CIRCULATE HOLE CLEAN. DROP SURVEY. HOLD PRE-JOB SAFETY MTG. RIG UP LAY DOWN MACHINE.
8.00	D	TR		POH, LAY DOWN DRILL PIPE & BHA RETREIVE SURVEY. BREAK KELLY.
1.00	D	RS		HOLD PRE-JOB SAFETY MTG. RIG UP WEATHERFORD.
0.50	D	RC		PICK UP SHOE & MAKE UP SHOE TRACK THREAD LOCK SHOE, FLOAT & JT ON TOP OF FLOAT. CHECK FLOATS.
<p>NO ACCIDENTS SAFETY MEETING: LAYING DOWN PIPE/RUNNING CASING FUEL 3872 GAL, 935 GAL USED TEMP 32 DEG</p> <p>BG GAS 150/350U, CONN GAS 100/300U, SHORT TRIP GAS 325U, DOWN TIME GAS N/A, HIGH GAS 1098 @ 5841' LITHOLOGY 40% SANDSTONE, 40% RED SHALE, 20% SHALE</p>				

DATE:	3/18/2006	DSS:	5	DEPTH:	6,275	MUD WT:	9.90	CUM COST TO DATE:	573,585.70
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OPERATIONS SUMMARY REPORT

WELL NAME:	NBU 536-18E	AFE NO:	302487
RIG NAME:	PATTERSON #779	WELL ID NO.:	053382
FIELD NAME:	NATURAL BUTTES UNIT	API NO.:	43-047-35252
EVENT NO.:	1	EVENT DESC.:	DRILL & COMPLETE

DATE:	3/18/2006	DSS:	5	DEPTH:	6,275	MUD WT:	9.90	CUM COST TO DATE:	573,585.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
5.00	D	RC		RAN 162 JTS (159 FULL JTS + 2 MARKER JTS + 1 SHORT JT) 4.5", N-80, 11.6#, LTC PROD CASING. LANDED AT 6270' KB. RAN AS FOLLOWS: FS, MARKER JT AT 6248', FLOAT COLLAR AT 6247', 71 JTS CASING, MARKER JT AT 3480', 86 JTS CASING, SHORT JT AT 102', 2 JTS CASING. SURFACE TO 2269' INSTALL CENTRILIZERS 5' FROM SHOE, #2 JT & EVERY 4TH JT TO 4095' FOR A TOTAL OF #15. MAKE UP LANDING JT. TAG BOTTOM @ 6275' PICK UP, MAKE UP MANDRAL HANGER & LANDING JT.
2.00	D	CM		CIRC BOTTOMS UP 120 SPM 400 PSI. HOLD PRE-JOB SAFETY MTG. RIG UP SCHLUMBERGER. PRESSURE TEST LINES TO 6000 PSI.
2.00	D	CM		PUMP 20 BBL WASH, 20 BBL SPACER. PUMP 156 BBL LEAD WITH .12% DTO, 1% DO79, 0.25% D112, .2% DO46, .25# SX DO29, 5%DO44 (BWOC) MIXED @ 11.0 PPG 3.91 CU FT/SX, 24.46 GPS WATER MIX & PUMP TAIL WITH 640 SX 50/50 POZ G, 2% DO20(BENTONITE) 0.1% DO46 (ANTIFOAM), .2% D167, .2% D065 MIXED @ 14.1 PPG, 1.29 CU FT/SX, 5.96 GPS WATER. WHILE 104 BBL INTO TAIL, BULK TANK PLUGGED. SHORT 20 SX CMNT(5 BBL) . DROP TOP PLUG DISPLACE W/97.2 BBL WATER FINAL CIRC PRESS 1300 PSI. BUMP PLUG FLOAT HOLDING. BLED BACK 1 BBL WATER. LAND MANDRAL IN HANGAR SW= 38K, SHOE @ 6269' FMC PRESSURE TEST MANDRAL HANGER 5000 PSI 15 MIN
3.00	D	CB		CLEAN MUD TANKS.
6.00	D			RELEASED RIG AT 18:00 HRS, 3/17/06. CASING POINT COST \$474,463

DATE:	3/23/2006	DSS:	6	DEPTH:	6,275	MUD WT:		CUM COST TO DATE:	611,435.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		RU SCHLUMBERGER. RAN RST/CBL/VDL/GR/CCL FROM PBTD TO 300'. CEMENT TOP @ 750'. RD SCHLUMBERGER.

