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

FORM 3

AMENDED REPORT ☐

## APPLICATION FOR PERMIT TO DRILL

**1. WELL NAME and NUMBER**
Hoss 156-20

**2. TYPE OF WORK**
DRILL NEW WELL ■ REENTER P&A WELL ○ DEEPEN WELL ○

**3. FIELD OR WILDCAT**
UNDESIGNATED

**4. TYPE OF WELL**
Gas Well Coalbed Methane Well: NO

**5. UNIT or COMMUNITIZATION AGREEMENT NAME**

**6. NAME OF OPERATOR**
EOG Resources, Inc.

**7. OPERATOR PHONE**
435 781-9111

**8. ADDRESS OF OPERATOR**
1060 East Highway 40, Vernal, UT, 84078

**9. OPERATOR E-MAIL**
kaylene_gardner@eogresources.com

**10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)**
UTU77300

**11. MINERAL OWNERSHIP**
FEDERAL ■ INDIAN ○ STATE ○ FEE ○

**12. SURFACE OWNERSHIP**
FEDERAL ■ INDIAN ○ STATE ○ FEE ○

**13. NAME OF SURFACE OWNER (if box 12 = 'fee')**

**14. SURFACE OWNER PHONE (if box 12 = 'fee')**

**15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')**

**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**

**17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')**

**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS**
YES ○ (Submit Commingling Application) NO ■

**19. SLANT**
VERTICAL ■ DIRECTIONAL ○ HORIZONTAL ○

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---|---|---|---|---|---|---|
| LOCATION AT SURFACE | 1260 FSL 1826 FWL | SESW | 20 | 8.0 S | 24.0 E | S |
| Top of Uppermost Producing Zone | 1260 FSL 1826 FWL | SESW | 20 | 8.0 S | 24.0 E | S |
| At Total Depth | 1260 FSL 1826 FWL | SESW | 20 | 8.0 S | 24.0 E | S |

**21. COUNTY**
UINTAH

**22. DISTANCE TO NEAREST LEASE LINE (Feet)**
1260

**23. NUMBER OF ACRES IN DRILLING UNIT**
1589

**25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)**
6410

**26. PROPOSED DEPTH**
MD: 8580 TVD: 8580

**27. ELEVATION - GROUND LEVEL**
5152

**28. BOND NUMBER**
NM2308

**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE**
49-225

## ATTACHMENTS

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

- ☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**
- ☑ **COMPLETE DRILLING PLAN**
- ☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**
- ☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
- ☐ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**
- ☑ **TOPOGRAPHICAL MAP**

| | | |
|---|---|---|
| **NAME** Mary Maestas | **TITLE** Regulatory Assistant | **PHONE** 303 824-5526 |
| **SIGNATURE** | **DATE** 09/10/2009 | **EMAIL** mary_maestas@eogresources.com |

**API NUMBER ASSIGNED**
43047507490000

**APPROVAL**

Permit Manager

| Proposed Hole, Casing, and Cement | | | | | | |
|---|---|---|---|---|---|---|
| **String** | **Hole Size** | **Casing Size** | **Top (MD)** | **Bottom (MD)** | | |
| Surf | 12.25 | 9.625 | 0 | 2300 | | |
| **Pipe** | **Grade** | **Length** | **Weight** | | | |
| | Grade J-55 ST&C | 2300 | 36.0 | | | |
| | | | | | | |

| Proposed Hole, Casing, and Cement | | | | | | |
|---|---|---|---|---|---|---|
| **String** | **Hole Size** | **Casing Size** | **Top (MD)** | **Bottom (MD)** | | |
| Prod | 7.875 | 4.5 | 0 | 8580 | | |
| **Pipe** | **Grade** | **Length** | **Weight** | | | |
| | Grade N-80 LT&C | 8580 | 11.6 | | | |
| | | | | | | |

# DRILLING PLAN

## HOSS 156-20
## SE/SW, SEC. 20, T8S, R24E, S.L.B.&M..
## UINTAH COUNTY, UTAH

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

| FORMATION | TVD-RKB (ft) | Objective | Lithology | |
|---|---|---|---|---|
| Green River | 1,940 | | Shale | |
| Mahogany Oil Shale Bed | 2,482 | | Shale | |
| Wasatch | 4,529 | Primary | Sandstone | Gas |
| Chapita Wells | 5,142 | Primary | Sandstone | Gas |
| Buck Canyon | 5,808 | Primary | Sandstone | Gas |
| North Horn | 6,284 | Primary | Sandstone | Gas |
| KMV Price River | 6,600 | Primary | Sandstone | Gas |
| KMV Price River Middle | 7,168 | Primary | Sandstone | Gas |
| KMV Price River Lower | 7,887 | Primary | Sandstone | Gas |
| Sego | 8,372 | | Sandstone | |
| TD | 8,580 | | | |

**Estimated TD:** **8,580' or 200'± below TD** **Anticipated BHP: 4,685 Psig**

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

## 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig
BOP schematic diagrams attached.

## 4. CASING PROGRAM:

| CASING | Hole Size | Length | Size | WEIGHT | Grade | Thread | Rating Collapse | Factor Burst | Tensile |
|---|---|---|---|---|---|---|---|---|---|
| Conductor | 20" | 40 – 60' | 14" | 32.5# | A252 | | | 1880 PSI | 10,000# |
| Surface | 12 ¼" | 0 – 2,300' KB± | 9-⅝" | 36.0# | J-55 | STC | 2020 PSI | 3520 Psi | 394,000# |
| Production | 7-7/8" | Surface – TD | 4-½" | 11.6# | N-80 | LTC | 6350 PSI | 7780 Psi | 233,000# |
| | | | | | | | | | |

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

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

# DRILLING PLAN

## HOSS 156-20
## SE/SW, SEC. 20, T8S, R24E, S.L.B.&M..
## UINTAH COUNTY, UTAH

## 5. Float Equipment:

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

Guide Shoe
Insert Float Collar (PDC drillable)
Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

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

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

## 6. MUD PROGRAM

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

Air/air mist or aerated water.

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

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

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

# DRILLING PLAN

## HOSS 156-20
## SE/SW, SEC. 20, T8S, R24E, 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:

**Cased-hole Logs**: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: **CBL/CCL/VDL/GR**

# DRILLING PLAN

## HOSS 156-20
## SE/SW, SEC. 20, T8S, R24E, S.L.B.&M..
## UINTAH COUNTY, UTAH

## 9. CEMENT PROGRAM:

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

**Lead:** **185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% $CaCl_2$, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 $ft^3$/sk. yield, 23 gps water.

**Tail:** **207 sks** Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 $ft^3$/sk., 5.2 gps water.

**Top Out**: As necessary with Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 $ft^3$/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:** **123 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 $ft^3$/sk., 24.5 gps water.

