

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU64422
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES, INC. Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		7. If Unit or CA Agreement, Name and No.
3a. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-824-5526	8. Lease Name and Well No. HOSS 73-33
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon At proposed prod. zone NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon		9. API Well No. 43047-39706
14. Distance in miles and direction from nearest town or post office* 35.3 MILES SOUTH OF VERNAL, UT		10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH/MV
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 662' LEASE LINE	16. No. of Acres in Lease 2480.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec 33 T8S R23E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 3700'	19. Proposed Depth 9670 MD	12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5030 GL	22. Approximate date work will start	13. State UT
23. Estimated duration 45 DAYS		

24. Attachments

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

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

25. Signature (Electronic Submission) 	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 10/10/2007
Title REGULATORY ASSISTANT		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 11-15-07
Title Office ENVIRONMENTAL MANAGER		

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

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

Additional Operator Remarks (see next page)

Electronic Submission #56722 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal

**RECEIVED**

**OCT 16 2007**

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

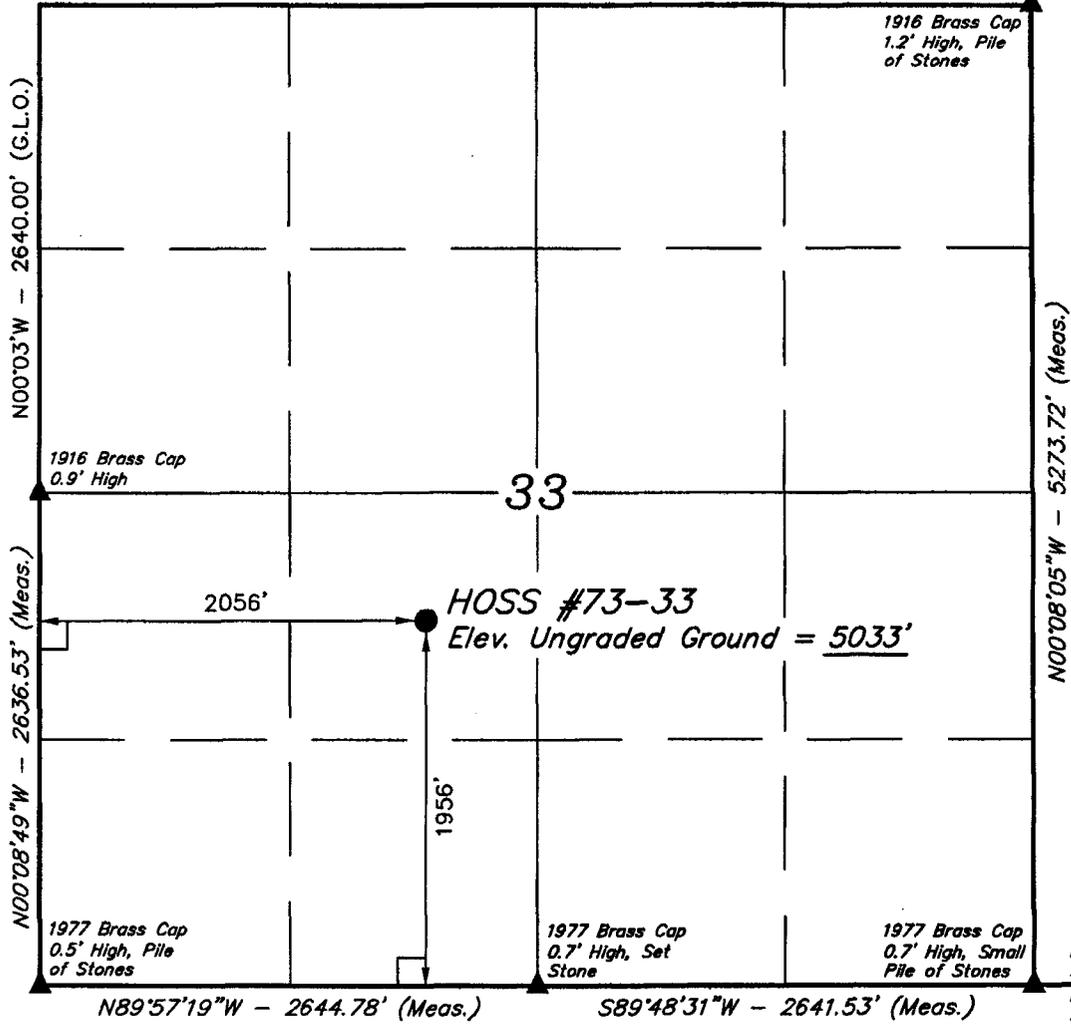
**Federal Approval of this  
Action is Necessary**

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

642099X  
44374654  
40.077371  
-109.333499

# T8S, R23E, S.L.B.&M.

N89°58'W - 5294.52' (G.L.O.)



## EOG RESOURCES, INC.

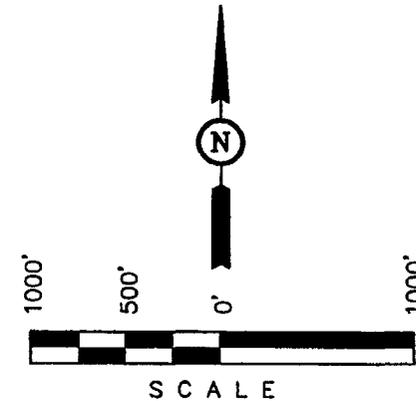
Well location, HOSS #73-33, located as shown in the NE 1/4 SW 1/4 of Section 33, T8S, R23E, S.L.B.&M., Uintah County, Utah.

### BASIS OF ELEVATION

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

### BASIS OF BEARINGS

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



### CERTIFICATION

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



REVISED: 07-23-07

### LEGEND:

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

(NAD 83)  
 LATITUDE = 40°04'38.45" (40.077347)  
 LONGITUDE = 109°20'03.11" (109.334197)  
 (NAD 27)  
 LATITUDE = 40°04'38.58" (40.077383)  
 LONGITUDE = 109°20'00.66" (109.333517)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-23-07	DATE DRAWN: 03-26-07
PARTY T.A. E.D. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

STATE OF COLORADO )

) ss

COUNTY OF DENVER )

VERIFICATION

Mary A. Maestas, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant of EOG Resources, Inc., of Denver, Colorado. EOG Resources, Inc. is the operator of the following described well:

**HOSS 73-33  
1956' FSL – 2056' FWL (NESW)  
SECTION 33, T8S, R23E  
UINTAH COUNTY, UTAH**

EOG Resources, Inc., Kerr-McGee Oil & Gas Onshore LP, Questar Exploration and Production Company, and Encana Oil & Gas (USA) Inc., Exhibit A, are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 10<sup>th</sup> day of October, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

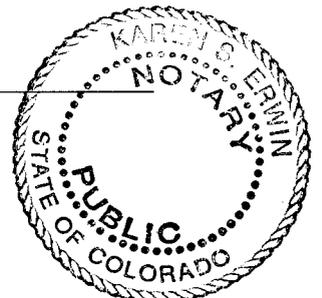
Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, Kerr-McGee Oil & Gas Onshore LP, Questar Exploration and Production Company, and Encana Oil & Gas (USA) Inc.

Further affiant saith not.

  
\_\_\_\_\_  
Mary A. Maestas  
Regulatory Assistant

Subscribed and sworn before me this 10<sup>th</sup> day of October, 2007.

  
\_\_\_\_\_  
Notary Public



My Commission Expires:

June 25, 2011

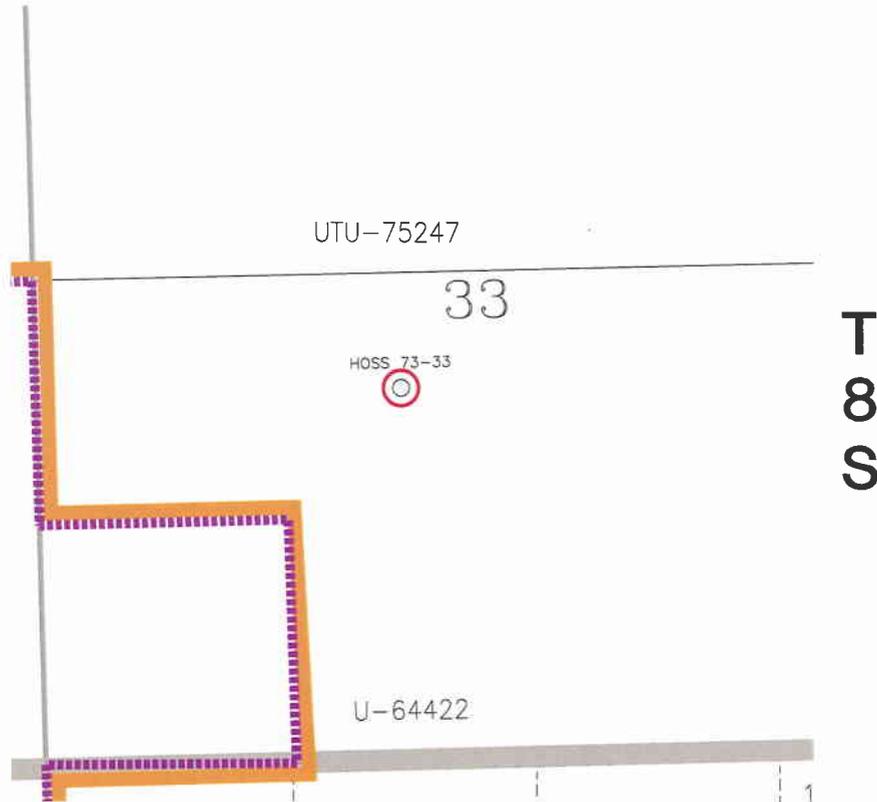
Exhibit "A" to Affidavit  
Hoss 73-33 Application to Commingle

Kerr-McGee Oil & Gas Onshore LP  
1999 Broadway, Suite 3700  
Denver, CO 80202  
Attn: Mr. W. Chris Latimer

Questar Exploration and Production Company  
Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265  
Attention: Mr. Nate Koeniger

Encana Oil & Gas (USA) Inc.  
370 17th Street, Suite 1700  
Denver, Colorado 80202  
Attn: Mr. Barrett Brannon

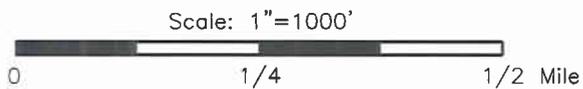
R 23 E



○ HOSS 73-33

— Badlands Unit Outline

⋯ Wasatch/Mesaverde/Mancos Fms P.A. "C"



Denver Division

EXHIBIT "A"

HOSS 73-33

Commingling Application

Uintah County, Utah

Scale: 1" = 1000'

D:\utah\Commingled\Hoss73-33\_commingled.dwg  
Layout1

Author  
GT

May 24, 2007 -  
2:18pm

**EIGHT POINT PLAN**

**HOSS 73-33**  
**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	2,160		Shale	
Wasatch	5,066	Primary	Sandstone	Gas
Chapita Wells	5,680	Primary	Sandstone	Gas
Buck Canyon	6,321	Primary	Sandstone	Gas
North Horn	6,930	Primary	Sandstone	Gas
KMV Price River	7,425	Primary	Sandstone	Gas
KMV Price River Middle	8,241	Primary	Sandstone	Gas
KMV Price River Lower	9,095	Primary	Sandstone	Gas
Sego	9,462		Sandstone	
<b>TD</b>	<b>9,670</b>			

Estimated TD: 9,670' or 200'± below Sego top

**Anticipated BHP: 5,280 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.

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

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

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

**4. CASING PROGRAM:**

**EIGHT POINT PLAN**

**HOSS 73-33**  
**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
Conductor	17 1/2"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0 – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

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

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

**5. Float Equipment:**

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

Guide Shoe

Insert Float Collar (PDC drillable)

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

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

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

**6. MUD PROGRAM**

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

Air/air mist or aerated water.

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

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

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

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

**8. EVALUATION PROGRAM:**

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

**9. CEMENT PROGRAM:**

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

**Lead:** 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** 207 sks Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

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

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

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

**Lead:** 159 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 897 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

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

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

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

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

**11. STANDARD REQUIRED EQUIPMENT:**

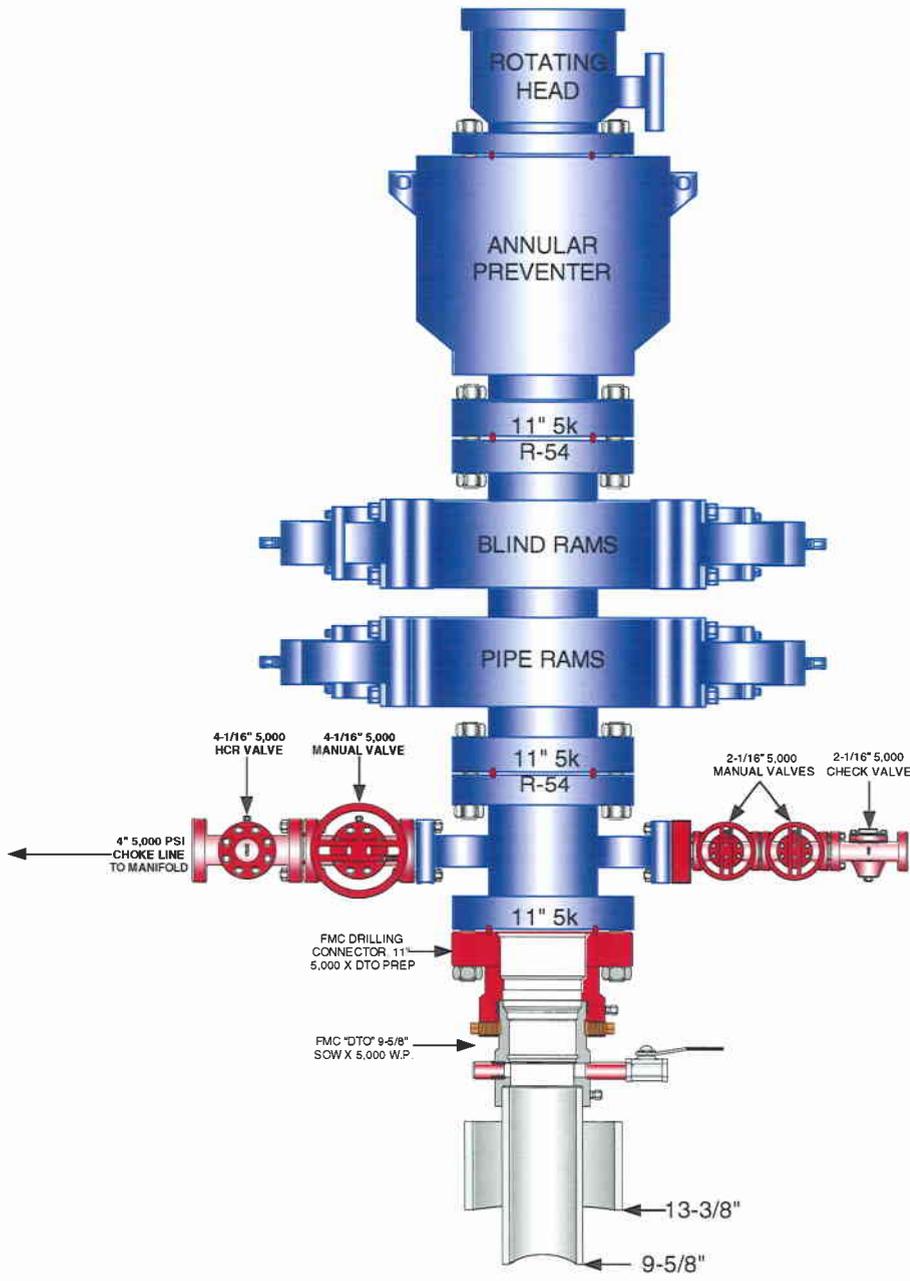
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