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-22791
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 536-18E
3. ADDRESS OF OPERATOR: 600 17th St. #1000N CITY Denver STATE CO ZIP 80202		9. API NUMBER: 43-047-35252
4. LOCATION OF WELL FOOTAGES AT SURFACE: 734 FSL 2293 FWL 39.942494 LAT 109.595419 LON		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E 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 (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 type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Completion 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.

Please see attached operations summary report for operations performed on the subject well 3/26/2006 - 4/03/2006.

EOG Resources, Inc. operates under Nationwide Bond #2308

NAME (PLEASE PRINT) <u>Mary Maestas</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u><i>Mary Maestas</i></u>	DATE <u>4/10/2006</u>



OPERATIONS SUMMARY REPORT

WELL NAME: NBU 536-18E	AFE NO: 302487
RIG NAME: PATTERSON #779	WELL ID NO.: 053382
FIELD NAME: NATURAL BUTTES UNIT	API NO.: 43-047-35252
EVENT NO.: 1	EVENT DESC.: DRILL & COMPLETE

DATE: 3/26/2006	DSS: 8	DEPTH: 6,275	MUD WT:	CUM COST TO DATE: 752,067.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		NU 5M BOPE. TEST CASING TO 5000 PSIG.

DATE: 3/28/2006	DSS: 7	DEPTH: 6,275	MUD WT:	CUM COST TO DATE: 892,699.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		MIRU CUTTERS WIRELINE. PERFORATED Ba/Ca FROM 5750'-51', 5818'-19', 5825'-26', 5835'-38'-5891'-92', 5920'-21', 5979'-80', 5993'-94', 6033'-34', 6079'-80' & 6089'-90' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 2510 GAL YF125ST+ PAD, 17230 GAL YF125ST+ WITH 56300# 20/40 SAND @ 1-8 PPG. MTP 3602 PSIG. MTR 31.4 BPM. ATP 2976 PSIG. ATR 29.1 BPM. ISIP 2310 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5720'. PERFORATED Ca FROM 5657'-60', 5667'-70' & 5680'-83' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4988 GAL YF125ST+ PAD, 20128 GAL YF125ST+ WITH 86100# 20/40 SAND @ 1-8 PPG. MTP 3388 PSIG. MTR 30.7 BPM. ATP 2844 PSIG. ATR 30.7 BPM. ISIP 2560 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5530'. PERFORATDE Ca FROM 5323'-26', 5335'-37', 5341'-43' & 5464'-66' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4993 GAL YF125ST+ PAD, 20123 GAL YF125ST+ WITH 85400# 20/40 SAND @ 1-8 PPG. MTP 3702 PSIG. MTR 30.4 BPM. ATP 3118 PSIG. ATR 29.1 BPM. ISIP 1900 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5300'. PERFORATED Ca FROM 5158'-59', 5172'-73', 5206'-09', 5219'-20', 5232'-33', 5257'-59' & 5273'-76' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4996 GAL YF125ST+ PAD, 34274 GAL YF125ST+WITH 152880# 20/40 SAND @ 1-8 PPG. MTP 4259 PSIG. MTR 40.7 BPM. ATP 3231 PSIG. ATR 38.1 BPM. ISIP 2320 PSIG. RD SCHLUMBERGER.

FLOWED 15 HRS. 32/64" CHOKE. FCP 1340 PSIG. 38 BFPH. RECOVERED 698 BLW. 1998 BLWTR.