**Tail:** **799 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 $ft^3$/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 156-20
## SE/SW, SEC. 20, T8S, R24E, S.L.B.&M..
## UINTAH COUNTY, UTAH

## 10. ABNORMAL CONDITIONS:

### Surface Hole (Surface - 2300'±):

Lost circulation

### Production Hole (2300'± - TD):

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

## 11. STANDARD REQUIRED EQUIPMENT:

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

## 12. HAZARDOUS CHEMICALS:

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

## 13. Air Drilling Operations:

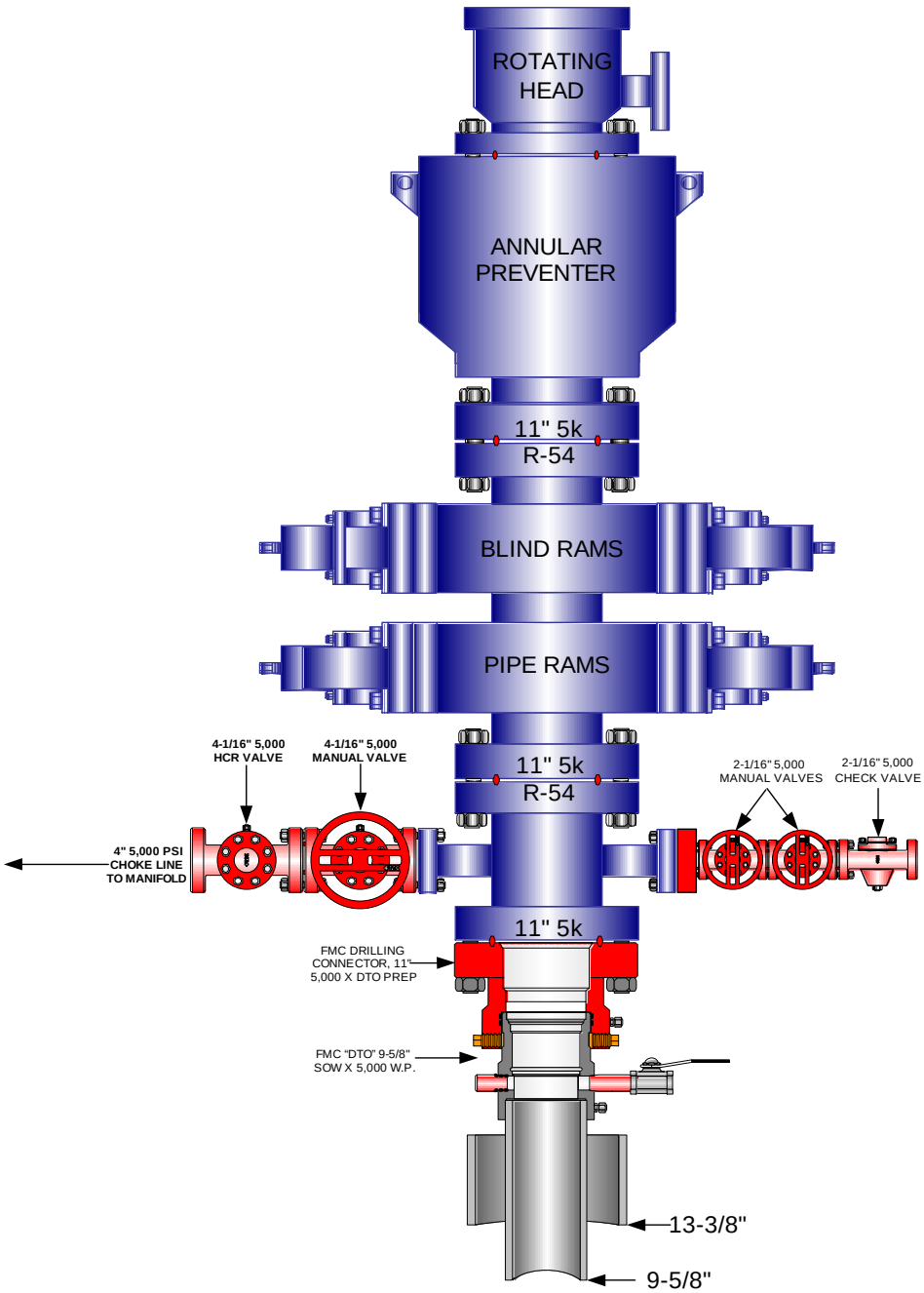
1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as 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)**

'APIWellNo:43047507490000'

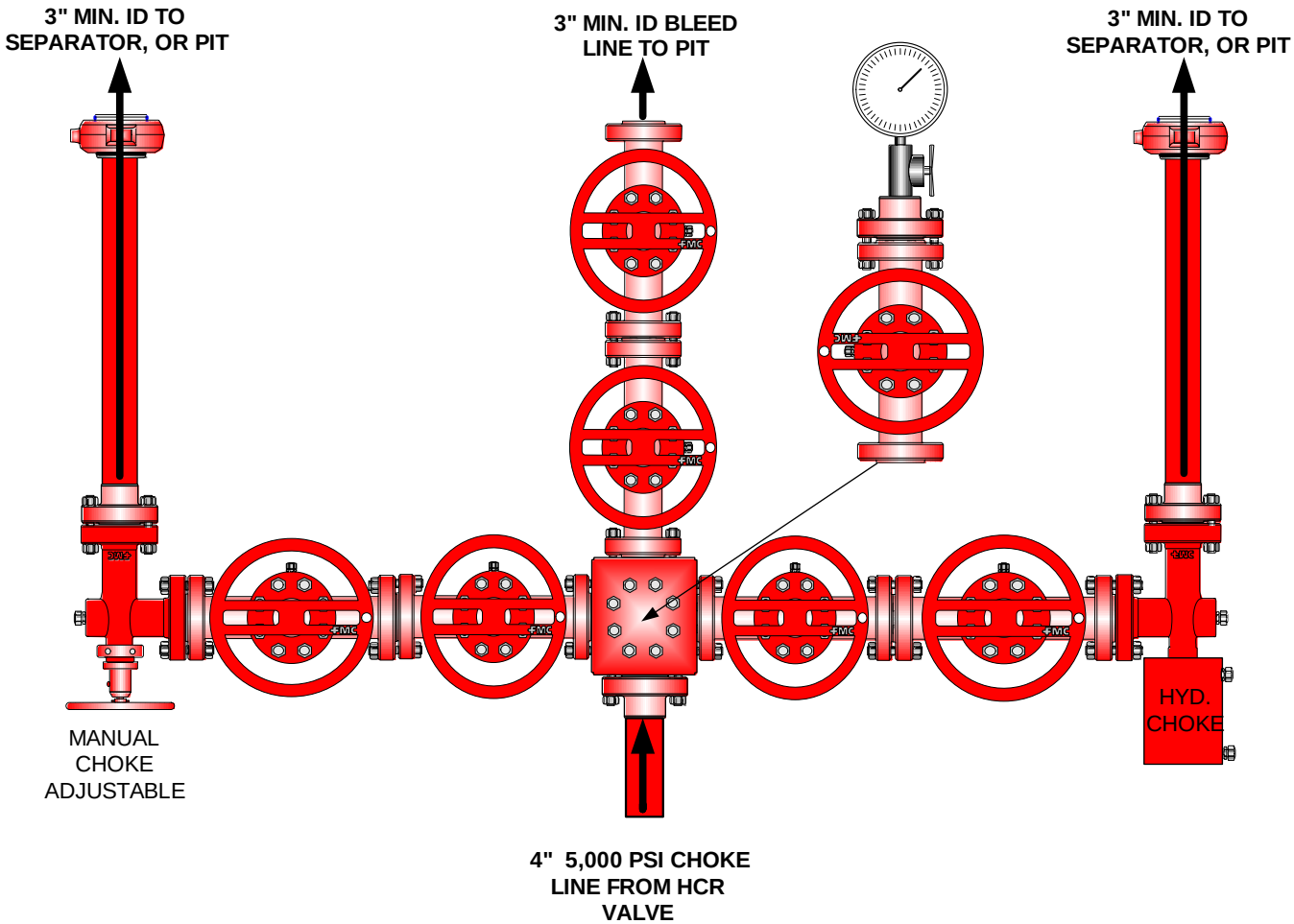
**EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION**





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






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 156-20*
# *SESW, Section 20, T8S, R24E*
# *Uintah County, Utah*

## *SURFACE USE PLAN*

**The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 1584 feet long with a 30-foot right-of-way, disturbing approximately 1.09 acres. New surface disturbance associated with the well pad and access road is estimated to be 3.34 acres. The pipeline is approximately 1720 feet long with a 40-foot temporary right-of-way and an 8-foot permanent right-of-way disturbing approximately 1.58 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 31.5 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 1584' in length; culverts will be installed on an as-needed basis. See attached Topo B.