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

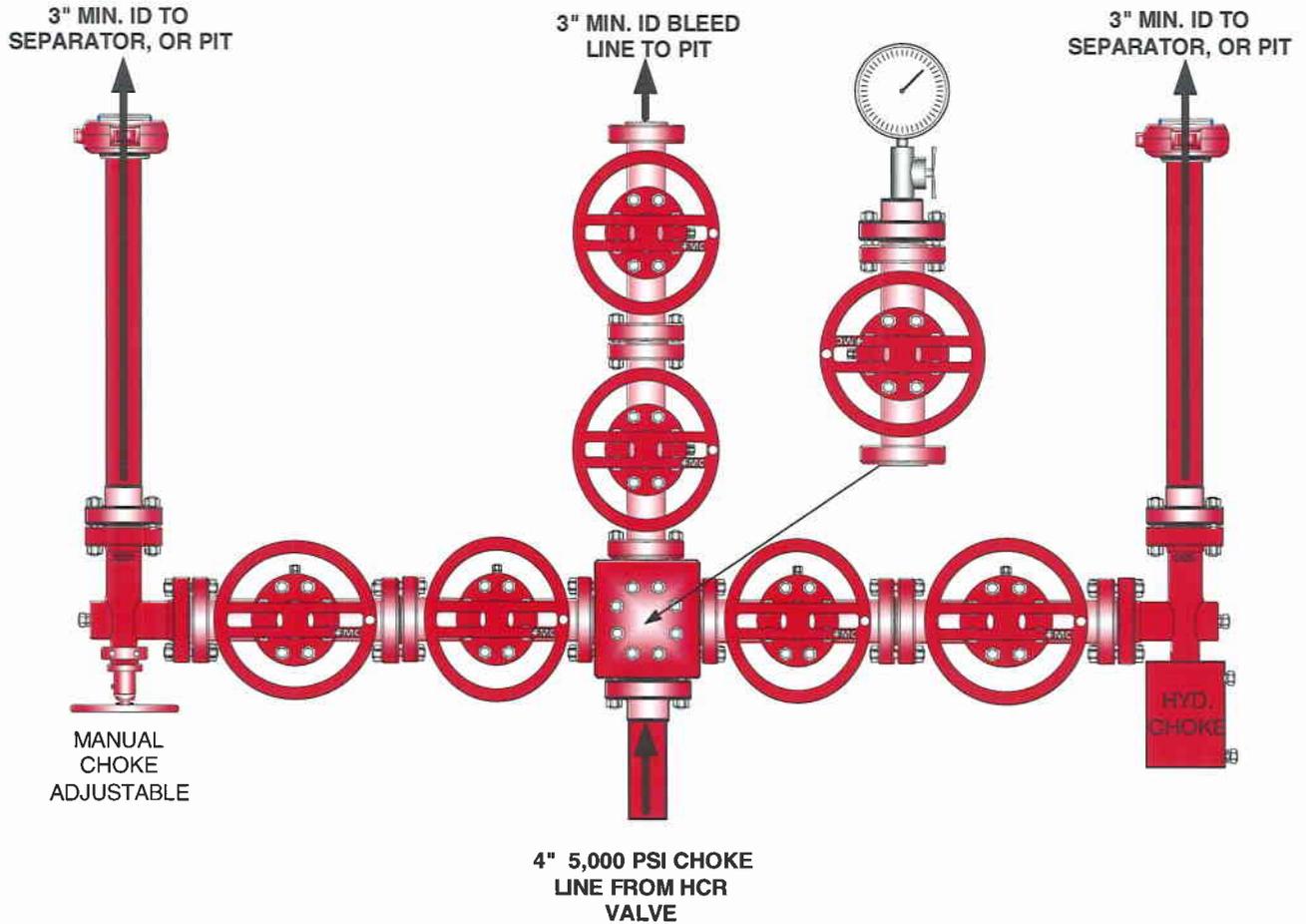
(Attachment: BOP Schematic Diagram)

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



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

PAGE 2 OF 2



Testing Procedure:

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



***Hoss 73-33  
NESW, Section 33, T8S, R23E  
Uintah County, Utah***

***SURFACE USE PLAN***

EOG Resources, Inc., hereby applies under Section 28 of the Act of February 25, 1920 (41 state. 449), (30 U.S.C. Section 185) as amended by the Act of November 16, 1973, (87 Stat. 576) and requests that this APD serve as the construction, operations and maintenance plan for the right-of-way application for the pipeline and access road on federal lands. A 30-year right-of-way term is requested.

The requested pipeline right-of-way on Federal acreage necessary is approximately 300' x 40' located within Federal Lease # UTU-01304 containing .28 acre more or less (see attached survey plats and maps).

The requested road right-of-way on Federal acreage necessary is approximately 350' x 40' located within Federal Lease # UTU-01304 containing .32 acre more or less (see attached survey plats and maps).

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 2640 feet long with a 40-foot right-of-way, disturbing approximately 2.42 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 4.67 acres. The pipeline is approximately 3017 feet long with a 40-foot right-of-way, disturbing approximately 2.77 acres.

***1. EXISTING ROADS:***

- A. See attached 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 35.3 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

***2. PLANNED ACCESS ROAD:***

- A. The access road will be approximately 2640' in length, with four (4) 24" CMPs installed and other culverts installed as construction dictates. See attached Topo B.

- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. 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 and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, 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 40-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 crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

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

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

EOG Resources, Inc. requests a 350-foot road right-of-way, for the portion of the access road located within Section 4, T9S, R23E (Federal Lease # U-01304).

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

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

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

**A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

**B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline is 3017' x 40'. The proposed pipeline leaves the western edge of the well pad (Lease UTU-64422) proceeding in an easterly, then southerly direction for an approximate distance of 2717' to Section 4, T9S, R23E (Lease U-01304) proceeding southerly for an approximate distance of 300' tying into an existing pipeline in the NENW of Section 4, T9S, R23E (Lease U-01304). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. A 20-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
7. The proposed pipeline route begins in the NESW of section 33, township 8S, range 23E, proceeding easterly, then southerly for an approximate distance of 3017' to the NENW of section 4, township 9S, range 23E.
8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including

pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon or Covert Green.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

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

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline 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 locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD 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, through natural or artificial methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16-millimeter plastic liner and sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

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

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

**8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE LAYOUT:**

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

The reserve pit will be located on the northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the north side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil east of pit corner B. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

**The corners of the well pad will be rounded off as needed to minimize excavation.**

***FENCING REQUIREMENTS:***

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

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

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

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

opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

**10. PLANS FOR RECLAMATION OF THE SURFACE:**

**A. Interim Reclamation (Producing Location)**

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

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

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

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

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

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
HyCrest Wheatgrass	6.0
Needle and Threadgrass	6.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

**B. Dry Hole/Abandoned Location**

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

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Fourwing Saltbush	2.0
Indian Ricegrass	2.0
Needle and Threadgrass	2.0
HyCrest Wheatgrass	1.0
Scarlet Globe Mallow	1.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

**B. Reclamation of off lease/unit rights-of-way for roads, pipelines and powerlines:**

Immediately upon completion, the pipeline corridor and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk.

The portion of the pipeline right-of-way not needed for maintenance will be recontoured to the approximate natural contours within 90 days from the date of the completion, or as soon as environmental conditions allow.

Upon termination or relinquishment the pipeline corridor shall be ripped and recontoured to its original contours and reseeded with a BLM prescribed seed mixture.

**11. SURFACE OWNERSHIP:**

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

**Bureau of Land Management**

**12. OTHER INFORMATION:**

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

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.

- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

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

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

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

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

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

A cultural resources and paleontology survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontology survey was conducted and will be submitted by Intermountain Paleo-Consulting.

**Additional Surface Stipulations:**

None.

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

**PERMITTING AGENT**

Mary A. Maestas  
EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078  
(435) 781-9111

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

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

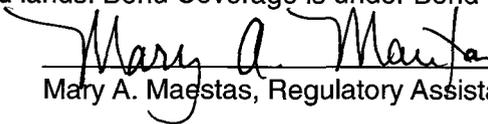
The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

**CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 73-33 Well, located in the NESW, of Section 33, T8S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

October 10, 2007  
Date

  
Mary A. Maestas, Regulatory Assistant

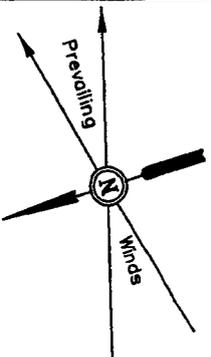
Onsite Date: September 6, 2007

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

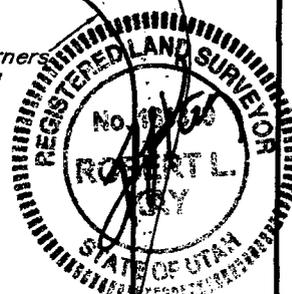
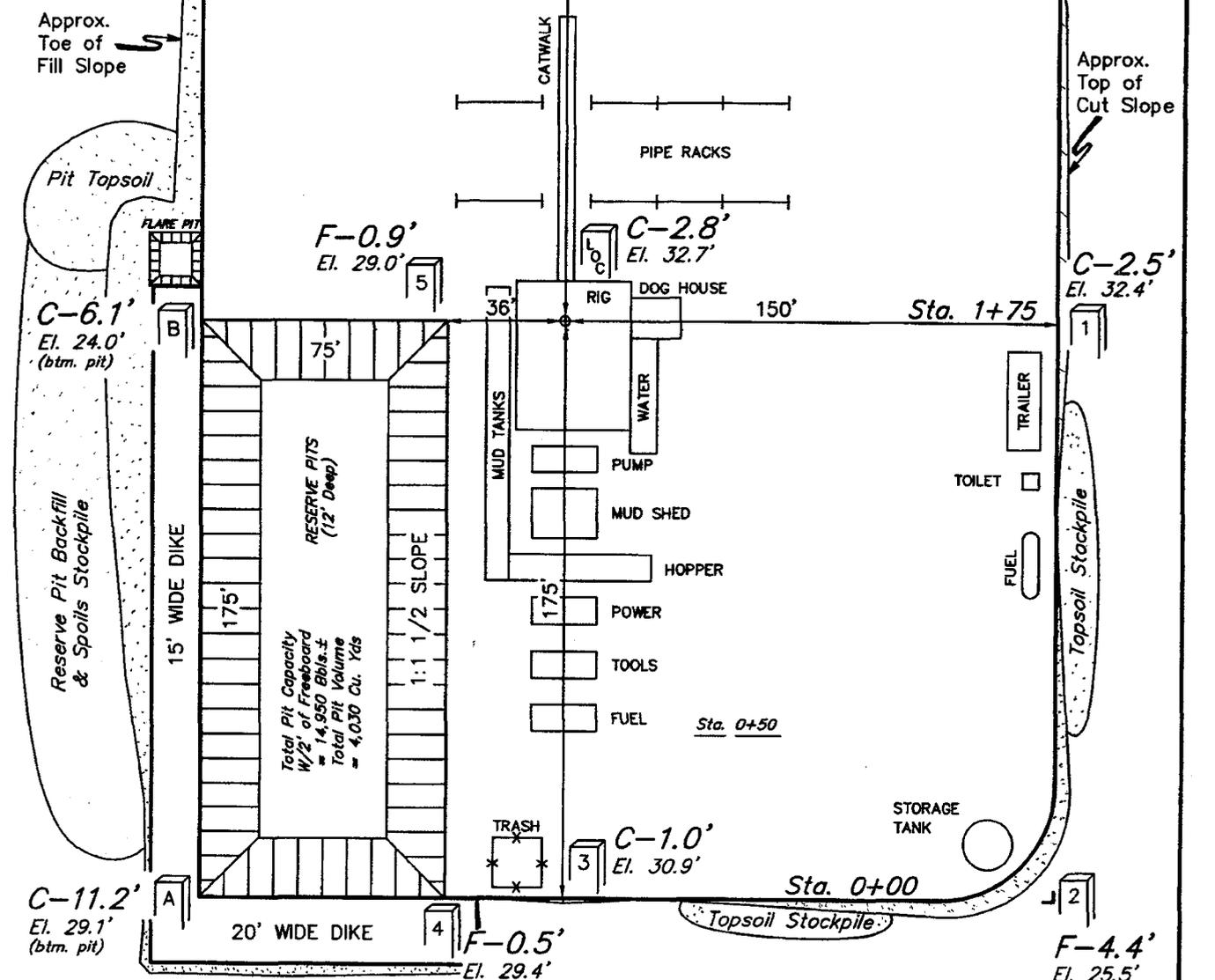
HOSS #73-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
1956' FSL 2056' FWL

FIGURE #1



SCALE: 1" = 50'  
DATE: 03-26-07  
Drawn By: P.M.  
REVISED: 07-23-07

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



Elev. Ungraded Ground at Location Stake = 5032.7'  
Elev. Graded Ground at Location Stake = 5029.9'

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

EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

HOSS #73-33

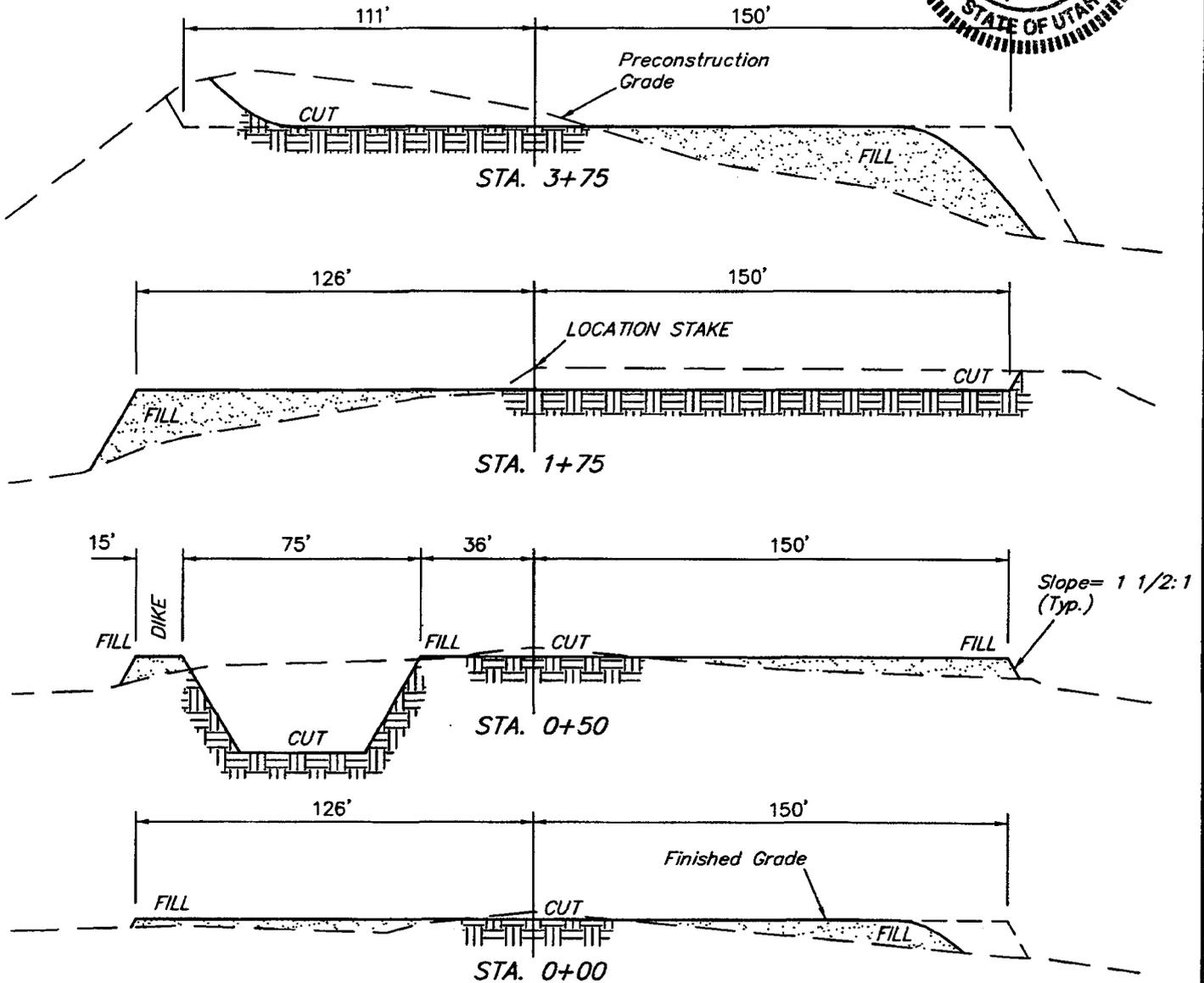
SECTION 33, T8S, R23E, S.L.B.&M.

1956' FSL 2056' FWL

FIGURE #2

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

DATE: 03-26-07  
Drawn By: P.M.  
REVISED: 07-23-07



NOTE:

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

\* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,110 Cu. Yds.  
Remaining Location = 6,740 Cu. Yds.  
  
TOTAL CUT = 8,850 CU.YDS.  
FILL = 4,720 CU.YDS.