DATE: 3/29/2006	DSS: 8	DEPTH: 6,275	MUD WT:	CUM COST TO DATE: 897,149.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		FLOWED 24 HRS. 32/64" CHOKE. FCP 1300 PSIG. 28 BFPH. RECOVERED 729 BLW. 1269 BLWTR.

DATE: 3/30/2006	DSS: 9	DEPTH: 6,275	MUD WT:	CUM COST TO DATE: 904,610.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		FLOWED 24 HRS. 32/64" CHOKE. FCP 1150 PSIG. 18 BFPH. RECOVERED 479 BLW. 790 BLWTR.

DATE: 3/31/2006	DSS: 10	DEPTH: 6,275	MUD WT:	CUM COST TO DATE: 912,071.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		FLOWED 24 HRS. 32/64 "CHOKE. FCP 1050 PSIG. 15 BFPH. RECOVERED 345 BLW. 445 BLWTR.

DATE: 4/1/2006	DSS: 11	DEPTH: 6,275	MUD WT:	CUM COST TO DATE: 954,638.70
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OPERATIONS SUMMARY REPORT

WELL NAME:	NBU 536-18E	AFE NO.:	302487
RIG NAME:	PATTERSON #779	WELL ID NO.:	053382
FIELD NAME:	NATURAL BUTTES UNIT	API NO.:	43-047-35252
EVENT NO.:	1	EVENT DESC.:	DRILL & COMPLETE

DATE:	4/1/2006	DSS:	11	DEPTH:	6,275	MUD WT:		CUM COST TO DATE:	954,638.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
13.00	C	OT		MIRU ROYAL WELL SERVICE. FCP 1050 PSIG. 32/64" CHOKE. PUMPED 70 BBLS TREATED WATER DOWN CSG. RIH WITH 3-7/8" MILL TOOTH BIT & PUMP OFF BIT SUB. CLEANED OUT & DRILLED OUT PLUGS @ 5300', 5530' & 5730'. CLEANED OUT FROM 6185' TO PBSD @ 6247'. LANDED TUBING @ 6075' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. SI. SDFN. LOST 630 BW WHILE DRILLING OUT. 1075 BLWTR.
				TUBING DETAIL
				LENGTH
				PUMP OFF BIT SUB .91'
				1-JT 2-3/8" 4.7# J55 TBG 32.65'
				XN NIPPLE 1.10'
				189-JTS 2-3/8" 4.7# J55 TBG 6022.13'
				BELOW KB 18.00'
				LANDED @ 6074.79' KB.

DATE:	4/2/2006	DSS:	12	DEPTH:	6,275	MUD WT:		CUM COST TO DATE:	961,637.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		SITP 0 PSIG. SICP 600 PSIG. RU TO SWAB. IFL @ 700'. MADE 6 SWAB RUNS, WELL SWABBED IN. RECOVERED ±80 BW. RDMOSU.
				FLOWED 18 HRS. 32/64" CHOKE. FTP 800 PSIG. CP 1400 PSIG. 20 BFPH. RECOVERED 408 BBLS, 587 BLWTR.

DATE:	4/3/2006	DSS:	13	DEPTH:	6,275	MUD WT:		CUM COST TO DATE:	964,037.70
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<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	<u>ACTIVITY DESCRIPTION</u>
24.00	C	OT		FLOWED 24 HRS. 32/64" CHOKE. FTP 825 PSIG. CP 1450 PSIG. 15 BFPH. RECOVERED 384 BBLS, 203 BLWTR. SWI. TURN WELL OVER TO PRODUCTION DEPARTMENT. WO FACILITIES.
				FINAL COMPLETION DATE: 4/2/06

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 22791
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 536-18E
3. ADDRESS OF OPERATOR: P.O. Box 1815 Vernal Ut 84078		9. API NUMBER: 43-047-35252
4. LOCATION OF WELL FOOTAGES AT SURFACE: 734 FSL 2293 FWL 39.942494 LAT 109.595419 LON		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input 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.

INITIAL PRODUCTION: The referenced well was turned to sales 4/18/2006 through Kerr-Magee meter # 985289 on a 10/64" choke. Opening pressure, FTP 1850 psig, CP 2000 psig.