B. The access road has a 30-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.

'APIWellNo:43047507490000'



I. A 30-foot permanent right-of-way is requested. No surfacing material will 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 then 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 30-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-77300.

## *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.

'APIWellNo:43047507490000'



## *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 1720’ x 40’. The proposed pipeline leaves the western edge of the well pad (Lease UTU-77300) proceeding in a northerly, then northwesterly, then northerly direction for an approximate distance of 1720’ tieing into a proposed pipeline for the Hoss 157-20. The proposed pipeline for the Hoss 157-20 traverses northwesterly, tieing into a proposed pipeline for the Hoss 152-20, traversing westerly, tieing into a proposed pipeline for the Hoss 139-19, traversing southwesterly, tieing into a proposed pipeline for the Hoss 150-19, traversing northwesterly, tieing into a proposed pipeline for the Hoss 136-19, traversing southerly, tieing into an existing pipeline for the Hoss 76-19 in the SWSW of Sec. 19, T8S, R24E. 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-77300.

7. The proposed pipeline route begins in the SESW of Section 20, Township 8S, Range 24E, proceeding northerly, then northwesterly, then northerly for an approximate distance of 1720’ to the NWSW of Section 20, Township 8S, Range 24E.

8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

'APIWellNo:43047507490000'



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)).

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 and dried in a cuttings pit. Dried cuttings shall be spread on the access road.

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 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, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or Hoss SWD Facility, right-of-way UTU 86010, UTU 897093 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.

'APIWellNo:43047507490000'



B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. 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 proposed location will be drilled utilizing a closed loop system.

'APIWellNo:43047507490000'



The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect 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 southwest.

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

## *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.

No seeding will occur due to the unique soil and topography of the location.

### *B. Dry Hole/Abandoned Location*

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

## *11. SURFACE OWNERSHIP:*

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;

'APIWellNo:43047507490000'



- 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, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

'APIWellNo:43047507490000'



A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on 1/7/2009. A paleontological survey was conducted and submitted by Intermountain Paleo on 3/6/2009.

**Additional Surface Stipulations:**

As per the onsite conducted on 6/25/2009, a T&E survey for sclerocactus will be conducted by Grasslands Consulting.

'APIWellNo:43047507490000'



### *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.

'APIWellNo:43047507490000'



**CERTIFICATION:**

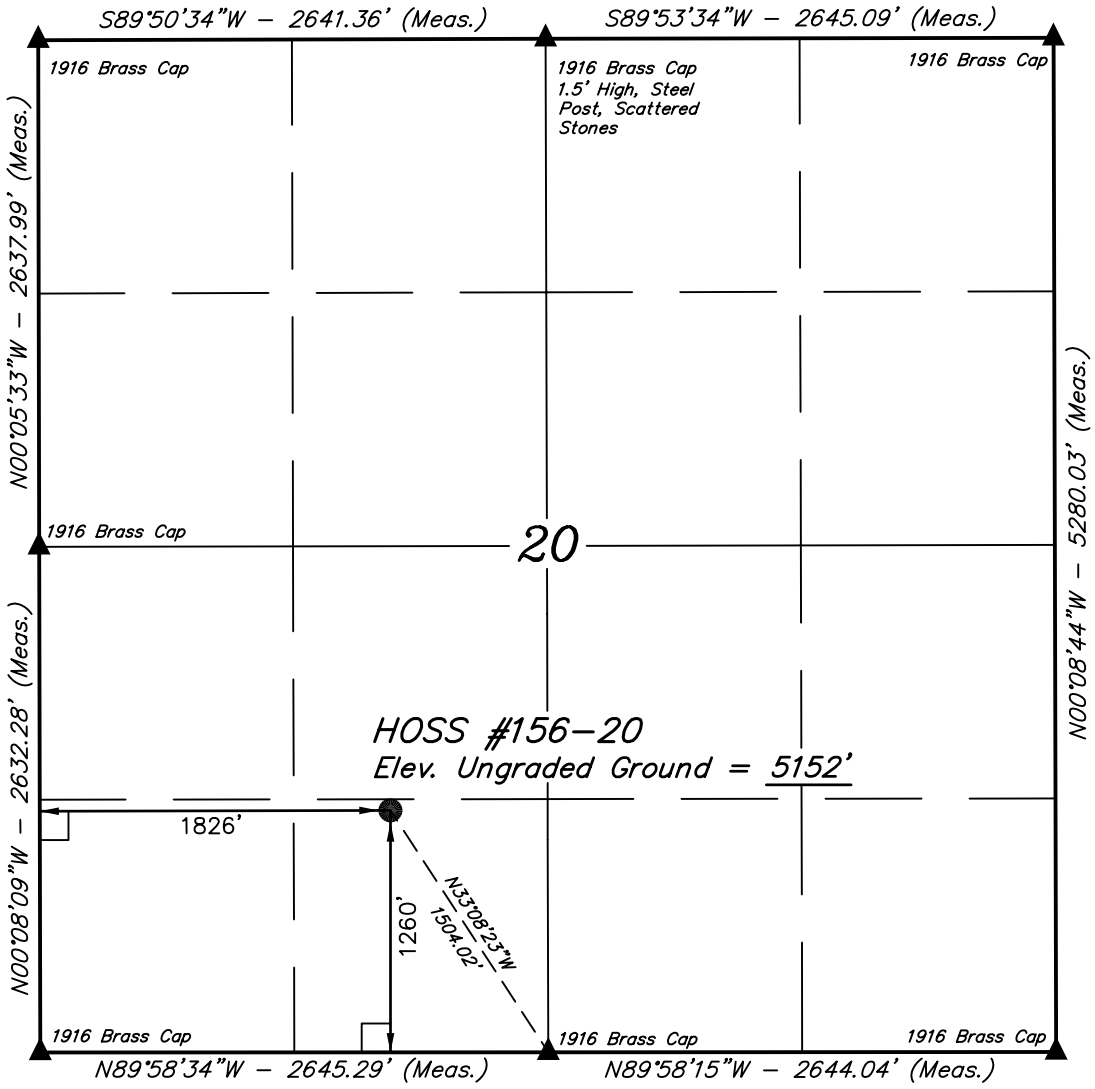
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated 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 156-20 Well, located in the SESW, of Section 20, T8S, R24E, 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.

