

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 checked="" type="checkbox"/> Single Zone <input 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 88-33
3b. Phone No. (include area code) Ph: 303-824-5526		9. API Well No. 43-047-40016
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESE 600FSL 859FEL 40.07363 N Lat, 109.32572 W Lon At proposed prod. zone SESE 600FSL 859FEL 40.07363 N Lat, 109.32572 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH/MV
14. Distance in miles and direction from nearest town or post office* 35.6 MILES SOUTH OF VERNAL, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 33 T8S R23E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'	16. No. of Acres in Lease 2480.00	12. County or Parish UINTAH COUNTY
17. Spacing Unit dedicated to this well 40.00	13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 4060'	19. Proposed Depth 9450 MD	20. BLM/BIA Bond No. on file NM2308
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4971 GL	22. Approximate date work will start	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) <i>Mary A. Maestas</i>	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 04/10/2008
Title REGULATORY ASSISTANT		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 06-05-08
Title 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 #59576 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal

642830X  
4437084Y  
40.073814  
-109.325009

Federal Approval of this  
Action is Necessary

RECEIVED

APR 14 2008

DIV. OF OIL, GAS & MINING

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

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

## EOG RESOURCES, INC.

Well location, HOSS #88-33, located as shown in the SE 1/4 SE 1/4 of Section 33, T8S, R23E, S.L.B.&M., Uintah County, Utah.

N89°58'W - 5294.52' (G.L.O.)

1916 Brass Cap  
1.2' High, Pile  
of Stones

N00°03'W - 2640.00' (G.L.O.)

1916 Brass Cap  
0.9' High

33

N00°08'05"W - 5273.72' (Meas.)

N00°08'49"W - 2636.53' (Meas.)

1977 Brass Cap  
0.5' High, Pile  
of Stones

HOSS #88-33  
Elev. Ungraded Ground = 4971'

859'

1977 Brass Cap  
0.7' High, Set  
Stone

1600'  
1977 Brass Cap  
0.7' High, Small  
Pile of Stones

N89°57'19"W - 2644.78' (Meas.)

S89°48'31"W - 2641.53' (Meas.)

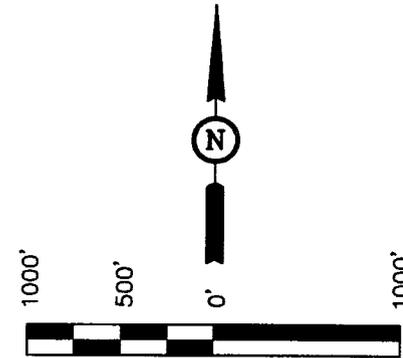
T8S  
T9S

### 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

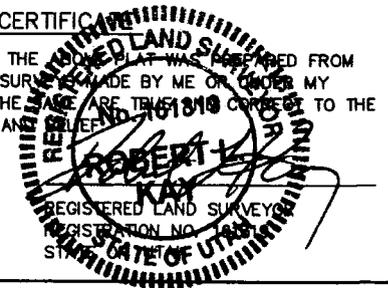
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

### CERTIFICATION

THIS IS TO CERTIFY THAT THE 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.



### LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40°04'25.06" (40.073628)

LONGITUDE = 109°19'32.60" (109.325722)

(NAD 27)

LATITUDE = 40°04'25.18" (40.073661)

LONGITUDE = 109°19'30.15" (109.325042)

### UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-30-07	DATE DRAWN: 12-06-07
PARTY J.M. K.F. C.P.	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:

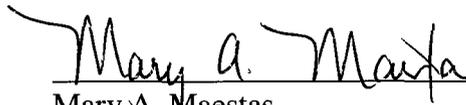
**Hoss 88-33  
600' FSL – 859' FEL (SESE)  
SECTION 33, T8S, R23E  
UINTAH COUNTY, UTAH**

EOG Resources, Inc., 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.

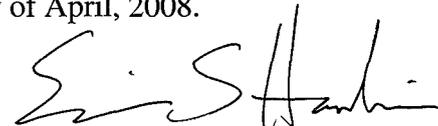
On the 4<sup>th</sup> day of April, 2008 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Encana Oil & Gas (USA) Inc.

Further affiant saith not.

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

Subscribed and sworn before me this 4<sup>th</sup> day of April, 2008.

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

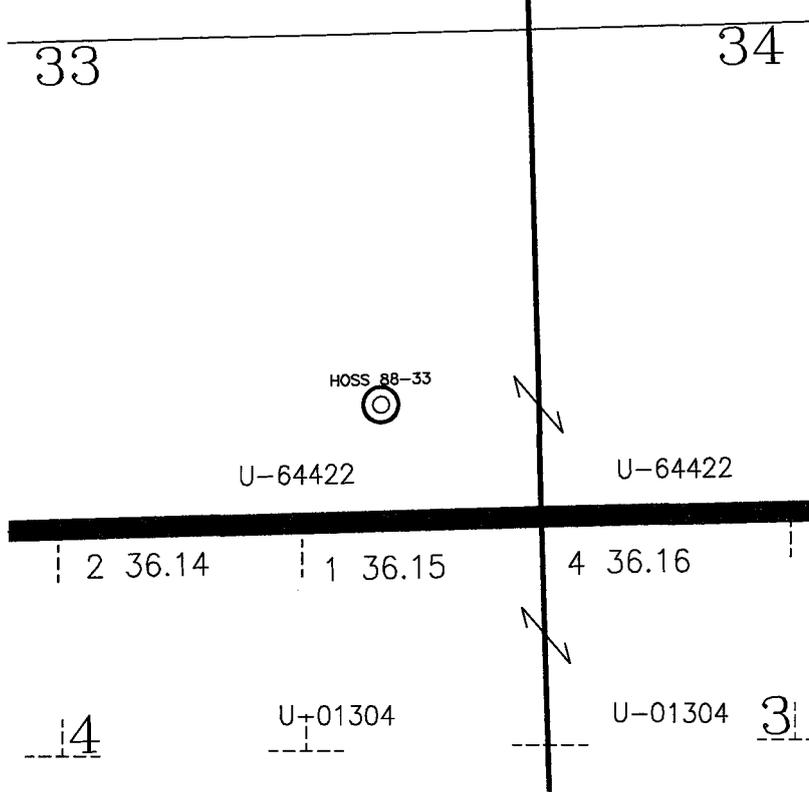
My Commission Expires:



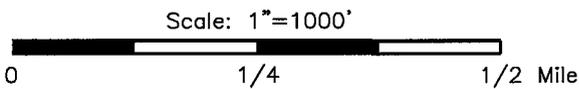
Exhibit "A" to Affidavit  
Hoss 88-33 Application to Commingle

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

R 23 E



○ HOSS 88-33



		Denver Division	
<b>EXHIBIT "A"</b>			
HOSS 88-33			
Commingling Application			
Uintah County, Utah			
Scale: 1"=1000'	D:\utah\Commingled\ Hoss88-33_commingled.dwg Layout1	Author GT	Mar 18, 2008 - 1:52pm

43047-40016

**EIGHT POINT PLAN**

**HOSS 88-33**  
**SE/SE, 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	2,048		Shale	
Mahogany Oil Shale Bed	2,687			
Wasatch	4,952	Primary	Sandstone	Gas
Chapita Wells	5,539	Primary	Sandstone	Gas
Buck Canyon	6,167	Primary	Sandstone	Gas
North Horn	6,775	Primary	Sandstone	Gas
KMV Price River	7,232	Primary	Sandstone	Gas
KMV Price River Middle	7,995	Primary	Sandstone	Gas
KMV Price River Lower	8,760	Primary	Sandstone	Gas
Sego	9,257		Sandstone	
<b>TD</b>	<b>9,450</b>			

**Estimated TD: 9,450' or 200'± below TD**

**Anticipated BHP: 5,160 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:**

<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#

## EIGHT POINT PLAN

### HOSS 88-33 SE/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

**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 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. 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).

## EIGHT POINT PLAN

### HOSS 88-33 SE/SE, SEC. 33, T8S, R23E, S.L.B.&M., UINTAH COUNTY, UTAH

- 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:  
**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: 147 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: 879 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.

## EIGHT POINT PLAN

### HOSS 88-33 SE/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

**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.

#### **13. AIR DRILLING OPERATIONS:**

- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 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.
- 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.

**EIGHT POINT PLAN**

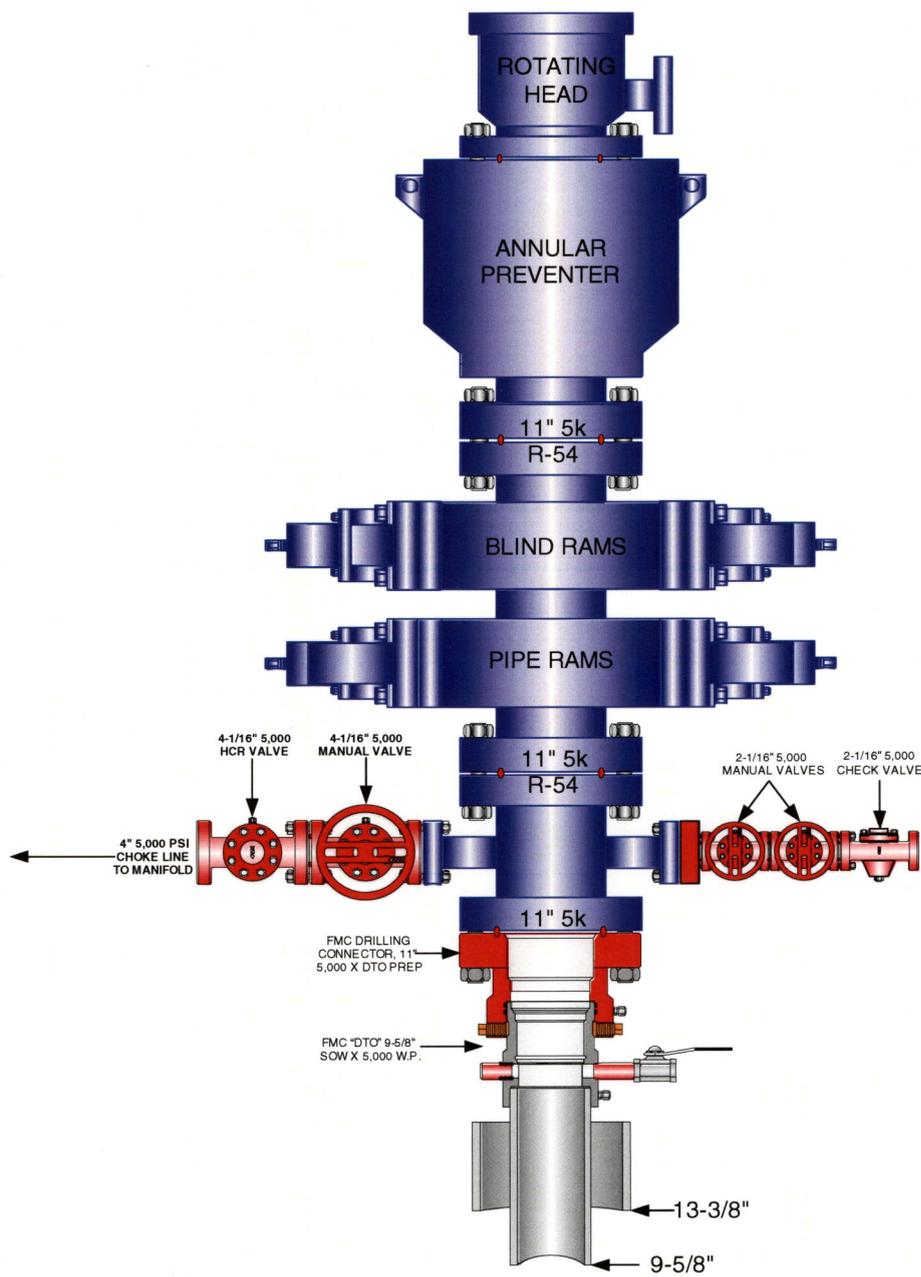
**HOSS 88-33**

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

- Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

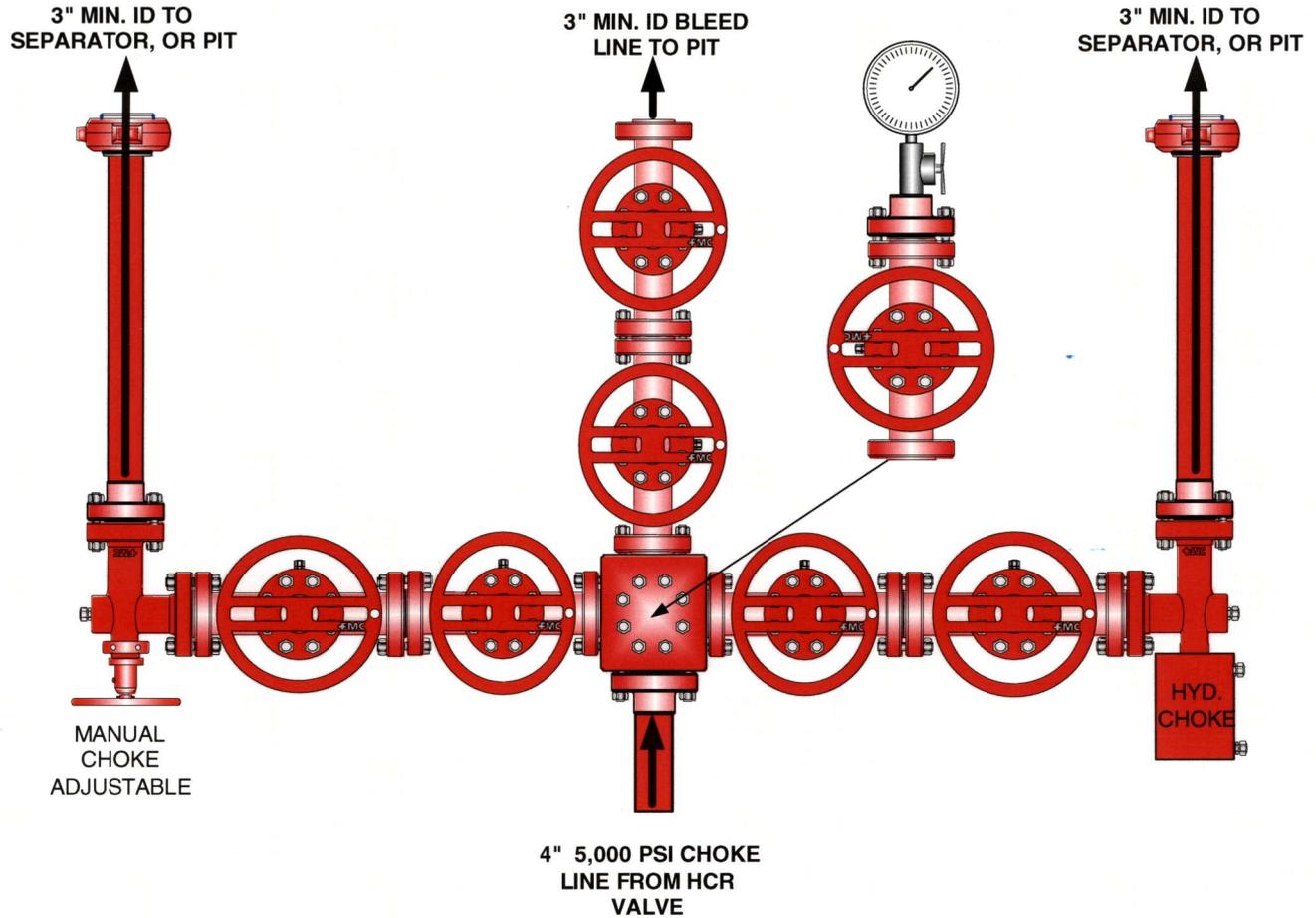
**(Attachment: BOP Schematic Diagram)**

**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 88-33  
SESE, Section 33, T8S, R23E  
Uintah County, Utah***

***SURFACE USE PLAN***

The well pad is approximately 375 feet long with a 246-foot width, containing 2.12 acres more or less. The well access road is approximately 1056 feet long with a 40-foot right-of-way, disturbing approximately 0.97 acres. New surface disturbance associated with the well pad and access road is estimated to be 3.09 acres. The pipeline is approximately 1862 feet long with a 40-foot right-of-way disturbing approximately 1.71 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 35.6 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 1056' in length, with 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 roadbed block the drainages. 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.

**An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease #UTU-64422.**

**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 1862' x 40'. The proposed pipeline leaves the southern edge of the well pad (Lease UTU-64422) proceeding in a northerly, then northwesterly direction for an approximate distance of 1862' tying into a proposed pipeline for the Hoss 90-33 in the NWSE of Section 33, T8S, R23E (Lease UTU-64422). The authorization for the pipeline for the Hoss 90-33 was requested within the APD submitted April 3, 2008. 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. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease #UTU-64422.
7. The proposed pipeline route begins in the SESE of Section 33, Township 8S, Range 23E, proceeding northerly, then northwesterly for an approximate distance of 1862' to the NWSE of Section 33, Township 8S, 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 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, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 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 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. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used 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 southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil south of corner #4. 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 north.

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

**The location will be bermed from the road approach, around corner #8 to corner #2.**

**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. 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.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Fourwing Saltbush	3.0
Shadscale	3.0
Indian Ricegrass	2.0
HyCrest Wheatgrass	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.

**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 or 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 to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

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

**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.

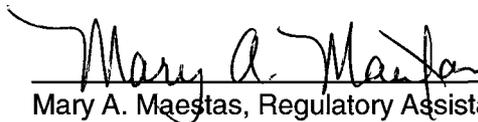
**CERTIFICATION:**

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 88-33 Well, located in the SESE, 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.

April 10, 2008

Date

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

Date of onsite: March 27, 2008

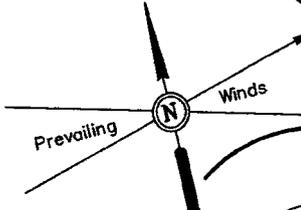
EOG RESOURCES, INC.

FIGURE #1

LOCATION LAYOUT FOR

HOSS #88-33  
SECTION 33, T8S, R23E, S.L.B.&M.