NAME (PLEASE PRINT) <u>Kaylene R. Gardner</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE	DATE <u>4/19/2006</u>

(This space for State use only)

RECEIVED
APR 20 2006

DIV. OF OIL, GAS & MINING

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 536-18E
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-047-35252
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 734' FSL & 2293' FWL 39.942494 LAT -109.595419 LON AT TOP PRODUCING INTERVAL REPORTED BELOW: Same AT TOTAL DEPTH: Same		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 10S 21E S
		12. COUNTY Uintah
		13. STATE UTAH

14. DATE SPUNDED: 2/8/2006	15. DATE T.D. REACHED: 3/16/2006	16. DATE COMPLETED: 4/18/2006	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5199' KB
18. TOTAL DEPTH: MD 6,275 TVD _____	19. PLUG BACK T.D.: MD 6,238 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/VDL/GR/CCL		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	2,028		595			
7-7/8'	4-1/2 N-80	11.6#	0	6,270		640			

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	6.075							

26. PRODUCING INTERVALS <i>WSMUD / Unit Drilling Orders</i>					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Wasatch	5,158	6,090			5,750 6,090		2/spf	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)					5,657 5,683		3/spf	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)					5,323 5,466		3/spf	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)					5,158 5,276		3/spf	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5750-6090	19,740 GALS GELLED WATER & 56,300 # 20/40 SAND
5657-5683	25,116 GALS GELLED WATER & 86,100 # 20/40 SAND
5323-5466	25,116 GALS GELLED WATER & 85,400 # 20/40 SAND

29. ENCLOSED ATTACHMENTS:		<div style="font-size: 2em; font-weight: bold; text-align: center;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; text-align: center;">MAY 11 2006</div> <div style="font-size: 1.2em; font-weight: bold; text-align: center;">DIV. OF OIL, GAS & MINING</div>
<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: _____		
		Producing well

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/18/2006		TEST DATE: 4/23/2006		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 642	WATER - BBL: 60	PROD. METHOD: Flows from well
CHOKE SIZE: 12/64"	TBG. PRESS. 1,640	CSG. PRESS. 1,900	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 730	WATER - BBL: 40	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.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, 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	5,158	6,090		Wasatch Chapita Wells Buck Canyon	4,505 5,124 5,879

35. ADDITIONAL REMARKS (Include plugging procedure)

See attached sheet.

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

NAME (PLEASE PRINT) Mary Maestas TITLE Operations Clerk
 SIGNATURE Mary Maestas DATE 5/10/2006

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

ADDITIONAL REMARKS (CONTINUED):

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

5158-5276	39,270 GALS GELLED WATER & 152,880 # 20/40 SAND
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35. ADDITIONAL REMARKS

Perforated Buck Canyon/Chapita Wells from 5750'-51', 5818'-19', 5825'-26', 5835'-38', 5891'-92', 5920'-21', 5979'-80', 5993'-94', 6033'-34', 6079'-80', 6089'-90' @ 2/SPF & 180° phasing.

Perforated Chapita Wells from 5657'-60', 5667'-70', 5680'-83' @ 3/SPF & 120° phasing.

Perforated Chapita Wells from 5323'-26', 5335'-37', 5341'-43', 5464'-66' @ 3/SPF & 120° phasing.

Perforated Chapita Wells from 5158'-59', 5172'-73', 5206'-09', 5219'-20', 5232'-33', 5257'-59', 5273'-76' @ 3/SPF & 120° phasing.

7. **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 not yet BIA nb/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **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:

1. Changes entered in the **Oil and Gas Database** on: 5/18/2006

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/18/2006

3. Bond information entered in RBDMS on: 5/18/2006

4. Fee/State wells attached to bond in RBDMS on: 5/18/2006

5. Injection Projects to new operator in RBDMS on: n/a

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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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DEC 24 2009

DIV. OF OIL, GAS & MINING

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

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

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	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 536-18E
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047352520000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0734 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 10.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/23/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This well returned to production on 11/23/2010.