September 10, 2009
Date

Mary A. Maestas, Regulatory Assistant

# T8S, R24E, S.L.B.&M.




## EOG RESOURCES, INC.

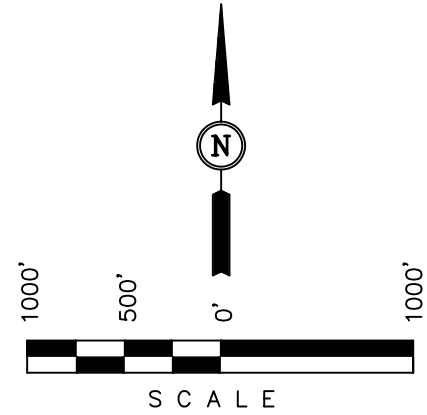
Well location, HOSS #156–20, located as shown in the SE 1/4 SW 1/4 of Section 20, T8S, R24E, S.L.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH 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 5132 FEET.

## BASIS OF BEARINGS

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




## CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

## LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°06'15.37" (40.104269)
LONGITUDE = 109°14'27.25" (109.240903)
(NAD 27)
LATITUDE = 40°06'15.49" (40.104303)
LONGITUDE = 109°14'24.81" (109.240225)

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

| | | |
|---|---|---|
| SCALE 1" = 1000' | DATE SURVEYED: 10–09–08 | DATE DRAWN: 10–21–08 |
| PARTY D.G. F.Y. E.M. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE EOG RESOURCES, INC. | |

'API Well No: 43047507490000'

'APIWellNo:43047507490000'

# EOG RESOURCES, INC.

## HOSS #156-20

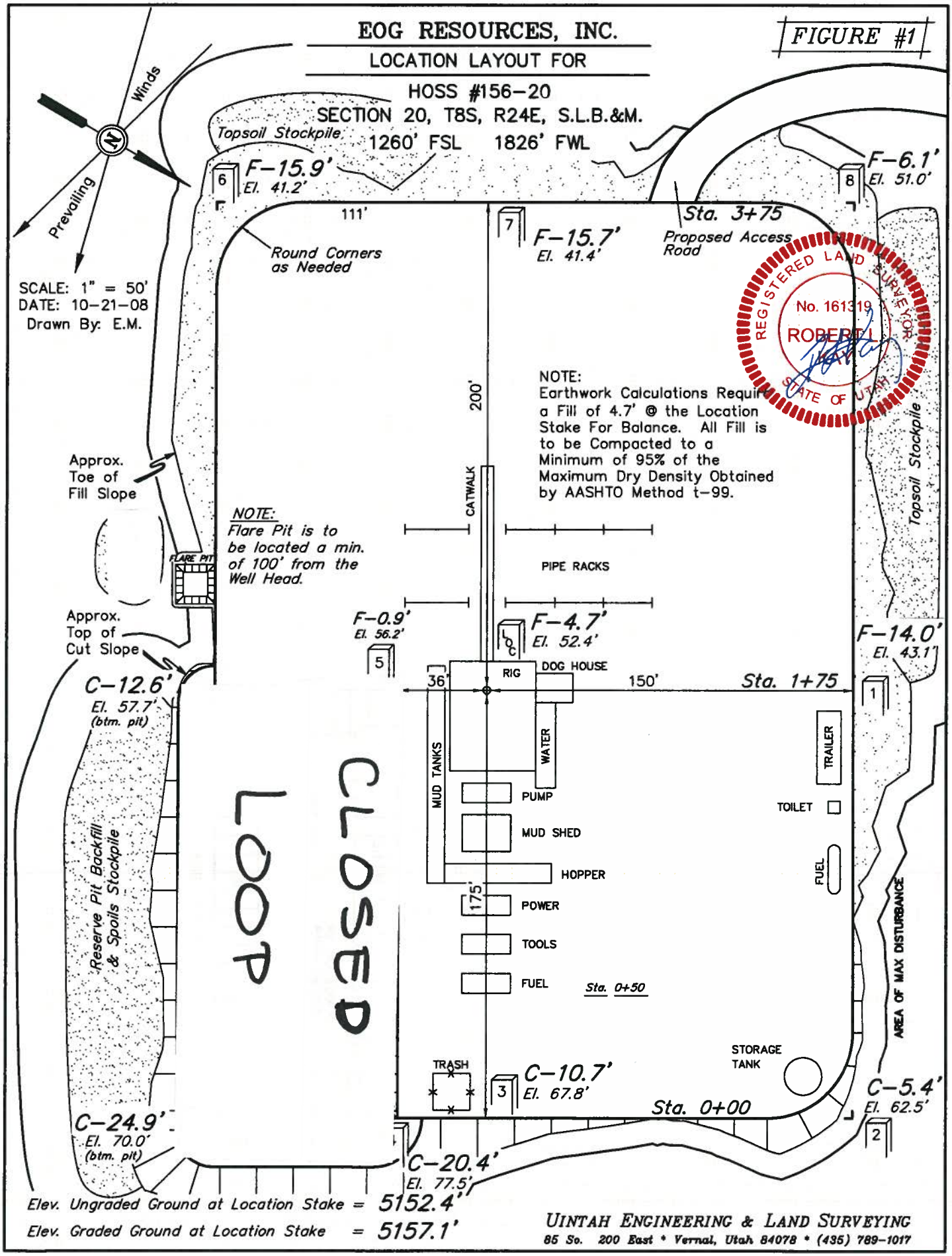
**LOCATED IN UINTAH COUNTY, UTAH**
**SECTION 20, T8S, R24E, S.L.B.&M.**

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE — CAMERA ANGLE: NORTHWESTERLY

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS — CAMERA ANGLE: SOUTHERLY


- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813


| LOCATION PHOTOS | MONTH 10 | DAY 22 | YEAR 08 | PHOTO |
|---|---|---|---|---|
| TAKEN BY: D.G. | DRAWN BY: J.H. | REVISED: 00-00-00 | | |




'API WellNo:43047507490000'

'APIWellNo:43047507490000'