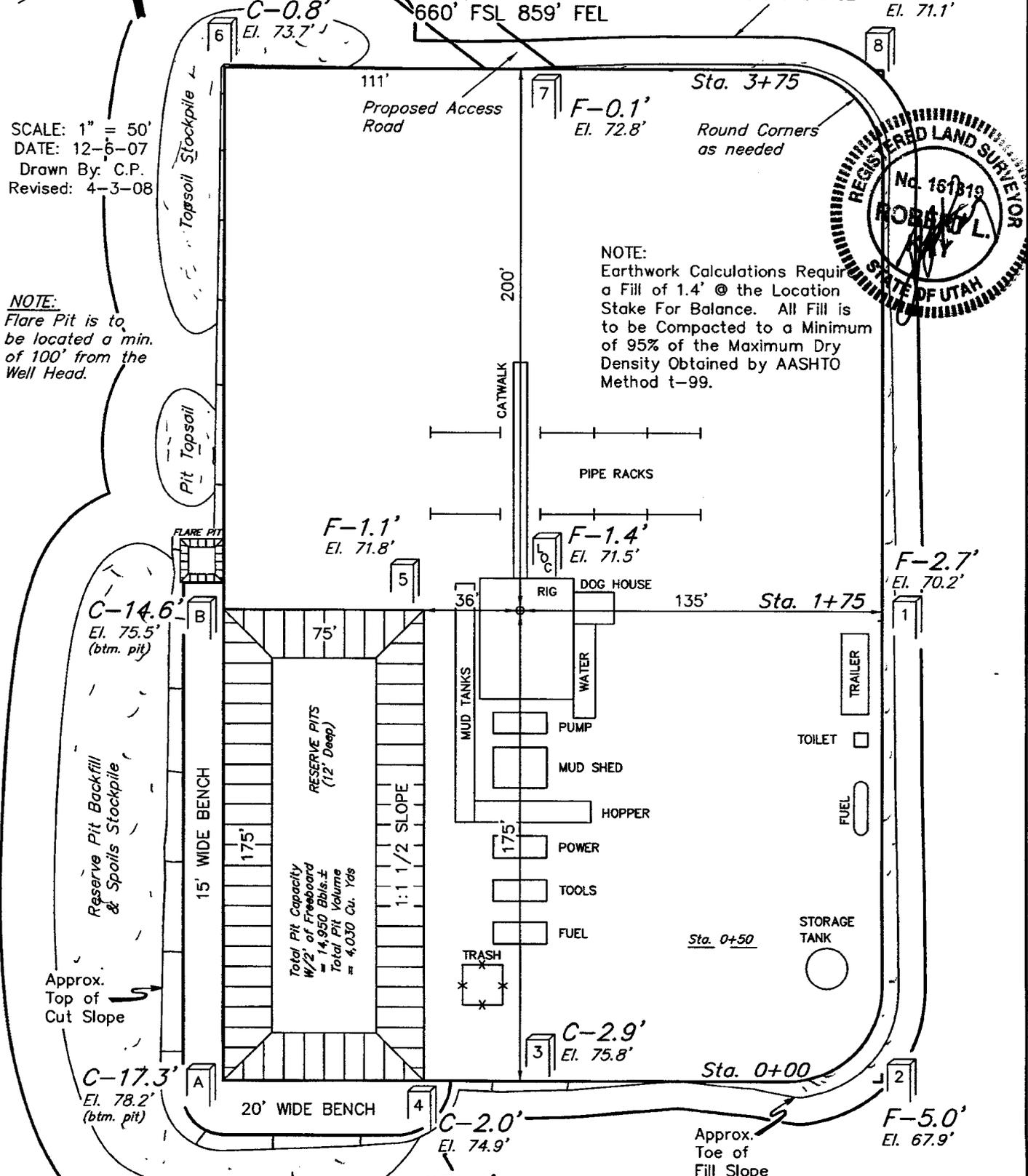
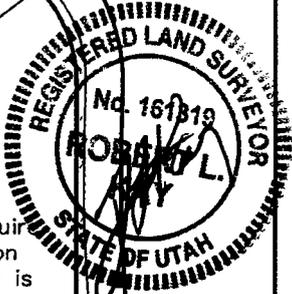
AREA OF  
MAXIMUM  
DISTURBANCE  
F-1.8'  
El. 71.1'



SCALE: 1" = 50'  
DATE: 12-6-07  
Drawn By: C.P.  
Revised: 4-3-08

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

NOTE:  
Earthwork Calculations Require  
a Fill of 1.4' @ the Location  
Stake For Balance. All Fill is  
to be Compacted to a Minimum  
of 95% of the Maximum Dry  
Density Obtained by AASHTO  
Method t-99.



Elev. Ungraded Ground at Location Stake = 4971.4'  
Elev. Graded Ground at Location Stake = 4972.9'

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

**EOG RESOURCES, INC.**

**TYPICAL CROSS SECTIONS FOR**

**HOSS #88-33**  
**SECTION 33, T8S, R23E, S.L.B.&M.**  
**660' FSL 859' FEL**

**FIGURE #2**

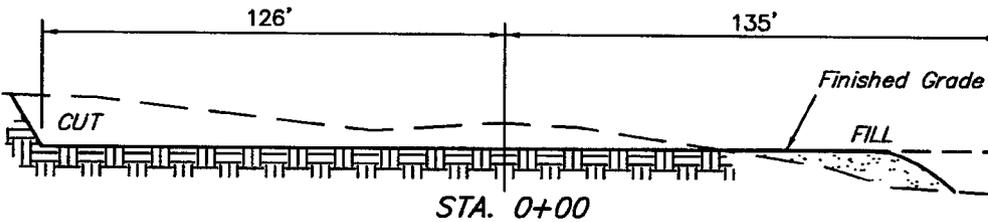
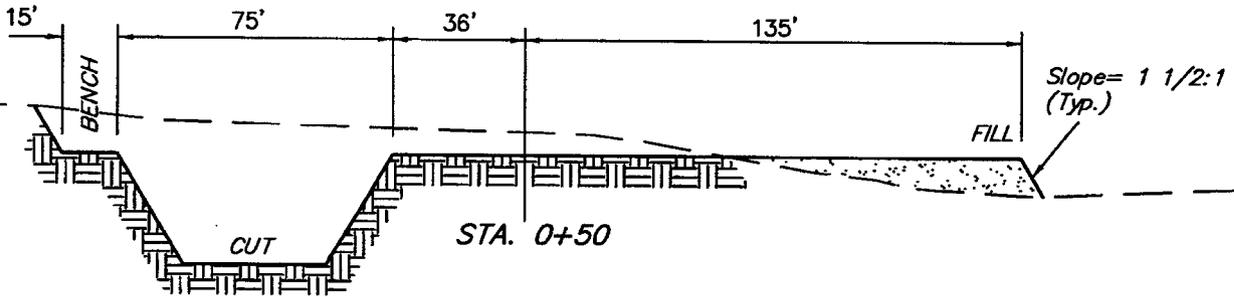
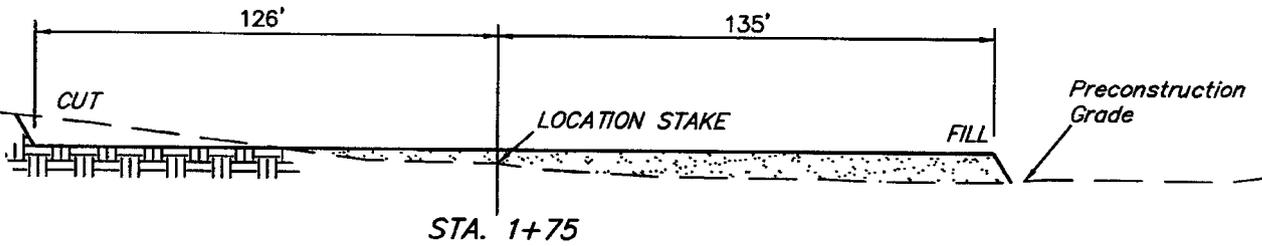
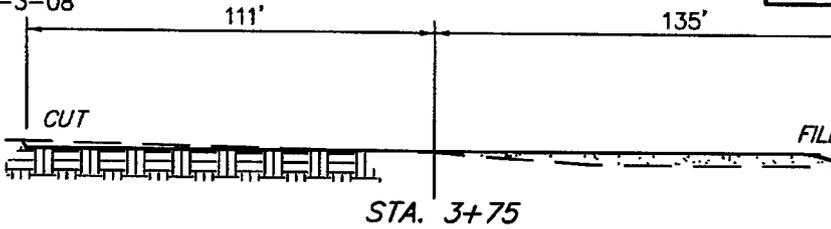
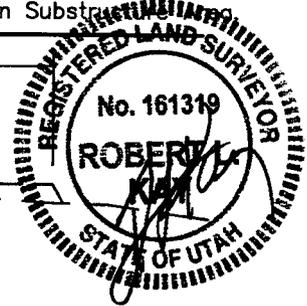
1" = 20'  
 X-Section  
 Scale  
 1" = 50'

DATE: 12-6-07  
 Drawn By: C.P.  
 Revised: 4-3-08

\* NOTE:  
 FILL QUANTITY INCLUDES  
 5% FOR COMPACTION

NOTE:

Topsoil should not be  
 Stripped Below Finished  
 Grade on Substructure



**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE = ± 2.656 ACRES  
 ACCESS ROAD DISTURBANCE = ± 0.729 ACRES  
 PIPELINE DISTURBANCE = ± 1.282 ACRES

**APPROXIMATE YARDAGES**      TOTAL = ± 4.667 ACRES

(6") Topsoil Stripping = 1,920 Cu. Yds.  
 Remaining Location = 6,940 Cu. Yds.  
 TOTAL CUT = 8,860 CU. YDS.  
 FILL = 4,920 CU. YDS.

EXCESS MATERIAL = 3,940 Cu. Yds.  
 Topsoil & Pit Backfill = 3,940 Cu. Yds.  
 (1/2 Pit Vol.)  
 EXCESS UNBALANCE = 0 Cu. Yds.  
 (After Interim Rehabilitation)

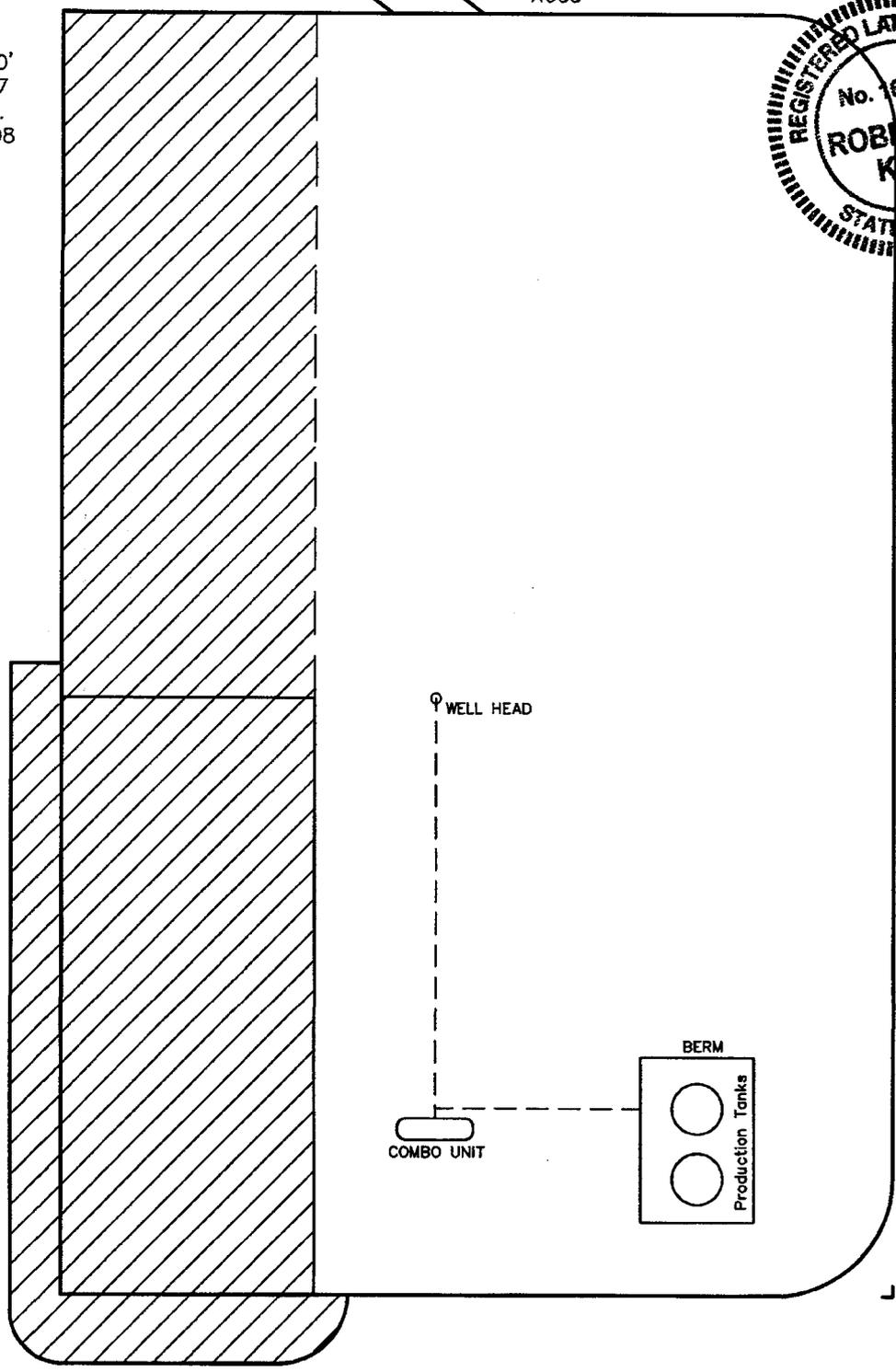
EOG RESOURCES, INC.  
PRODUCTION FACILITY LAYOUT FOR  
HOSS #88-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
660' FSL 859' FEL

FIGURE #3



Existing Access Road

SCALE: 1" = 50'  
DATE: 12-6-07  
Drawn By: C.P.  
Revised: 4-3-08



 RE-HABED AREA

EOG RESOURCES, INC.

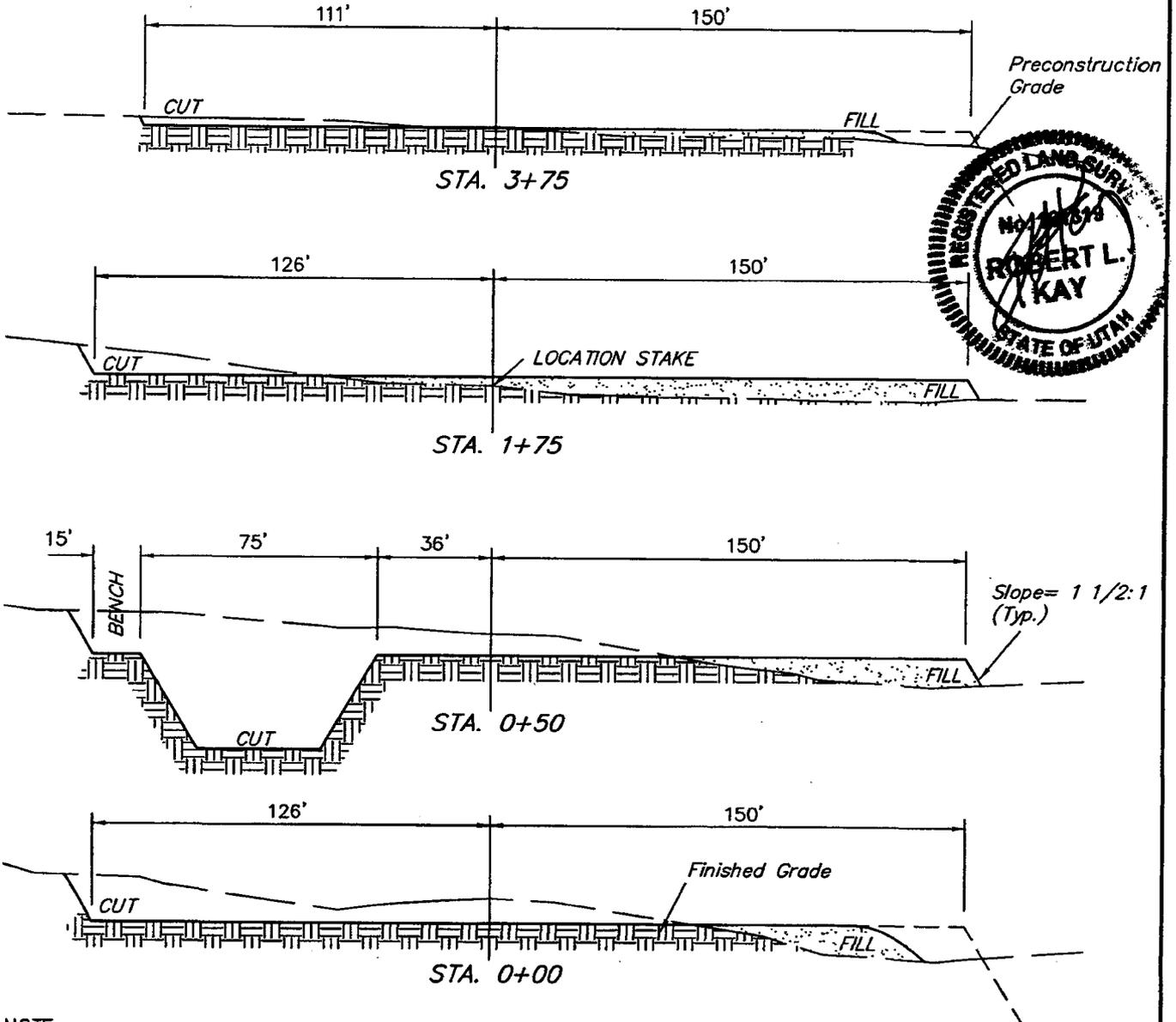
TYPICAL CROSS SECTIONS FOR

HOSS #88-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
600' FSL 859' FEL

FIGURE #2

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

SCALE: 1" = 50'  
DATE: 12-06-07  
Drawn By: C.P.