EXCESS MATERIAL = 4,130 Cu. Yds.  
Topsoil & Pit Backfill = 4,130 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

EOG RESOURCES, INC.  
PRODUCTION FACILITY LAYOUT FOR

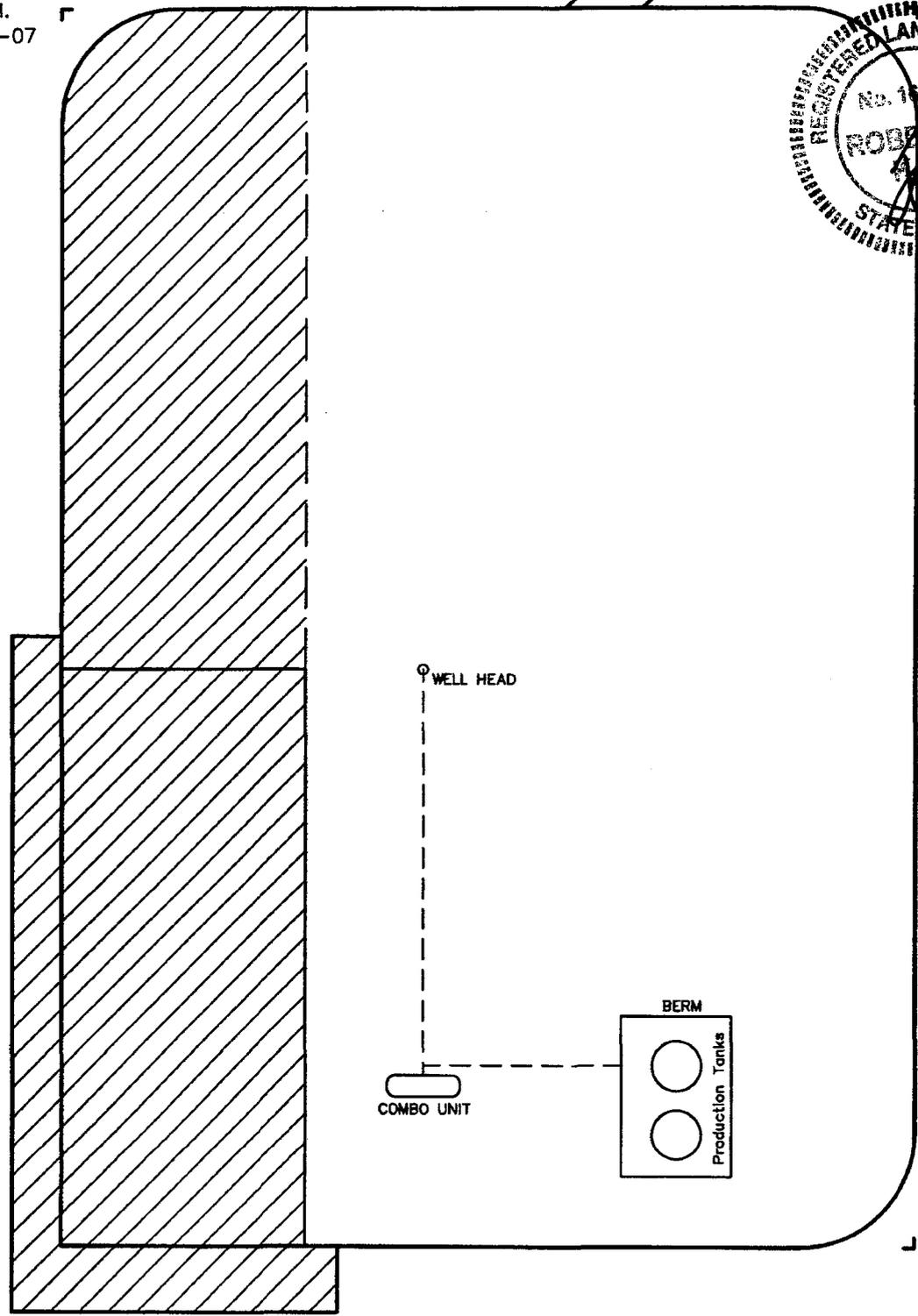
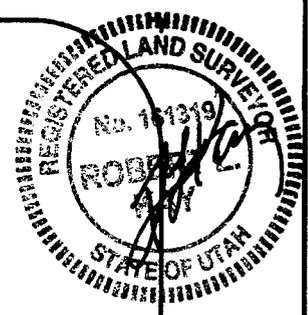
FIGURE #3

HOSS #73-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
1956' FSL 2056' FWL



SCALE: 1" = 50'  
DATE: 03-26-07  
Drawn By: P.M.  
REVISED: 07-23-07

Access Road



 RE-HABED AREA

# EOG RESOURCES, INC.

## HOSS #73-33

LOCATED IN UTAH COUNTY, UTAH  
SECTION 33, T8S, R23E, S.L.B.&M.

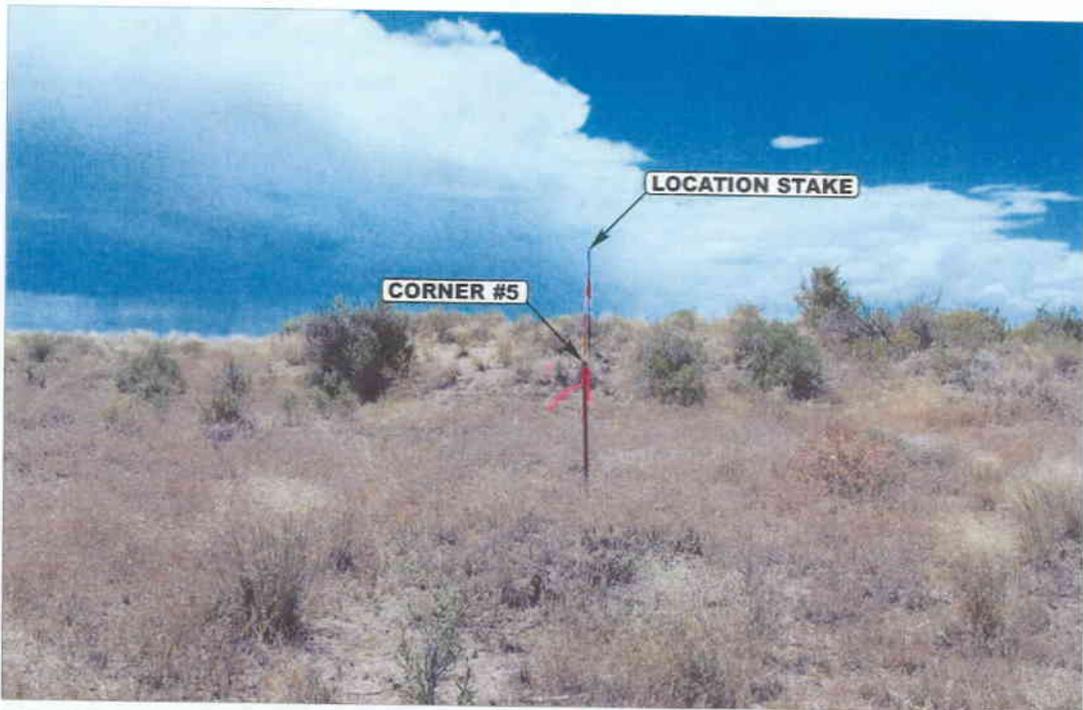


PHOTO: VIEW OF LOCATION STAKE FROM CORNER #5

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF PROPOSED ACCESS

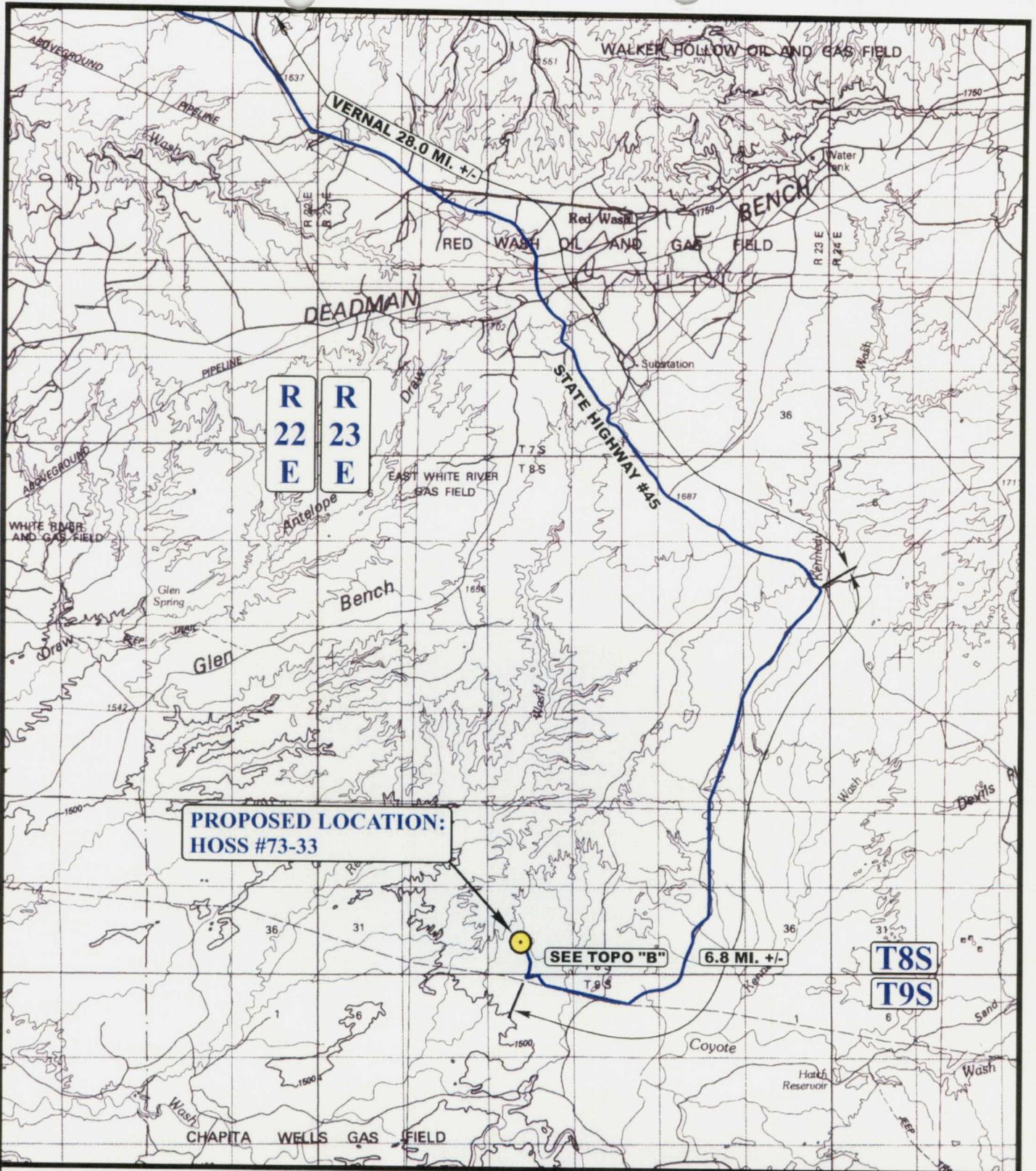
CAMERA ANGLE: NORTHERLY



- Since 1964 -

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

<b>LOCATION PHOTOS</b>	<b>03</b>	<b>27</b>	<b>07</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: T.A.	DRAWN BY: A.A.		REV: 07-26-07 B.C.	



**PROPOSED LOCATION:  
HOSS #73-33**

**SEE TOPO "B"**

**6.8 MI. +/-**

**R  
22  
E**   **R  
23  
E**

**T8S  
T9S**

**LEGEND:**

 **EXISTING LOCATION**

**N**

**EOG RESOURCES, INC.**

**HOSS #73-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
1956' FSL 2056' FWL**

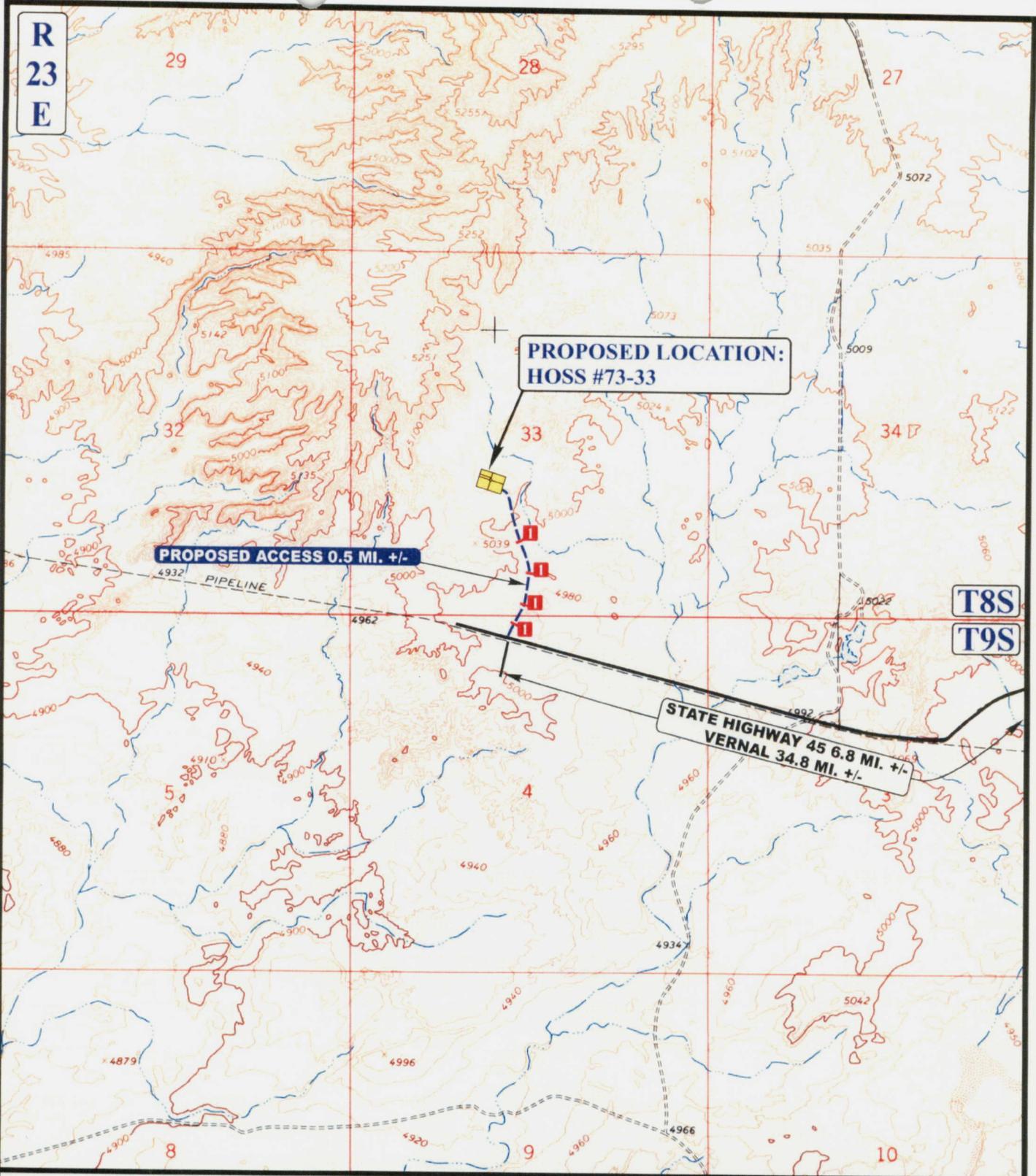


**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**   **03 27 07**  
MONTH   DAY   YEAR  
SCALE: 1:100,000   DRAWN BY: A.A.   REV: 07-26-07 B.C.

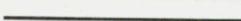


R  
23  
E



T8S  
T9S

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  24" CMP REQUIRED

**EOG RESOURCES, INC.**

**HOSS #73-33**  
**SECTION 33, T8S, R23E, S.L.B.&M.**  
**1956' FSL 2056' FWL**



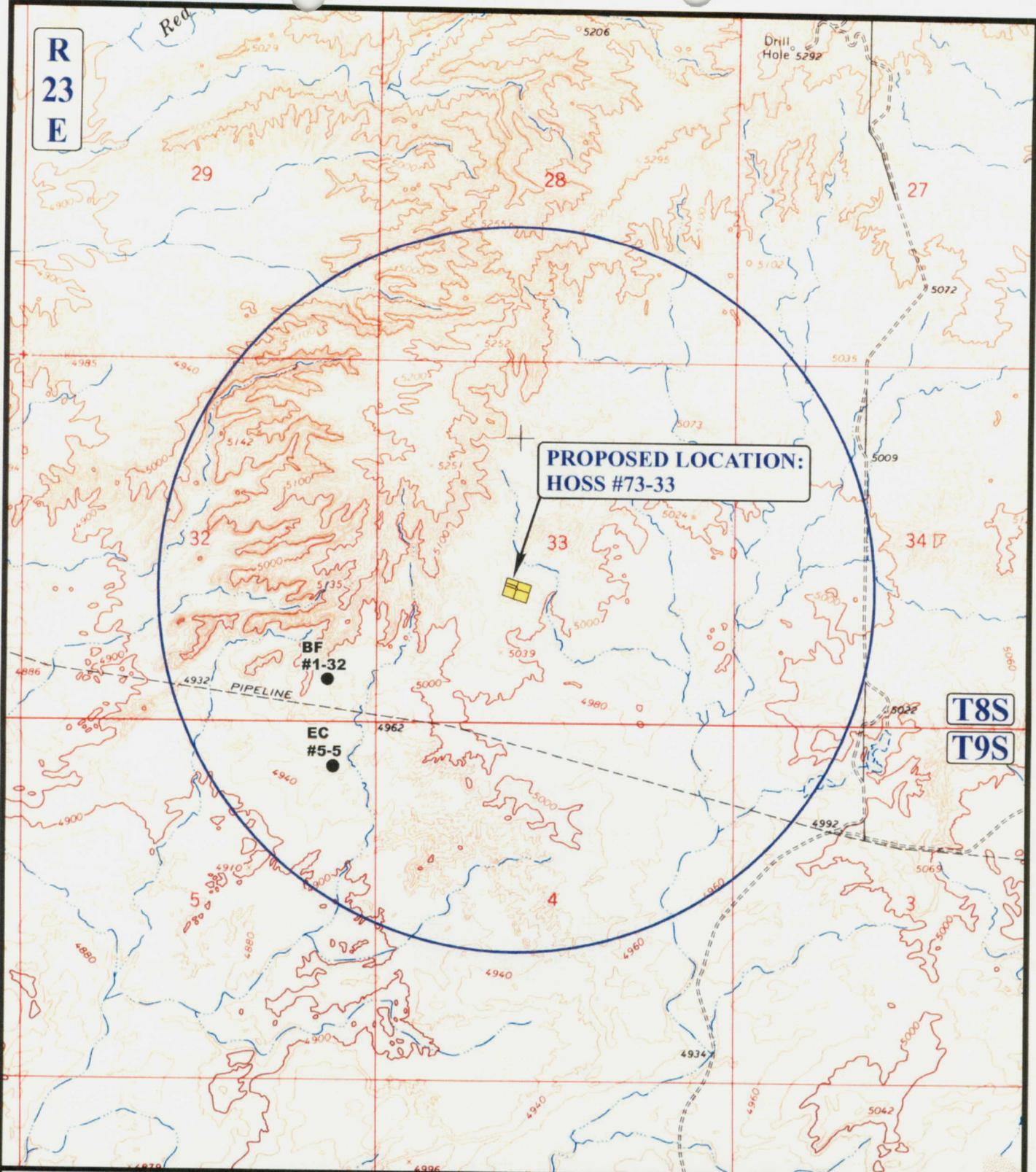
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



<b>TOPOGRAPHIC</b>	<b>03</b>	<b>27</b>	<b>07</b>
<b>MAP</b>	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: A.A.		REV: 07-26-07 B.C.