# EOG RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

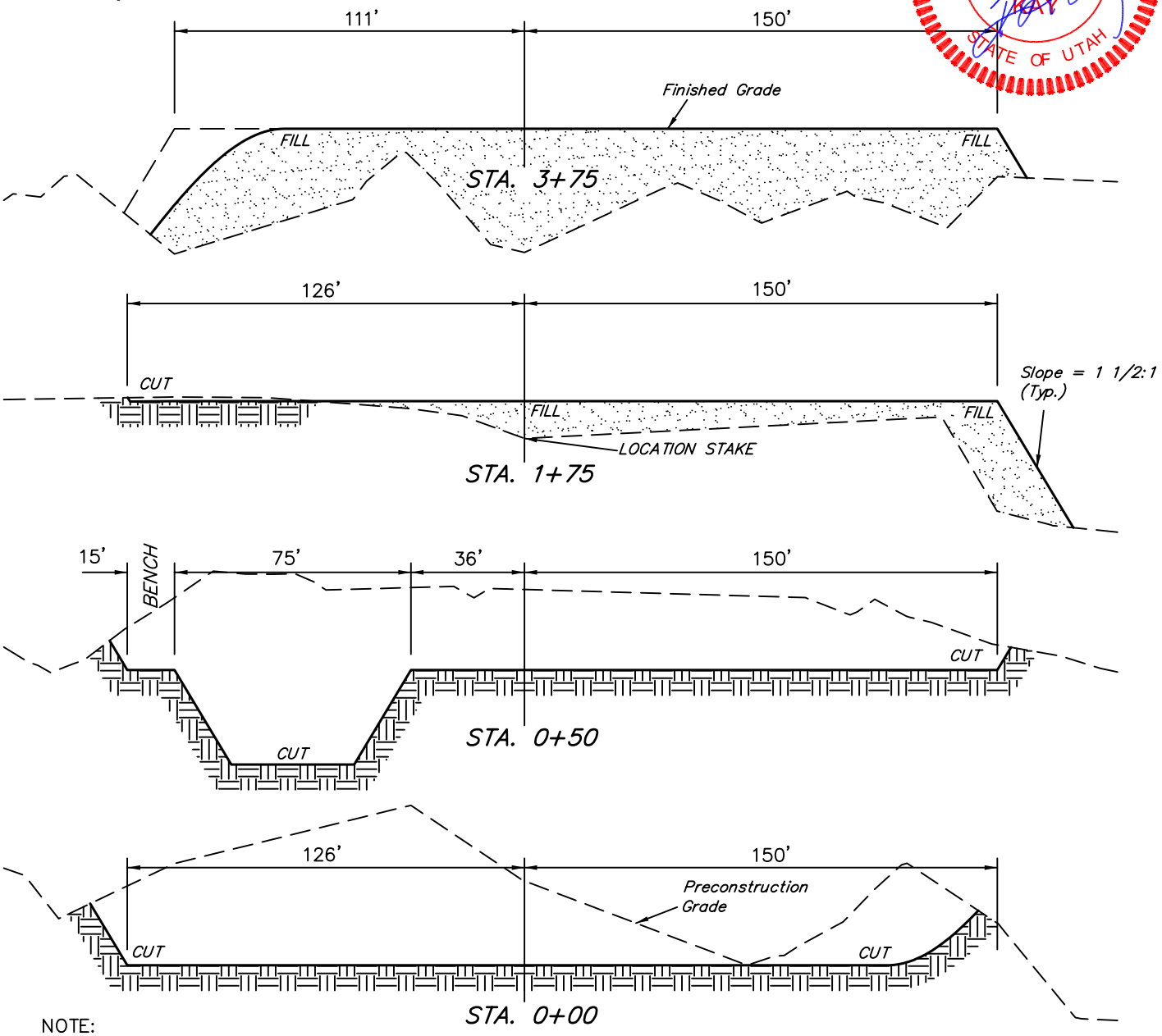
HOSS #156-20
SECTION 20, T8S, R24E, S.L.B.&M.
1260' FSL 1826' FWL

FIGURE #2

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

DATE: 10-21-08
Drawn By: E.M.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH




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

### APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ±3.586 ACRES
ACCESS ROAD DISTURBANCE = ±1.097 ACRES
PIPELINE DISTURBANCE = ±1.185 ACRES
TOTAL = ±5.868 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,310 Cu. Yds.
Remaining Location = 18,130 Cu. Yds.

TOTAL CUT = 20,440 CU.YDS.
FILL = 16,110 CU.YDS.

EXCESS MATERIAL = 4,330 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 4,330 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

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

'APIWellNo:43047507490000'

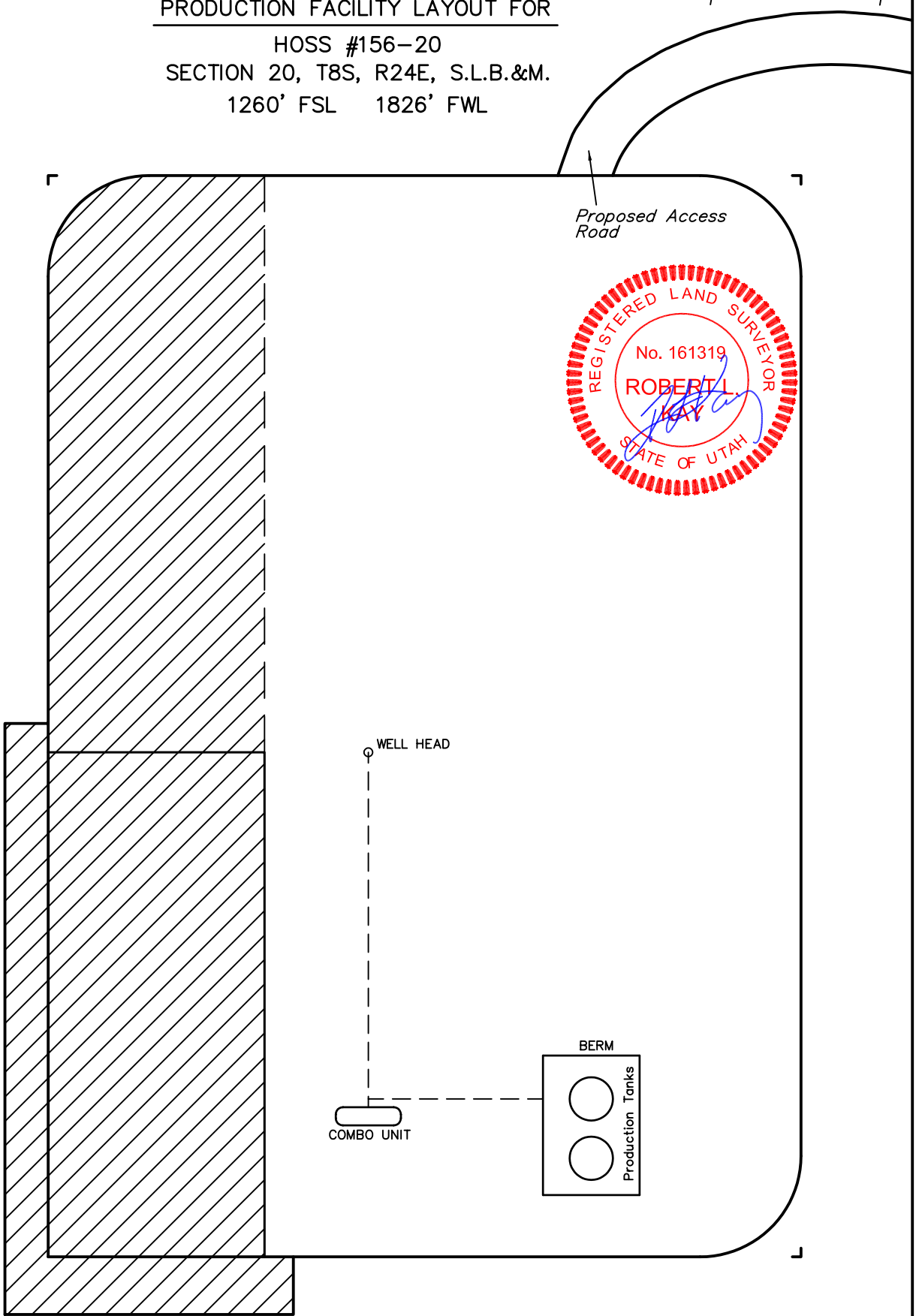
# EOG RESOURCES, INC.

## PRODUCTION FACILITY LAYOUT FOR

HOSS #156-20
SECTION 20, T8S, R24E, S.L.B.&M.
1260' FSL 1826' FWL

FIGURE #3

SCALE: 1" = 50'
DATE: 10-21-08
Drawn By: E.M.