NOTE:

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

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,020 Cu. Yds.
Remaining Location	=	7,300 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>9,320 CU. YDS.</b>
<b>FILL</b>	<b>=</b>	<b>5,280 CU. YDS.</b>

EXCESS MATERIAL	=	4,040 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,040 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

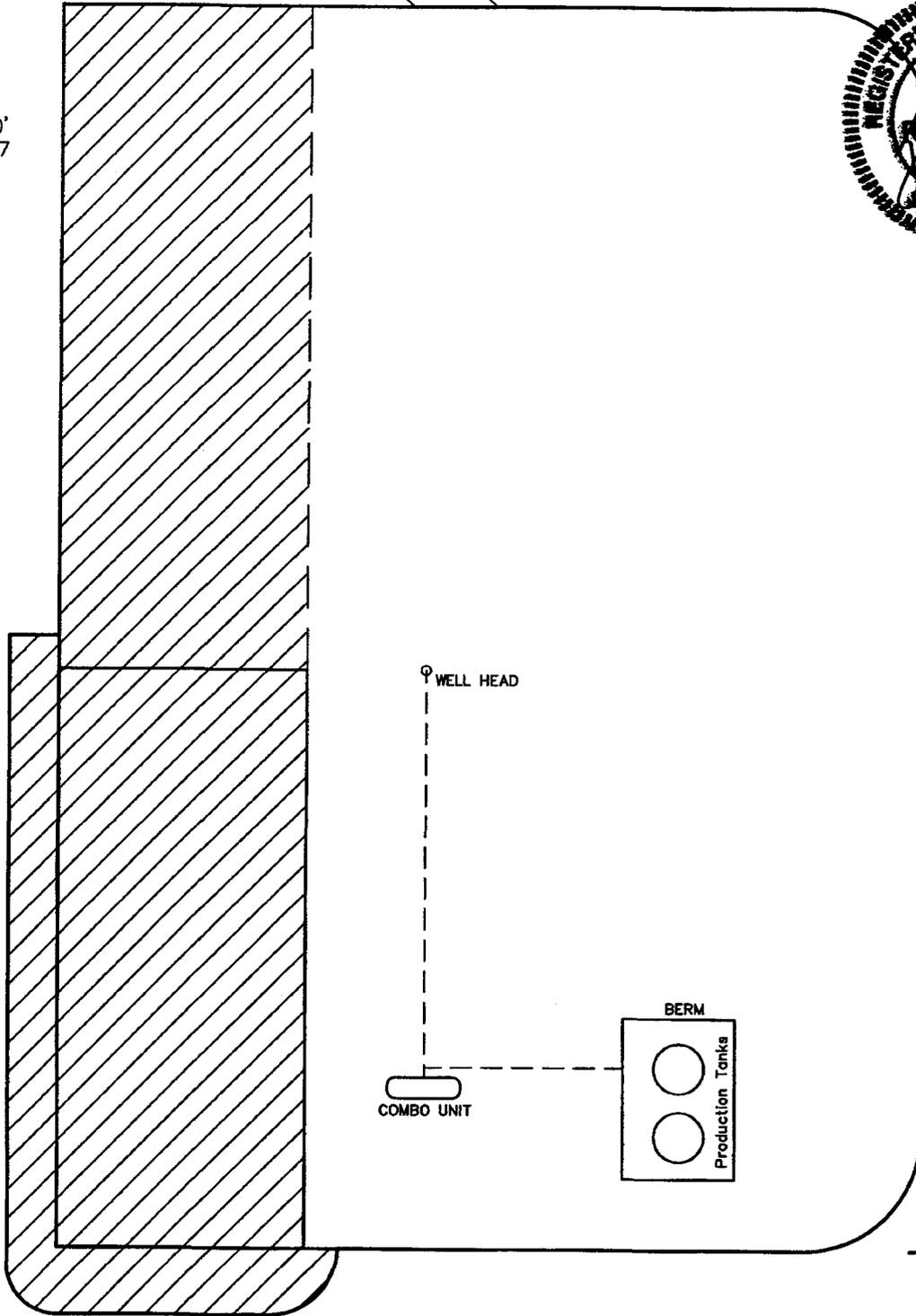
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85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

EOG RESOURCES, INC.  
PRODUCTION FACILITY LAYOUT FOR  
HOSS #88-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
600' FSL 859' FEL

FIGURE #3

Existing Access  
Road

SCALE: 1" = 50'  
DATE: 12-06-07  
Drawn By: C.P.



 RE-HABED AREA

# EOG RESOURCES, INC.

## HOSS #88-33

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

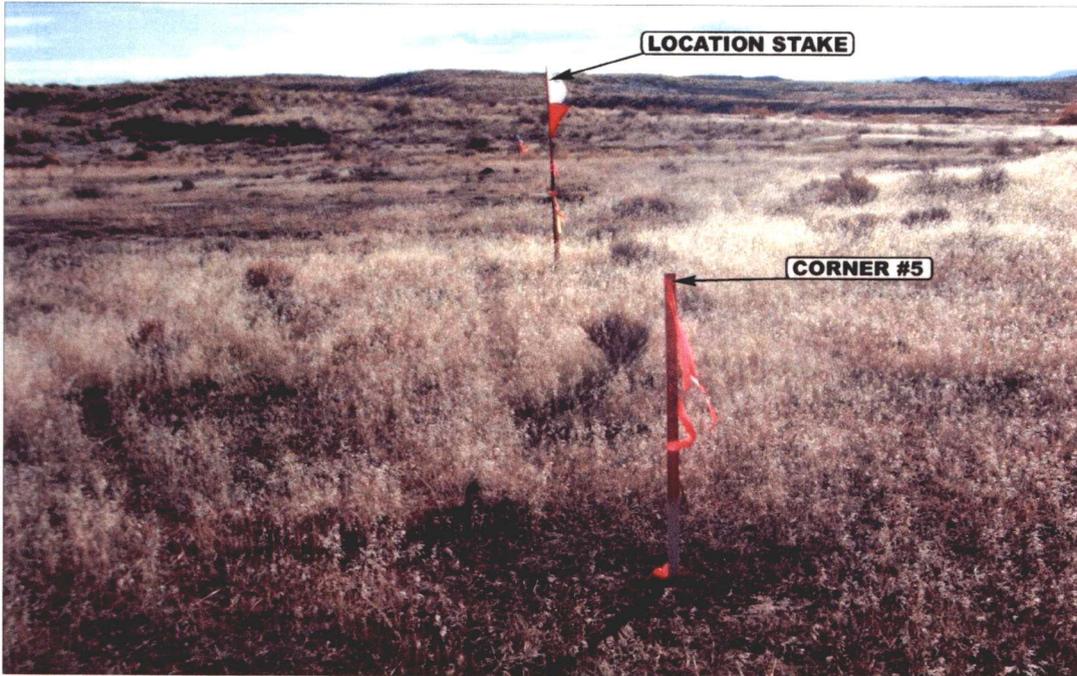


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

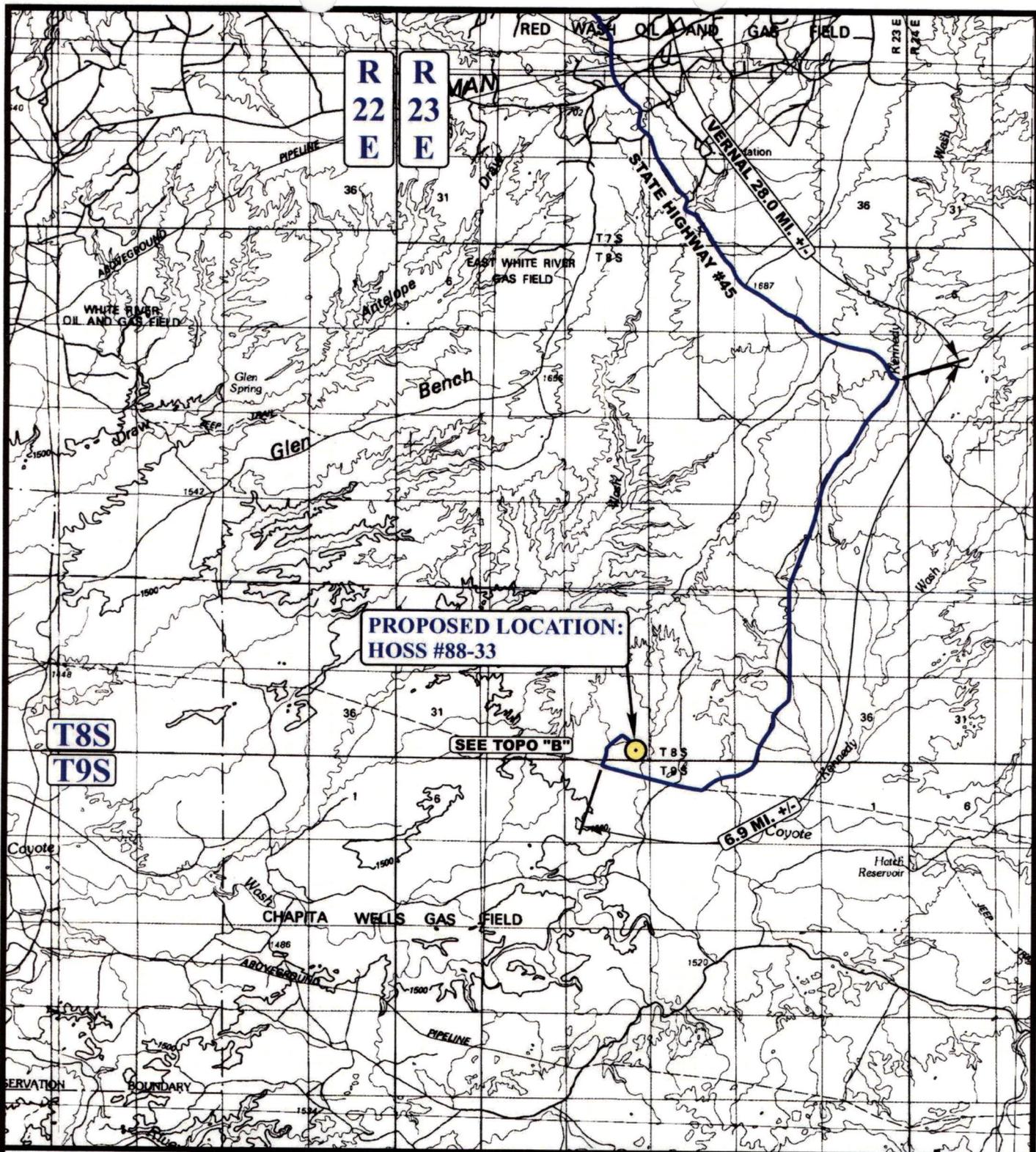
11 06 07  
MONTH DAY YEAR

PHOTO

TAKEN BY: J.M.

DRAWN BY: C.P.

REVISED: 00-00-00



**LEGEND:**

 PROPOSED LOCATION



**EOG RESOURCES, INC.**

HOSS #88-33  
 SECTION 33, T8S, R23E, S.L.B.&M.  
 600' FSL 859' FEL

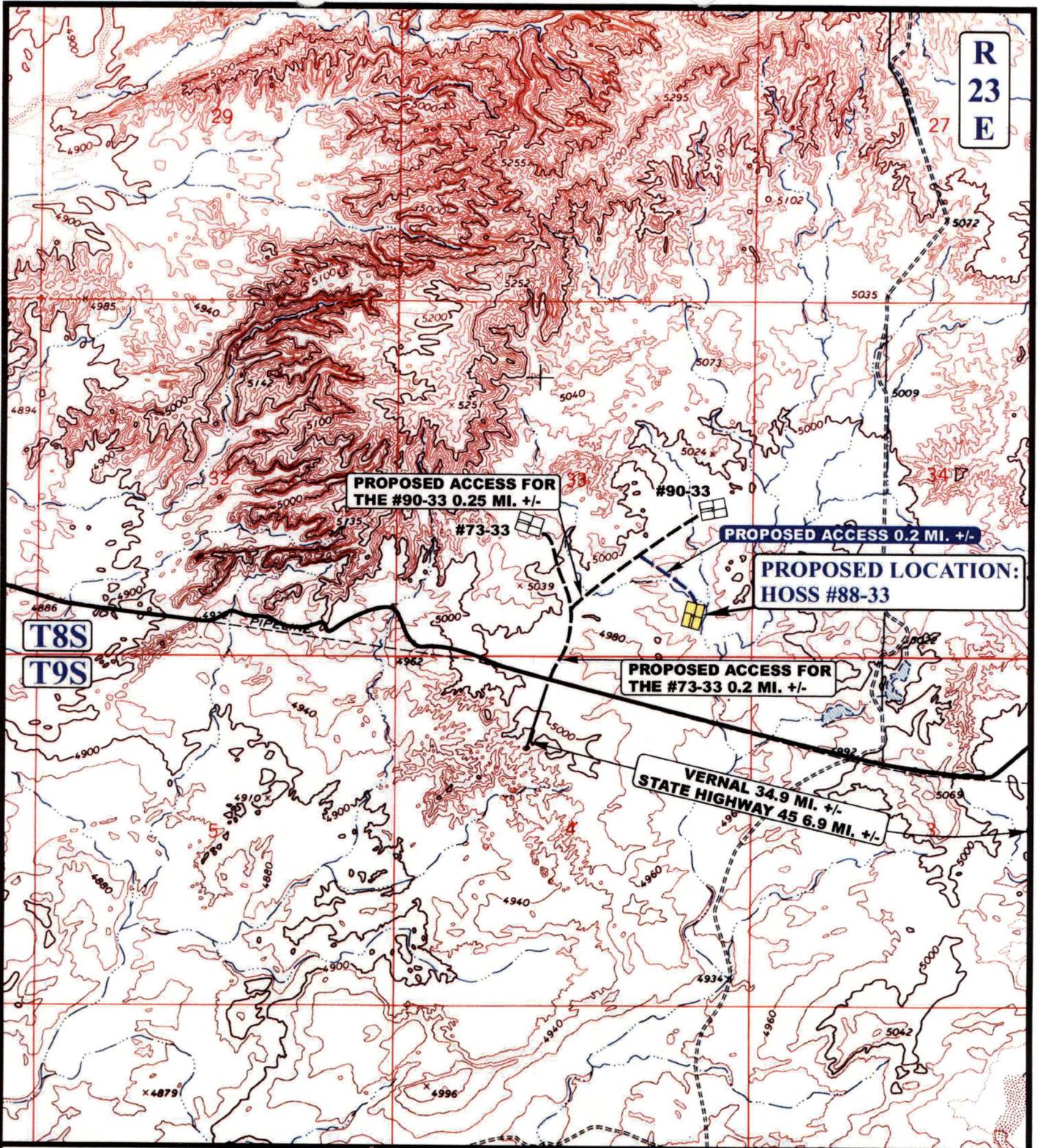


Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 11 06 07  
**MAP** MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

**EOG RESOURCES, INC.**

HOSS #88-33  
 SECTION 33, T8S, R23E, S.L.B.&M.  
 600' FSL 859' FEL

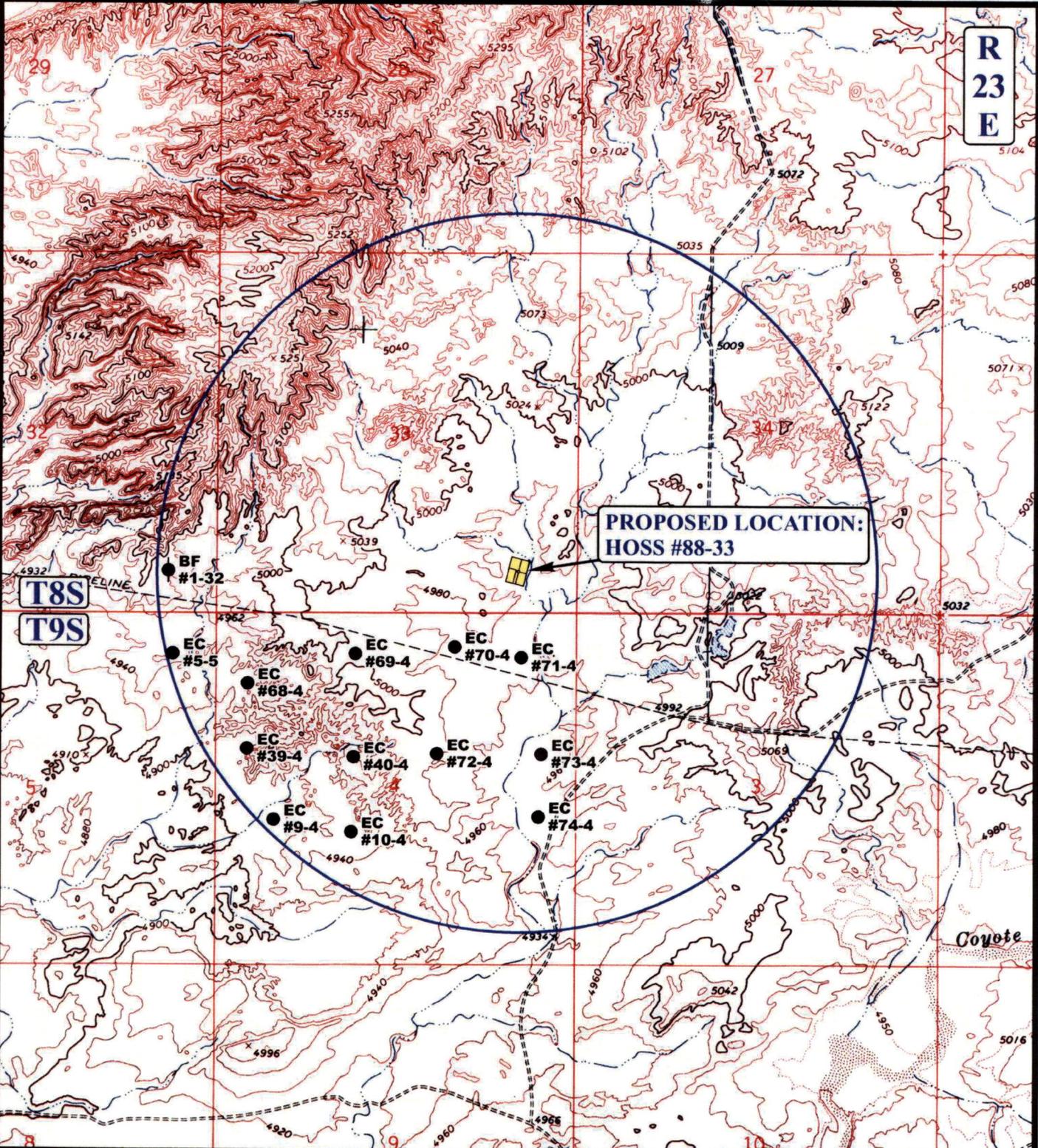


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 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** 11 06 07  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



R  
23  
E



**PROPOSED LOCATION:  
HOSS #88-33**

**LEGEND:**

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

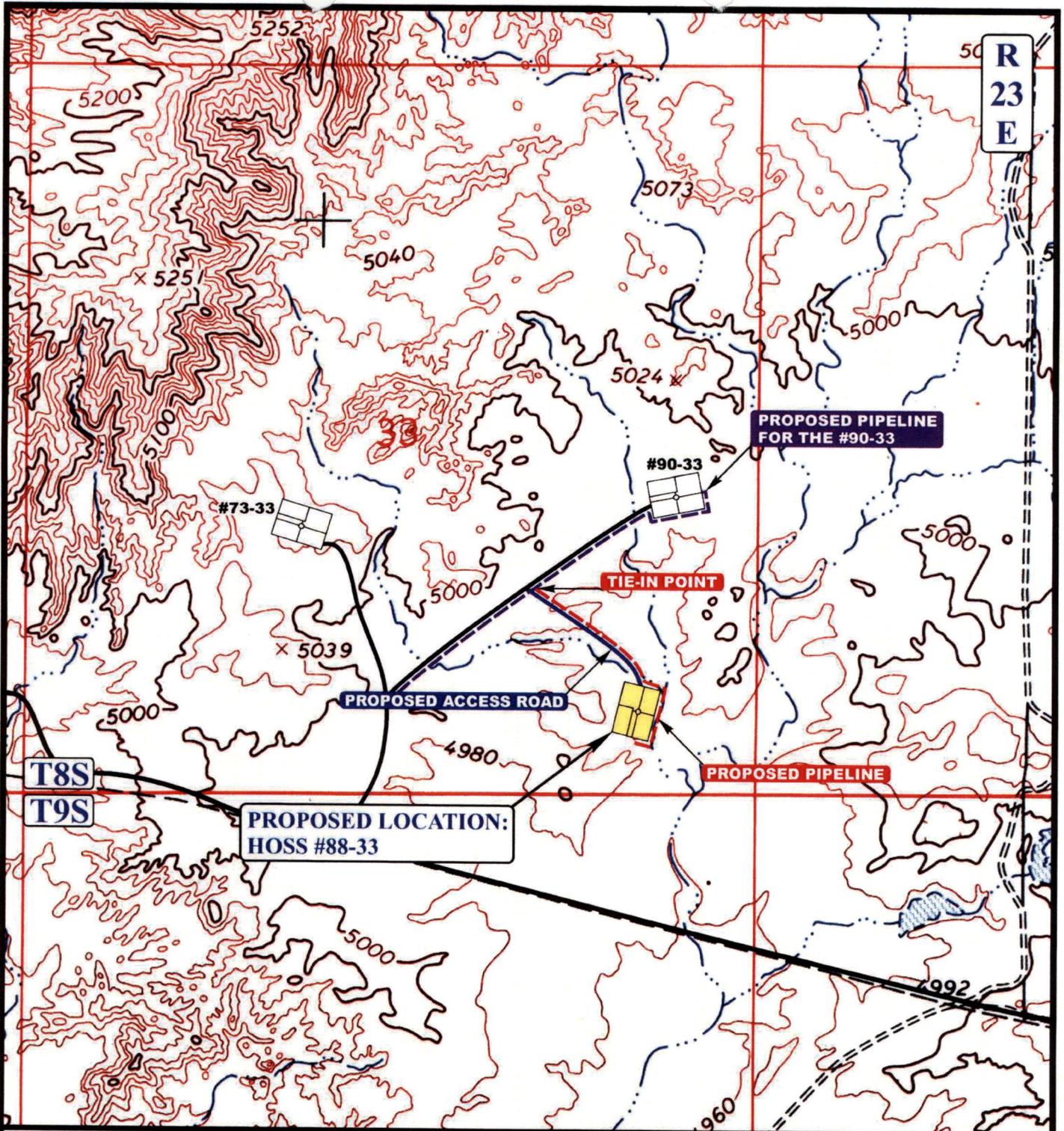
**EOG RESOURCES, INC.**

**HOSS #88-33  
SECTION 33, T8S, R23E, S.L.B.&M.  
600' FSL 859' FEL**

**U&L S** Uintah Engineering & Land Surveying  
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(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 11 06 07  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **C TOPO**