**B**  
TOPO

R  
23  
E



T8S  
T9S

**LEGEND:**

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



**EOG RESOURCES, INC.**

HOSS #73-33  
 SECTION 33, T8S, R23E, S.L.B.&M.  
 1956' FSL 2056' FWL



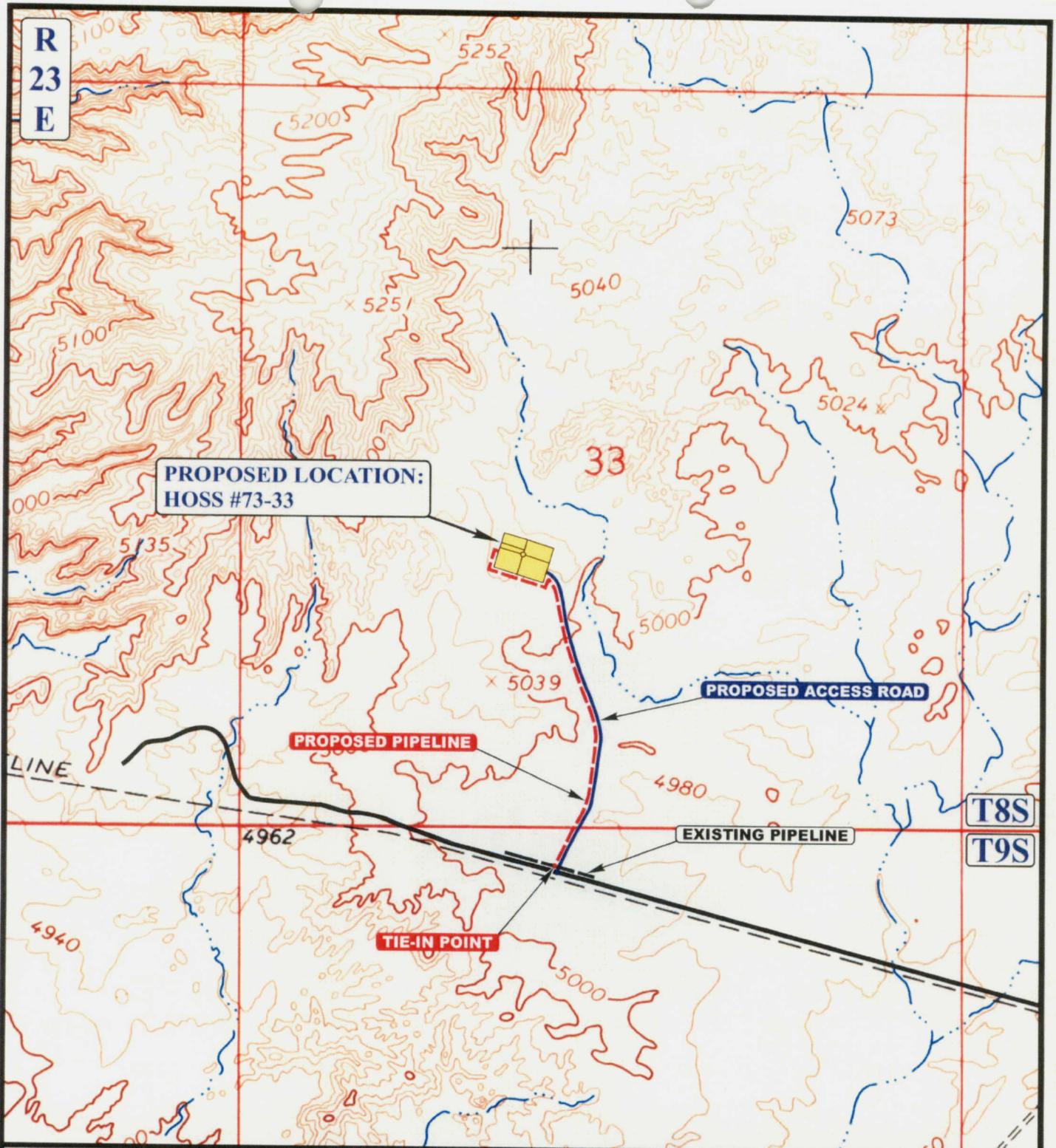
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**03 27 07**  
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: A.A. REV: 07-26-07 B.C.



**APPROXIMATE TOTAL PIPELINE DISTANCE = 3,017' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



**EOG RESOURCES, INC.**

**HOSS #73-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
1956' FSL 2056' FWL**



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

**TOPOGRAPHIC MAP** 03 27 07  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: A.A. REV: 07-26-07 B.C.



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/16/2007

API NO. ASSIGNED: 43-047-39706

WELL NAME: HOSS 73-33  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: MARY MAESTAS

PHONE NUMBER: 303-824-5526

PROPOSED LOCATION:

NESW 33 080S 230E  
 SURFACE: 1956 FSL 2056 FWL  
 BOTTOM: 1956 FSL 2056 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.07737 LONGITUDE: -109.3335  
 UTM SURF EASTINGS: 642099 NORTHINGS: 4437465  
 FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	10/31/07
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU64422  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. NM2308 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-225 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)  
(Wasatch, Mesaverde)

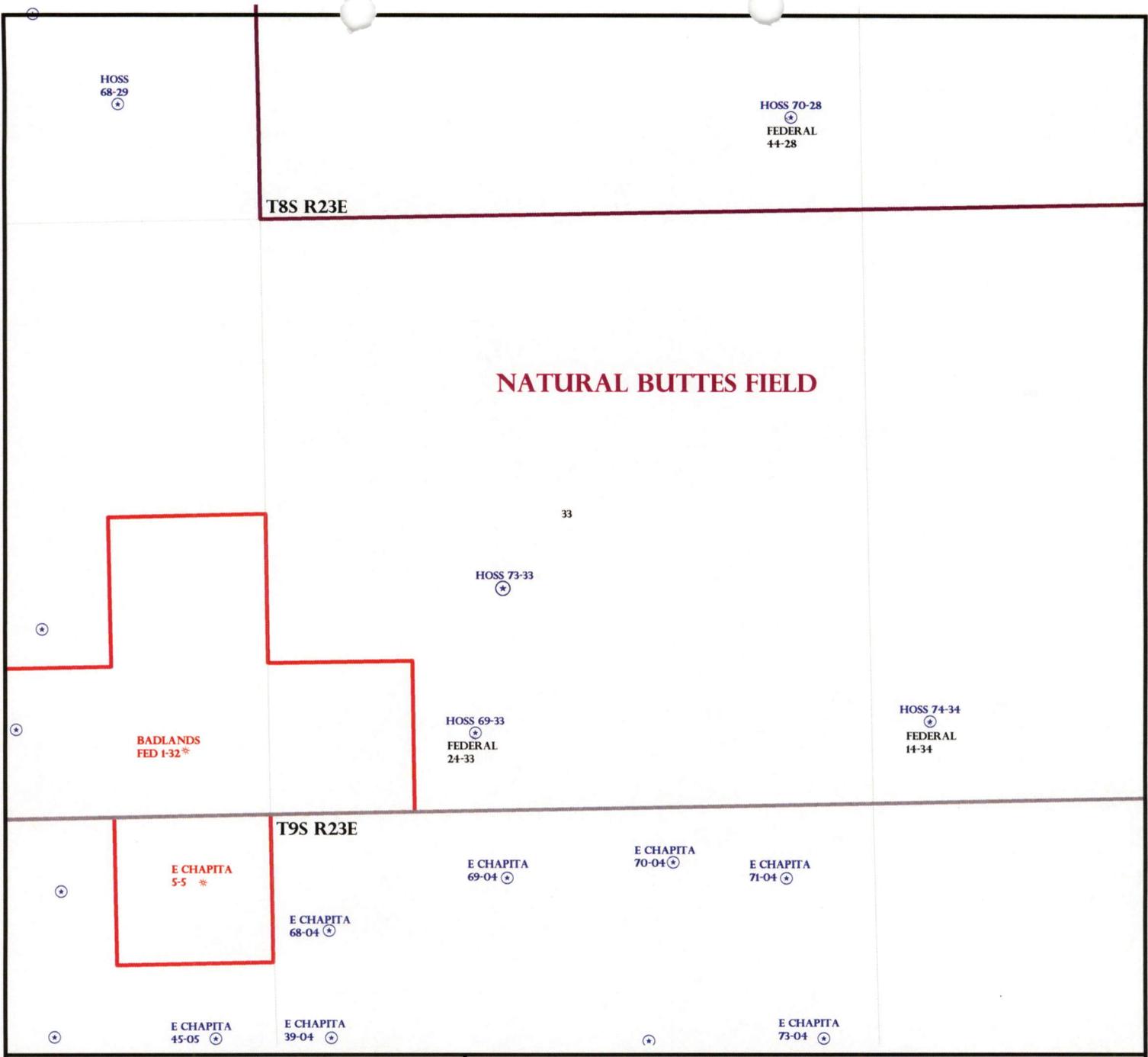
LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- \_\_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1 - Federal Approval  
 2 - Spacing Strip  
 3 - Commingle



**NATURAL BUTTES FIELD**

OPERATOR: EOG RESOURCES INC (N9550)

SEC: 33 T.8S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



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

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

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



PREPARED BY: DIANA MASON  
DATE: 17-OCTOBER-2007



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

November 15, 2007

EOG Resources, Inc.  
600 17th St., Ste. 1000N  
Denver, CO 80202

Re: Hoss 73-33 Well, 1956' FSL, 2056' FWL, NE SW, Sec. 33, T. 8 South, R. 23 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.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

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 43-047-39706.

Sincerely,

*for* Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: EOG Resources, Inc.

Well Name & Number Hoss 73-33

API Number: 43-047-39706

Lease: UTU64422

Location: NE SW                      Sec. 33                      T. 8 South                      R. 23 East

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

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

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

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

#### 3. Reporting Requirements

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

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

#### 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

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

3a. Address  
**1060 E. HWY 40 Vernal, UT 84078**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Multiple (See Attached)**  
**43 047 39706**  
**HOSS 73-33**  
**85 23E 33**

5. Lease Serial No.  
**Multiple (See Attached)**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**Multiple (See Attached)**

9. API Well No.  
**Multiple (See Attached)**

10. Field and Pool, or Exploratory Area  
**Natural Buttes**

11. County or Parish, State  
**Uintah County, Utah**

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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. respectfully requests authorization for air drilling operations, see attached.**

**COPY SENT TO OPERATOR**

Date: 10.14.2008

Initials: KS

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

**Mickenzie Thacker**

Title **Operations Clerk**

Signature

*Mickenzie Thacker*

Date

**09/17/2008**

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

Approved by

*[Signature]*

Title

**Ret. Eng.**

Date

**10/7/08**

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

**DOG M**

**Federal Approval Of This Action Is Necessary**

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

**RECEIVED**

(Instructions on page 2)

**SEP 22 2008**

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

API #	Lease #	Well Name	Footages	$\frac{1}{4}$ - $\frac{1}{4}$ Legal Description
43-047-38715	UTU-56965	HOSS 22-32	1671' FSL 1998' FEL	NWSE Sec. 32 T8S R23E
43-047-38698	UTU-76042	HOSS 44-29	631' FSL 2357' FEL	SWSE Sec. 29 T8S R23E
43-047-38900	UTU-76042	HOSS 52-29	815' FNL 812' FWL	NWNW Sec. 29 T8S R23E
43-047-38899	UTU-76042	HOSS 53-29	267' FNL 2011' FWL	NENW Sec. 29 T8S R23E
43-047-50048	UTU-76042	HOSS 54-29	2608' FNL 2172' FEL	SWNE Sec. 29 T8S R23E
43-047-50009	UTU-76042	HOSS 57-29	1123' FNL 1004' FEL	NENE Sec. 29 T8S R23E
43-047-39706	UTU-64422	HOSS 73-33	1956' FSL 2056' FWL	NESW Sec. 33 T8S R23E
43-047-38361	UTU-64422	HOSS 74-34	706' FSL 493' FWL	SWSW Sec. 34 T8S R23E
43-047-39329	UTU-64422	HOSS 78-27	586' FSL 2044' FEL	SWSE Sec. 27 T8S R23E
43-047-39328	UTU-64422	HOSS 79-27	764' FSL 737' FEL	SESE Sec. 27 T8S R23E
43-047-39692	UTU-76042	HOSS 80-26	1980' FSL 586' FWL	NWSW Sec. 26 T8S R23E
43-047-39327	UTU-76042	HOSS 81-26	494' FSL 505' FWL	SWSW Sec. 26 T8S R23E
43-047-39326	UTU-76042	HOSS 82-26	839' FSL 1808' FWL	SESW Sec. 26 T8S R23E
43-047-39325	UTU-76042	HOSS 83-35	752' FNL 593' FWL	NWNW Sec. 35 T8S R23E
43-047-39324	UTU-76042	HOSS 84-35	722' FNL 1968' FWL	NENW Sec. 35 T8S R23E
43-047-39323	UTU-76042	HOSS 85-35	2156' FNL 683' FWL	SWNW Sec. 35 T8S R23E

### **Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

### **VARIANCE REQUESTS:**

#### **Reference: Onshore Oil and Gas Order No. 1**

#### **Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations**

1. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
2. 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 approximately 75' in length.
3. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
4. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
5. EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

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

FORM 9

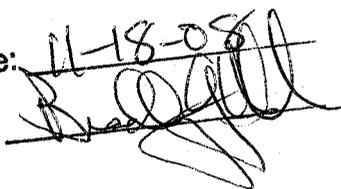
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64422
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT 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:
2. NAME OF OPERATOR: EOG Resources, Inc.		8. WELL NAME and NUMBER: Hoss 73-33
3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY Vernal STATE UT ZIP 84078		9. API NUMBER: 43-047-39706
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1956' FSL & 2056' FWL 40.077347 LAT 109.334197 LON COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 33 8S 23E S.L.B. & M. STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Natural Buttes

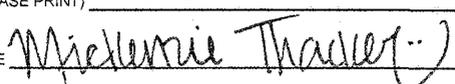
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>APD EXTENSION REQUEST</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 11-18-08  
By: 

NAME (PLEASE PRINT) <u>Mickenzie Thacker</u>	TITLE <u>Operations Clerk</u>
SIGNATURE 	DATE <u>11/12/2008</u>

(This space for State use only)

**COPY SENT TO OPERATOR**

Date: 11.18.2008

Initials: KS

(5/2000)

(See Instructions on Reverse Side)

**RECEIVED**  
**NOV 17 2008**  
**DIV. OF OIL, GAS & MINING**



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

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

**API:** 43-047-39706  
**Well Name:** Hoss 73-33  
**Location:** 1956 FSL & 2056 FWL (NESW), SECTION 33, T8S, R23E S.L.B.&M  
**Company Permit Issued to:** EOG RESOURCES, INC.  
**Date Original Permit Issued:** 11/15/2007

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

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

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

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

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

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

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

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

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

Mickemie Thacker  
Signature

11/12/2008  
Date

Title: Operations Clerk

Representing: EOG Resources, Inc.

**RECEIVED**  
**NOV 17 2008**  
 DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

OCT 10 2007

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

**BLM**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU64422
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		7. If Unit or CA Agreement, Name and No.
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078		8. Lease Name and Well No. HOSS 73-33
3b. Phone No. (include area code) Ph: 303-824-5526 Fx: 303-824-5527		9. API Well No. 43 047 39706
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon At proposed prod. zone NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 35.3 MILES SOUTH OF VERNAL, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 33 T8S R23E Mer SLB SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 662' LEASE LINE	16. No. of Acres in Lease 1920.00	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 3700'	19. Proposed Depth 9670 MD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5030 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 40.00
24. Attachments		20. BLM/BIA Bond No. on file NM2308
		23. Estimated duration 45 DAYS

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 10/10/2007
--	--	--------------------

Title  
REGULATORY ASSISTANT

Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) TERRY KENZEL	Date MAR 11 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

Additional Operator Remarks (see next page)

**NOTICE OF APPROVAL**

Electronic Submission #56722 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal  
Committed to AFMSS for processing by CINDY SEVERSON on 10/11/2007 (08CXSO011A5)



**RECEIVED**  
MAR 18 2009

\*\* BLM REVISED \*\* DIS OF OIL, GAS & MINING

NDS 04/04/2007

07PP1750A



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



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

**Company:** EOG Resources, Inc.  
**Well No:** Hoss 73-33  
**API No:** 43-047-39706

**Location:** NESW, Sec. 33, T8S, R23E  
**Lease No:** UTU-64422  
**Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

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

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

**NOTIFICATION REQUIREMENTS**

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

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

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

**SITE SPECIFIC COAs:**

- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be installed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- The construction of the well pad, access road and pipeline will be monitored by a qualified, permitted paleontologist who will report all mitigation-curation of vertebrates and other scientifically significant fossils.
- No construction, drilling or fracing operations will occur within crucial year long pronghorn habitat May 15- June 20.
- No construction, drilling or fracing operations will occur within 0.5 miles of golden eagle nest Feb 1 – July 15.

***DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**SITE SPECIFIC DOWNHOLE COAs:**

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.  
COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.  
All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.  
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

Request to commingle the Wasatch and Mesaverde is approved. This approval can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

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

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/4/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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 checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

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

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

Date: November 05, 2009

By: 

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2009	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047397060000**

**API:** 43047397060000

**Well Name:** HOSS 73-33

**Location:** 1956 FSL 2056 FWL QTR NESW SEC 33 TWNP 080S RNG 230E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 11/15/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- 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

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

**Signature:** Mickenzie Gates

**Date:** 11/4/2009

**Title:** Operations Clerk **Representing:** EOG RESOURCES, INC.

**Date:** November 05, 2009

**By:**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
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<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/19/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. Conductor size: Item 4 Float Equipment: Item 5 Logs: Item 8 Please see the attached revised Drilling Plan reflecting the purposed changes.

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

**Date:** August 26, 2010  
**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/19/2010	

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	2,160		Shale	
Wasatch	5,066	Primary	Sandstone	Gas
Chapita Wells	5,680	Primary	Sandstone	Gas
Buck Canyon	6,321	Primary	Sandstone	Gas
North Horn	6,930	Primary	Sandstone	Gas
KMV Price River	7,425	Primary	Sandstone	Gas
KMV Price River Middle	8,241	Primary	Sandstone	Gas
KMV Price River Lower	9,095	Primary	Sandstone	Gas
Sego	9,462		Sandstone	
<b>TD</b>	<b>9,670</b>			

Estimated TD: **9,670' or 200'± below Sego top**

**Anticipated BHP: 5,280 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.

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

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
<b>Conductor</b>	20"	40 - 60'	14"	32.5#	A252	STC		1880 PSI	10,000#
<b>Surface</b>	12 1/4"	0 - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
<b>Production</b>	7-7/8"	Surface - TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

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

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

**5. Float Equipment:**

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

Guide Shoe

Insert Float Collar (PDC drillable)

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

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

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary object. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

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

Air/air mist or aerated water.

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

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- 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 approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**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:  
**CBL/CCL/VDL/GR**

**9. CEMENT PROGRAM:**

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

**Lead:** 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** 207 sks Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

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

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

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

**Lead:** **159 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** **897 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

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

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

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

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

**11. STANDARD REQUIRED EQUIPMENT:**

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

**EIGHT POINT PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**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.

**13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>7. UNIT or CA AGREEMENT NAME:</b>  

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
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<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/19/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

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

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

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

**Date:** October 25, 2010

**By:**

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/19/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047397060000

API: 43047397060000

Well Name: HOSS 73-33

Location: 1956 FSL 2056 FWL QTR NESW SEC 33 TWNP 080S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 11/15/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- 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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Michelle Robles

Date: 10/19/2010

Title: Regulatory Assistant Representing: EOG RESOURCES, INC.

Date: October 25, 2010

By: [Handwritten Signature]

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p align="right"><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b></p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078</p>	<p><b>8. WELL NAME and NUMBER:</b> HOSS 73-33</p>
<p><b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43047397060000</p>
<p><b>PHONE NUMBER:</b> 435 781-9111 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES</p>
<p><b>COUNTY:</b> UINTAH</p>	<p><b>STATE:</b> UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<p><input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/20/2010</p> <p><input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:</p> <p><input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:</p> <p><input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:</p>	<p><input type="checkbox"/> ACIDIZE</p> <p><input checked="" type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b></p> <p><input type="checkbox"/> CHANGE WELL STATUS</p> <p><input type="checkbox"/> DEEPEN</p> <p><input type="checkbox"/> OPERATOR CHANGE</p> <p><input type="checkbox"/> PRODUCTION START OR RESUME</p> <p><input type="checkbox"/> REPERFORATE CURRENT FORMATION</p> <p><input type="checkbox"/> TUBING REPAIR</p> <p><input type="checkbox"/> WATER SHUTOFF</p> <p><input type="checkbox"/> WILDCAT WELL DETERMINATION</p>	<p><input type="checkbox"/> ALTER CASING</p> <p><input type="checkbox"/> CHANGE TUBING</p> <p><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</p> <p><input type="checkbox"/> FRACTURE TREAT</p> <p><input type="checkbox"/> PLUG AND ABANDON</p> <p><input type="checkbox"/> RECLAMATION OF WELL SITE</p> <p><input type="checkbox"/> SIDETRACK TO REPAIR WELL</p> <p><input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> SI TA STATUS EXTENSION</p> <p><input type="checkbox"/> OTHER</p>	<p><input type="checkbox"/> CASING REPAIR</p> <p><input type="checkbox"/> CHANGE WELL NAME</p> <p><input type="checkbox"/> CONVERT WELL TYPE</p> <p><input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> PLUG BACK</p> <p><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</p> <p><input type="checkbox"/> TEMPORARY ABANDON</p> <p><input type="checkbox"/> WATER DISPOSAL</p> <p><input type="checkbox"/> APD EXTENSION</p> <p>OTHER: <input style="width: 100px;" type="text"/></p>

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

EOG Resources, Inc. respectfully requests to change the TD for the referenced well from 9670' to 9760'. PLEASE SEE ATTACHED REVISED DRILLING PLAN.

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

**Date:** October 25, 2010

**By:** 

<b>NAME (PLEASE PRINT)</b> Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/20/2010	

**DRILLING PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

**REVISED 10-19-2010**

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,902		Shale	
Birdsnest	2,176		Dolomite	
Mahogany Oil Shale Bed	2,808		Shale	
Wasatch	5,068	Primary	Sandstone	Gas
Chapita Wells	5,670	Primary	Sandstone	Gas
Buck Canyon	6,358	Primary	Sandstone	Gas
North Horn	6,993	Primary	Sandstone	Gas
KMV Price River	7,419	Primary	Sandstone	Gas
KMV Price River Middle	8,183	Primary	Sandstone	Gas
KMV Price River Lower	8,975	Primary	Sandstone	Gas
Sego	9,557		Sandstone	
<b>TD</b>	<b>9,760</b>			

**Estimated TD: 9,760' or 200'± below TD**

**Anticipated BHP: 5,330 psi**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,900 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 psi  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	0 – 60'	14"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2500' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2500' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

## **DRILLING PLAN**

### **HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2500'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (8-15 total)

##### **Production Hole Procedure (2500'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2500'±):**

Air/air mist or aerated water.

##### **Production Hole Procedure (2500'± - TD):**

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2500'± - 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.

**DRILLING PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

**Reference: Onshore Oil and Gas Order No. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations**

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- 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 approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**8. EVALUATION PROGRAM:**

**Logs:**

**Cased-hole Logs:**

Mud log from base of surface casing to TD.

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

**Cement Bond / Casing Collar Locator and Pulsed Neutron**

**DRILLING PLAN**

**HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2500'±):**

- Lead: 170 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail: 150 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.  
The above volumes are based on gauge hole with no excess.

**Production Hole Procedure (2500'± - TD)**

- Lead: 140 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail: 910 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

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

## **DRILLING PLAN**

### **HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

#### **10. ABNORMAL CONDITIONS:**

##### **Surface Hole (Surface - 2500'±):**

Lost circulation

##### **Production Hole (2500'± - TD):**

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

#### **11. STANDARD REQUIRED EQUIPMENT:**

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

#### **12. HAZARDOUS CHEMICALS:**

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

#### **13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

**(Attachment: BOP Schematic Diagram)**

# DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: HOSS 73-33

Api No: 43-047-39706 Lease Type FEDERAL

Section 33 Township 08S Range 23E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

### SPUDDED:

Date 10/27/2010

Time 8:00 AM

How DRY

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

Reported by GERALD ASHCROFT

Telephone # (435) 828-7445

Date 10/27/2010 Signed CHD

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
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<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/27/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: 1. NBU 20-20B SWD 2. CWU 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. RNI Disposal 7. Hoss SWD Wells ROW# UTU86010 & UTU897093

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 November 02, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/28/2010

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

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
 Address: 1060 East Highway 40  
city Vernal  
state UT zip 84078 Phone Number: (307) 276-4842

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-39706	HOSS 73-33		NESW	33	8S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17836	10/27/2010			10/28/10	
Comments: <u>WASATCH/MESAVERDE</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**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)

**RECEIVED**

OCT 28 2010

Michelle Robles

Name (Please Print)

*Michelle Robles*

Signature

Regulatory Assistant

10/28/2010

Title

Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> Uintah  <b>STATE:</b> UTAH
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<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 11/3/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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No activity has occurred since spud on 10/27/2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 03, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/3/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 11/3/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> 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.

No activity has occurred since spud on 10/27/2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 03, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/3/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>7. UNIT or CA AGREEMENT NAME:</b>

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
--	---

<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Drilling Operations"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

No activity has occurred since spud on October 27, 2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 01, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/28/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S
	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/27/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<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.

EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: 1. NBU 20-20B SWD 2. CWU 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. RNI Disposal 7. Hoss SWD Wells ROW# UTU86010 & UTU897093

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 02, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/28/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
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<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> Uintah  <b>STATE:</b> Utah
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<input checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 10/27/2010	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<input type="checkbox"/> 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 referenced well was spud on October 27, 2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 28, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/28/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422	

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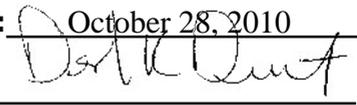
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/28/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan for the above referenced well. Please see the attached revised Drilling Plan reflecting the purposed Drilling Procedure changes.

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

Date: October 28, 2010  
 By: 

<b>NAME (PLEASE PRINT)</b> Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/28/2010	

# DRILLING PLAN

## HOSS 73-33

NE/SW, SEC. 33, T8S, R23E, S.L.B.&M..  
UINTAH COUNTY, UTAH

REVISED 10-27-2010

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	1,902		Shale	
Birdsnest	2,176		Dolomite	
Mahogany Oil Shale Bed	2,808		Shale	
Wasatch	5,068	Primary	Sandstone	Gas
Chapita Wells	5,670	Primary	Sandstone	Gas
Buck Canyon	6,358	Primary	Sandstone	Gas
North Horn	6,993	Primary	Sandstone	Gas
KMV Price River	7,419	Primary	Sandstone	Gas
KMV Price River Middle	8,183	Primary	Sandstone	Gas
KMV Price River Lower	8,975	Primary	Sandstone	Gas
Sego	9,557		Sandstone	
<b>TD</b>	<b>9,760</b>			

Estimated TD: 9,760' or 200'± below TD

Anticipated BHP: 5,330 psi

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,900 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 psi  
BOP schematic diagrams attached.

### 4. CASING PROGRAM:

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
Conductor	20"	0 – 60'	14"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2500' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2500' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

## **DRILLING PLAN**

### **HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2500'±)**

Guide Shoe  
Insert Float Collar (PDC drillable)  
Centralizers: 1 in middle of shoe joint, then every joint for next 7 joints. (8 total)

##### **Production Hole Procedure (2500'± - TD):**

Float shoe, 1 joint of 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. 1 turbulizer to be placed 5' above shoe on joint #1 and on the middle of joints #2 & #3. Conventional bow-spring centralizers on top of joint #4, then every 3<sup>rd</sup> joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2500'±):**

Air/air mist or aerated water.

##### **Production Hole Procedure (2500'± - TD):**

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2500'± - 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 <15 cc'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.

## **DRILLING PLAN**

### **HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

#### **7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- 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 approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### **8. EVALUATION PROGRAM:**

**Logs:**

**Cased-hole Logs:**

Mud log from base of surface casing to TD.

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

**Cement Bond / Casing Collar Locator and Pulsed Neutron**

## DRILLING PLAN

### HOSS 73-33

NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

#### **9. CEMENT PROGRAM:**

##### **Surface Hole Procedure (Surface - 2500'±):**

**Lead:** Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

**150 sx.** HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water

**Tail:** Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

**135 sx.** HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

**Top Out:** As necessary with:

HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

**Note:** The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.

##### **Production Hole Procedure (2500'± - TD)**

**Lead:** Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well TD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

**HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive) + 2% Microbond (Expansion Additive)**

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 215 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 255 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 295 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 335 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

**330 sx.** HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water

**Tail:** Tail volume to be calculated to bring cement from TD to 400' above top of Wasatch Formation. Tail cement will be:

**790 sx.** HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water

**Note:** The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

## **DRILLING PLAN**

### **HOSS 73-33**

**NE/SW, SEC. 33, T8S, R23E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

#### **10. ABNORMAL CONDITIONS:**

##### **Surface Hole (Surface - 2500'±):**

Lost circulation

##### **Production Hole (2500'± - TD):**

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

#### **11. STANDARD REQUIRED EQUIPMENT:**

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

#### **12. HAZARDOUS CHEMICALS:**

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

#### **13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

**(Attachment: BOP Schematic Diagram)**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
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<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 12/3/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> 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.

Waiting on completion operations. Please see the attached well chronology report for the referenced well showing activity up to 11/20/2010.

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

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/3/2010	



TOP JOB # 3: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HOURS.

TOP JOB # 4: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS WOC 2.5 HOURS.

TOP JOB # 5: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. GOOD RETURNS, CEMENT STOOD AT SURFACE. OBSERVE WELL 1.5 HOURS. USED 300 SACKS FOR TOP OUT. RELEASE HALLIBURTON

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

CRAIG'S RIG 2 TOOK 3 SURVEYS WHILE DRILLING HOLE @ 1560' = 1.5 DEGREES, 1980' = 2 DEGREES, 2765' = 3.0 DEGREES.

DALL COOK NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 11/04/2010 @ 02:00 PM. DALL COOK NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 11/04/2010 AT 02:00 PM. NOTIFICATIONS SENT ON 11/02/2010 AT 10:40 AM.

<b>11-14-2010</b>		<b>Reported By</b>		DAVID GREESON							
<b>DailyCosts: Drilling</b>	\$67,421	<b>Completion</b>	\$0	<b>Daily Total</b>	\$67,421						
<b>Cum Costs: Drilling</b>	\$348,659	<b>Completion</b>	\$0	<b>Well Total</b>	\$348,659						
<b>MD</b>	2,784	<b>TVD</b>	2,784	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> RURT											

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
10:00	06:00	20.0	MOVE RIG FROM THE HOSS 71-33 TO THE HOSS 73-33, 1.4 MILES. TRANSFERRING 6 JT'S (241.68') OF 4.5" N-80 11.6# LTC PROD. CSG.; 1 JT. (5.64') OF 4.5" HCP-110 11.6# LTC MARKER JT'S AND 3306 GL. DIESEL FUEL TO THE HOSS 73-33. RW JONES TRUCKS BEGIN RIG MOVE AT 10:00 11-13-10. RIG 35% RIGGED UP AND 90% MOVED IN AT REPORT TIME. TRUCKS WAITING ON DAYLIGHT TO RESUME RIG MOVE.								

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS: CEMENTING/ RIG MOVE. .  
 FUEL ON HAND 3306 GL.; BOILER 12 HOURS.

<b>11-15-2010</b>		<b>Reported By</b>		DAVID GREESON							
<b>DailyCosts: Drilling</b>	\$61,942	<b>Completion</b>	\$0	<b>Daily Total</b>	\$61,942						
<b>Cum Costs: Drilling</b>	\$410,602	<b>Completion</b>	\$0	<b>Well Total</b>	\$410,602						
<b>MD</b>	3,917	<b>TVD</b>	3,917	<b>Progress</b>	1,199	<b>Days</b>	1	<b>MW</b>	9.3	<b>Visc</b>	33.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 3917'											

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	12:30	6.5	MOVE RIG FROM THE HOSS 71-33 TO THE HOSS 73-33, 1.4 MILES. TRANSFERRING 6 JT'S (241.68') OF 4.5" N-80 11.6# LTC PROD. CSG.; 1 JT. (5.64') OF 4.5" HCP-110 11.6# LTC MARKER JT. AND 3306 GL. DIESEL FUEL TO THE HOSS 73-33. DERRICK LAYED OVER AT 12:00 11-13-10. RW JONES TRUCKS BEGIN RIG MOVE AT 10:00 11-13-10 UNTIL DUSK. CONTINUED RIG MOVE AT 07:00 ON 11-14-10. DERRICK UP AT 09:00. NIPPLE UP BOP AND CHOKE MANIFOLD. RU FLOOR AND CIRCULATING SYSTEMS. RIG ACCEPTED ON DAYWORK @ 12:30, 11-14-10.								

12:30 15:30 3.0 PJSM WITH B & C QUICK TEST, INC. RU AND TEST PIPE RAMS, BLIND RAMS, HCR, CHOKE LINES, MANIFOLD, KILL LINE VALVES, UPPER & LOWER KELLY & INSIDE BOP TO 250 LOW/5000 PSI HI, 10 MINUTES. TEST ANNULAR PREVENTER 250 LOW/2500 PSI HIGH FOR 10 MINUTES. ALL TEST GOOD.

15:30 16:00 0.5 TEST SURFACE CASING TO 1500 PSI FOR 30 MIN. TESTED GOOD.

16:00 17:00 1.0 RD B&C QUICKTEST. RU FRANKS-WESTATES LD MACHINE AND SERVICE TOOLS. HELD SAFETY MEETING OVER SAFE DRILL STRING PICK UP W/ ALL ON LOCATION PRESENT.  
SET WEAR BUSHING IN WELLHEAD.

17:00 19:30 2.5 PU BHA & DP W/ FRANKS-WESTATES LD MACHINE. TAG AT 2634'.

19:30 20:30 1.0 TORQUE KELLY, INSTALL ROT. HEAD RUBBER AND DRIVE BUSHING.