RE-HABED AREA

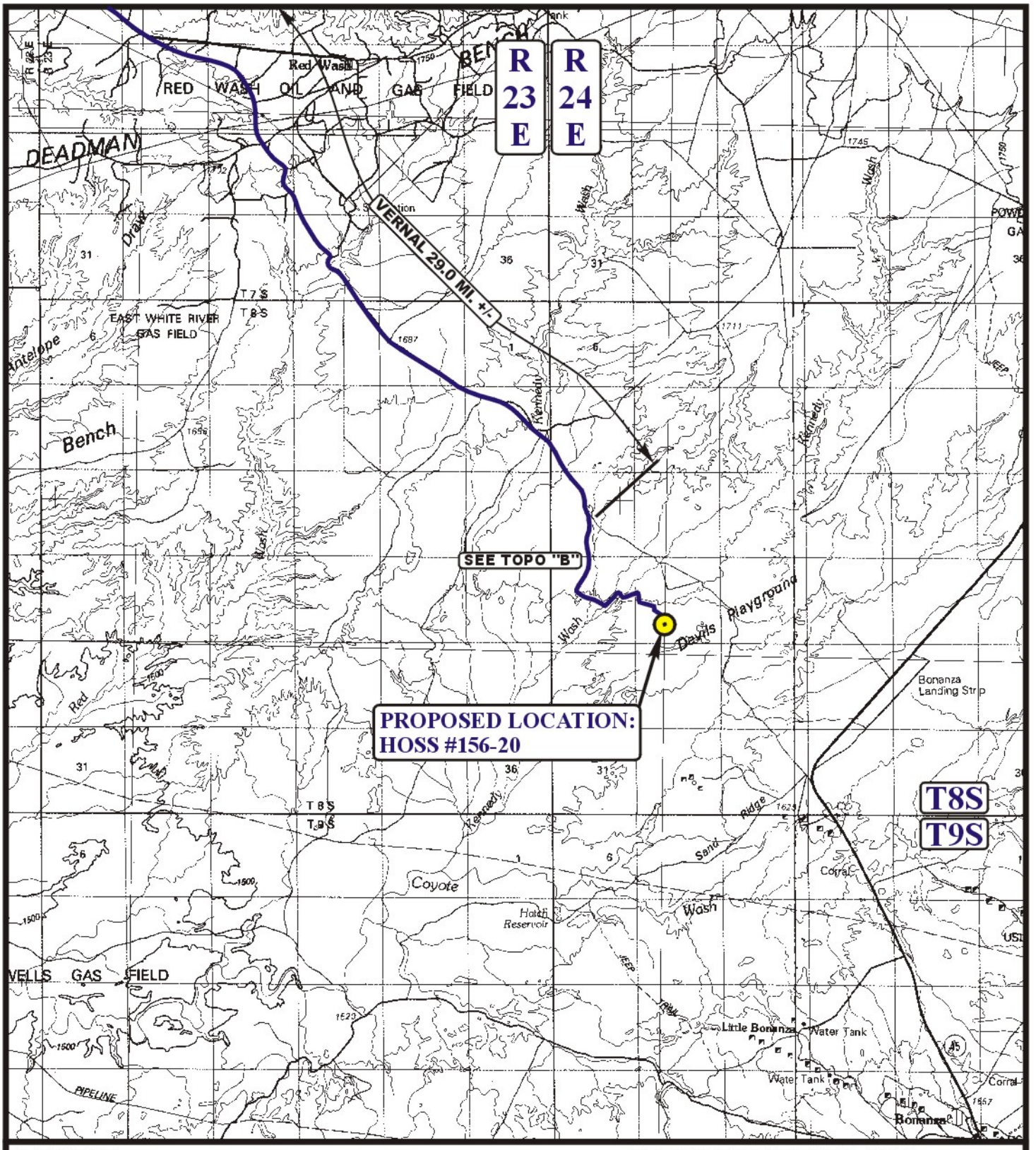
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

# EOG RESOURCES, INC.
## HOSS #156-20
## SECTION 20, T8S, R24E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 25.1 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #150-19 TO THE SOUTHEASTERLY; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #139-19 TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #152-20 TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #157-20 TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY, THEN SOUTHEASTERLY DIRCTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 31.5 MILES.

'APIWellNo:43047507490000'




**LEGEND:**

PROPOSED LOCATION

N

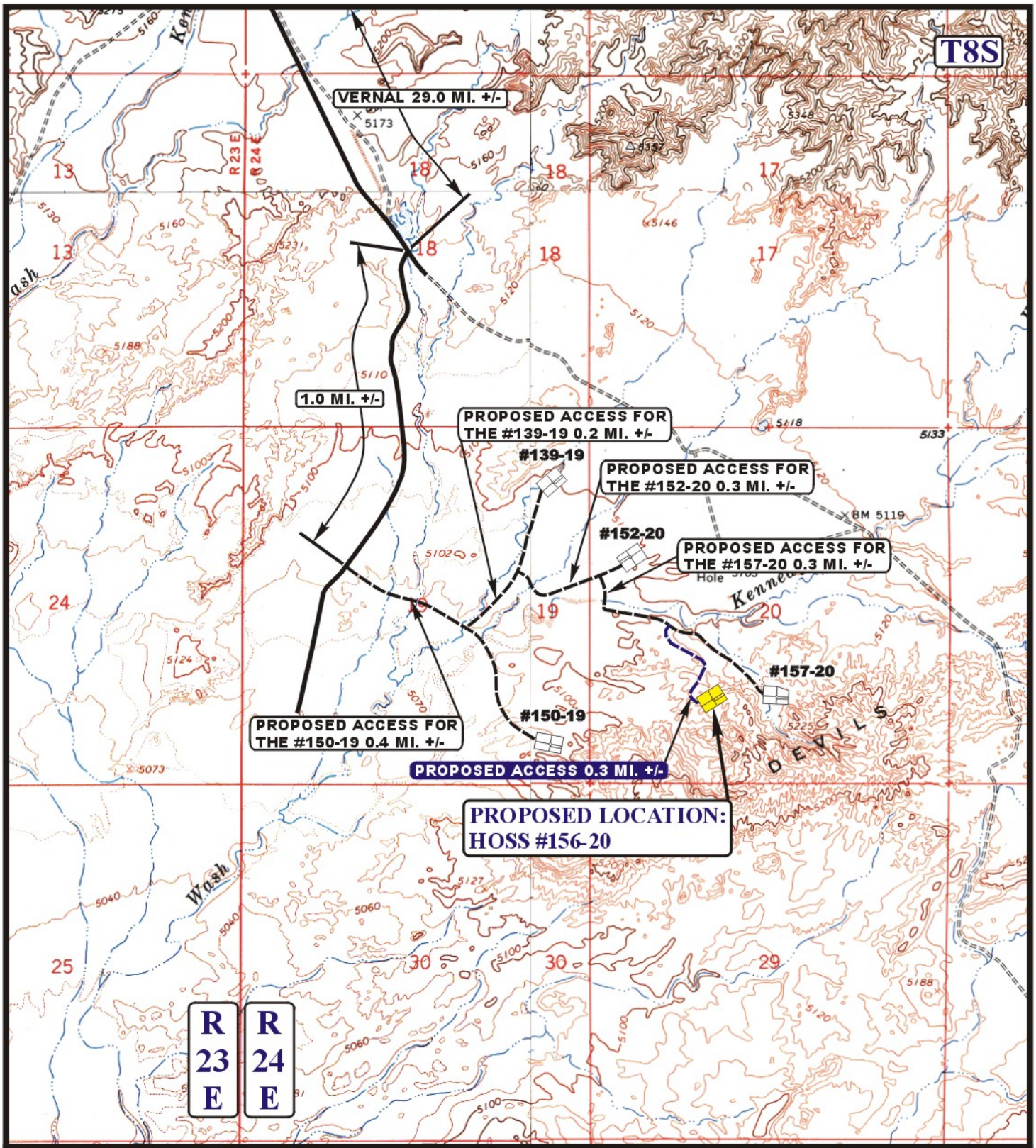
**EOG RESOURCES, INC.**

**HOSS #156-20**
**SECTION 20, T8S, R24E, S.L.B.&M.**
**1260' FSL 1826' FWL**


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


| TOPOGRAPHIC MAP | 10 MONTH | 22 DAY | 08 YEAR | A TOPO |
|---|---|---|---|---|
| SCALE: 1:100,000 | DRAWN BY: J.H. | REVISED: 00-00-00 | | |