**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,862' +/-**

**LEGEND:**

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

**EOG RESOURCES, INC.**

HOSS #88-33  
 SECTION 33, T8S, R23E, S.L.B.&M.  
 600' FSL 859' FEL



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

**TOPOGRAPHIC MAP** 11 06 07  
 MONTH DAY YEAR

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



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/14/2008

API NO. ASSIGNED: 43-047-40016

WELL NAME: HOSS 88-33

OPERATOR: EOG RESOURCES, INC. ( N9550 )

PHONE NUMBER: 303-824-5526

CONTACT: MARY MAESTAS

PROPOSED LOCATION:

SESE 33 080S 230E  
 SURFACE: 0600 FSL 0859 FEL  
 BOTTOM: 0600 FSL 0859 FEL  
 COUNTY: Uintah  
 LATITUDE: 40.07381 LONGITUDE: -109.3250  
 UTM SURF EASTINGS: 642830 NORTHINGS: 4437084  
 FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	5/5/08
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)  
(watch measure)

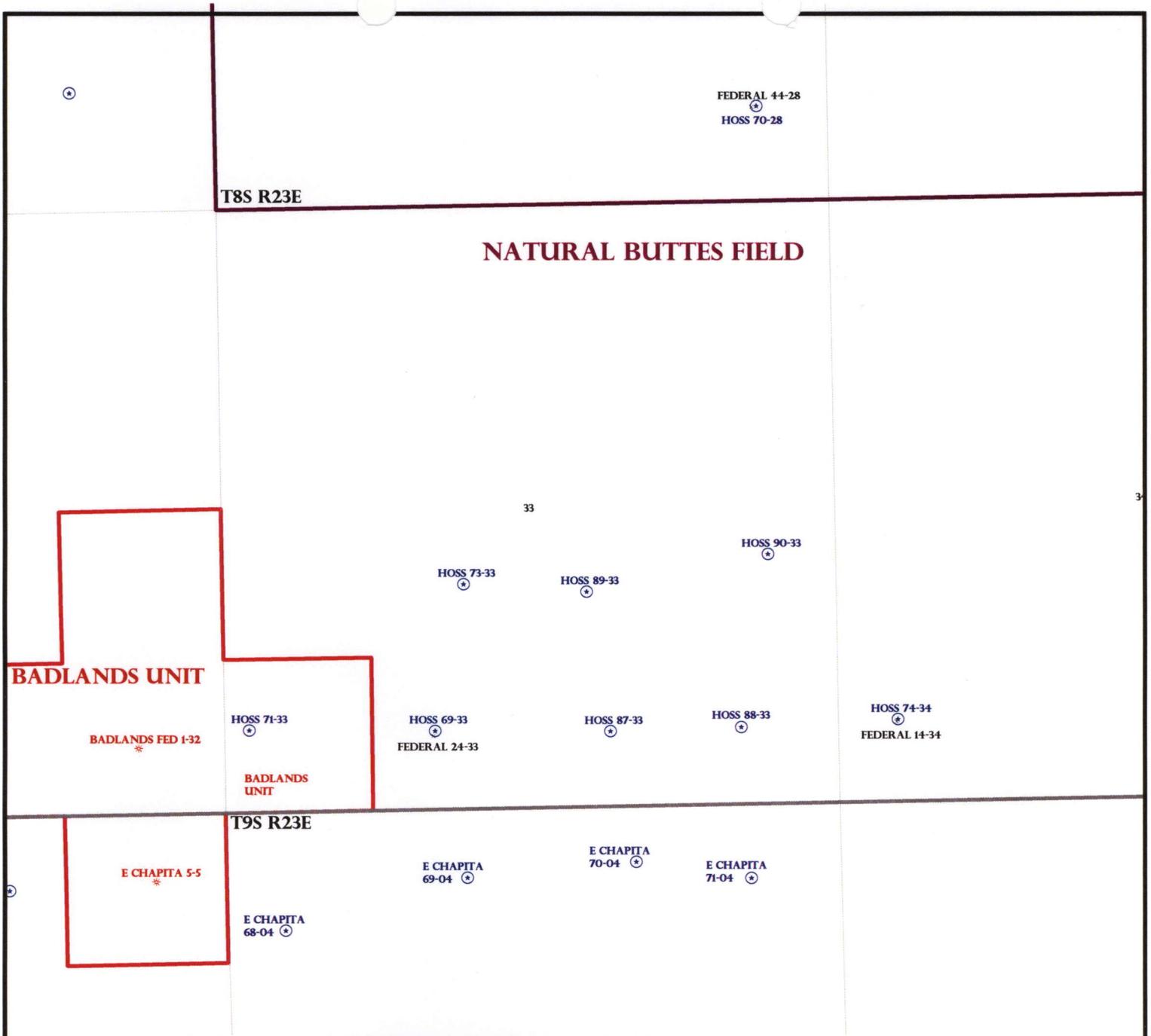
LOCATION AND SITING:

- \_\_\_\_\_ 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- Review Appraiser
- 2- Spacing Strip
- 3- Commingle



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 33 T.8S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



- 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

- 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



PREPARED BY: DIANA MASON  
DATE: 15-APRIL-2008



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

June 5, 2008

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

Re: Hoss 88-33 Well, 600' FSL, 859' FEL, SE SE, 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 43-047-40016.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** EOG Resources, Inc.

**Well Name & Number** Hoss 88-33

**API Number:** 43-047-40016

**Lease:** UTU64422

**Location:** SE SE      **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

RECEIVED

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

APR 10 2008

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 checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC		7. If Unit or CA Agreement, Name and No.
Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		8. Lease Name and Well No. HOSS 88-33
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	9. API Well No. 43-047-40016
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE 600FSL 859FEL 40.07088 N Lat, 109.32142 W Lon At proposed prod. zone SESE 600FSL 859FEL 40.07088 N Lat, 109.32142 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 35.6 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) 660'	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. 4060'	17. Spacing Unit dedicated to this well 40.00	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4971 GL	19. Proposed Depth 9450 MD	20. BLM/BIA Bond No. on file NM2308
	22. Approximate date work will start	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 04/10/2008
Title REGULATORY ASSISTANT		
Approved by (Signature) 	Name (Printed/Typed) Terry Kuzelski	Date NOV 06 2008
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.

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 #59576 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal  
Committed to AFMSS for processing by GAIL JENKINS on 04/10/2008 (08GXJ3216AE) DIV. OF OIL, GAS & MINING

RECEIVED

DEC 30 2008

CONDITIONS OF APPROVAL ATTACHED

\*\* BLM REVISED \*\*

08GXJ1325AE

NOS: 01-02-2008

NOTICE OF APPROVAL



**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 88-33  
**API No:** 43-047-40016

**Location:** SESE, 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:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
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 CONDITIONS OF APPROVAL**

- 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. The monitor will continue to make periodic spot checks throughout the construction process.
- Permission to clear all wildlife stipulations would only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.
- No construction, drilling or fracing operations will occur within crucial year long pronghorn habitat May 15- June 20.
- No construction, drilling or fracing operations occur from March 1 through August 15 to protect the burrowing owl nesting season.

**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. 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.

Onshore Order no. #2 Drilling Operations III. E. 1.

- 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.
- variance(s) to Onshore Order #2 Drilling Operations III. E.
  - requirement for deduster equipment
  - requirement waived for deduster equipment
  - Deduster equipment capabilities described by operator as function performed by continuous sprayer water mist
  - automatic igniter or continuous pilot light on the blooie line
  - requirement waived for ignitor and pilot light
  - operators blooie line output fluid stream is an incombustible aerated water system
  - blooie line fire prevention and suppression function operation achieved thru continuous aerated water fluid stream flow
  - compressors located in opposite direction from the blooie line a minimum of 100 feet
  - Compressors are truck mounted. Operators standard practice is to rig up with truck mounted compressors oriented ninety degrees to blooie line. Compressors are truck mounted with spark arresters.
- Conductor casing shall be set into competent formation at a depth of 60 ft, plus or minus 10 ft.
- COA specification is consistent with operators performance standard (operators shallow surface operations covered in part 13 Air Drilling Operations) stated in APD.

**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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- 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](mailto: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 88-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
<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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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: 6/4/2009	<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: June 08, 2009

By: 

<b>NAME (PLEASE PRINT)</b> Kaylene Gardner	<b>PHONE NUMBER</b> 435 781-9111	<b>TITLE</b> Regulatory Administrator
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/4/2009	



**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 43047400160000**

**API:** 43047400160000

**Well Name:** HOSS 88-33

**Location:** 0600 FSL 0859 FEL QTR SESE SEC 33 TWP 080S RNG 230E MER S

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

**Date Original Permit Issued:** 6/5/2008

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:** Kaylene Gardner

**Date:** 6/4/2009

**Title:** Regulatory Administrator **Representing:** EOG RESOURCES, INC.

**Date:** June 08, 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 88-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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 FOOTAGES AT SURFACE:</b> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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: 5/26/2010  <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 type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION 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: June 01, 2010  
 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> 5/26/2010	



**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 43047400160000**

**API:** 43047400160000

**Well Name:** HOSS 88-33

**Location:** 0600 FSL 0859 FEL QTR SESE SEC 33 TWP 080S RNG 230E MER S

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

**Date Original Permit Issued:** 6/5/2008

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:** 5/26/2010

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

**Date:** June 01, 2010

**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>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 88-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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: 8/20/2010  <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"/> <b>CHANGE TO PREVIOUS PLANS</b> <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> 8/20/2010	

**EIGHT POINT PLAN**

**HOSS 88-33**

**SE/SE, 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	2,048		Shale	
Mahogany Oil Shale Bed	2,687			
Wasatch	4,952	Primary	Sandstone	Gas
Chapita Wells	5,539	Primary	Sandstone	Gas
Buck Canyon	6,167	Primary	Sandstone	Gas
North Horn	6,775	Primary	Sandstone	Gas
KMV Price River	7,232	Primary	Sandstone	Gas
KMV Price River Middle	7,995	Primary	Sandstone	Gas
KMV Price River Lower	8,760	Primary	Sandstone	Gas
Sego	9,257		Sandstone	
<b>TD</b>	<b>9,450</b>			

**Estimated TD: 9,450' or 200'± below TD**

**Anticipated BHP: 5,160 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:**

<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"	40 - 60'	14"	32.5#	A252	STC		1880 PSI	10,000#
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#

## EIGHT POINT PLAN

### HOSS 88-33

#### SE/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

**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 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.

**EIGHT POINT PLAN**

**HOSS 88-33**

**SE/SE, 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:** 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.

**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.

**EIGHT POINT PLAN**

**HOSS 88-33**

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

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

**Lead:**           **147 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:**           **879 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.

**EIGHT POINT PLAN**

**HOSS 88-33**

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

**13. AIR DRILLING OPERATIONS:**

- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 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.
- 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.
- Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 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>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 88-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 33 Township: 08.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/12/2010  <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: 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 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**  
 October 13, 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> 10/13/2010

<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 88-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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 checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 10/12/2010	<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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The referenced well was spud on October 12, 2010.

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

**FOR RECORD ONLY**  
October 14, 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> 10/13/2010	

<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>
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 88-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
--	---

<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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input 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="Drilling Operations"/>

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

No activity has occurred since spud on October 12, 2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 14, 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> 10/13/2010	

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: HOSS 88-33

Api No: 43-047-40016 Lease Type FEDERAL

Section 33 Township 08S Range 23E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

**SPUDDED:**

Date 10/12/2010

Time 1:00 PM

How DRY

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

Reported by KENT DAVENPORT

Telephone # (435) 828-8200

Date 10/13/2010 Signed CHD

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

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
 Address: 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
43-047-40016	HOSS 88-33		SESE	33	8S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17815	10/12/2010		10/19/10		
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)

Michelle Robles

Name (Please Print)

Michelle Robles

Signature

Regulatory Assistant

10/13/2010

Title

Date

**RECEIVED**

OCT 13 2010

DIV. OF OIL, GAS & MINING

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

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 88-33
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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"/> <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 to change the TD for the referenced well from 9450' to 9550'. Please see attached revised drilling plan.

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: October 19, 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> 10/19/2010

**DRILLING PLAN**

**HOSS 88-33**

**SE/SE, 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	1,783		Shale	
Birdsnest	2,037		Dolomite	
Mahogany Oil Shale Bed	2,691		Shale	
Wasatch	4,943	Primary	Sandstone	Gas
Chapita Wells	5,545	Primary	Sandstone	Gas
Buck Canyon	6,234	Primary	Sandstone	Gas
North Horn	6,874	Primary	Sandstone	Gas
KMV Price River	7,247	Primary	Sandstone	Gas
KMV Price River Middle	7,999	Primary	Sandstone	Gas
KMV Price River Lower	8,782	Primary	Sandstone	Gas
Sego	9,348		Sandstone	
<b>TD</b>	<b>9,550</b>			

**Estimated TD: 9,550' or 200'± below TD**

**Anticipated BHP: 5,210 psi**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,800 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 88-33

#### SE/SE, 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 88-33**

**SE/SE, 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 88-33**

**SE/SE, 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: 135 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: 895 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 88-33**

**SE/SE, 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>
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 88-33
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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: 10/28/2010  <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: 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. 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: *Dan K. [Signature]*

<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 88-33**

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

**REVISED 10-27-2010**

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,783		Shale	
Birdsnest	2,037		Dolomite	
Mahogany Oil Shale Bed	2,691		Shale	
Wasatch	4,943	Primary	Sandstone	Gas
Chapita Wells	5,545	Primary	Sandstone	Gas
Buck Canyon	6,234	Primary	Sandstone	Gas
North Horn	6,874	Primary	Sandstone	Gas
KMV Price River	7,247	Primary	Sandstone	Gas
KMV Price River Middle	7,999	Primary	Sandstone	Gas
KMV Price River Lower	8,782	Primary	Sandstone	Gas
Sego	9,348		Sandstone	
<b>TD</b>	<b>9,550</b>			

**Estimated TD: 9,550' or 200'± below TD**

**Anticipated BHP: 5,210 psi**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,800 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	4-½"	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 88-33

#### SE/SE, 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 of 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. 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 88-33**

#### **SE/SE, 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:** 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**

# DRILLING PLAN

## HOSS 88-33

### SE/SE, 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:** 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:

- 205 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 245 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 280 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 320 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:

**315 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:

**780 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 88-33**

**SE/SE, 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>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 88-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
<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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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 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: 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.

Please see the attached well chronology report for the referenced well showing all activity up to 11/2/10.

**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	

# WELL CHRONOLOGY REPORT

Report Generated On: 11-02-2010

<b>Well Name</b>	HOSS 088-33	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	PONDEROSA	<b>API #</b>	43-047-40016	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	10-30-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,550/ 9,550	<b>Property #</b>	062515
<b>Water Depth</b>	0	<b>Last CSG</b>	4.5	<b>Shoe TVD / MD</b>	9,550/ 9,550
<b>KB / GL Elev</b>	4,986/ 4,973				
<b>Location</b>	Section 33, T8S, R23E, SESE, 600 FSL & 859 FEL				

<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>	306090	<b>AFE Total</b>	1,640,500	<b>DHC / CWC</b>	660,500/ 980,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	05-05-2008
<b>05-05-2008</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)
			600' FSL & 859' FEL (SE/SE)
			SECTION 33, T8S, R23E
			UINTAH COUNTY, UTAH
			LAT 40.070878, LONG 109.321421 (NAD 27)
			LAT 40.070844, LONG 109.322100 (NAD 83)
			TRUE #34
			OBJECTIVE: 9550' TD, MESAVERDE
			DW/GAS
			PONDEROSA PROSPECT
			DD&A: CHAPITA DEEP
			NATURAL BUTTES FIELD
			LEASE: UTU-64422
			ELEVATION: 4971.4' NAT GL, 4972.9' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4973'), 4992' KB (19')
			EOG WI 100%, NRI 77%

10-06-2010      **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 STARTED TODAY.

**10-07-2010** **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.

**10-08-2010** **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 20% COMPLETE.

**10-11-2010** **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 30% COMPLETE.

**10-12-2010** **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 40% COMPLETE.

**10-13-2010** **Reported By** TERRY CSERE/KENT DEVENPORT



Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 10/17/2010. DRILLED 12-1/4" HOLE TO 2655' GL (2674' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 1920'. DRILLED WITH FLUID TO TD. RAN 61 JTS (2645.28') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2664.28' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2500 PSIG. PUMPED 190 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLs) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLs) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/180.4 BBLs FRESH WATER. BUMPED PLUG W/1550# @ 21:11 HOURS ON 10/23/2010 FLOATS HELD. NO RETURNS OF CEMENT TO SURFACE. LOST RETURNS 45 BBLs INTO FRESH WATER FLUSH. WOC 1 HOUR.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: 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 CEMENT TO SURFACE. WOC 2.25 HOURS.

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.

TOP JOB # 4: MIXED & PUMPED 75 SX (15.3 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. RELEASE HALLIBURTON.

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

CRAIGS RIG 2 TOOK 5 SURVEYS WHILE DRILLING HOLE @ 1560' = 2 DEGREES, 1920' = 3 DEGREES, 2100' = 3 DEGREES, 2280' = 1 DEGREE AND 2655' = .5 DEGREE.