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

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

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-22791
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 536-18E
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		9. API NUMBER: 43047352520000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6511	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0734 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 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: 12/20/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE SUBJECT WELL WAS RETURNED BACK TO PRODUCTION ON 12/20/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 12, 2012		
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/12/2012

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-22791
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 536-18E	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047352520000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0734 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 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: 5/26/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The NBU 536-18E well was returned to production on 5/26/2015. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 02, 2015		
NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 5/27/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 536-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0734 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 10.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047352520000
PHONE NUMBER: 720 929-6456	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
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: 7/18/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 536-18E well. Please see the attached procedure for details. Thank you.

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

Date: July 28, 2016
 By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 7/18/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047352520000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
 - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

7/28/2016

Wellbore Diagram

r263

API Well No: 43-047-35252-00-00 Permit No: Well Name/No: NBU 536-18E

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

Location: Sec: 18 T: 10S R: 21E Spot: SESW

Coordinates: X: 619945 Y: 4422310

Field Name: NATURAL BUTTES

County Name: Uintah

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (ft)
HOL1	2028	12.25			
SURF	2028	9.625	36		
HOL2	6275	7.875			
PROD	6270	4.5	11.6		11.459
TI	6075	2.375			

$9\frac{5}{8}'' \times 4\frac{1}{2}'' \rightarrow 3.090$

Plug #7
 $\frac{1W}{100'} = 85K$
 $\frac{OUT}{100'} / (1.15)(3.090) = 285K$
365K total

Plug #6
 $165K = 210'$ TOC @ 1153' ✓ OK.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6270	600	HC	224
PROD	6270	600	50	640
SURF	2028	0	UK	595

Cement from 2028 ft. to surface
 Surface: 9.625 in. @ 2028 ft.
 Hole: 12.25 in. @ 2028 ft.

Plug #5
 $(165K)(1.15)(11.459) = 237'$
 TOC @ 1843' ✓ OK.

Plug #4
 $165K = 210'$
 TOC @ 2695' ✓ OK.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5158	6090			

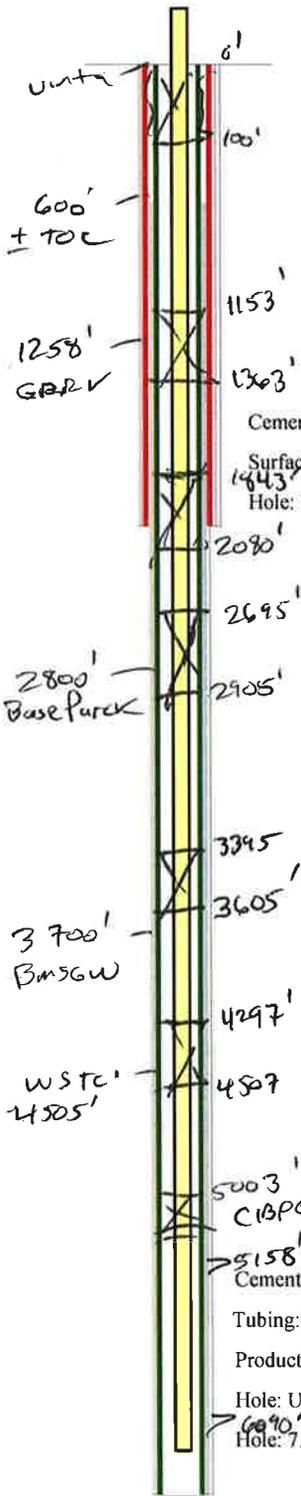
Plug #3
 $165K = 210'$
 TOC @ 3395' ✓ OK.

Plug #2
 $(165K)(1.15)(11.459) = 210'$
 TOC @ 4297' ✓ OK.

Formation Information

Formation	Depth
GRRV	1258
PARCK	2800
BMSW	3700
WSTC	4505
CHPTA	5124
BUKCN	5879

Plug #1
 $(85K)(1.15)(11.459) = 105'$
 TOC @ 5003' ✓ OK.