20:30 22:00 1.5 DRILL CEMENT AND FLOAT EQUIP. TAG @ 2634', DRILL CEMENT, SHOE @ 2718', OLD HOLE TO 2781'. DRILL 11' OF NEW HOLE TO 2792' AND PREPARE FOR F.I.T. 5-8K WOB, 120 STK, 454 GPM ON #2 PUMP. 55RPM/73MM.

22:00 22:30 0.5 F.I.T. TEST: 220PSI @ 2792' W/ 9.2 MUD WT. = 10.7 EMW.

22:30 01:30 3.0 DRILL F/2792' TO 3230' (438') 146' FPH. 55 RPM + 73 MM. WOB 14-18. PUMP 454 GPM @ 120 SPM ON #1 PUMP. SPP 1600 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE. MUD WT. 9.2 VIS. 33.

01:30 02:00 0.5 SURVEY @3150', 3.62 DEGREE.

02:00 06:00 4.0 DRILL F/3230' TO 3917' (687') 172' FPH. 55 RPM + 73 MM. WOB 14-18. PUMP 454 GPM @ 120 SPM ON #1 PUMP. SPP 1850 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE. MUD WT. 9.3 VIS. 34. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: RAISING DERRICK/PU BHA.  
FUEL: RECEIVED 7000 GL. ON HAND 8892 GL. USED 1072 GL.  
BOILER 12 HOURS. 24 TOTAL HR'S.

06:00 SPUD 7 7/8" HOLE @ 22:30 HRS, 11-14-10.

<b>11-16-2010</b>		<b>Reported By</b>	DAVID GREESON								
<b>Daily Costs: Drilling</b>	\$22,853	<b>Completion</b>	\$0	<b>Daily Total</b>	\$22,853						
<b>Cum Costs: Drilling</b>	\$433,455	<b>Completion</b>	\$0	<b>Well Total</b>	\$433,455						
<b>MD</b>	6,408	<b>TVD</b>	6,408	<b>Progress</b>	2,491	<b>Days</b>	2	<b>MW</b>	9.9	<b>Visc</b>	35.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time:** DRILLING @ 6408'

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	07:00	1.0	DRILL F/3917' TO 4100' (183') 183' FPH. 55 RPM + 73 MM. WOB 16-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 1950 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE. MUD WT. 9.4 VIS. 34. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.
07:00	07:30	0.5	SURVEY @4020', 2.0 DEGREE.
07:30	14:00	6.5	DRILL F/4100' TO 5036' (936') 144' FPH. 55 RPM + 73 MM. WOB 16-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 1950 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE, WASATCH AT 5,068'. MUD WT. 9.6 VIS. 34. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.
14:00	14:30	0.5	SERVICE RIG.
14:30	15:00	0.5	SURVEY @4956', 1.09 DEGREE.
15:00	06:00	15.0	DRILL F/5036' TO 6408' (1372') 92' FPH. 55 RPM + 73 MM. WOB 16-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 2250 PSI, DIFF 240/450. DRILLING: WASATCH AT 5,068', CHAPITA WELLS 5,670', BUCK CANTON 6,358'. MUD WT. 9.9 VIS. 35. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: RIG INSPECTION/FORKLIFT SAFETY.

FUEL ON HAND 7296 GL. USED 1596 GL.  
BOILER 12 HOURS. 36 TOTAL HR'S.

**11-17-2010**      **Reported By**      DAVID GREESON

**DailyCosts: Drilling**      \$38,884      **Completion**      \$4,119      **Daily Total**      \$43,003

**Cum Costs: Drilling**      \$472,339      **Completion**      \$4,119      **Well Total**      \$476,459

**MD**      8,120      **TVD**      8,120      **Progress**      1,712      **Days**      3      **MW**      11.1      **Visc**      36.0

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

**Activity at Report Time:** DRILLING @ 8,120'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL F/6408' TO 6998' (590') 84' FPH. 55 RPM + 73 MM. WOB 18-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 2400 PSI, DIF 200/450. DRILLING: BUCK CANYON 6,358. NORTH HORN 6,993'. MUD WT. 10.2 VIS. 35. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.
13:00	13:30	0.5	SERVICE RIG. FUNCTION BOP AND COM DRILLING.
13:30	06:00	16.5	DRILL F/6998' TO 8120' (1122') 68' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 419 GPM @ 120 SPM ON #1 PUMP. SPP 2500 PSI, DIF 200/450. DRILLING: NORTH HORN 6,993'. PRICE RIVER 7,419'. MUD WT. 11.1 VIS. 38. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: FORKLIFT SAFETY/MIXING CAUSTIC.  
FUEL ON HAND 5472 GL. USED 1824 GL.  
BOILER 12 HOURS. 60 TOTAL HR'S.

**11-18-2010**      **Reported By**      GLEN PRUET, DAVID GREESON

**DailyCosts: Drilling**      \$32,441      **Completion**      \$2,932      **Daily Total**      \$35,373

**Cum Costs: Drilling**      \$504,780      **Completion**      \$7,051      **Well Total**      \$511,832

**MD**      9,350      **TVD**      9,350      **Progress**      1,230      **Days**      4      **MW**      11.3      **Visc**      38.0

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

**Activity at Report Time:** DRILLING @ 9350'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/8120' TO 8504' (384') 59' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2625 PSI, DIF 265/460. DRILLING: MIDDLE PRICE RIVER F/ 8183'. MUD WT. 11.1 VIS. 38. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'. FUNC. COM DRLG. @ 8127'.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	DRILL F/8504' TO 9350' (846') 49.76' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2650 PSI, DIF 100/350. DRILLING: MIDDLE PRICE RIVER F/8183', LOWER PRICE F/8975'. MUD WT. 11.3 VIS. 39. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'. FUNC. COM DRLG. @ 8787'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: UNLOAD MUD BOAT, STEAM SYSTEM.  
FUEL ON HAND 3643 GL. USED 1865 GL.  
BOILER 18 HOURS. 78 TOTAL HR'S.  
WEATHER; MOSTLY CLOUDY, 43 DEG., 76% HUMIDY, 35 DEG. DEW POINT, WIND NNW @ 6 MPH.  
CASING: 240 RECEIVED, 6 CARRY OVER; 9884'. IN PERC.  
CASING MKR JTS: 4 RECEIVED, 1 CARRY OVER.

**11-19-2010**      **Reported By**      GLEN PRUET

**DailyCosts: Drilling**      \$35,934      **Completion**      \$0      **Daily Total**      \$35,934

**Cum Costs: Drilling** \$540,715      **Completion** \$7,051      **Well Total** \$547,767  
**MD** 9,760    **TVD** 9,760    **Progress** 410    **Days** 5    **MW** 11.4    **Visc** 40.0  
**Formation :**                    **PBTD : 0.0**                    **Perf :**                    **PKR Depth : 0.0**

**Activity at Report Time:** PREP TO LD DP

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL F/9350' TO 9635' (285') 40.7' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2650 PSI, DIFF 100/350. DRILLING: LOWER PRICE RIVER F/8975'. MUD WT. 11.3 VIS. 39. PUMPING HIGH-VIS GEL SWEEPS EVERY 100'. FUNC. COM DRLG. @9386'.
13:00	13:30	0.5	SERVICE RIG.
13:30	18:00	4.5	DRILL F/9635' TO 9760' (125') 27.77' FPH. 50 RPM + 67 MM. WOB 18-24. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2650 PSI, DIFF 100/350. DRILLING: LOWER PRICE RIVER F/8975'. SEGO F/9557'. MUD WT. 11.5 VIS. 39. PUMP HIGH-VIS GEL SWEEPS EVERY 100'. REACHED TD @ 18:00 HRS, 11/18/2010.
18:00	19:00	1.0	PUMP 80 BBLs HIGH VIS SWEEP AND CBU FOR WIPER TRIP. SMALL INCREASE OF FINE CUTTINGS ON BOTTOMS UP.
19:00	00:30	5.5	CHECK FOR FLOW, DROP TOTCO, SLUG PIPE, FUNC. COM F/TRIP AND POOH. TIGHT HOLE F/9465' TO 9400', F/4980' TO 4900' WORK PIPE 1 HR. F/3800' TO 3626' WORK PIPE 1 HR. TRIP OUT, LAID DOWN REAMERS, REMOVED BIT NOZZLES. RECOVER TOTCO. HOLE TOOK CALCULATED FILL ON TRIP OUT.
00:30	04:30	4.0	TIH. REAM THROUGH TIGHT HOLE 3600' - 3800', 4900' - 5000', 9400' - 9465'. WASHED & REAMED 75' TO BOTTOM. 9685' - 9760'.
04:30	06:00	1.5	CIRCULATE TRIP GAS OUT. PUMP 80 BBLs HIGH VIS SWEEP, CIRCULATE AND R/U FRANKS L/D MACHINE.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS: PPE BOXES, RU LAYDOWN MACHINE.  
 FUEL ON HAND 2166 GL. USED 1477 GL.  
 BOILER 17 HOURS. 95 TOTAL HR'S.  
 WEATHER; FAIR, 29 DEG., 54% HUMIDY, 17 DEG. DEW POINT, WINDS CALM.

**11-20-2010**      **Reported By**      GLEN PRUET

**Daily Costs: Drilling** \$47,861      **Completion** \$162,093      **Daily Total** \$209,954  
**Cum Costs: Drilling** \$588,576      **Completion** \$169,144      **Well Total** \$757,721  
**MD** 9,760    **TVD** 9,760    **Progress** 0    **Days** 6    **MW** 11.5    **Visc** 42.0  
**Formation :**                    **PBTD : 0.0**                    **Perf :**                    **PKR Depth : 0.0**

**Activity at Report Time:** RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE TRIP GAS OUT. PUMP 80 BBLs HIGH VIS SWEEP, CIRCULATE AND R/U FRANKS L/D MACHINE.
07:00	14:30	7.5	PJSM W/RIG CREW & FRANKS CREW. LDDP/ DC'S. BREAK KELLY, PULL ROT. RUBBER, AND PULL WEAR BUSHING. HOLE TOOK CALCULATED FILL ON TRIP OUT. WORKED THROUGH TIGHT SPOTS @ 5193' AND 4541', TOTAL TIME SPENT 1.5 HRS. DID NOT PICK UP KELLY WORKING PIPE.
14:30	21:30	7.0	HELD SAFETY MEETING W/RIG CREWS & FRANKS CASING CREW. R/U CASING TOOLS & RAN TOTAL OF 241 JTS 4 1/2", 11.6#, N-80, LTC CASING & LANDED @ 9755. HOLE DISPLACEMENT GOOD, HAD NO MUD LOSS ON TRIP IN HOLE WITH CASING. RAN CASING AS FOLLOWS; FLOAT SHOE @ 9755', 1 SHOE JT., FLOAT COLLAR W/LATCH DOWN ASSEMBLY @ 9712', 240 JTS PLUS 2 MKR. JTS (21.85') BOTTOM MARKER @ 7392' & (21.82') TOP MARKER @ 4639', CASING MANDREL HANGER W/ 1 PUP JT (6.15'). RAN 3 TURBULIZERS, 1 - 10' ABOVE SHOE 1 EACH IN MIDDLE OF JTS 2 & 3. RAN 43 CENTRALIZERS STARTING ON JT #4 AND EACH 3RD JT. TO 4599'. TAG BOTTOM W/ JOINT # 242. LAID IT DOWN. LAND CASING W/ 93,000 ON HANGER.

21:30 23:00 1.5 CIRCULATE W/CASING ON BOTTOM. PJSM. R/D FRANKS CSG TOOLS AND R/U HALLIBURTON.

23:00 01:00 2.0 HALLIBURTON TEST PUMP & LINES TO 5000 PSI & CEMENT CASING AS FOLLOWS; 10 BBLS FRESH WATER, 20 BBLS MUD FLUSH, 435 SKS. (142.5 BBLS) HIGHBOND LEAD CEMENT MIXED @ 12.0 PPG, 1.84 Y, 9.86 GAL/SK WATER. PLUS 1350 SKS (353.4 BBLS.), EXTENDACEM TAIL CEMENT MIXED @ 13.5 PPG, 1.47 Y, 6.98 GAL/SK WATER. WASH PUMP & LINES, LOAD & DROP TOP PLUG ONLY. DISPLACED WITH 150 BBLS FRESH WATER @ 7 BPM AVERAGE, BUMP PLUG W/1500 PSI OVER FCP OF 2828 PSI @ 4.0 BPM. HELD PRESSURE (4350 PSI) 5 MIN. RELEASED PRESSURE, FLOW BACK 2.0 BBLS. RE PRESSURE UP TO 3000 PSI FOR 1 HOURS. PLUG DOWN @ 00:48 HRS, 11/20 /2010. FULL RETURNS MUD ONLY DURING CEMENTING.

BLM NOTIFIED E-MAIL, UDOGM CAROL DANIEL NOTIFIED PHONE @ 08:30 11/18/10, RE; RUN CSG. NO BLM OR UDOGM OBSERVERS PRESENT.

01:00 02:00 1.0 WOC. MBT HAULED MUD TO STORAGE.

02:00 03:00 1.0 FMC SERVICE TECH SET CSG MANDREL PACKOFF AND TEST TO 5000 PSI. OK.

03:00 06:00 3.0 RDRT.

NO ACCIDENTS REPORTED. 1 OFF LOC. INCIDENTS, LAMB TRUCKING HAULING SACK MUD FROM LOCATION LOST HIS LOAD WHEN BANK GAVE WAY TO HIS OUTSIDE TRAILER WHEELS PASSING A HALLIBURTON BULK CEMENT TRUCK PARKED AT ENTRANCE TO LOCATION. NO INJURY TO PEOPLE OR EQUIPMENT REPORTED.

SAFETY MEETINGS: LDDP. RUN CASING. RDRT

FUEL ON HAND 2166 GL. USED 1000 GL. RECEIVED 1000 GAL. BOILER 20 HOURS. 115 TOTAL HRS.

WEATHER; CLOUDY, 34 DEG., 70% HUMIDY, 25 DEG. DEW POINT, WINDS ESE @ 5 MPH.

BLM NOTIFIED E-MAIL AND UDOGM,CAROL DANIELS BY VOICE MAIL @ 14:00 HRS. 11/19/2010 RE: BOP TEST ON HOSS 87-33.

TRANSFER 5 JT'S (201.50') 4.5" 11.6#, N-80 LTC CSG., 3 JTS. 4.5" 11.6#, P-110 MARKER JTS. (37.95') AND 2166 GALLONS FUEL TO THE HOSS 87-33 @ \$3.28/GAL. (\$7105).

06:00 RIG RELEASED @ 03:00 HRS, ON 11/20/10.  
CASING POINT COST \$588,576

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
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<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/24/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The referenced well was turned to sales on December 24, 2010. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

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

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/27/2010	

# WELL CHRONOLOGY REPORT

Report Generated On: 12-27-2010

<b>Well Name</b>	HOSS 073-33	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	PONDEROSA	<b>API #</b>	43-047-39706	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	11-14-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,760/ 9,760	<b>Property #</b>	061542
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	5,046/ 5,030				
<b>Location</b>	Section 33, T8S, R23E, NESW, 1956 FSL & 2056 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	77.0

<b>AFE No</b>	304724	<b>AFE Total</b>	1,645,100	<b>DHC / CWC</b>	663,100/ 982,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	02-04-2008
<b>02-04-2008</b>	<b>Reported By</b>	CYNTHIA HANSELMAN			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA (PROG 10/12/10)
			1956' FSL & 2056' FWL (NE/SW)
			SECTION 33, T8S, R23E
			UINTAH COUNTY, UTAH
			LAT 40.077347, LONG 109.334197 (NAD 83)
			LAT 40.077383, LONG 109.333517 (NAD 27)
			TRUE #34
			OBJECTIVE: 9760' TD, MESAVERDE
			DW/GAS
			PONDEROSA PROSPECT
			DD&A: CHAPITA DEEP WELLS
			NATURAL BUTTES FIELD
			LEASE: UTU-64422
			ELEVATION: 5032.7' NAT GL, 5029.9' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5030'), 5049' KB (19')

EOG WI 100%, NRI 77%

10-20-2010      **Reported By**      TERRY CSERE

**DailyCosts: Drilling** \$75,000 **Completion** \$0 **Daily Total** \$75,000  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION BUILD WILL START TODAY.

**10-21-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

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

**10-22-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 50% COMPLETE.

**10-25-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

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

**10-26-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CLOSED LOOP 20% COMPLETE.

**10-27-2010** **Reported By** TERRY CSERE



TOP JOB # 3: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HOURS.

TOP JOB # 4: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS WOC 2.5 HOURS.

TOP JOB # 5: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. GOOD RETURNS, CEMENT STOOD AT SURFACE. OBSERVE WELL 1.5 HOURS. USED 300 SACKS FOR TOP OUT. RELEASE HALLIBURTON

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

CRAIG'S RIG 2 TOOK 3 SURVEYS WHILE DRILLING HOLE @ 1560' = 1.5 DEGREES, 1980' = 2 DEGREES, 2765' = 3.0 DEGREES.

DALL COOK NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 11/04/2010 @ 02:00 PM. DALL COOK NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 11/04/2010 AT 02:00 PM. NOTIFICATIONS SENT ON 11/02/2010 AT 10:40 AM.