KERRY SALES NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 10/21/2010 @ 04:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 10/21/2010 AT 04:00 PM. NOTIFIED ON 10/20/2010.

06:00

<b>10-30-2010</b>		<b>Reported By</b>	GLEN PRUET								
<b>Daily Costs: Drilling</b>		\$127,335	<b>Completion</b>		\$0	<b>Daily Total</b>		\$127,335			
<b>Cum Costs: Drilling</b>		\$311,886	<b>Completion</b>		\$0	<b>Well Total</b>		\$311,886			
<b>MD</b>	2,674	<b>TVD</b>	2,674	<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:** DRILLING SHOE TRACK

Start	End	Hrs	Activity Description
06:00	12:00	6.0	SAFETY MEETING WITH JONES TRUCKING CREW & RIG CREWS, RW JONES MOVED RIG 3.2 MI. FROM HOSS 86-31 TO HOSS 88 -33. RIG ON LOCATION @ 12:00 HRS.,
12:00	20:30	8.5	RU/RT. RAISE DERRICK @ 15:30 HRS. TRUCKS RELEASED @ 16:00 HRS. FMC SERVICEMAN LOCKED DTO DRLG CONNECTOR AND TEST TO 5000 PSI. OK. PRE SPUD RIG INSPECTION COMPLETE. RIG ACCEPTED ON DAYWORK @ 20:30 HRS. 10/29/2010.

20:30 00:00 3.5 HELD 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 250 LOW/5000 PSI HI, 10 MINUTES. TEST ANNULAR PREVENTER 250/2500 PSI FOR 10 MINUTES. ALL TEST GOOD.

00:00 00:30 0.5 TEST 9 5/8" CASING 1500 PSI FOR 30 MINUTES. ALL TEST GOOD. BLM & UDOGM DID NOT WITNESS TEST.

00:30 01:00 0.5 INSTALL WEAR BUSHING.

01:00 04:00 3.0 PJSM FRANKS LD MACHINE CREW. RU EQUIPMENT. PICK UP 7 7/8" SMITH PDC BIT, BHA & DP ON TRIP IN HOLE. TAG CMT. @ 2580'. R/D FRANKS P/U MACHINE.

04:00 04:30 0.5 INSTALL ROT. HEAD RUBBER, DRIVE BUSHING. TORQUE KELLY.

04:30 06:00 1.5 DRILL CEMENT AND FLTS F/2580' TO 2622'. (FUNC COM F/DRILLING). PUMP 433 GPM @ 114 SPM, 1550 PSI. DIFF 120, ROT 48, MOTOR RPM 69. MUD WEIGHT 9.6 PPG, VISCOSITY 34 SEC./QT. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS; PRESSURE TEST. PU BHA.

FUEL ON HAND 9804 GAL. USED 362 GAL.

BOILER TOTAL HRS. USED THIS WELL 8 HRS.

TRANSFER 6 JTS (241.26') 4.5" 11.6#, N-80 LTC CSG., 2 JTS. 4.5" 11.6#, P-110 MARKER JTS. (30.88') AND 2166 GALLONS FUEL TO THE FROM HOSS 86-31

WEATHER; FAIR TEMP 36 DEG. HUMIDITY 73 %, DEW PT 28 DEG. WIND W @ 6, VIS 10 MI.

BLM (E-MAIL) & UDOGM (TELEPHONE) NOTIFIED OF BOP TEST 10/29/10.

<b>10-31-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$51,637	<b>Completion</b>	\$0	<b>Daily Total</b>	\$51,637						
<b>Cum Costs: Drilling</b>	\$363,523	<b>Completion</b>	\$0	<b>Well Total</b>	\$363,523						
<b>MD</b>	5,450	<b>TVD</b>	5,450	<b>Progress</b>	2,776	<b>Days</b>	1	<b>MW</b>	9.4	<b>Visc</b>	36.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 5450'											

Start	End	Hrs	Activity Description
06:00	06:30	0.5	CONTINUE DRILL CEMENT AND FLTS F/2622' TO 2674' AND 10' OF NEW HOLE TO 2684'. CBU FOR FIT. (FUNC COM F/DRILLING). PUMP 433 GPM @ 114 SPM, 1550 PSI. DIFF 120, ROT 48, MOTOR RPM 69. MUD WEIGHT 9.6 PPG, VISCOSITY 34 SEC./QT. FIT @ 2684' + 356 PSI = 12.0 PPG EMW.
06:30	08:30	2.0	DRILL 2684' TO 2976' (292') 146 FPH. 45/55 RPM + 72 RPM ON MOTOR. WOB 12-18. PUMP 456 GPM @ 120 SPM. SPP 1850 PSI, DIFF 240. DRILLING MAHOGANY OIL SHALE BED F/2691'. FUNC COM F/DRILLING. BOP DRILL.
08:30	09:00	0.5	SURVEY @ 2900', 1.23 DEG.
09:00	10:30	1.5	DRILL 2976' TO 3132, (156') 104 FPH. 45/55 RPM + 72 RPM ON MOTOR. WOB 12-18. PUMP 456 GPM @ 120 SPM. SPP 1850 PSI, DIFF 340. DRILLING MAHOGANY OIL SHALE BED F/2691'.
10:30	11:00	0.5	SERVICE RIG
11:00	16:30	5.5	DRILLING F/3132' TO 4115' (983') 178.7'/HR. 55 RPM + 73 RPM ON MOTOR. WOB 16-20K. PUMP 456 GPM @ 120 SPM #2 PUMP, SPP 2050 PSI, DIFF 250. DRLG.: MAHOGANY SHALE BED F/2691'. MUD WT. 9.4 VIS 34.
16:30	17:00	0.5	SURVEY @ 3860', 1.34 DEG.
17:00	00:00	7.0	DRLG. F/4115' TO 4920' (804') 115 FPH. 60 RPM + 73 RPM ON MOTOR. WOB 18/20K. PUMP 456 GPM @ 120 SPM #2 PUMP, SPP 2350 PSI, DIFF 220/360 DRLG.: MAHOGANY F/2691'. BOP DRILL.
00:00	00:30	0.5	SURVEY @ 4839', 1.51 DEG.
00:30	06:00	5.5	DRLG. F/4920' TO 5450' (530') 96.3 FPH. 55 RPM + 72 RPM ON MOTOR. WOB 18/20K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2120/2445 PSI, DIFF 265/425 DRLG.: WASATCH F/4943'. BOP DRILL 82 SEC. @ 5386'. MUD VIS 33, WT 9.6 PPG.

ONE SHORT DAYS. (CLINT TOONE WALKED OFF @ 07:00 HRS) NO ACCIDENTS OR INCIDENTS.

SAFETY MEETINGS TOPICS; FIT, BOP DRILLS.  
 FUEL ON HAND 8322 GAL. USED 1481 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 22 HRS.  
 WEATHER; FAIR TEMP 37 DEG. HUMIDITY 96 %, DEW PT 36 DEG. WIND W CALM VIS 10 MI.

06:00 SPUD 7 7/8" HOLE @ 06:30 HRS, 10/30/2010.

<b>11-01-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$37,300	<b>Completion</b>	\$0	<b>Daily Total</b>	\$37,300						
<b>Cum Costs: Drilling</b>	\$400,824	<b>Completion</b>	\$0	<b>Well Total</b>	\$400,824						
<b>MD</b>	6,857	<b>TVD</b>	6,857	<b>Progress</b>	1,407	<b>Days</b>	2	<b>MW</b>	9.7	<b>Visc</b>	35.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 6857'											

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRLG. F/5450' TO 5762' (312') 89.1 FPH. 50 RPM + 72 RPM ON MOTOR. WOB 18/20K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2350 PSI, DIFF 380 DRLG.:CHAPITA WELLS F/5545'. FUNC COM/DRLG. @ 5762'. BOP DRILL @ 5512', 90 SEC. TO SECURE WELL.
09:30	10:00	0.5	SERVICE RIG.
10:00	06:00	20.0	DRLG. F/5762' TO 6857' (1095') 54.75 FPH. 50/55 RPM + 68/72 RPM ON MOTOR. WOB 16/22K. PUMP 448/454 GPM @ 125 SPM #1/#2 PUMP, SPP 2325/2460 PSI, DIFF 225/325 DRLG. CHAPITA WELLS F/5545'. BUCK CANYON F/6234'. FUNC COM/DRLG.@ 6293'. MUD VIS 37, WT 10.0 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; WORKING IN WET ENVIRONMENT. FIRST DAY BACK AT WORK.  
 FUEL ON HAND 6612 GAL. USED 1710 GAL.  
 BOILER HRS USED 16, TOTAL HRS. THIS WELL 38 HRS.  
 WEATHER; PARTLY CLOUDY TEMP 41 DEG. HUMIDITY 70 %, DEW PT 31 DEG. WIND WSW @6, VIS 10 MI.

<b>11-02-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$31,015	<b>Completion</b>	\$6,329	<b>Daily Total</b>	\$37,344						
<b>Cum Costs: Drilling</b>	\$431,839	<b>Completion</b>	\$6,329	<b>Well Total</b>	\$438,168						
<b>MD</b>	8,050	<b>TVD</b>	8,050	<b>Progress</b>	1,193	<b>Days</b>	3	<b>MW</b>	10.0	<b>Visc</b>	34.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 8050'											

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRLG. F/6857' TO 7137' (280') 50.9 FPH. 50 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2350/2550 PSI, DIFF 225/360 DRLG.: NORTH HORN F/6874'. FUNC. COM DRILLING @ 7136'.
11:30	12:00	0.5	SERVICE RIG.
12:00	06:00	18.0	DRLG. F/7137' TO 8050' (913') 50.7 FPH. 45/50 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2575 PSI, 327 DIFF. DRLG. KMV PRICE RIVER F/7247, MIDDLE PRICE F/7999'. FUNC COM/DRLG.@ 7448'. MUD VIS 37, WT 10.4 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; FIRST DAY BACK AT WORK. TEAMWORK.  
 FUEL ON HAND 4902 GAL. USED 1710 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 52 HRS.  
 WEATHER; TEMP 36 DEG. HUMIDITY 75 %, DEW PT 28 DEG. WIND W @6, VIS 10 MI.

RECEIVED 236 JTS (9474.40') 4.5" N-80 CSG W/ 2 - 4.5" P-110 MKR JTS. (31.04') TRANSFERRED IN 6 JTS  
CSG(241.20') + 2 MKR JTS(30.87') = 9777.51' O/A THREADS OFF (246 TOTAL TUBULARS).

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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 88-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
<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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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: 10/28/2010	<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 checked="" 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 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 to change the Drilling Plan. 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: *Dan K. [Signature]*

<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 88-33**

**SE/SE, 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	1,783		Shale	
Birdsnest	2,037		Dolomite	
Mahogany Oil Shale Bed	2,691		Shale	
Wasatch	4,943	Primary	Sandstone	Gas
Chapita Wells	5,545	Primary	Sandstone	Gas
Buck Canyon	6,234	Primary	Sandstone	Gas
North Horn	6,874	Primary	Sandstone	Gas
KMV Price River	7,247	Primary	Sandstone	Gas
KMV Price River Middle	7,999	Primary	Sandstone	Gas
KMV Price River Lower	8,782	Primary	Sandstone	Gas
Sego	9,348		Sandstone	
<b>TD</b>	<b>9,550</b>			

**Estimated TD: 9,550' or 200'± below TD**

**Anticipated BHP: 5,210 psi**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,800 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 88-33

#### SE/SE, 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 of 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. 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 88-33**

**SE/SE, 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:** 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**

# DRILLING PLAN

## HOSS 88-33

### SE/SE, 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:** 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:

- 205 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 245 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 280 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 320 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:

**315 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:

**780 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 88-33**

**SE/SE, 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>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 88-33
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
<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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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 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: 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.

Please see the attached well chronology report for the referenced well showing all activity up to 11/2/10.

**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	

# WELL CHRONOLOGY REPORT

Report Generated On: 11-02-2010

<b>Well Name</b>	HOSS 088-33	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	PONDEROSA	<b>API #</b>	43-047-40016	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	10-30-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,550/ 9,550	<b>Property #</b>	062515
<b>Water Depth</b>	0	<b>Last CSG</b>	4.5	<b>Shoe TVD / MD</b>	9,550/ 9,550
<b>KB / GL Elev</b>	4,986/ 4,973				
<b>Location</b>	Section 33, T8S, R23E, SESE, 600 FSL & 859 FEL				

<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>	306090	<b>AFE Total</b>	1,640,500	<b>DHC / CWC</b>	660,500/ 980,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	05-05-2008
<b>05-05-2008</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)
			600' FSL & 859' FEL (SE/SE)
			SECTION 33, T8S, R23E
			UINTAH COUNTY, UTAH
			LAT 40.070878, LONG 109.321421 (NAD 27)
			LAT 40.070844, LONG 109.322100 (NAD 83)
			TRUE #34
			OBJECTIVE: 9550' TD, MESAVERDE
			DW/GAS
			PONDEROSA PROSPECT
			DD&A: CHAPITA DEEP
			NATURAL BUTTES FIELD
			LEASE: UTU-64422
			ELEVATION: 4971.4' NAT GL, 4972.9' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4973'), 4992' KB (19')
			EOG WI 100%, NRI 77%

10-06-2010      **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 STARTED TODAY.

**10-07-2010** **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.

**10-08-2010** **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 20% COMPLETE.

**10-11-2010** **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 30% COMPLETE.

**10-12-2010** **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 40% COMPLETE.

**10-13-2010** **Reported By** TERRY CSERE/KENT DEVENPORT



Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 10/17/2010. DRILLED 12-1/4" HOLE TO 2655' GL (2674' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 1920'. DRILLED WITH FLUID TO TD. RAN 61 JTS (2645.28') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2664.28' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2500 PSIG. PUMPED 190 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLs) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLs) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/180.4 BBLs FRESH WATER. BUMPED PLUG W/1550# @ 21:11 HOURS ON 10/23/2010 FLOATS HELD. NO RETURNS OF CEMENT TO SURFACE. LOST RETURNS 45 BBLs INTO FRESH WATER FLUSH. WOC 1 HOUR.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: 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 CEMENT TO SURFACE. WOC 2.25 HOURS.

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.

TOP JOB # 4: MIXED & PUMPED 75 SX (15.3 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. RELEASE HALLIBURTON.

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

CRAIGS RIG 2 TOOK 5 SURVEYS WHILE DRILLING HOLE @ 1560' = 2 DEGREES, 1920' = 3 DEGREES, 2100' = 3 DEGREES, 2280' = 1 DEGREE AND 2655' = .5 DEGREE.

KERRY SALES NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 10/21/2010 @ 04:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 10/21/2010 AT 04:00 PM. NOTIFIED ON 10/20/2010.

06:00

<b>10-30-2010</b>		<b>Reported By</b>	GLEN PRUET								
<b>Daily Costs: Drilling</b>		\$127,335	<b>Completion</b>		\$0	<b>Daily Total</b>		\$127,335			
<b>Cum Costs: Drilling</b>		\$311,886	<b>Completion</b>		\$0	<b>Well Total</b>		\$311,886			
<b>MD</b>	2,674	<b>TVD</b>	2,674	<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:** DRILLING SHOE TRACK

Start	End	Hrs	Activity Description
06:00	12:00	6.0	SAFETY MEETING WITH JONES TRUCKING CREW & RIG CREWS, RW JONES MOVED RIG 3.2 MI. FROM HOSS 86-31 TO HOSS 88 -33. RIG ON LOCATION @ 12:00 HRS.,
12:00	20:30	8.5	RU/RT. RAISE DERRICK @ 15:30 HRS. TRUCKS RELEASED @ 16:00 HRS. FMC SERVICEMAN LOCKED DTO DRLG CONNECTOR AND TEST TO 5000 PSI. OK. PRE SPUD RIG INSPECTION COMPLETE. RIG ACCEPTED ON DAYWORK @ 20:30 HRS. 10/29/2010.

20:30 00:00 3.5 HELD 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 250 LOW/5000 PSI HI, 10 MINUTES. TEST ANNULAR PREVENTER 250/2500 PSI FOR 10 MINUTES. ALL TEST GOOD.

00:00 00:30 0.5 TEST 9 5/8" CASING 1500 PSI FOR 30 MINUTES. ALL TEST GOOD. BLM & UDOGM DID NOT WITNESS TEST.

00:30 01:00 0.5 INSTALL WEAR BUSHING.

01:00 04:00 3.0 PJSM FRANKS LD MACHINE CREW. RU EQUIPMENT. PICK UP 7 7/8" SMITH PDC BIT, BHA & DP ON TRIP IN HOLE. TAG CMT. @ 2580'. R/D FRANKS P/U MACHINE.

04:00 04:30 0.5 INSTALL ROT. HEAD RUBBER, DRIVE BUSHING. TORQUE KELLY.

04:30 06:00 1.5 DRILL CEMENT AND FLTS F/2580' TO 2622'. (FUNC COM F/DRILLING). PUMP 433 GPM @ 114 SPM, 1550 PSI. DIFF 120, ROT 48, MOTOR RPM 69. MUD WEIGHT 9.6 PPG, VISCOSITY 34 SEC./QT. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS; PRESSURE TEST. PU BHA.

FUEL ON HAND 9804 GAL. USED 362 GAL.

BOILER TOTAL HRS. USED THIS WELL 8 HRS.

TRANSFER 6 JTS (241.26') 4.5" 11.6#, N-80 LTC CSG., 2 JTS. 4.5" 11.6#, P-110 MARKER JTS. (30.88') AND 2166 GALLONS FUEL TO THE FROM HOSS 86-31

WEATHER; FAIR TEMP 36 DEG. HUMIDITY 73 %, DEW PT 28 DEG. WIND W @ 6, VIS 10 MI.

BLM (E-MAIL) & UDOGM (TELEPHONE) NOTIFIED OF BOP TEST 10/29/10.