TD: 6275 TVD: PBTD: 6238

NBU 536-18E
734' FSL & 2293' FWL
SESW SEC. 18, T10S, R21E
UINTAH UT

KBE:	5199'	API NUMBER:	4304735252
GLE:	5181'	LEASE NUMBER:	ML-22791
TD:	6275'	LAT/LONG:	39.942425/-109.596029
PBTD:	6238'		

CASING : 12.25" hole
SURFACE 9.625" 36# J-55 @ 2028'

PRODUCTION 7.875" hole
 4.5" 11.6# N-80 @ 6270'
 Est. TOC @ 300' CBL

PERFORATIONS: WASATCH TOP-BOTTOM 5158'-6090'

TUBING: 2.375" 4.7# tbg at 6075'

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

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

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Top Green River	1258'
Top Mahogany	1939'
Base Parachute	2800'
Top Wasatch	4507'
Top Mesaverde	0'

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

BMSW Elevation ~1699' MSL
 BMSW Depth ~3500'

NBU 536-18E PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

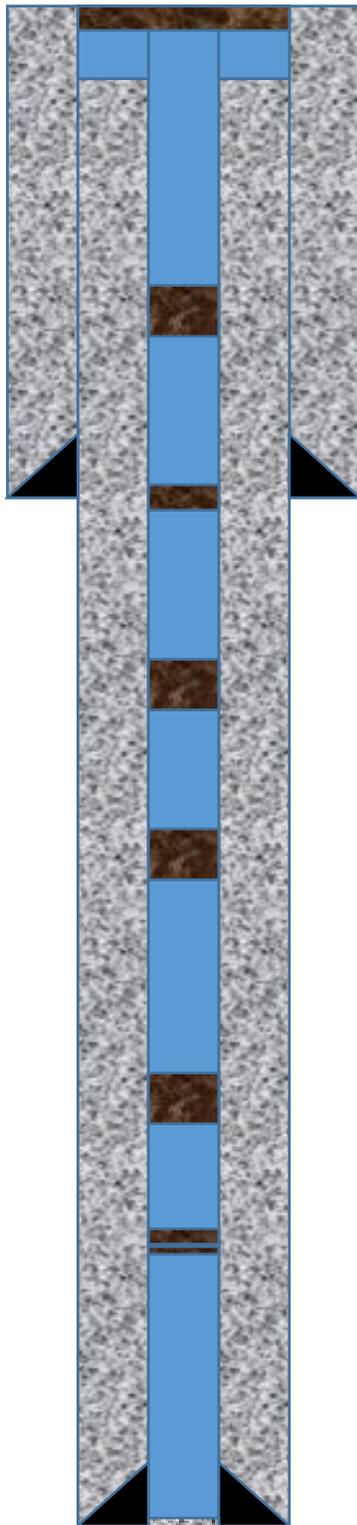
PERTINENT WELL HISTORY: SN @ 6275', no w/o since 4/1/06

PROCEDURE Note: Approx. **126 SXS** Class "G" cement needed for procedure & **(1) 4.5" CIBP**

Note: NO GYRO ON RECORD. (IF GYRO NEEDED, A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE).

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE PERFORATIONS (6090'-5158'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~5108', (50' above top perf at 5158'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 5108' to 5003' (8 SXS, 9.16 FT3, 1.64 BBLS).
4. PROTECT WASATCH TOP (4507'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 4507' to 4297' (16 SXS, 18.32 FT3, 3.27 BBLS).
5. PROTECT BMSW (3500'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 3605' to 3395' (16 SXS, 18.32 FT3, 3.27 BBLS).
6. PROTECT PARACHUTE BASE (2800'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 2905' to 2695' (16 SXS, 18.32 FT3, 3.27 BBLS).
7. PROTECT CASING SHOE (2028') & TOP OF MAHOGANY: PUH WITH TUBING AND PUMP CMT F/ 2080' to 1840' (18 SXS, 20.8 FT3, 3.6 BBLS).
8. PROTECT GREEN RIVER (1258'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 1363' to 1153' (16 SXS, 18.32 FT3, 3.27 BBLS).
9. PROTECT SURFACE (101'): POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~101' (TOC @ ~300'). RU TO PROD CASING. PUMP A MINIMUM OF (36 SXS, 41.22 FT3, 7.35 BBLS) CMT TO FILL PRODUCTION CASING AND ANNULUS FROM 101' TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