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<b>11-14-2010</b>	<b>Reported By</b>	DAVID GREESON									
<b>DailyCosts: Drilling</b>	\$67,421	<b>Completion</b>	\$0	<b>Daily Total</b>	\$67,421						
<b>Cum Costs: Drilling</b>	\$348,659	<b>Completion</b>	\$0	<b>Well Total</b>	\$348,659						
<b>MD</b>	2,784	<b>TVD</b>	2,784	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> RURT											

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
10:00	06:00	20.0	MOVE RIG FROM THE HOSS 71-33 TO THE HOSS 73-33, 1.4 MILES. TRANSFERRING 6 JT'S (241.68') OF 4.5" N-80 11.6# LTC PROD. CSG.; 1 JT. (5.64') OF 4.5" HCP-110 11.6# LTC MARKER JT'S AND 3306 GL. DIESEL FUEL TO THE HOSS 73-33. RW JONES TRUCKS BEGIN RIG MOVE AT 10:00 11-13-10. RIG 35% RIGGED UP AND 90% MOVED IN AT REPORT TIME. TRUCKS WAITING ON DAYLIGHT TO RESUME RIG MOVE.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS: CEMENTING/ RIG MOVE. .  
 FUEL ON HAND 3306 GL.; BOILER 12 HOURS.

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<b>11-15-2010</b>	<b>Reported By</b>	DAVID GREESON									
<b>DailyCosts: Drilling</b>	\$61,942	<b>Completion</b>	\$0	<b>Daily Total</b>	\$61,942						
<b>Cum Costs: Drilling</b>	\$410,602	<b>Completion</b>	\$0	<b>Well Total</b>	\$410,602						
<b>MD</b>	3,917	<b>TVD</b>	3,917	<b>Progress</b>	1,199	<b>Days</b>	1	<b>MW</b>	9.3	<b>Visc</b>	33.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 3917'											

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	12:30	6.5	MOVE RIG FROM THE HOSS 71-33 TO THE HOSS 73-33, 1.4 MILES. TRANSFERRING 6 JT'S (241.68') OF 4.5" N-80 11.6# LTC PROD. CSG.; 1 JT. (5.64') OF 4.5" HCP-110 11.6# LTC MARKER JT. AND 3306 GL. DIESEL FUEL TO THE HOSS 73-33. DERRICK LAYED OVER AT 12:00 11-13-10. RW JONES TRUCKS BEGIN RIG MOVE AT 10:00 11-13-10 UNTIL DUSK. CONTINUED RIG MOVE AT 07:00 ON 11-14-10. DERRICK UP AT 09:00. NIPPLE UP BOP AND CHOKE MANIFOLD. RU FLOOR AND CIRCULATING SYSTEMS. RIG ACCEPTED ON DAYWORK @ 12:30, 11-14-10.

12:30 15:30 3.0 PJSM WITH B & C QUICK TEST, INC. RU AND TEST PIPE RAMS, BLIND RAMS, HCR, CHOKE LINES, MANIFOLD, KILL LINE VALVES, UPPER & LOWER KELLY & INSIDE BOP TO 250 LOW/5000 PSI HI, 10 MINUTES. TEST ANNULAR PREVENTER 250 LOW/2500 PSI HIGH FOR 10 MINUTES. ALL TEST GOOD.

15:30 16:00 0.5 TEST SURFACE CASING TO 1500 PSI FOR 30 MIN. TESTED GOOD.

16:00 17:00 1.0 RD B&C QUICKTEST. RU FRANKS-WESTATES LD MACHINE AND SERVICE TOOLS. HELD SAFETY MEETING OVER SAFE DRILL STRING PICK UP W/ ALL ON LOCATION PRESENT.  
SET WEAR BUSHING IN WELLHEAD.

17:00 19:30 2.5 PU BHA & DP W/ FRANKS-WESTATES LD MACHINE. TAG AT 2634'.

19:30 20:30 1.0 TORQUE KELLY, INSTALL ROT. HEAD RUBBER AND DRIVE BUSHING.

20:30 22:00 1.5 DRILL CEMENT AND FLOAT EQUIP. TAG @ 2634', DRILL CEMENT, SHOE @ 2718', OLD HOLE TO 2781'. DRILL 11' OF NEW HOLE TO 2792' AND PREPARE FOR F.I.T. 5-8K WOB, 120 STK, 454 GPM ON #2 PUMP. 55RPM/73MM.

22:00 22:30 0.5 F.I.T. TEST: 220PSI @ 2792' W/ 9.2 MUD WT. = 10.7 EMW.

22:30 01:30 3.0 DRILL F/2792' TO 3230' (438') 146' FPH. 55 RPM + 73 MM. WOB 14-18. PUMP 454 GPM @ 120 SPM ON #1 PUMP. SPP 1600 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE. MUD WT. 9.2 VIS. 33.

01:30 02:00 0.5 SURVEY @3150', 3.62 DEGREE.

02:00 06:00 4.0 DRILL F/3230' TO 3917' (687') 172' FPH. 55 RPM + 73 MM. WOB 14-18. PUMP 454 GPM @ 120 SPM ON #1 PUMP. SPP 1850 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE. MUD WT. 9.3 VIS. 34. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: RAISING DERRICK/PU BHA.  
FUEL: RECEIVED 7000 GL. ON HAND 8892 GL. USED 1072 GL.  
BOILER 12 HOURS. 24 TOTAL HR'S.

06:00 SPUD 7 7/8" HOLE @ 22:30 HRS, 11-14-10.

<b>11-16-2010</b>		<b>Reported By</b>	DAVID GREESON								
<b>Daily Costs: Drilling</b>	\$22,853	<b>Completion</b>	\$0	<b>Daily Total</b>	\$22,853						
<b>Cum Costs: Drilling</b>	\$433,455	<b>Completion</b>	\$0	<b>Well Total</b>	\$433,455						
<b>MD</b>	6,408	<b>TVD</b>	6,408	<b>Progress</b>	2,491	<b>Days</b>	2	<b>MW</b>	9.9	<b>Visc</b>	35.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time:** DRILLING @ 6408'

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	07:00	1.0	DRILL F/3917' TO 4100' (183') 183' FPH. 55 RPM + 73 MM. WOB 16-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 1950 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE. MUD WT. 9.4 VIS. 34. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.
07:00	07:30	0.5	SURVEY @4020', 2.0 DEGREE.
07:30	14:00	6.5	DRILL F/4100' TO 5036' (936') 144' FPH. 55 RPM + 73 MM. WOB 16-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 1950 PSI, DIFF 240/450. DRILLING MAHOGANY OIL SHALE, WASATCH AT 5,068'. MUD WT. 9.6 VIS. 34. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.
14:00	14:30	0.5	SERVICE RIG.
14:30	15:00	0.5	SURVEY @4956', 1.09 DEGREE.
15:00	06:00	15.0	DRILL F/5036' TO 6408' (1372') 92' FPH. 55 RPM + 73 MM. WOB 16-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 2250 PSI, DIFF 240/450. DRILLING: WASATCH AT 5,068', CHAPITA WELLS 5,670', BUCK CANTON 6,358'; MUD WT. 9.9 VIS. 35. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: RIG INSPECTION/FORKLIFT SAFETY.

FUEL ON HAND 7296 GL. USED 1596 GL.  
BOILER 12 HOURS. 36 TOTAL HR'S.

**11-17-2010**      **Reported By**      DAVID GREESON

**DailyCosts: Drilling**      \$38,884      **Completion**      \$4,119      **Daily Total**      \$43,003

**Cum Costs: Drilling**      \$472,339      **Completion**      \$4,119      **Well Total**      \$476,459

**MD**      8,120      **TVD**      8,120      **Progress**      1,712      **Days**      3      **MW**      11.1      **Visc**      36.0

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

**Activity at Report Time:** DRILLING @ 8,120'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL F/6408' TO 6998' (590') 84' FPH. 55 RPM + 73 MM. WOB 18-20. PUMP 454 GPM @ 120 SPM ON #2 PUMP. SPP 2400 PSI, DIFF 200/450. DRILLING: BUCK CANYON 6,358. NORTH HORN 6,993'. MUD WT. 10.2 VIS. 35. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.
13:00	13:30	0.5	SERVICE RIG. FUNCTION BOP AND COM DRILLING.
13:30	06:00	16.5	DRILL F/6998' TO 8120' (1122') 68' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 419 GPM @ 120 SPM ON #1 PUMP. SPP 2500 PSI, DIFF 200/450. DRILLING: NORTH HORN 6,993'. PRICE RIVER 7,419'. MUD WT. 11.1 VIS. 38. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: FORKLIFT SAFETY/MIXING CAUSTIC.  
FUEL ON HAND 5472 GL. USED 1824 GL.  
BOILER 12 HOURS. 60 TOTAL HR'S.

**11-18-2010**      **Reported By**      GLEN PRUET, DAVID GREESON

**DailyCosts: Drilling**      \$32,441      **Completion**      \$2,932      **Daily Total**      \$35,373

**Cum Costs: Drilling**      \$504,780      **Completion**      \$7,051      **Well Total**      \$511,832

**MD**      9,350      **TVD**      9,350      **Progress**      1,230      **Days**      4      **MW**      11.3      **Visc**      38.0

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

**Activity at Report Time:** DRILLING @ 9350'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/8120' TO 8504' (384') 59' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2625 PSI, DIFF 265/460. DRILLING: MIDDLE PRICE RIVER F/ 8183'. MUD WT. 11.1 VIS. 38. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'. FUNC. COM DRLG. @ 8127'.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	DRILL F/8504' TO 9350' (846') 49.76' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2650 PSI, DIFF 100/350. DRILLING: MIDDLE PRICE RIVER F/8183', LOWER PRICE F/8975'. MUD WT. 11.3 VIS. 39. PUMPING HIGH-VIS GEL SWEEPS EVERY 200'. FUNC. COM DRLG. @ 8787'.

NO ACCIDENTS OR INCIDENTS REPORTED.  
SAFETY MEETINGS: UNLOAD MUD BOAT, STEAM SYSTEM.  
FUEL ON HAND 3643 GL. USED 1865 GL.  
BOILER 18 HOURS. 78 TOTAL HR'S.  
WEATHER; MOSTLY CLOUDY, 43 DEG., 76% HUMIDY, 35 DEG. DEW POINT, WIND NNW @ 6 MPH.  
CASING: 240 RECEIVED, 6 CARRY OVER; 9884'. IN PERC.  
CASING MKR JTS: 4 RECEIVED, 1 CARRY OVER.

**11-19-2010**      **Reported By**      GLEN PRUET

**DailyCosts: Drilling**      \$35,934      **Completion**      \$0      **Daily Total**      \$35,934

**Cum Costs: Drilling** \$540,715      **Completion** \$7,051      **Well Total** \$547,767  
**MD** 9,760    **TVD** 9,760    **Progress** 410    **Days** 5    **MW** 11.4    **Visc** 40.0  
**Formation :**                    **PBTD : 0.0**                    **Perf :**                    **PKR Depth : 0.0**

**Activity at Report Time:** PREP TO LD DP

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL F/9350' TO 9635' (285') 40.7' FPH. 50 RPM + 67 MM. WOB 18-20. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2650 PSI, DIFF 100/350. DRILLING: LOWER PRICE RIVER F/8975'. MUD WT. 11.3 VIS. 39. PUMPING HIGH-VIS GEL SWEEPS EVERY 100'. FUNC. COM DRLG. @9386'.
13:00	13:30	0.5	SERVICE RIG.
13:30	18:00	4.5	DRILL F/9635' TO 9760' (125') 27.77' FPH. 50 RPM + 67 MM. WOB 18-24. PUMP 420 GPM @ 120 SPM PUMP #1. SPP 2650 PSI, DIFF 100/350. DRILLING: LOWER PRICE RIVER F/8975'. SEGO F/9557'. MUD WT. 11.5 VIS. 39. PUMP HIGH-VIS GEL SWEEPS EVERY 100'. REACHED TD @ 18:00 HRS, 11/18/2010.
18:00	19:00	1.0	PUMP 80 BBLs HIGH VIS SWEEP AND CBU FOR WIPER TRIP. SMALL INCREASE OF FINE CUTTINGS ON BOTTOMS UP.
19:00	00:30	5.5	CHECK FOR FLOW, DROP TOTCO, SLUG PIPE, FUNC. COM F/TRIP AND POOH. TIGHT HOLE F/9465' TO 9400', F/4980' TO 4900' WORK PIPE 1 HR. F/3800' TO 3626' WORK PIPE 1 HR. TRIP OUT, LAID DOWN REAMERS, REMOVED BIT NOZZLES. RECOVER TOTCO. HOLE TOOK CALCULATED FILL ON TRIP OUT.
00:30	04:30	4.0	TIH. REAM THROUGH TIGHT HOLE 3600' - 3800', 4900' - 5000', 9400' - 9465'. WASHED & REAMED 75' TO BOTTOM. 9685' - 9760'.
04:30	06:00	1.5	CIRCULATE TRIP GAS OUT. PUMP 80 BBLs HIGH VIS SWEEP, CIRCULATE AND R/U FRANKS L/D MACHINE.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS: PPE BOXES, RU LAYDOWN MACHINE.  
 FUEL ON HAND 2166 GL. USED 1477 GL.  
 BOILER 17 HOURS. 95 TOTAL HR'S.  
 WEATHER; FAIR, 29 DEG., 54% HUMIDY, 17 DEG. DEW POINT, WINDS CALM.

**11-20-2010**      **Reported By**      GLEN PRUET

**Daily Costs: Drilling** \$47,861      **Completion** \$162,093      **Daily Total** \$209,954  
**Cum Costs: Drilling** \$588,576      **Completion** \$169,144      **Well Total** \$757,721  
**MD** 9,760    **TVD** 9,760    **Progress** 0    **Days** 6    **MW** 11.5    **Visc** 42.0  
**Formation :**                    **PBTD : 0.0**                    **Perf :**                    **PKR Depth : 0.0**

**Activity at Report Time:** RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE TRIP GAS OUT. PUMP 80 BBLs HIGH VIS SWEEP, CIRCULATE AND R/U FRANKS L/D MACHINE.
07:00	14:30	7.5	PJSM W/RIG CREW & FRANKS CREW. LDDP/ DC'S. BREAK KELLY, PULL ROT. RUBBER, AND PULL WEAR BUSHING. HOLE TOOK CALCULATED FILL ON TRIP OUT. WORKED THROUGH TIGHT SPOTS @ 5193' AND 4541', TOTAL TIME SPENT 1.5 HRS. DID NOT PICK UP KELLY WORKING PIPE.
14:30	21:30	7.0	HELD SAFETY MEETING W/RIG CREWS & FRANKS CASING CREW. R/U CASING TOOLS & RAN TOTAL OF 241 JTS 4 1/2", 11.6#, N-80, LTC CASING & LANDED @ 9755. HOLE DISPLACEMENT GOOD, HAD NO MUD LOSS ON TRIP IN HOLE WITH CASING. RAN CASING AS FOLLOWS; FLOAT SHOE @ 9755', 1 SHOE JT., FLOAT COLLAR W/LATCH DOWN ASSEMBLY @ 9712', 240 JTS PLUS 2 MKR. JTS (21.85') BOTTOM MARKER @ 7392' & (21.82') TOP MARKER @ 4639', CASING MANDREL HANGER W/ 1 PUP JT (6.15'). RAN 3 TURBULIZERS, 1 - 10' ABOVE SHOE 1 EACH IN MIDDLE OF JTS 2 & 3. RAN 43 CENTRALIZERS STARTING ON JT #4 AND EACH 3RD JT. TO 4599'. TAG BOTTOM W/ JOINT # 242. LAID IT DOWN. LAND CASING W/ 93,000 ON HANGER.

21:30 23:00 1.5 CIRCULATE W/CASING ON BOTTOM. PJSM. R/D FRANKS CSG TOOLS AND R/U HALLIBURTON.  
 23:00 01:00 2.0 HALLIBURTON TEST PUMP & LINES TO 5000 PSI & CEMENT CASING AS FOLLOWS; 10 BBLS FRESH WATER, 20 BBLS MUD FLUSH, 435 SKS. (142.5 BBLS) HIGHBOND LEAD CEMENT MIXED @ 12.0 PPG, 1.84 Y, 9.86 GAL/SK WATER. PLUS 1350 SKS (353.4 BBLS.), EXTENDACEM TAIL CEMENT MIXED @ 13.5 PPG, 1.47 Y, 6.98 GAL/SK WATER. WASH PUMP & LINES, LOAD & DROP TOP PLUG ONLY. DISPLACED WITH 150 BBLS FRESH WATER @ 7 BPM AVERAGE, BUMP PLUG W/1500 PSI OVER FCP OF 2828 PSI @ 4.0 BPM. HELD PRESSURE (4350 PSI) 5 MIN. RELEASED PRESSURE, FLOW BACK 2.0 BBLS. RE PRESSURE UP TO 3000 PSI FOR 1 HOURS. PLUG DOWN @ 00:48 HRS, 11/20 /2010. FULL RETURNS MUD ONLY DURING CEMENTING.

BLM NOTIFIED E-MAIL, UDOGM CAROL DANIEL NOTIFIED PHONE @ 08:30 11/18/10, RE; RUN CSG. NO BLM OR UDOGM OBSERVERS PRESENT.

01:00 02:00 1.0 WOC. MBT HAULED MUD TO STORAGE.  
 02:00 03:00 1.0 FMC SERVICE TECH SET CSG MANDREL PACKOFF AND TEST TO 5000 PSI. OK.  
 03:00 06:00 3.0 RDRT.

NO ACCIDENTS REPORTED. 1 OFF LOC. INCIDENTS, LAMB TRUCKING HAULING SACK MUD FROM LOCATION LOST HIS LOAD WHEN BANK GAVE WAY TO HIS OUTSIDE TRAILER WHEELS PASSING A HALLIBURTON BULK CEMENT TRUCK PARKED AT ENTRANCE TO LOCATION. NO INJURY TO PEOPLE OR EQUIPMENT REPORTED.