<b>10-31-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$51,637	<b>Completion</b>	\$0	<b>Daily Total</b>	\$51,637						
<b>Cum Costs: Drilling</b>	\$363,523	<b>Completion</b>	\$0	<b>Well Total</b>	\$363,523						
<b>MD</b>	5,450	<b>TVD</b>	5,450	<b>Progress</b>	2,776	<b>Days</b>	1	<b>MW</b>	9.4	<b>Visc</b>	36.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 5450'											

Start	End	Hrs	Activity Description
06:00	06:30	0.5	CONTINUE DRILL CEMENT AND FLTS F/2622' TO 2674' AND 10' OF NEW HOLE TO 2684'. CBU FOR FIT. (FUNC COM F/DRILLING). PUMP 433 GPM @ 114 SPM, 1550 PSI. DIFF 120, ROT 48, MOTOR RPM 69. MUD WEIGHT 9.6 PPG, VISCOSITY 34 SEC./QT. FIT @ 2684' + 356 PSI = 12.0 PPG EMW.
06:30	08:30	2.0	DRILL 2684' TO 2976' (292') 146 FPH. 45/55 RPM + 72 RPM ON MOTOR. WOB 12-18. PUMP 456 GPM @ 120 SPM. SPP 1850 PSI, DIFF 240. DRILLING MAHOGANY OIL SHALE BED F/2691'. FUNC COM F/DRILLING. BOP DRILL.
08:30	09:00	0.5	SURVEY @ 2900', 1.23 DEG.
09:00	10:30	1.5	DRILL 2976' TO 3132, (156') 104 FPH. 45/55 RPM + 72 RPM ON MOTOR. WOB 12-18. PUMP 456 GPM @ 120 SPM. SPP 1850 PSI, DIFF 340. DRILLING MAHOGANY OIL SHALE BED F/2691'.
10:30	11:00	0.5	SERVICE RIG
11:00	16:30	5.5	DRILLING F/3132' TO 4115' (983') 178.7'/HR. 55 RPM + 73 RPM ON MOTOR. WOB 16-20K. PUMP 456 GPM @ 120 SPM #2 PUMP, SPP 2050 PSI, DIFF 250. DRLG.: MAHOGANY SHALE BED F/2691'. MUD WT. 9.4 VIS 34.
16:30	17:00	0.5	SURVEY @ 3860', 1.34 DEG.
17:00	00:00	7.0	DRLG. F/4115' TO 4920' (804') 115 FPH. 60 RPM + 73 RPM ON MOTOR. WOB 18/20K. PUMP 456 GPM @ 120 SPM #2 PUMP, SPP 2350 PSI, DIFF 220/360 DRLG.: MAHOGANY F/2691'. BOP DRILL.
00:00	00:30	0.5	SURVEY @ 4839', 1.51 DEG.
00:30	06:00	5.5	DRLG. F/4920' TO 5450' (530') 96.3 FPH. 55 RPM + 72 RPM ON MOTOR. WOB 18/20K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2120/2445 PSI, DIFF 265/425 DRLG.: WASATCH F/4943'. BOP DRILL 82 SEC. @ 5386'. MUD VIS 33, WT 9.6 PPG.

ONE SHORT DAYS. (CLINT TOONE WALKED OFF @ 07:00 HRS) NO ACCIDENTS OR INCIDENTS.

SAFETY MEETINGS TOPICS; FIT, BOP DRILLS.  
 FUEL ON HAND 8322 GAL. USED 1481 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 22 HRS.  
 WEATHER; FAIR TEMP 37 DEG. HUMIDITY 96 %, DEW PT 36 DEG. WIND W CALM VIS 10 MI.

06:00 SPUD 7 7/8" HOLE @ 06:30 HRS, 10/30/2010.

<b>11-01-2010</b>		<b>Reported By</b>		GLEN PRUET							
<b>Daily Costs: Drilling</b>		\$37,300	<b>Completion</b>		\$0	<b>Daily Total</b>		\$37,300			
<b>Cum Costs: Drilling</b>		\$400,824	<b>Completion</b>		\$0	<b>Well Total</b>		\$400,824			
<b>MD</b>	6,857	<b>TVD</b>	6,857	<b>Progress</b>	1,407	<b>Days</b>	2	<b>MW</b>	9.7	<b>Visc</b>	35.0
<b>Formation :</b>		<b>PBTD : 0.0</b>			<b>Perf :</b>		<b>PKR Depth : 0.0</b>				
<b>Activity at Report Time:</b> DRILLING @ 6857'											

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRLG. F/5450' TO 5762' (312') 89.1 FPH. 50 RPM + 72 RPM ON MOTOR. WOB 18/20K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2350 PSI, DIFF 380 DRLG.:CHAPITA WELLS F/5545'. FUNC COM/DRLG. @ 5762'. BOP DRILL @ 5512', 90 SEC. TO SECURE WELL.
09:30	10:00	0.5	SERVICE RIG.
10:00	06:00	20.0	DRLG. F/5762' TO 6857' (1095') 54.75 FPH. 50/55 RPM + 68/72 RPM ON MOTOR. WOB 16/22K. PUMP 448/454 GPM @ 125 SPM #1/#2 PUMP, SPP 2325/2460 PSI, DIFF 225/325 DRLG. CHAPITA WELLS F/5545'. BUCK CANYON F/6234'. FUNC COM/DRLG.@ 6293'. MUD VIS 37, WT 10.0 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; WORKING IN WET ENVIRONMENT. FIRST DAY BACK AT WORK.  
 FUEL ON HAND 6612 GAL. USED 1710 GAL.  
 BOILER HRS USED 16, TOTAL HRS. THIS WELL 38 HRS.  
 WEATHER; PARTLY CLOUDY TEMP 41 DEG. HUMIDITY 70 %, DEW PT 31 DEG. WIND WSW @6, VIS 10 MI.

<b>11-02-2010</b>		<b>Reported By</b>		GLEN PRUET							
<b>Daily Costs: Drilling</b>		\$31,015	<b>Completion</b>		\$6,329	<b>Daily Total</b>		\$37,344			
<b>Cum Costs: Drilling</b>		\$431,839	<b>Completion</b>		\$6,329	<b>Well Total</b>		\$438,168			
<b>MD</b>	8,050	<b>TVD</b>	8,050	<b>Progress</b>	1,193	<b>Days</b>	3	<b>MW</b>	10.0	<b>Visc</b>	34.0
<b>Formation :</b>		<b>PBTD : 0.0</b>			<b>Perf :</b>		<b>PKR Depth : 0.0</b>				
<b>Activity at Report Time:</b> DRILLING @ 8050'											

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRLG. F/6857' TO 7137' (280') 50.9 FPH. 50 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2350/2550 PSI, DIFF 225/360 DRLG.: NORTH HORN F/6874'. FUNC. COM DRILLING @ 7136'.
11:30	12:00	0.5	SERVICE RIG.
12:00	06:00	18.0	DRLG. F/7137' TO 8050' (913') 50.7 FPH. 45/50 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2575 PSI, 327 DIFF. DRLG. KMV PRICE RIVER F/7247, MIDDLE PRICE F/7999'. FUNC COM/DRLG.@ 7448'. MUD VIS 37, WT 10.4 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; FIRST DAY BACK AT WORK. TEAMWORK.  
 FUEL ON HAND 4902 GAL. USED 1710 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 52 HRS.  
 WEATHER; TEMP 36 DEG. HUMIDITY 75 %, DEW PT 28 DEG. WIND W @6, VIS 10 MI.

RECEIVED 236 JTS (9474.40') 4.5" N-80 CSG W/ 2 - 4.5" P-110 MKR JTS. (31.04') TRANSFERRED IN 6 JTS  
CSG(241.20') + 2 MKR JTS(30.87') = 9777.51' O/A THREADS OFF (246 TOTAL TUBULARS).

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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 88-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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 11/10/2010.

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	

RECEIVED 236 JTS (9474.40') 4.5" N-80 CSG W/ 2 - 4.5" P-110 MKR JTS. (31.04') TRANSFERRED IN 6 JTS CSG(241.20') + 2 MKR JTS(30.87') = 9777.51' O/A THREADS OFF (246 TOTAL TUBULARS).

**11-03-2010**      **Reported By**                      GLEN PRUET

<b>DailyCosts: Drilling</b>	\$100,207	<b>Completion</b>	\$543	<b>Daily Total</b>	\$100,750						
<b>Cum Costs: Drilling</b>	\$541,016	<b>Completion</b>	\$6,872	<b>Well Total</b>	\$547,888						
<b>MD</b>	8,890	<b>TVD</b>	8,890	<b>Progress</b>	840	<b>Days</b>	4	<b>MW</b>	10.5	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time:** DRILLING @ 8890'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRLG. F/8050' TO 8322' (272') 41.8 FPH. 45 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2575 PSI, 327 DIFF. DRLG. KMV PRICE RIVER MIDDLE F/7999'. FUNC COM/DRLG.@ 8071'. MUD VIS 39, WT 10.6 PPG.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	DRLG. F/8322' TO 8890' (568') 33.4 FPH, 45/50 RPM + 67 RPM ON MOTOR. WOB 18/22K. PUMP 423 GPM @ 120 SPM #1 PUMP, SPP 2520/2690 PSI, 170/310 DIFF. DRLG. KMV PRICE RIVER MIDDLE PRICE F/7999', LOWER PRICE F/8872'. FUNC COM/DRLG.@ 8571'. MUD VIS 38, WT 11.3 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; FORK LIFT LOAD SAFETY, FOOT PLACEMENT, TEAMWORK.  
 FUEL ON HAND 3135 GAL. USED 1767 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 52 HRS.  
 WEATHER; FAIR TEMP 34 DEG. HUMIDITY 82 %, DEW PT 29 DEG. WIND W @ 5, VIS 10 MI.

**11-04-2010**      **Reported By**                      DAVID GREESON

<b>DailyCosts: Drilling</b>	\$43,987	<b>Completion</b>	\$0	<b>Daily Total</b>	\$43,987						
<b>Cum Costs: Drilling</b>	\$585,004	<b>Completion</b>	\$6,872	<b>Well Total</b>	\$591,876						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	660	<b>Days</b>	5	<b>MW</b>	11.5	<b>Visc</b>	38.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time:** WIPER TRIP. 9550' TD

Start	End	Hrs	Activity Description
06:00	10:30	4.5	DRLG. F/8890' TO 9009' (119') 27'FPH, 45 RPM + 64 RPM ON MOTOR. WOB 18-22K. PUMP 401 GPM @ 115 SPM #1 PUMP, SPP 2600 PSI, 150/300 DIFF. DRLG. LOWER PRICE RIVER F/8872'. FUNC COM/DRLG.@ 8915'. MUD VIS 38, WT 11.3 PPG.
10:30	11:00	0.5	SERVICE RIG. LUBRICATE DRAW WORKS AND CROWN.
11:00	04:30	17.5	DRLG. F/9009' TO 9550' (541') 30'FPH, 45 RPM + 64 RPM ON MOTOR. WOB 18-22K. PUMP 401 GPM @ 115 SPM #1 PUMP, SPP 2600 PSI, 150/300 DIFF. DRLG. LOWER PRICE RIVER F/8872', SEGO 9348'. FUNC COM/DRLG. MUD VIS 38, WT 11.5 PPG. REACHED TD @ 04:30 HRS, 11-4-10.
04:30	06:00	1.5	CIRCULATE BEFORE WIPER TRIP AT TD. PUMP DRYJOB SLUG 1.5# OVER 11.5 MUD WT. CHECK FOR FLOW. KELLY BACK AND BLOW DOWN KELLY.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS: PROPER PPE/ FACE SHIELDS.  
 FUEL RECIEVED 2200 GL, ON HAND 3648 GAL. USED 1687 GAL.  
 BOILER HRS USED 8, TOTAL HRS. 60 HRS.

**11-05-2010**      **Reported By**                      DAVID GREESON

<b>DailyCosts: Drilling</b>	\$27,907	<b>Completion</b>	\$95,529	<b>Daily Total</b>	\$123,436
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**Cum Costs: Drilling** \$612,911 **Completion** \$102,401 **Well Total** \$715,312  
**MD** 9,550 **TVD** 9,550 **Progress** 0 **Days** 6 **MW** 11.6 **Visc** 38.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** CEMENTING CASING

Start	End	Hrs	Activity Description
06:00	14:00	8.0	TRIP OUT OF HOLE AND LAYDOWN ROLLER REAMERS. TIGHT SPOTS AT 4840'. TIH, FILL PIPE AT SHOE, NO TIGHT SPOTS GOING IN HOLE. TAG BOTTOM @9490'
14:00	15:30	1.5	WASH AND REAM 60' FILL TO BOTTOM. 10-20K WOB. 401 GPM 115 STK. #1 PUMP. 50 RPM 64 MM. MUD WT. 11.6 VIS 38.
15:30	16:30	1.0	PUMP 50 BBL. HIGH-VIS. SWEEP W/ LCM TRACER. CIRCULATE BOTTOMS UP BEFORE LD DP. SMALL AMOUNTS OF GRANULAR SAND AND SHALE RETURNING WITH SWEEP.
16:30	17:00	0.5	DROP SURVEY (2.58 DEGREE @ 9470'), PUMP DRY JOB SLUG 1.5# OVER 11.5 MUD WT.
17:00	22:30	5.5	HELD PJSM W/ FRANKS LD MCHINE CREW AND RIG CREW. LD DP AND BHA. HOLE TAKES PROPER FLUID FILL AND NO TIGHT HOLE.
22:30	23:00	0.5	PULL WEAR BUSHING OUT OF WELLHEAD.
23:00	05:00	6.0	HELD SAFETY MEETING W/RIG CREWS & FRANKS CASING CREW. R/U CASING TOOLS & RAN TOTAL OF 236 JTS 4 1/2", 11.6#, N-80, LTC CASING & LANDED @ 9541.46. RAN CASING AS FOLLOWS: FLOAT SHOE @ 9541.46', 1 JT. CASING, FLOAT COLLAR W/LATCH DOWN ASSEMBLY TOP @ 9497.96'; 57 JTS TO MARKER JOINT (20.28') @ 7211.07'; 66 JT.'S CASING TO SECOND MARKER JOINT (19.97') @ 4539.27' AND 112 JT'S 4.5" N-80 CASING TO CASING MANDREL HANGER (6.10'). RAN 3 TURBULIZERS, 1 - 5' ABOVE SHOE 1 EACH IN MIDDLE OF JTS 2 & 3. RAN 40 CENTRALIZERS STARTING ON JT. #4 EVERY THIRD UNTIL GONE. TAG BOTTOM W/ JOINT # 237 LAID IT DOWN. PICKED UP LANDING JOINT AND LANDED CASING W/ 85,000 ON HANGER.
05:00	06:00	1.0	CIRCULATE BOTTOMS UP WHILE RIGGING UP HALLIBURTON CEMENTERS. PREPARE TO CEMENT PRODUCTION CASING.
			NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS TOPICS: LD DP/ RUNNING CASING.
			FUEL ON HAND 2680 GL. USED 968 GAL.
			BOILER HRS USED 8, TOTAL HRS. 68 HRS.

**11-06-2010** **Reported By** DAVID GREESON

**Daily Costs: Drilling** \$38,133 **Completion** \$67,868 **Daily Total** \$106,001  
**Cum Costs: Drilling** \$651,045 **Completion** \$170,269 **Well Total** \$821,314  
**MD** 9,550 **TVD** 9,550 **Progress** 0 **Days** 7 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

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

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE BOTTOMS UP WHILE RIGGING UP HALLIBURTON CEMENTERS. PREPARE TO CEMENT PRODUCTION CASING.
07:00	10:00	3.0	PJSM: TEST PUMP & LINES TO 5000 PSI & CEMENT CASING AS FOLLOWS; 20 BBLS MUD FLUSH, 10 BBLS FRESH WATER, MIX & PUMP 460 SKS.(151 BBLS) HIGHBOND LEAD CEMENT MIXED @ 12.0 PPG, 1.84 Y, 9.86 GAL/SK WATER. PLUS 1330 SKS (348 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 147 BBLS FRESH WATER @ 7.0 BPM AVERAGE, BUMP PLUG W/600 PSI OVER FCP OF 2800 PSI @ 4 BPM. HELD PRESSURE (3400 PSI) 2 MIN. RELEASED PRESSURE, FLOW BACK 2 BBLS. RE PRESSURED UP TO 2800 PSI FOR 1 HOURS. PLUG DOWN @ 09:40 HRS 11/05/2010. FULL RETURNS MUD ONLY DURING CEMENTING.
10:00	11:00	1.0	HELD 3100 PSI AND WAITED ONE HOUR BEFORE REMOVING CEMENTING HEAD.

11:00 12:00 1.0 SET PACK OFF RING ON CASING HANGER W/ FMC TECH HAND AND TESTED TO 5000PSI.

12:00 13:00 1.0 NIPPLE DOWN BOP AND CLEAN MUD PITS W/ REDI SERVICES VAC-TRUCK.

13:00 06:00 17.0 RIG DOWN ROTARY TOOL. MOVE RIG FROM THE HOSS 88-33 TO THE HOSS 71-33, 1.2 MILES.  
 TRANSFERRING 6 JT'S (242.49') OF 4.5" N-80 11.6# LTC PROD. CSG., 2 JT'S (21.66') OF 4.5" HCP-110 11.6# LTC  
 MARKER JT'S AND 2280 GL DIESEL FUEL TO THE HOSS 71-33. DERRICK LAYED OVER AT 14:00 11-5-10. RW  
 JONES TRUCKS SCHEDULED FOR 06:00 11-6-10.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS: CEMENTING/RDRT.  
 FUEL ON HAND 2280 GL. USED 400 GAL.  
 NOTIFIED BLM AND UDOGM OF BOP TEST ON HOSS 71-33, 11-4-10.

06:00 RIG RELEASED @ 13:00 HRS, 11/5/10.  
 CASING POINT COST \$649,953

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<b>11-10-2010</b>	<b>Reported By</b>	SEARLE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$30,300	<b>Daily Total</b>	\$30,300						
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$200,569	<b>Well Total</b>	\$851,614						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	0	<b>Days</b>	8	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 9498.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time:** PREP FOR FRACS

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00			MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM 9480' TO 970' & 200' ACROSS CEMENT TOP @ 630'. RD SCHLUMBERGER.

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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 88-33
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047400160000
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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> 0600 FSL 0859 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE 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: 12/18/2010	<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 18, 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**  
 12/20/2010

<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> 12/20/2010	

# WELL CHRONOLOGY REPORT

Report Generated On: 12-20-2010

<b>Well Name</b>	HOSS 088-33	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	PONDEROSA	<b>API #</b>	43-047-40016	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	10-30-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,550/ 9,550	<b>Property #</b>	062515
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	4,986/ 4,973				
<b>Location</b>	Section 33, T8S, R23E, SESE, 600 FSL & 859 FEL				

<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>	306090	<b>AFE Total</b>	1,640,500	<b>DHC / CWC</b>	660,500/ 980,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	05-05-2008
<b>05-05-2008</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) 600' FSL & 859' FEL (SE/SE) SECTION 33, T8S, R23E UINTAH COUNTY, UTAH  LAT 40.070878, LONG 109.321421 (NAD 27) LAT 40.070844, LONG 109.322100 (NAD 83)  TRUE #34 OBJECTIVE: 9550' TD, MESAVERDE DW/GAS PONDEROSA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD  LEASE: UTU-64422 ELEVATION: 4971.4' NAT GL, 4972.9' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4973'), 4992' KB (19')

EOG WI 100%, NRI 77%

10-06-2010      **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 STARTED TODAY.

**10-07-2010**      **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.

**10-08-2010**      **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 20% COMPLETE.

**10-11-2010**      **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 30% COMPLETE.

**10-12-2010**      **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 40% COMPLETE.

**10-13-2010**      **Reported By**      TERRY CSERE/KENT DEVENPORT



Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 10/17/2010. DRILLED 12-1/4" HOLE TO 2655' GL (2674' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 1920'. DRILLED WITH FLUID TO TD. RAN 61 JTS (2645.28') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2664.28' KB. RDMO CRAIGS RIG #2.  MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2500 PSIG. PUMPED 190 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLs) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLs) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/180.4 BBLs FRESH WATER. BUMPED PLUG W/1550# @ 21:11 HOURS ON 10/23/2010 FLOATS HELD. NO RETURNS OF CEMENT TO SURFACE. LOST RETURNS 45 BBLs INTO FRESH WATER FLUSH. WOC 1 HOUR.  TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.  TOP JOB # 2: 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 CEMENT TO SURFACE. WOC 2.25 HOURS.  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.  TOP JOB # 4: MIXED & PUMPED 75 SX (15.3 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. RELEASE HALLIBURTON.  PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.  CRAIGS RIG 2 TOOK 5 SURVEYS WHILE DRILLING HOLE @ 1560' = 2 DEGREES, 1920' = 3 DEGREES, 2100' = 3 DEGREES, 2280' = 1 DEGREE AND 2655' = .5 DEGREE.  KERRY SALES NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 10/21/2010 @ 04:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 10/21/2010 AT 04:00 PM. NOTIFIED ON 10/20/2010.