NBU 536-18E



Total SXS: 126,

<- Plug for Surface at 0' from 0' to 101' with 36SXS,101ft.

<- TOC at 300'

<- Plug for GreenRiver at 1258' from 1363' to 1153' with 16SXS,210ft.

<- Mahogany at 1939'
<- Plug for Surface Shoe & Mahogany from 2080' to 1840'. 18 SXS

<- Plug for Parachute Base at 2800' from 2905' to 2695' with 16SXS,210ft.

<- Plug for BMSW at 3500' from 3605' to 3395' with 16SXS,210ft.

<- Plug for Wasatch at 4507' from 4507' to 4297' with 16SXS,210ft.

<- Plug above CIBP at 5108' from 5108' to 5003' with 8SXS,105ft.
<-CIBP Above Perfs at 5108'
<-Top Perf at 5158'

<-PBTD at 6238'
<- Production Casing Shoe at 6270'
<-TD at 6275'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 536-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0734 FSL 2293 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 10.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047352520000
10. PHONE NUMBER: 720 929-6456	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: Uintah
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/2/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 536-18E well on 9/2/2016. Please see the operations summary report for details. Thank you.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 September 12, 2016**

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 9/8/2016	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 536-18E					Spud date: 3/13/2006			
Project: UTAH-UINTAH			Site: NBU 536-18E			Rig name no.: MILES-GRAY 1/1		
Event: ABANDONMENT			Start date: 8/30/2016		End date: 9/2/2016			
Active datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 536-18E				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/1/2016	9:00 - 9:45	0.75	ABANDP	30	G	P		ROAD RIG TO LOCATION FROM NBU 198.
	9:45 - 11:00	1.25	ABANDP	30	A	P		MIRU . SPOT IN ALL EQUIP.
	11:00 - 13:00	2.00	ABANDP	30	F	P		FCP & FTP = 48#. BLOW DOWN WELL TO PRODUCTION TANK. NDWH (1.5HRS DUE TO RUSTED BOLTS). FUNCTION TEST BOP GOOD. UN-LAND TBNG TO SEE IF IT WAS FREE (STUCK). STRIP IN PUP JT. LAND TBNG BACK ON HANGER. NUBOP. UN-LAND TBNG & REMOVE HANGER. P/U 1JT OF TBNG.
	13:00 - 14:00	1.00	ABANDP	31		P		BEGIN WORKING STUCK PIPE. NOTICED +/- 1' OF FREE TRAVEL IN THE TBNG STRING. SUSPECTED THERE WAS POSSIBLY A PACKER IN THE WELL. CHECK ALL AVAILABLE RECORDS BUT COULD NOT FIND ANY MENTION OF A PACKER BEING. IN THE WELL. WORK PACKER TO THE RIGHT UNTIL PACKER RELEASED.
	14:00 - 17:00	3.00	ABANDP	31	I	P		MIRU SCANNERS. POOH WHILE SCANNING 2-3/8" J-55 TBNG. PACKER WAS DRAGGING UP HOLE WHILE PULLING PIPE, WE HAD TO STOP SEVERAL TIMES & BEAT IT THRU SUSPECTED SCALE. L/D ALL TBNG FOR BETTER INSPECTION. L/D PACKER. TBNG SCAN RESULTS AS FOLLOWS: Y-BND= 139JTS R-BND= 52JTS. RDMO SCANNERS. SWIFN. SDFN. NOTE: RICHARD POWELL W/ UDOGM WAS NOTIFIED OF P&A ACTIVITY ON 8/31/16. RICHARD SAID TO PROCEED AS PLANNED. HE WAS NOT ON LOCATION TODAY 9/1/16.
9/2/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 9:30	2.25	ABANDP	31	G	P		SICP= 850#. BLOW DOWN WELL TO FLOWBACK TANK. CNTRL CSNG W/ 30BBLS TMAC. P/U & RIH W/ 4-1/2" CIBP + 160JTS 2-3/8" J-55 TBNG. SET CIBP @ 5100'. PUH 10'
	9:30 - 10:15	0.75	ABANDP	31	H	P		BREAK CONV CIRC W/ TMAC. CIRC WELLBORE CLEAN & GAS FREE W/ 80BBLS TMAC.
	10:15 - 10:30	0.25	ABANDP	52	F	P		PRESSURE TEST 4-1/2" PRODUCTION CSNG & CIBP GOOD @ 500#. LOST 0# IN 10MIN.