SAFETY MEETINGS: LDDP. RUN CASING. RDRT

FUEL ON HAND 2166 GL. USED 1000 GL. RECEIVED 1000 GAL. BOILER 20 HOURS. 115 TOTAL HRS.

WEATHER; CLOUDY, 34 DEG., 70% HUMIDY, 25 DEG. DEW POINT, WINDS ESE @ 5 MPH.

BLM NOTIFIED E-MAIL AND UDOGM,CAROL DANIELS BY VOICE MAIL @ 14:00 HRS. 11/19/2010 RE: BOP TEST ON HOSS 87-33.

TRANSFER 5 JT'S (201.50') 4.5" 11.6#, N-80 LTC CSG., 3 JTS. 4.5" 11.6#, P-110 MARKER JTS. (37.95') AND 2166 GALLONS FUEL TO THE HOSS 87-33 @ \$3.28/GAL. (\$7105).

06:00 RIG RELEASED @ 03:00 HRS, ON 11/20/10.  
 CASING POINT COST \$588,576

**11-23-2010 Reported By SEARLE**

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$30,300	<b>Daily Total</b>	\$30,300
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$199,444	<b>Well Total</b>	\$788,021
<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD :</b>	9712.0	<b>Perf :</b>	
<b>Activity at Report Time:</b>	PREP FOR FRACS				
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>		
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM 9604' TO 790'. EST CEMENT TOP @ 1050'. RDWL.		

**12-17-2010 Reported By MCCURDY**

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$1,248	<b>Daily Total</b>	\$1,248
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$200,692	<b>Well Total</b>	\$789,269
<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD :</b>	9712.0	<b>Perf :</b>	
<b>Activity at Report Time:</b>	WO COMPLETION				
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>		
06:00	06:00	24.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.		

**12-21-2010 Reported By MCCURDY**

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$1,728	<b>Daily Total</b>	\$1,728
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$202,420	<b>Well Total</b>	\$790,997
<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0
				<b>Days</b>	9
				<b>MW</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 9712.0</b>		<b>Perf : 7478'-9345'</b>	
				<b>PKR Depth : 0.0</b>	

Activity at Report Time: FRAC STAGE 8

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FRAC TANKS PRE MIXED W/ BIOCIDE (75) @ .05 GAL/M, WSI SCALE INHIBITOR (3730) @ 1 GAL/M.

STAGE 1. MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 9181'-82', 9186'-87', 9200'-01', 9209'-10', 9215'-16', 9230'-31', 9236'-37', 9242'-43', 9248'-49', 9301'-02', 9326'-27', 9333'-34', 9339'-40', 9344'-45' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7517 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 27207 GAL 16# DELTA 200 W/92500# 20/40 SAND @ 2-5 PPG. MTP 5723 PSIG. MTR 51.4 BPM. ATP 4832 PSIG. ATR 49.1 BPM. ISIP 3604 PSIG. RD HALLIBURTON.

STAGE 2. RUWL. SET 6K CFP AT 9136'. PERFORATE MPR/LPR FROM 8836'-37', 8845'-46', 8865'-66', 8877'-78', 8903'-04', 8914'-15', 8921'-22', 8972'-73', 8984'-85', 8990'-91', 9034'-35', 9066'-67', 9077'-78', 9114'-15' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 44093 GAL 16# DELTA 200 W/136400# 20/40 SAND @ 1-5 PPG. MTP 6212 PSIG. MTR 51.9 BPM. ATP 5642 PSIG. ATR 38.7 BPM. ISIP 3536 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 8802'. PERFORATE MPR FROM 8544'-45', 8553'-54', 8561'-62', 8569'-70', 8586'-87', 8606'-07', 8611'-12', 8631'-32', 8649'-50', 8664'-65', 8679'-80', 8715'-16', 8774'-75', 8779'-80' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 29139 GAL 16# DELTA 200 W/68300# 20/40 SAND @ 1-3 PPG. MTP 6698 PSIG. MTR 47.2 BPM. ATP 5594 PSIG. ATR 34.7 BPM. ISIP 4020 PSIG. RD HALLIBURTON.

STAGE 4. RUWL. SET 6K CFP AT 8506'. PERFORATE MPR FROM 8283'-84', 8294'-95', 8303'-04', 8317'-18', 8335'-36', 8346'-47', 8359'-60', 8369'-70', 8383'-84', 8395'-96', 8431'-32', 8456'-57', 8470'-71', 8485'-86' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7388 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 55703 GAL 16# DELTA 200 W/195000# 20/40 SAND @ 2-5 PPG. MTP 6184 PSIG. MTR 51.3 BPM. ATP 4566 PSIG. ATR 44.8 BPM. ISIP 2466 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8269'. PERFORATE UPR/MPR FROM 7973'-74', 7980'-81', 7995'-96', 8000'-01', 8006'-07', 8017'-18', 8055'-56', 8200'-01', 8204'-05', 8218'-19', 8224'-25', 8229'-30', 8233'-34', 8254'-55' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7560 GAL 16# LINEAR W/9700# 20/40 SAND @ 1-1.5 PPG, 31577 GAL 16# DELTA 200 W/108900# 20/40 SAND @ 2-5 PPG. MTP 5653 PSIG. MTR 50.6 BPM. ATP 4410 PSIG. ATR 49.4 BPM. ISIP 2796 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7938'. PERFORATE UPR FROM 7645'-46', 7652'-53', 7662'-63', 7665'-66', 7688'-89', 7695'-96', 7702'-03', 7723'-24', 7744'-45', 7785'-86', 7807'-08', 7852'-53', 7880'-81', 7917'-18' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7435 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 27711 GAL 16# DELTA 200 W/93600# 20/40 SAND @ 2-5 PPG. MTP 6000 PSIG. MTR 50.8 BPM. ATP 4651 PSIG. ATR 47.2 BPM. ISIP 2370 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 7631'. PERFORATE UPR FROM 7478'-79', 7484'-85', 7498'-99', 7524'-25', 7547'-48', 7555'-56', 7561'-62', 7569'-70', 7584'-85', 7600'-01', 7604'-05', 7607'-08' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7420 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 23459 GAL 16# DELTA 200 W/78200# 20/40 SAND @ 2-5 PPG. MTP 4970 PSIG. MTR 50.6 BPM. ATP 4044 PSIG. ATR 49.8 BPM. ISIP 2720 PSIG. RD HALLIBURTON. SWIFN.

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$457,792	<b>Daily Total</b>	\$457,792
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$660,213	<b>Well Total</b>	\$1,248,789
<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0
				<b>Days</b>	10
				<b>MW</b>	0.0
				<b>Visc</b>	0.0
<b>Formation : MESAVERDE / WASATCH</b>	<b>PBTD : 9712.0</b>		<b>Perf : 5506'-9345'</b>	<b>PKR Depth : 0.0</b>	

**Activity at Report Time:** PREP TO MIRUSU FOR POST FRAC CLEAN OUT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	STAGE 8. RUWL. SET 6K CFP AT 7436'. PERFORATE NH FROM 7236'-37', 7243'-44', 7256'-57', 7262'-63', 7288'-89', 7333'-34', 7341'-42', 7346'-47', 7356'-57', 7371'-72', 7377'-78', 7384'-85', 7401'-02', 7416'-17' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 6406 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 29812 GAL 16# DELTA 200 W/103000# 20/40 SAND @ 2-4 PPG.(NO 5# SAND BLENDER SCREWS SHUTDOWN). MTP 4833 PSIG. MTR 50.8 BPM. ATP 3705 PSIG. ATR 47.9 BPM. ISIP 2410 PSIG. RD HALLIBURTON.

STAGE 9. RUWL. SET 6K CFP AT 7199'. PERFORATE NH FROM 6963'-64', 6976'-77', 6992'-93', 7017'-18', 7021'-22', 7024'-25', 7044'-45', 7047'-48', 7066'-67', 7075'-76', 7101'-02', 7118'-19', 7144'-45', 7181'-82' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7799 GAL 16# LINEAR W/10000# 20/40 SAND @ 1-1.5 PPG, 31146 GAL 16# DELTA 200 W/106200# 20/40 SAND @ 2-5 PPG. MTP 5864 PSIG. MTR 50.4 BPM. ATP 5007 PSIG. ATR 49.6 BPM. ISIP 3350 PSIG. RD HALLIBURTON.

STAGE 10. RUWL. SET 6K CFP AT 6950'. PERFORATE Ba FROM 6687'-88', 6698'-99', 6705'-06', 6717'-18', 6746'-47', 6759'-60', 6785'-86', 6799'-800', 6815'-16', 6842'-43', 6845'-46', 6922'-23', 6925'-26', 6929'-30' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7382 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 29337 GAL 16# DELTA 200 W/95900# 20/40 SAND @ 2-4 PPG. MTP 6293 PSIG. MTR 50.7 BPM. ATP 5404 PSIG. ATR 38.3 BPM. ISIP 2180 PSIG. RD HALLIBURTON.

STAGE 11. RUWL. SET 6K CFP AT 6636'. PERFORATE Ca/Ba FROM 6225'-26', 6236'-37', 6274'-75', 6280'-81', 6289'-90', 6374'-75', 6447'-48', 6470'-71', 6497'-98', 6510'-11', 6537'-38', 6563'-64', 6582'-83', 6616'-17' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 7672 GAL 16# LINEAR W/9900# 20/40 SAND @ 1-1.5 PPG, 26223 GAL 16# DELTA 200 W/85200# 20/40 SAND @ 2-4 PPG. MTP 6453 PSIG. MTR 51 BPM. ATP 4861 PSIG. ATR 39.8 BPM. ISIP 2240 PSIG. RD HALLIBURTON.

STAGE 12. RUWL. SET 6K CFP AT 6203'. PERFORATE Ca FROM 5778'-80', 5816'-17', 5868'-69', 5871'-72', 5874'-75', 5877'-78', 5984'-85', 6093'-94', 6124'-25', 6141'-42', 6166'-67', 6169'-70', 6179'-80' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 6385 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 30702 GAL 16# DELTA 200 W/103900# 20/40 SAND @ 2-4 PPG. MTP 5742 PSIG. MTR 50.7 BPM. ATP 3923 PSIG. ATR 49.3 BPM. ISIP 2445 PSIG. RD HALLIBURTON.

STAGE 13. RUWL. SET 6K CFP AT 5766'. PERFORATE Pp/Ca FROM 5506'-07', 5510'-11', 5516'-17', 5520'-21', 5711'-12', 5720'-21', 5725'-26', 5730'-31', 5733'-34', 5739'-40', 5743'-44', 5749'-50' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/10 GAL BIOCIDE (AQUAR GA 50), 37716 GAL 16# DELTA 200 W/135700# 20/40 SAND @ 3-4 PPG. MTP 5082 PSIG. MTR 50.5 BPM. ATP 3380 PSIG. ATR 50 BPM. ISIP 2010 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5405'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

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<b>12-23-2010</b>	<b>Reported By</b>	HISLOP			
<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$28,354	<b>Daily Total</b>	\$28,354
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$688,567	<b>Well Total</b>	\$1,277,143
<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0
				<b>Days</b>	11
				<b>MW</b>	0.0
				<b>Visc</b>	0.0

**Formation :** MESAVERDE / **PBTD :** 9712.0 **Perf :** 5506'-9345' **PKR Depth :** 0.0  
 WASATCH

**Activity at Report Time:** RIH W/BIT & POBS. PREP FOR POST FRAC CLEAN OUT.

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRUSU. ND FRAC TREE & NU BOP. PRESSURE TESTED BOP & BLIND RAMS TO 3000 PSIG. RIH W/ BIT & PUMP OFF SUB TO 5405'. RU TO DRILL OUT PLUGS. TESTED PIPE RAMS TO 3000 PSIG. SDFN.

**12-24-2010** **Reported By** HISLOP

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$72,637	<b>Daily Total</b>	\$72,637
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$761,204	<b>Well Total</b>	\$1,349,780

<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0	<b>Days</b>	12	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE / **PBTD :** 9712.0 **Perf :** 5506'-9345' **PKR Depth :** 0.0  
 WASATCH

**Activity at Report Time:** FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5405', 5766', 6203', 6636', 6950', 7199', 7436', 7631', 7938', 8269', 8506', 8802', & 9136'. CLEANED OUT TO 9480'. LANDED TUBING @ 7475' KB. ND BOP. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 13 HRS. 24/64" CHOKE. FTP 740 PSIG. CP 800 PSIG. 77 BFPH. RECOVERED 630 BLW. 13270 BLWTR.

TUBING DETAIL LENGTH

- PUMP OFF BIT SUB 0.91'
- 1 JT 2-3/8" 4.7# N-80 TBG 32.92'
- XN NIPPLE 1.30'
- 232 JTS 2-3/8" 4.7# N-80 TBG 7421.01'
- BELOW KB 19.00'
- LANDED @ 7475.14' KB

**12-25-2010** **Reported By** HISLOP

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$2,820	<b>Daily Total</b>	\$2,820
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$764,024	<b>Well Total</b>	\$1,352,600

<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0	<b>Days</b>	13	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE / **PBTD :** 9712.0 **Perf :** 5506'-9345' **PKR Depth :** 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING THROUGH BRECO UNIT TO SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 660 PSIG. CP 700 PSIG. 53 BFPH. RECOVERED 1229 BLW. 11741 BLWTR. 334 MCFD RATE.

**12-26-2010** **Reported By** HISLOP

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$2,820	<b>Daily Total</b>	\$2,820
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$766,844	<b>Well Total</b>	\$1,355,420

<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0	<b>Days</b>	14	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE / **PBTD :** 9712.0 **Perf :** 5506'-9345' **PKR Depth :** 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING THROUGH BRECO UNIT TO SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 620 PSIG. CP 1300 PSIG. 38 BFPH. RECOVERED 1023 BLW. 10718 BLWTR. 356 MCFD RATE.

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12-27-2010      Reported By      HISLOP

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,820	<b>Daily Total</b>	\$2,820
<b>Cum Costs: Drilling</b>	\$588,576	<b>Completion</b>	\$769,664	<b>Well Total</b>	\$1,358,240

<b>MD</b>	9,760	<b>TVD</b>	9,760	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE / WASATCH      **PBTD :** 9712.0      **Perf :** 5506'-9345'      **PKR Depth :** 0.0

**Activity at Report Time:** FLOW TEST TO SALES

Start	End	Hrs	Activity Description
06:00			FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 640 PSIG. CP 2000 PSIG. 34 BFPH. RECOVERED 912 BLW. 9806 BLWTR. 506 MCFD RATE.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU64422

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

2. Name of Operator  
EOG RESOURCES, INC. Contact: MICHELLE E ROBLES  
E-Mail: MICHELLE\_ROBLES@EOGRESOURCES.COM

3. Address 1060 EAST HIGHWAY 40  
VERNAL, UT 84078 3a. Phone No. (include area code)  
Ph: 307-276-4842

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon  
 At top prod interval reported below NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon  
 At total depth NESW 1956FSL 2056FWL 40.07735 N Lat, 109.33420 W Lon

14. Date Spudded 10/27/2010 15. Date T.D. Reached 11/18/2010 16. Date Completed  D & A  Ready to Prod.  
12/24/2010

17. Elevations (DF, KB, RT, GL)\*  
5033 GL

18. Total Depth: MD 9760 TVD 19. Plug Back T.D.: MD 9712 TVD 20. Depth Bridge Plug Set: MD TVD

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

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
HOSS 73-33

9. API Well No.  
43-047-39706

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 33 T8S R23E Mer SLB

12. County or Parish  
UINTAH 13. State  
UT

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	36.0		2718		850		0	
7.875	4.500 N80	11.6		9755		1785		1050	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7475							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7478	9345	7478 TO 9345			MESAVERDE
B) WASATCH	5506	7417	5506 TO 7417			WASATCH
C)						
D)						

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

Depth Interval	Amount and Type of Material
7478 TO 9345	276,279 GALS OF GELLED WATER & 820,800# 20/40 SAND
5506 TO 7417	220,640 GALS OF GELLED WATER & 675,300# 20/40 SAND

**RECEIVED**  
**JAN 25 2011**

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/24/2010	01/11/2011	24	→	53.0	1405.0	232.0			<b>DIV. OF OIL, GAS &amp; MINING</b> FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	780	1100.0	→	53	1405	232		PGW	

28a. Production - Interval B

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MESAVERDE	7478	9345		GREEN RIVER	1836
WASATCH	5506	7417		BIRDS NEST	2113
				MAHOGANY	2735
				UTELAND BUTTE	4797
				WASATCH	5007
				CHAPITA WELLS	5609
				BUCK CANYON	6299
				PRICE RIVER	7409

32. Additional remarks (include plugging procedure):  
Additional Formation (Log) Markers:

Middle Price River 8132  
Lower Price River 8906  
Sego 9453

33. Circle enclosed attachments:

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

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

Electronic Submission #100974 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., sent to the Vernal

Name (please print) MICHELLE E ROBLES Title REGULATORY ASSISTANT

Signature (Electronic Submission) Date 01/21/2011

*Michelle Robles*

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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU64422
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 73-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047397060000
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 2056 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/11/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Install H2S treater"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EOG Resources, Inc. requests authorization to install an H2S scavenging tower on the above referenced well pad. The proposed tower will be installed on existing disturbance; no new disturbance will be required. Attached is a diagram showing general placement of the facilities.

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

Date: 06/20/2011

By: *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Mary Maestas	<b>PHONE NUMBER</b> 303 824-5526	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/27/2011	