06:00

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<b>10-30-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$127,335	<b>Completion</b>	\$0	<b>Daily Total</b>	\$127,335						
<b>Cum Costs: Drilling</b>	\$320,856	<b>Completion</b>	\$0	<b>Well Total</b>	\$320,856						
<b>MD</b>	2,674	<b>TVD</b>	2,674	<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> DRILLING SHOE TRACK											
Start	End	Hrs	Activity Description								
06:00	12:00	6.0	SAFETY MEETING WITH JONES TRUCKING CREW & RIG CREWS, RW JONES MOVED RIG 3.2 MI. FROM HOSS 86-31 TO HOSS 88 -33. RIG ON LOCATION @ 12:00 HRS.,								
12:00	20:30	8.5	RU/RT. RAISE DERRICK @ 15:30 HRS. TRUCKS RELEASED @ 16:00 HRS. FMC SERVICEMAN LOCKED DTO DRLG CONNECTOR AND TEST TO 5000 PSI. OK. PRE SPUD RIG INSPECTION COMPLETE. RIG ACCEPTED ON DAYWORK @ 20:30 HRS. 10/29/2010.								

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20:30 00:00 3.5 HELD 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 250 LOW/5000 PSI HI, 10 MINUTES. TEST ANNULAR PREVENTER 250/2500 PSI FOR 10 MINUTES. ALL TEST GOOD.

00:00 00:30 0.5 TEST 9 5/8" CASING 1500 PSI FOR 30 MINUTES. ALL TEST GOOD. BLM & UDOGM DID NOT WITNESS TEST.

00:30 01:00 0.5 INSTALL WEAR BUSHING.

01:00 04:00 3.0 PJSM FRANKS LD MACHINE CREW. RU EQUIPMENT. PICK UP 7 7/8" SMITH PDC BIT, BHA & DP ON TRIP IN HOLE. TAG CMT. @ 2580'. R/D FRANKS P/U MACHINE.

04:00 04:30 0.5 INSTALL ROT. HEAD RUBBER, DRIVE BUSHING. TORQUE KELLY.

04:30 06:00 1.5 DRILL CEMENT AND FLTS F/2580' TO 2622'. (FUNC COM F/DRILLING). PUMP 433 GPM @ 114 SPM, 1550 PSI. DIFF 120, ROT 48, MOTOR RPM 69. MUD WEIGHT 9.6 PPG, VISCOSITY 34 SEC./QT. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS; PRESSURE TEST. PU BHA.

FUEL ON HAND 9804 GAL. USED 362 GAL.

BOILER TOTAL HRS. USED THIS WELL 8 HRS.

TRANSFER 6 JTS (241.26') 4.5" 11.6#, N-80 LTC CSG., 2 JTS. 4.5" 11.6#, P-110 MARKER JTS. (30.88') AND 2166 GALLONS FUEL TO THE FROM HOSS 86-31

WEATHER; FAIR TEMP 36 DEG. HUMIDITY 73 %, DEW PT 28 DEG. WIND W @ 6, VIS 10 MI.

BLM (E-MAIL) & UDOGM (TELEPHONE) NOTIFIED OF BOP TEST 10/29/10.

<b>10-31-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$51,637	<b>Completion</b>	\$0	<b>Daily Total</b>	\$51,637						
<b>Cum Costs: Drilling</b>	\$372,493	<b>Completion</b>	\$0	<b>Well Total</b>	\$372,493						
<b>MD</b>	5,450	<b>TVD</b>	5,450	<b>Progress</b>	2,776	<b>Days</b>	1	<b>MW</b>	9.4	<b>Visc</b>	36.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time:** DRILLING @ 5450'

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:30	0.5	CONTINUE DRILL CEMENT AND FLTS F/2622' TO 2674' AND 10' OF NEW HOLE TO 2684'. CBU FOR FIT. (FUNC COM F/DRILLING). PUMP 433 GPM @ 114 SPM, 1550 PSI. DIFF 120, ROT 48, MOTOR RPM 69. MUD WEIGHT 9.6 PPG, VISCOSITY 34 SEC./QT. FIT @ 2684' + 356 PSI = 12.0 PPG EMW.
06:30	08:30	2.0	DRILL 2684' TO 2976' (292') 146 FPH. 45/55 RPM + 72 RPM ON MOTOR. WOB 12-18. PUMP 456 GPM @ 120 SPM. SPP 1850 PSI, DIFF 240. DRILLING MAHOGANY OIL SHALE BED F/2691'. FUNC COM F/DRILLING. BOP DRILL.
08:30	09:00	0.5	SURVEY @ 2900', 1.23 DEG.
09:00	10:30	1.5	DRILL 2976' TO 3132, (156') 104 FPH. 45/55 RPM + 72 RPM ON MOTOR. WOB 12-18. PUMP 456 GPM @ 120 SPM. SPP 1850 PSI, DIFF 340. DRILLING MAHOGANY OIL SHALE BED F/2691'.
10:30	11:00	0.5	SERVICE RIG
11:00	16:30	5.5	DRILLING F/3132' TO 4115' (983') 178.7'/HR. 55 RPM + 73 RPM ON MOTOR. WOB 16-20K. PUMP 456 GPM @ 120 SPM #2 PUMP, SPP 2050 PSI, DIFF 250. DRLG.: MAHOGANY SHALE BED F/2691'. MUD WT. 9.4 VIS 34.
16:30	17:00	0.5	SURVEY @ 3860', 1.34 DEG.
17:00	00:00	7.0	DRLG. F/4115' TO 4920' (804') 115 FPH. 60 RPM + 73 RPM ON MOTOR. WOB 18/20K. PUMP 456 GPM @ 120 SPM #2 PUMP, SPP 2350 PSI, DIFF 220/360 DRLG.: MAHOGANY F/2691'. BOP DRILL.
00:00	00:30	0.5	SURVEY @ 4839', 1.51 DEG.
00:30	06:00	5.5	DRLG. F/4920' TO 5450' (530') 96.3 FPH. 55 RPM + 72 RPM ON MOTOR. WOB 18/20K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2120/2445 PSI, DIFF 265/425 DRLG.: WASATCH F/4943'. BOP DRILL 82 SEC. @ 5386'. MUD VIS 33, WT 9.6 PPG.

ONE SHORT DAYS. (CLINT TOONE WALKED OFF @ 07:00 HRS) NO ACCIDENTS OR INCIDENTS.

SAFETY MEETINGS TOPICS; FIT, BOP DRILLS.  
 FUEL ON HAND 8322 GAL. USED 1481 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 22 HRS.  
 WEATHER; FAIR TEMP 37 DEG. HUMIDITY 96 %, DEW PT 36 DEG. WIND W CALM VIS 10 MI.

06:00 SPUD 7 7/8" HOLE @ 06:30 HRS, 10/30/2010.

<b>11-01-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$37,300	<b>Completion</b>	\$0	<b>Daily Total</b>	\$37,300						
<b>Cum Costs: Drilling</b>	\$409,793	<b>Completion</b>	\$0	<b>Well Total</b>	\$409,793						
<b>MD</b>	6,857	<b>TVD</b>	6,857	<b>Progress</b>	1,407	<b>Days</b>	2	<b>MW</b>	9.7	<b>Visc</b>	35.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 6857'											

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRLG. F/5450' TO 5762' (312') 89.1 FPH. 50 RPM + 72 RPM ON MOTOR. WOB 18/20K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2350 PSI, DIFF 380 DRLG.:CHAPITA WELLS F/5545'. FUNC COM/DRLG. @ 5762'. BOP DRILL @ 5512', 90 SEC. TO SECURE WELL.
09:30	10:00	0.5	SERVICE RIG.
10:00	06:00	20.0	DRLG. F/5762' TO 6857' (1095') 54.75 FPH. 50/55 RPM + 68/72 RPM ON MOTOR. WOB 16/22K. PUMP 448/454 GPM @ 125 SPM #1/#2 PUMP, SPP 2325/2460 PSI, DIFF 225/325 DRLG. CHAPITA WELLS F/5545'. BUCK CANYON F/6234'. FUNC COM/DRLG.@ 6293'. MUD VIS 37, WT 10.0 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; WORKING IN WET ENVIRONMENT. FIRST DAY BACK AT WORK.  
 FUEL ON HAND 6612 GAL. USED 1710 GAL.  
 BOILER HRS USED 16, TOTAL HRS. THIS WELL 38 HRS.  
 WEATHER; PARTLY CLOUDY TEMP 41 DEG. HUMIDITY 70 %, DEW PT 31 DEG. WIND WSW @6, VIS 10 MI.

<b>11-02-2010</b>	<b>Reported By</b>	GLEN PRUET									
<b>Daily Costs: Drilling</b>	\$31,015	<b>Completion</b>	\$6,329	<b>Daily Total</b>	\$37,344						
<b>Cum Costs: Drilling</b>	\$440,809	<b>Completion</b>	\$6,329	<b>Well Total</b>	\$447,138						
<b>MD</b>	8,050	<b>TVD</b>	8,050	<b>Progress</b>	1,193	<b>Days</b>	3	<b>MW</b>	10.0	<b>Visc</b>	34.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> DRILLING @ 8050'											

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRLG. F/6857' TO 7137' (280') 50.9 FPH. 50 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2350/2550 PSI, DIFF 225/360 DRLG.: NORTH HORN F/6874'. FUNC. COM DRILLING @ 7136'.
11:30	12:00	0.5	SERVICE RIG.
12:00	06:00	18.0	DRLG. F/7137' TO 8050' (913') 50.7 FPH. 45/50 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2575 PSI, 327 DIFF. DRLG. KMV PRICE RIVER F/7247, MIDDLE PRICE F/7999'. FUNC COM/DRLG.@ 7448'. MUD VIS 37, WT 10.4 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; FIRST DAY BACK AT WORK. TEAMWORK.  
 FUEL ON HAND 4902 GAL. USED 1710 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 52 HRS.  
 WEATHER; TEMP 36 DEG. HUMIDITY 75 %, DEW PT 28 DEG. WIND W @6, VIS 10 MI.

RECEIVED 236 JTS (9474.40') 4.5" N-80 CSG W/ 2 - 4.5" P-110 MKR JTS. (31.04') TRANSFERRED IN 6 JTS CSG(241.20') + 2 MKR JTS(30.87') = 9777.51' O/A THREADS OFF (246 TOTAL TUBULARS).

**11-03-2010**      **Reported By**      GLEN PRUET

<b>DailyCosts: Drilling</b>	\$100,207	<b>Completion</b>	\$543	<b>Daily Total</b>	\$100,750						
<b>Cum Costs: Drilling</b>	\$541,016	<b>Completion</b>	\$6,872	<b>Well Total</b>	\$547,888						
<b>MD</b>	8,890	<b>TVD</b>	8,890	<b>Progress</b>	840	<b>Days</b>	4	<b>MW</b>	10.5	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time:** DRILLING @ 8890'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRLG. F/8050' TO 8322' (272') 41.8 FPH. 45 RPM + 68 RPM ON MOTOR. WOB 18/20K. PUMP 425 GPM @ 121 SPM #1 PUMP, SPP 2575 PSI, 327 DIFF. DRLG. KMV PRICE RIVER MIDDLE F/7999'. FUNC COM/DRLG.@ 8071'. MUD VIS 39, WT 10.6 PPG.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	DRLG. F/8322' TO 8890' (568') 33.4 FPH, 45/50 RPM + 67 RPM ON MOTOR. WOB 18/22K. PUMP 423 GPM @ 120 SPM #1 PUMP, SPP 2520/2690 PSI, 170/310 DIFF. DRLG. KMV PRICE RIVER MIDDLE PRICE F/7999', LOWER PRICE F/8872'. FUNC COM/DRLG.@ 8571'. MUD VIS 38, WT 11.3 PPG.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS; FORK LIFT LOAD SAFETY, FOOT PLACEMENT, TEAMWORK.  
 FUEL ON HAND 3135 GAL. USED 1767 GAL.  
 BOILER HRS USED 14, TOTAL HRS. THIS WELL 52 HRS.  
 WEATHER; FAIR TEMP 34 DEG. HUMIDITY 82 %, DEW PT 29 DEG. WIND W @ 5, VIS 10 MI.

**11-04-2010**      **Reported By**      DAVID GREESON

<b>DailyCosts: Drilling</b>	\$43,987	<b>Completion</b>	\$0	<b>Daily Total</b>	\$43,987						
<b>Cum Costs: Drilling</b>	\$585,004	<b>Completion</b>	\$6,872	<b>Well Total</b>	\$591,876						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	660	<b>Days</b>	5	<b>MW</b>	11.5	<b>Visc</b>	38.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time:** WIPER TRIP. 9550' TD

Start	End	Hrs	Activity Description
06:00	10:30	4.5	DRLG. F/8890' TO 9009' (119') 27'FPH, 45 RPM + 64 RPM ON MOTOR. WOB 18-22K. PUMP 401 GPM @ 115 SPM #1 PUMP, SPP 2600 PSI, 150/300 DIFF. DRLG. LOWER PRICE RIVER F/8872'. FUNC COM/DRLG.@ 8915'. MUD VIS 38, WT 11.3 PPG.
10:30	11:00	0.5	SERVICE RIG. LUBRICATE DRAW WORKS AND CROWN.
11:00	04:30	17.5	DRLG. F/9009' TO 9550' (541') 30'FPH, 45 RPM + 64 RPM ON MOTOR. WOB 18-22K. PUMP 401 GPM @ 115 SPM #1 PUMP, SPP 2600 PSI, 150/300 DIFF. DRLG. LOWER PRICE RIVER F/8872', SEGO 9348'. FUNC COM/DRLG. MUD VIS 38, WT 11.5 PPG. REACHED TD @ 04:30 HRS, 11-4-10.
04:30	06:00	1.5	CIRCULATE BEFORE WIPER TRIP AT TD. PUMP DRYJOB SLUG 1.5# OVER 11.5 MUD WT. CHECK FOR FLOW. KELLY BACK AND BLOW DOWN KELLY.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS: PROPER PPE/ FACE SHIELDS.  
 FUEL RECIEVED 2200 GL, ON HAND 3648 GAL. USED 1687 GAL.  
 BOILER HRS USED 8, TOTAL HRS. 60 HRS.

**11-05-2010**      **Reported By**      DAVID GREESON

<b>DailyCosts: Drilling</b>	\$27,907	<b>Completion</b>	\$95,529	<b>Daily Total</b>	\$123,436
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**Cum Costs: Drilling** \$612,911      **Completion** \$102,401      **Well Total** \$715,312  
**MD** 9,550    **TVD** 9,550    **Progress** 0    **Days** 6    **MW** 11.6    **Visc** 38.0  
**Formation :**                    **PBTD : 0.0**                    **Perf :**                    **PKR Depth : 0.0**

**Activity at Report Time:** CEMENTING CASING

Start	End	Hrs	Activity Description
06:00	14:00	8.0	TRIP OUT OF HOLE AND LAYDOWN ROLLER REAMERS. TIGHT SPOTS AT 4840'. TIH, FILL PIPE AT SHOE, NO TIGHT SPOTS GOING IN HOLE. TAG BOTTOM @9490'
14:00	15:30	1.5	WASH AND REAM 60' FILL TO BOTTOM. 10-20K WOB. 401 GPM 115 STK. #1 PUMP. 50 RPM 64 MM. MUD WT. 11.6 VIS 38.
15:30	16:30	1.0	PUMP 50 BBL. HIGH-VIS. SWEEP W/ LCM TRACER. CIRCULATE BOTTOMS UP BEFORE LD DP. SMALL AMOUNTS OF GRANULAR SAND AND SHALE RETURNING WITH SWEEP.
16:30	17:00	0.5	DROP SURVEY (2.58 DEGREE @ 9470'), PUMP DRY JOB SLUG 1.5# OVER 11.5 MUD WT.
17:00	22:30	5.5	HELD PJSM W/ FRANKS LD MCHINE CREW AND RIG CREW. LD DP AND BHA. HOLE TAKES PROPER FLUID FILL AND NO TIGHT HOLE.
22:30	23:00	0.5	PULL WEAR BUSHING OUT OF WELLHEAD.
23:00	05:00	6.0	HELD SAFETY MEETING W/RIG CREWS & FRANKS CASING CREW. R/U CASING TOOLS & RAN TOTAL OF 236 JTS 4 1/2", 11.6#, N-80, LTC CASING & LANDED @ 9541.46. RAN CASING AS FOLLOWS: FLOAT SHOE @ 9541.46', 1 JT. CASING, FLOAT COLLAR W/LATCH DOWN ASSEMBLY TOP @ 9497.96'; 57 JTS TO MARKER JOINT (20.28') @ 7211.07'; 66 JT.'S CASING TO SECOND MARKER JOINT (19.97') @ 4539.27' AND 112 JT'S 4.5" N-80 CASING TO CASING MANDREL HANGER (6.10'). RAN 3 TURBULIZERS, 1 - 5' ABOVE SHOE 1 EACH IN MIDDLE OF JTS 2 & 3. RAN 40 CENTRALIZERS STARTING ON JT. #4 EVERY THIRD UNTIL GONE. TAG BOTTOM W/ JOINT # 237 LAID IT DOWN. PICKED UP LANDING JOINT AND LANDED CASING W/ 85,000 ON HANGER.
05:00	06:00	1.0	CIRCULATE BOTTOMS UP WHILE RIGGING UP HALLIBURTON CEMENTERS. PREPARE TO CEMENT PRODUCTION CASING.
			NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS TOPICS: LD DP/ RUNNING CASING.
			FUEL ON HAND 2680 GL. USED 968 GAL.
			BOILER HRS USED 8, TOTAL HRS. 68 HRS.

**11-06-2010**      **Reported By**      DAVID GREESON

**Daily Costs: Drilling** \$38,133      **Completion** \$67,868      **Daily Total** \$106,001  
**Cum Costs: Drilling** \$651,045      **Completion** \$170,269      **Well Total** \$821,314  
**MD** 9,550    **TVD** 9,550    **Progress** 0    **Days** 7    **MW** 0.0    **Visc** 0.0  
**Formation :**                    **PBTD : 0.0**                    **Perf :**                    **PKR Depth : 0.0**

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

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE BOTTOMS UP WHILE RIGGING UP HALLIBURTON CEMENTERS. PREPARE TO CEMENT PRODUCTION CASING.
07:00	10:00	3.0	PJSM: TEST PUMP & LINES TO 5000 PSI & CEMENT CASING AS FOLLOWS; 20 BBLS MUD FLUSH, 10 BBLS FRESH WATER, MIX & PUMP 460 SKS.(151 BBLS) HIGHBOND LEAD CEMENT MIXED @ 12.0 PPG, 1.84 Y, 9.86 GAL/SK WATER. PLUS 1330 SKS (348 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 147 BBLS FRESH WATER @ 7.0 BPM AVERAGE, BUMP PLUG W/600 PSI OVER FCP OF 2800 PSI @ 4 BPM. HELD PRESSURE (3400 PSI) 2 MIN. RELEASED PRESSURE, FLOW BACK 2 BBLS. RE PRESSURED UP TO 2800 PSI FOR 1 HOURS. PLUG DOWN @ 09:40 HRS 11/05/2010. FULL RETURNS MUD ONLY DURING CEMENTING.
10:00	11:00	1.0	HELD 3100 PSI AND WAITED ONE HOUR BEFORE REMOVING CEMENTING HEAD.