US ROCKIES REGION

Operation Summary Report

Well: NBU 536-18E

Spud date: 3/13/2006

Project: UTAH-UINTAH

Site: NBU 536-18E

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 8/30/2016

End date: 9/2/2016

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: NBU 536-18E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:30 - 16:00	5.50	ABANDP	51	D	P		<p>MIRU CMT CREW. PUMP CMT PLUGS AS POOH W/ TBNG. ALL CMT PUMPED @ 15.8# AND IS G CMT. PUMP CMT PLUGS AS FOLLOWS:</p> <p>#1 CIBP @ 5100'. PUMP 2.6BBL FRESH WATER. PUMP 10SX CMT. DISPLACE W/ 1BBL FRESH WATER & 18.1BBLS TMAC. PUH TBNG.</p> <p>#2. EOT @ 4507'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 15.4BBLS TMAC. PUH TBNG.</p> <p>#3. EOT @ 3605'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 11.9BBLS TMAC. PUH TBNG.</p> <p>#4. EOT @ 2905'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 9.2BBLS TMAC. PUH TBNG.</p> <p>#5. EOT @ 2080'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 6BBLS TMAC. PUH TBNG.</p> <p>#6. EOT @ 1363'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 3.2BBLS TMAC. POOH WHILE L/D ALL TBNG.</p> <p>R/D FLOOR & TBNG EQUIP. NDBOP. RDMO RIG. MIRU ROUSTABOUT CREW. EXPOSE WELLHEAD. CUT & LOWER WELLHEAD. PUMP SURFACE CMT AS FOLLOWS:</p> <p>PUMP 4-1/2" CSNG FIRST (TBNG DISPLACEMENT FROM POOH = 2.3BBLS). PUMP 15SX CMT DOWN 4-1/2" CSNG UNTIL FULL @ SURFACE. STAYED FULL.</p> <p>NOTE: RICHARD POWELL W/ UDOGM ON LOCATION TO WITNESS P&A. HE DID NOT WITNESS THE PRESSURE TEST AND DID NOT WITNESS TOPPING THE CMT OUT & CAPPING THE WELL. HE DID SAY TO PLUG THE WELL AS PER THE PROCEDURE.</p> <p>RIH W/ 60' OF 1" TBNG DOWN 4-1/2" X 9-5/8" ANNULUS. T/U ON SUSPECTED CMT OR DRILLING MUD. PUMP 35SX CMT UNTIL GOOD CLEAN CMT @ SURFACE. STAYED FULL.</p> <p>ROUSTABOUT CREW INSTALLED MARKER PLATE. BACKFILL WELLHEAD. P&A COMPLETE.</p> <p>WELLHEAD COORDINATES:</p> <p>LAT: 39.942425</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 536-18E				Spud date: 3/13/2006				
Project: UTAH-UINTAH			Site: NBU 536-18E			Rig name no.: MILES-GRAY 1/1		
Event: ABANDONMENT			Start date: 8/30/2016		End date: 9/2/2016			
Active datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 536-18E				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
LONG: -109.596029								