'APIWellNo:43047507490000'




**LEGEND:**

EXISTING ROAD
PROPOSED ACCESS ROAD

N

**EOG RESOURCES, INC.**

**HOSS #156-20**
**SECTION 20, T8S, R24E, S.L.B.&M.**
**1260' FSL 1826' FWL**


Uintah Engineering & Land Surveying
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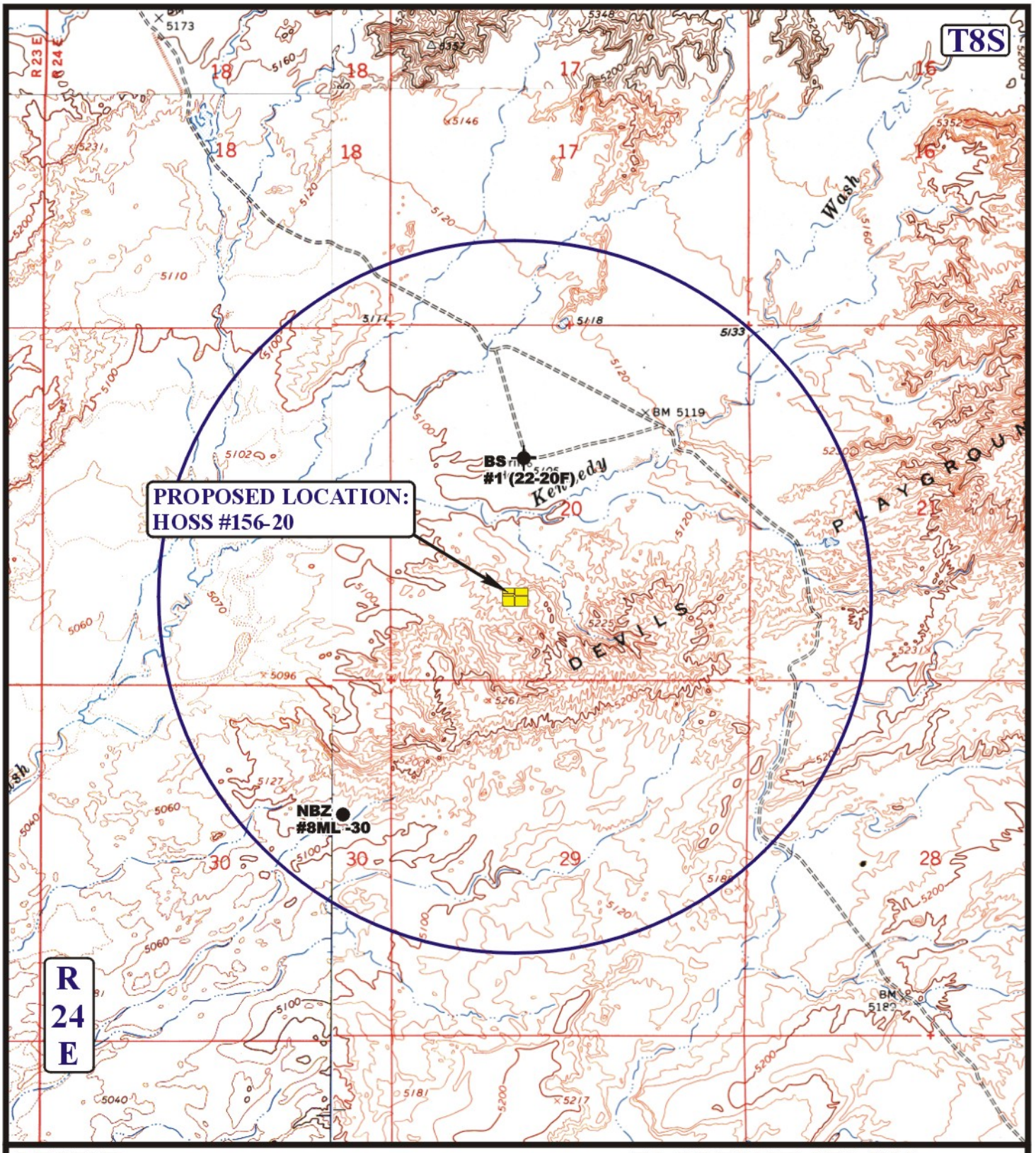
| TOPOGRAPHIC MAP | 10 MONTH | 22 DAY | 08 YEAR | B TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: J.H. | REVISED: 00-00-00 | | |

'APIWellNo:43047507490000'