11:00 12:00 1.0 SET PACK OFF RING ON CASING HANGER W/ FMC TECH HAND AND TESTED TO 5000PSI.  
 12:00 13:00 1.0 NIPPLE DOWN BOP AND CLEAN MUD PITS W/ REDI SERVICES VAC-TRUCK.  
 13:00 06:00 17.0 RIG DOWN ROTARY TOOL. MOVE RIG FROM THE HOSS 88-33 TO THE HOSS 71-33, 1.2 MILES.  
 TRANSFERRING 6 JT'S (242.49') OF 4.5" N-80 11.6# LTC PROD. CSG., 2 JT'S (21.66') OF 4.5" HCP-110 11.6# LTC  
 MARKER JT'S AND 2280 GL DIESEL FUEL TO THE HOSS 71-33. DERRICK LAYED OVER AT 14:00 11-5-10. RW  
 JONES TRUCKS SCHEDULED FOR 06:00 11-6-10.

NO ACCIDENTS OR INCIDENTS REPORTED.  
 SAFETY MEETINGS TOPICS: CEMENTING/RDRT.  
 FUEL ON HAND 2280 GL. USED 400 GAL.  
 NOTIFIED BLM AND UDOGM OF BOP TEST ON HOSS 71-33, 11-4-10.

06:00 RIG RELEASED @ 13:00 HRS, 11/5/10.  
 CASING POINT COST \$649,953

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<b>11-10-2010</b>	<b>Reported By</b>	SEARLE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$30,300	<b>Daily Total</b>	\$30,300						
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$200,569	<b>Well Total</b>	\$851,614						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	0	<b>Days</b>	8	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD :</b> 9498.0		<b>Perf :</b>	<b>PKR Depth :</b> 0.0							
<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 9480' TO 970' & 200' ACROSS CEMENT TOP @ 630'. RD SCHLUMBERGER.								

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<b>12-11-2010</b>	<b>Reported By</b>	MCCURDY									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$1,248	<b>Daily Total</b>	\$1,248						
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$201,817	<b>Well Total</b>	\$852,862						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	0	<b>Days</b>	9	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD :</b> 9498.0		<b>Perf :</b>	<b>PKR Depth :</b> 0.0							
<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.								

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<b>12-15-2010</b>	<b>Reported By</b>	MCCURDY									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$853	<b>Daily Total</b>	\$853						
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$202,670	<b>Well Total</b>	\$853,715						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	0	<b>Days</b>	10	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b> MESAVERDE	<b>PBTD :</b> 9498.0		<b>Perf :</b> 8776'-9283'	<b>PKR Depth :</b> 0.0							
<b>Activity at Report Time:</b> FRAC STAGE 3											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	FRAC TANKS PRE MIXED W/BIOCIDE (75) @ .05 GAL/M, WSI SCALE INHIBITOR (3730) @ 1 GAL/M.								

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STAGE 1. MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 9078'-79', 9085'-86', 9105'-06', 9120'-21', 9144'-45', 9156'-57', 9174'-75', 9181'-82', 9216'-17', 9221'-22', 9227'-28', 9244'-45', 9278'-79', 9282'-83' @ 2 SPF & 180 DEG PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7335 GAL 16# LINEAR W/9400# 20/40 SAND @ 1-1.5 PPG, 38980 GAL 16# DELTA 200 W/136200# 20/40 SAND @ 2-5 PPG. MTP 5935 PSIG. MTR 51.7 BPM. ATP 4549 PSIG. ATR 47.6 BPM. ISIP 2884 PSIG. RD HALLIBURTON.

STAGE 2. RUWL. SET 6K CFP AT 9013'. PERFORATE LPR FROM 8776'-77', 8790'-91', 8810'-11', 8823'-24', 8831'-32', 8844'-45', 8849'-50', 8854'-55', 8879'-80', 8949'-50', 8964'-65', 8969'-70', 8983'-84', 8991'-92' @ 2 SPF & 180 DEG PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7312 GAL 16# LINEAR W/9400# 20/40 SAND @ 1-1.5 PPG, 9425 GAL 8# LINEAR W/18850# 20/40 SAND @ 2 PPG. CUT SAND OVERFLUSH 50 BBLs. SD. FIX GEL UNIT. RESUME W/ 28812 GAL 16# DELTA 200 W/96400# 20/40 SAND @ 2-5 PPG. MTP 5550 PSIG. MTR 50.1 BPM. ATP 4787 PSIG. ATR 47.1 BPM. ISIP 3315 PSIG. RD HALLIBURTON. SDFN.

<b>12-16-2010</b>	<b>Reported By</b>	MCCURDY									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$1,678	<b>Daily Total</b>	\$1,678						
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$204,348	<b>Well Total</b>	\$855,393						
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	0	<b>Days</b>	11	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE / WASATCH</b>	<b>PBTD : 9498.0</b>		<b>Perf : 6586'-9283</b>			<b>PKR Depth : 0.0</b>					

**Activity at Report Time:** FRAC STAGE 11

Start	End	Hrs	Activity Description
06:00	06:00	24.0	STAGE 3. SICIP 2595 PSIG. RUWL. SET 6K CFP AT 8763'. PERFORATE MPR FROM 8521'-22', 8532'-33', 8556'-57', 8564'-65', 8572'-73', 8660'-61', 8679'-80', 8684'-85', 8690'-91', 8712'-13', 8718'-19', 8727'-28', 8738'-39', 8744'-45' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 24783 GAL 16# DELTA 200 W/54900# 20/40 SAND @ 1-3 PPG. MTP 6244 PSIG. MTR 49.6 BPM. ATP 5720 PSIG. ATR 43.5 BPM. ISIP 3735 PSIG. RD HALLIBURTON.

STAGE 4. RUWL. SET 6K CFP AT 8492'. PERFORATE MPR FROM 8240'-41', 8248'-49', 8259'-60', 8266'-67', 8280'-81', 8286'-87', 8364'-65', 8405'-06', 8415'-16', 8425'-26', 8434'-35', 8458'-59', 8465'-66', 8471'-72' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 49341 GAL 16# DELTA 200 W/156300# 20/40 SAND @ 2-5 PPG. MTP 6139 PSIG. MTR 49.6 BPM. ATP 5408 PSIG. ATR 47.5 BPM. ISIP 3330 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8212'. PERFORATE MPR FROM 8002'-03', 8012'-13', 8022'-23', 8030'-31', 8037'-38', 8049'-50', 8059'-60', 8085'-86', 8095'-96', 8118'-19', 8125'-26', 8176'-77', 8184'-85', 8190'-91' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7410 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 38885 GAL 16# DELTA 200 W/136100# 20/40 SAND @ 2-5 PPG. MTP 6005 PSIG. MTR 50.5 BPM. ATP 4492 PSIG. ATR 49.1 BPM. ISIP 2707 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7942'. PERFORATE UPR FROM 7653'-54', 7668'-69', 7673'-74', 7677'-78', 7767'-68', 7774'-75', 7823'-24', 7831'-32', 7846'-47', 7869'-70', 7898'-99', 7905'-06', 7910'-11', 7918'-19' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7382 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 32363 GAL 16# DELTA 200 W/112800# 20/40 SAND @ 2-5 PPG. MTP 5806 PSIG. MTR 50.1 BPM. ATP 48.7 PSIG. ATR 48.7 BPM. ISIP 2645 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 7630'. PERFORATE UPR FROM 7380'-81', 7388'-89', 7408'-09', 7442'-43', 7448'-49', 7475'-76', 7514'-15', 7520'-21', 7536'-37', 7542'-43', 7548'-49', 7596'-97', 7603'-04', 7608'-09' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7453 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 36955 GAL 16# DELTA 200 W/129600# 20/40 SAND @ 2-5 PPG. MTP 5273 PSIG. MTR 49.9 BPM. ATP 4054 PSIG. ATR 49.3 BPM. ISIP 2520 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 7350'. PERFORATE NH/UPR FROM 7108'-09', 7115'-16', 7124'-25', 7190'-91', 7196'-97', 7224'-25', 7232'-33', 7240'-41', 7267'-68', 7287'-88', 7295'-96', 7317'-18', 7324'-25', 7330'-31' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7391 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 33466 GAL 16# DELTA 200 W/116900# 20/40 SAND @ 2-5 PPG. MTP 4932 PSIG. MTR 49.8 BPM. ATP 4067 PSIG. ATR 49.3 BPM. ISIP 2610 PSIG. RD HALLIBURTON.

STAGE 9. RUWL. SET 6K CFP AT 7060'. PERFORATE Ba/NH FROM 6791'-92', 6845'-46', 6605'-06', 6609'-10', 6619'-20', 6621'-22', 6647'-49', 6690'-91', 6694'-95', 6725'-26', 6729'-30', 6733'-34', 6736'-37' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7442 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 28188 GAL 16# DELTA 200 W/96800# 20/40 SAND @ 2-5 PPG. MTP 5896 PSIG. MTR 49.5 BPM. ATP 4915 PSIG. ATR 49.2 BPM. ISIP 2835 PSIG. RD HALLIBURTON.

STAGE 10. RUWL. SET 6K CFP AT 6756'. PERFORATE Ba FROM 6586'-87', 6594'-95', 6605'-06', 6609'-10', 6619'-20', 6621'-22', 6647'-49', 6690'-91', 6694'-95', 6725'-26', 6729'-30', 6733'-34', 6746'-37' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 7437 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 28038 GAL 16# DELTA 200 W/90800# 20/40 SAND @ 2-4 PPG. MTP 6300 PSIG. MTR 49.8 BPM. ATP 4682 PSIG. ATR 48.4 BPM. ISIP 2150 PSIG. RD HALLIBURTON. SWIFN.

<b>12-17-2010</b>		<b>Reported By</b>		MCCURDY							
<b>Daily Costs: Drilling</b>	\$0			<b>Completion</b>	\$422,204			<b>Daily Total</b>	\$422,204		
<b>Cum Costs: Drilling</b>	\$651,045			<b>Completion</b>	\$626,552			<b>Well Total</b>	\$1,277,597		
<b>MD</b>	9,550	<b>TVD</b>	9,550	<b>Progress</b>	0	<b>Days</b>	12	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE / WASATCH</b>		<b>PBTD : 9498.0</b>		<b>Perf : 5527'-9283</b>				<b>PKR Depth : 0.0</b>			

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

Start	End	Hrs	Activity Description
06:00	06:00	24.0	STAGE 11. SICP 1252 PSIG. RUWL. SET 6K CFP AT 6574'. PERFORATE Ba FROM 6257'-58', 6267'-68', 6327'-28', 6333'-34', 6335'-36', 6338'-39', 6374'-75', 6388'-89', 6411'-12', 6476'-77', 6498'-99', 6512'-13', 6526'-27', 6557'-58' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 6385 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 20774 GAL 16# DELTA 200 W/67400# 20/40 SAND @ 2-4 PPG. MTP 5659 PSIG. MTR 50.6 BPM. ATP 3984 PSIG. ATR 48.8 BPM. ISIP 1535 PSIG. RD HALLIBURTON.

STAGE 12. RUWL. SET 6K CFP AT 6216'. PERFORATE Ca FROM 5874'-75', 5887'-88', 5934'-35', 5956'-57', 6040'-42', 6046'-47', 6052'-53', 6055'-56', 6122'-23', 6131'-32', 6174'-76', 6196'-97' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 6383 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 19391 GAL 16# DELTA 200 W/62000# 20/40 SAND @ 2-4 PPG. MTP 5923 PSIG. MTR 50.3 BPM. ATP 3945 PSIG. ATR 47.3 BPM. ISIP 1870 PSIG. RD HALLIBURTON.

STAGE 13. RUWL. SET 6K CFP AT 5680'. PERFORATE Ca FROM 5527'-28', 5529'-30', 5531'-32', 5533'-34', 5579'-80', 5582'-83', 5585'-86', 5588'-89', 5633'-34', 5636'-37', 5641'-42', 5643'-44' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/30 GAL BIOCID (AQUAR GA 50), 28414 GAL 16# DELTA 200 W/102500# 20/40 SAND @ 3-54PPG. MTP 3795 PSIG. MTR 50.5 BPM. ATP 2918 PSIG. ATR 49.3 BPM. ISIP 1863 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5437'. BLEND WELL TO 0 PSIG. RD MO CUTTERS WIRELINE & HALIBURTON SERVICES.

MIRUSU. HELD SAFETY MTG. ND FRAC TREE & NU BOPE. RIH W/3 7/8" HURRICANE MILL & PUMP OFF SUB TO 5370'. RU TO DRILL OUT PLUGS. SDFN.

<b>12-18-2010</b>		<b>Reported By</b>		HISLOP					
<b>Daily Costs: Drilling</b>	\$0			<b>Completion</b>	\$107,418			<b>Daily Total</b>	\$107,418
<b>Cum Costs: Drilling</b>	\$651,045			<b>Completion</b>	\$733,970			<b>Well Total</b>	\$1,385,015

**MD** 9,550 **TVD** 9,550 **Progress** 0 **Days** 13 **MW** 0.0 **Visc** 0.0  
**Formation** : MESAVERDE / **PBTD** : 9498.0 **Perf** : 5527'-9283 **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 @ 5437', 5680', 6216', 6574', 6756', 7060', 7350', 7630', 7942', 8212', 8492', 8763', & 9013'. CLEANED OUT TO 9388'. LANDED TUBING @ 7363' KB. ND BOP & NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 11 HRS. 24/64" CHOKE. FTP 700 PSIG, CP 800 PSIG. 77 BFPH. RECOVERED 847 BLW. 12853 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF BIT SUB 0.91'  
 1 JT 2-3/8" 4.7# N-80 TBG 31.40'  
 XN NIPPLE 1.30'  
 234 JTS 2-3/8" 4.7# N-80 TBG 7310.73'  
 BELOW KB 19.00'  
 LANDED @ 7363.34' KB

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**12-19-2010** **Reported By** HISLOP/DUANE COOK

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$3,070	<b>Daily Total</b>	\$3,070
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$737,040	<b>Well Total</b>	\$1,388,085

**MD** 9,550 **TVD** 9,550 **Progress** 0 **Days** 14 **MW** 0.0 **Visc** 0.0  
**Formation** : MESAVERDE / **PBTD** : 9498.0 **Perf** : 5527'-9283 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TESTING THROUGH TEST UNIT/INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 750 PSIG. CP 600 PSIG. 54 BFPH. RECOVERED 1324 BLW. 11529 BLWTR. 180 MCFD RATE.

06:00 INITIAL PRODUCTION. OPENING PRESSURE: TP 750 PSIG & CP 600 PSIG. TURNED WELL OVER TO QUESTAR SALES AT 11:00 HRS, 12/18/10. FLOWED 202 MCFD RATE ON 24/64" CHOKE. STATIC 180. QGM METER #8615.

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**12-20-2010** **Reported By** HISLOP

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,850	<b>Daily Total</b>	\$2,850
<b>Cum Costs: Drilling</b>	\$651,045	<b>Completion</b>	\$739,890	<b>Well Total</b>	\$1,390,935

**MD** 9,550 **TVD** 9,550 **Progress** 0 **Days** 15 **MW** 0.0 **Visc** 0.0  
**Formation** : MESAVERDE / **PBTD** : 9498.0 **Perf** : 5527'-9283 **PKR Depth** : 0.0  
 WASATCH

**Activity at Report Time:** FLOW TEST 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 800 PSIG. CP 600 PSIG. 50 BFPH. RECOVERED 1282 BLW. 10247 BLWTR. 240 MCFD RATE.

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 \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
HOSS 88-33

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

9. API Well No.  
43-047-40016

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **SESE 600FSL 859FEL 40.07088 N Lat, 109.32142 W Lon**  
 At top prod interval reported below **SESE 600FSL 859FEL 40.07088 N Lat, 109.32142 W Lon**  
 At total depth **SESE 600FSL 859FEL 40.07088 N Lat, 109.32142 W Lon**

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

14. Date Spudded  
10/12/2010 15. Date T.D. Reached  
11/04/2010 16. Date Completed  
 D & A  Ready to Prod.  
12/18/2010

17. Elevations (DF, KB, RT, GL)\*  
4971 GL

18. Total Depth: MD 9550 TVD 19. Plug Back T.D.: MD 9498 TVD 20. Depth Bridge Plug Set: MD TVD

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	36.0		2664		825		0	
7.875	4.500 N80	11.6		9541		1790		630	

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		7363						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7380	9283	7380 TO 9283			MESAVERDE
B) WASATCH	5527	7331	5527 TO 7331			WASATCH
C)						
D)						

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

Depth Interval	Amount and Type of Material
7380 TO 9283	267,834 GALS OF GELLED WATER & 792,150# 20/40 SAND
5527 TO 7331	193,489 GALS OF GELLED WATER & 581,100# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/18/2010	12/28/2010	24	→	40.0	661.0	470.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	SI 1050	2000.0	→	40	661	470		PGW	

28a. Production - Interval B

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

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #100651 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

RECEIVED  
JAN 20 2011

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	7380	9283		GREEN RIVER	1778
WASATCH	5527	7331		BIRDS NEST	2050
				MAHOGANY	2691
				UTELAND BUTTE	4738
				WASATCH	4946
				CHAPITA WELLS	5548
				BUCK CANYON	6238
				PRICE RIVER	7249

32. Additional remarks (include plugging procedure):  
ADDITIONAL FORMATION (LOG) MARKERS:

MIDDLE PRICE RIVER 7995  
LOWER PRICE RIVER 8784  
SEGO 9339

ATTACHMENT: REPORT OF WATER ENCOUNTERED DURING DRILLING

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 #100651 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 01/17/2011

*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.

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

FORM 7

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: HOSS 88-33

API number: 4304740016

Well Location: QQ SESE Section 33 Township 8S Range 23E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

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

Formation tops: 1 \_\_\_\_\_ 2 \_\_\_\_\_  
(Top to Bottom) 4 \_\_\_\_\_ 5 \_\_\_\_\_  
7 \_\_\_\_\_ 8 \_\_\_\_\_  
10 \_\_\_\_\_ 11 \_\_\_\_\_

**RECEIVED**  
3  
**JAN 20 2011**  
6  
**DIV. OF OIL, GAS & MINING**

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

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

NAME (PLEASE PRINT) MICHELLE ROBLES

TITLE REGULATORY ASSISTANT

SIGNATURE Michelle Robles

DATE 1/17/2011