**LEGEND:**

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

N

**EOG RESOURCES, INC.**

**HOSS #156-20**
**SECTION 20, T8S, R24E, S.L.B.&M.**
**1260' FSL 1826' FWL**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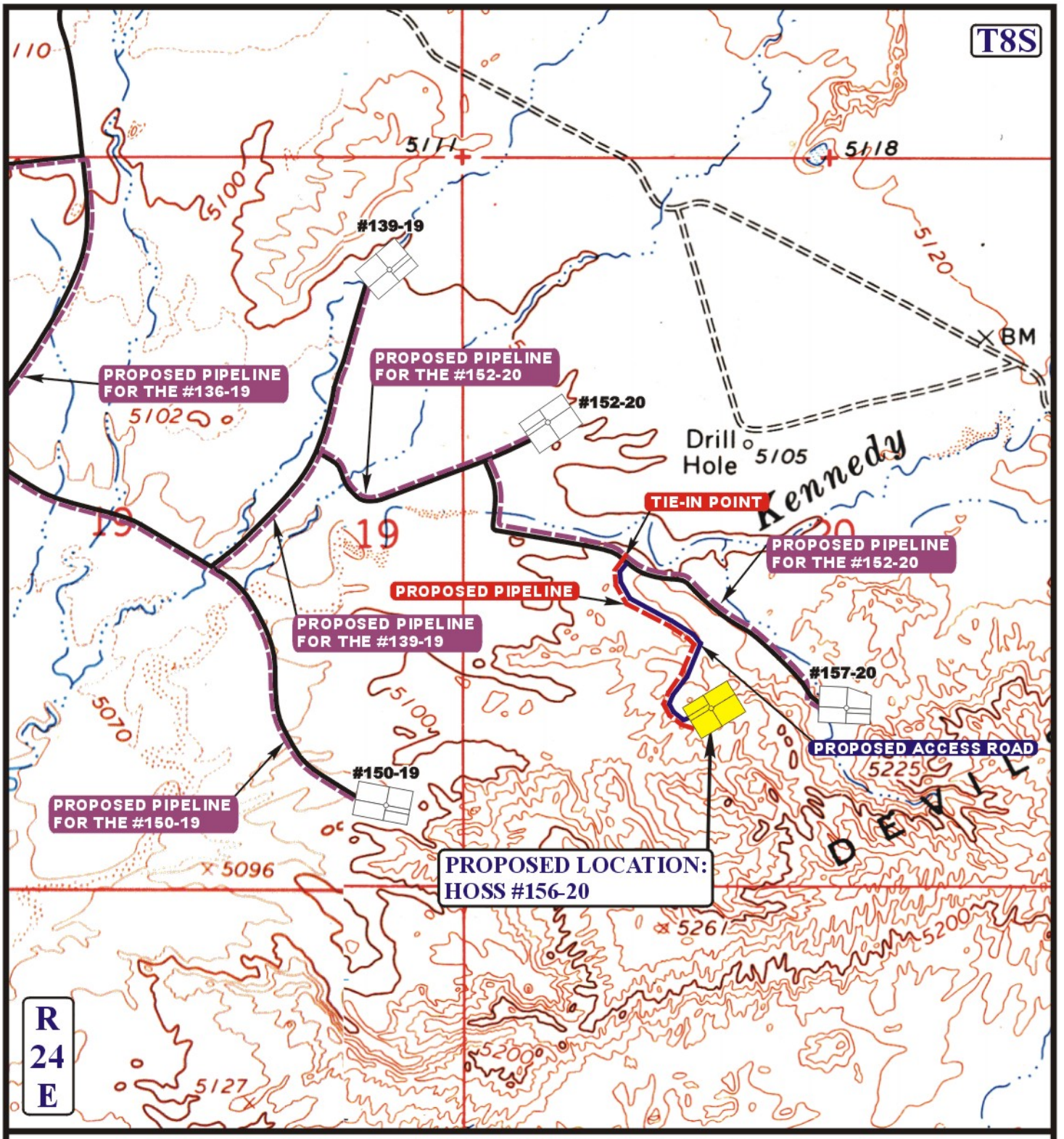
| TOPOGRAPHIC MAP | 10 MONTH | 22 DAY | 08 YEAR | C TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: J.H. | REVISED: 00-00-00 | | |

'APIWellNo:43047507490000'




APPROXIMATE TOTAL PIPELINE DISTANCE = 1,720' +/-

**LEGEND:**

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

N

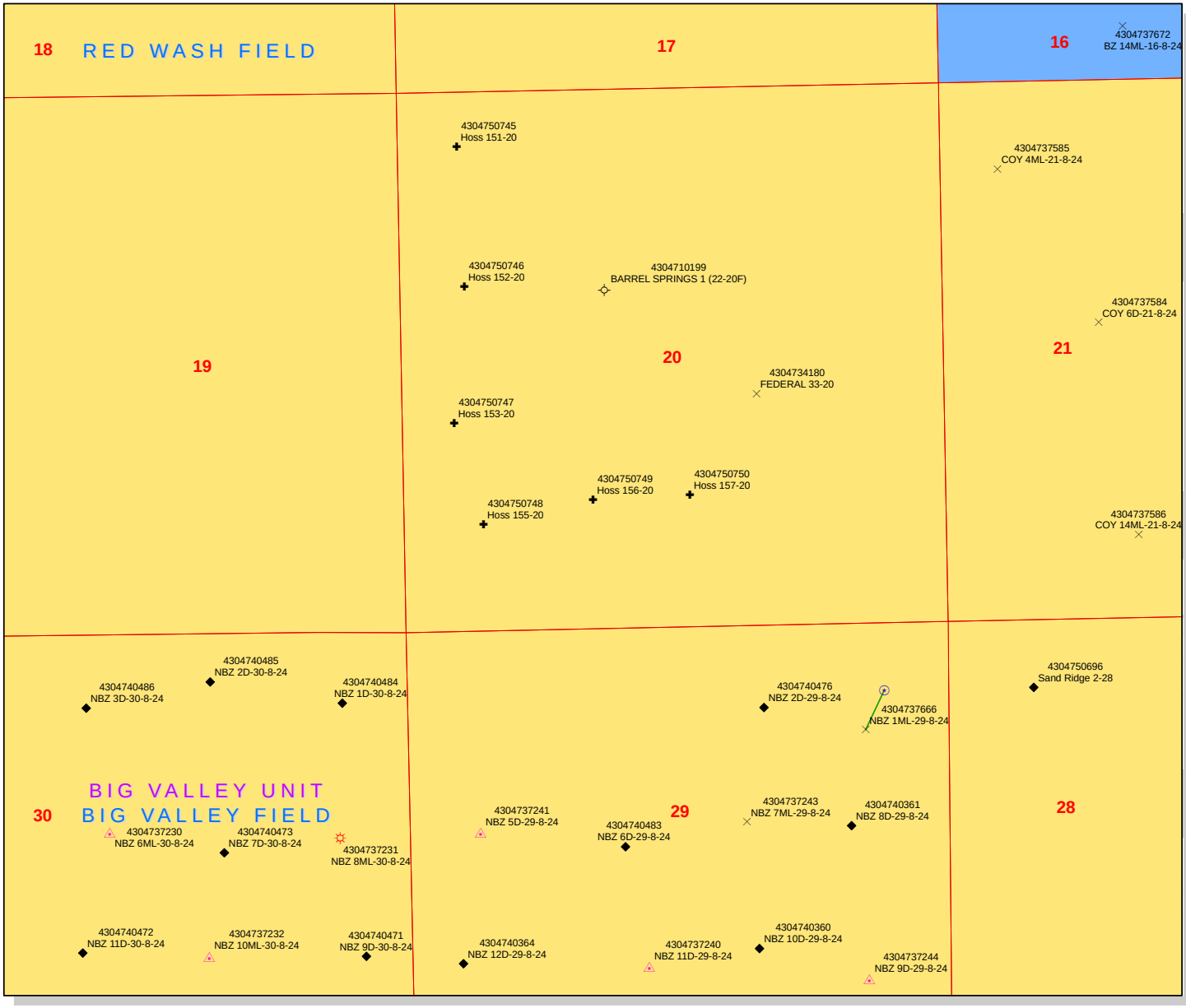
**EOG RESOURCES, INC.**

**HOSS #156-20**
**SECTION 20, T8S, R24E, S.L.B.&M.**
**1260' FSL 1826' FWL**


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


| TOPOGRAPHIC MAP | 10 MONTH | 22 DAY | 08 YEAR | D TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: J.H. | REVISED: 00-00-00 | | |

'APIWellNo:4304750749000'




**API Number: 4304750749**

**Well Name: Hoss 156-20**

**Township 08.0 S Range 24.0 E Section 20**

**Meridian: SLBM**

Operator: EOG RESOURCES, INC.

Map Prepared:
Map Produced by Diana Mason

**Units**
**STATUS**
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

**Fields**
**STATUS**
ACTIVE
COMBINED
Sections

**Wells Query Events**
<all other values>

**GIS_STAT_TYPE**
<Null>
APD
DRL
GI
GS
LA
NEW
OPS
PA
PGW
POW
RET
SGW
SOW
TA
TW
WD
WI
WS

N

1,200 600 0 1,200 Feet

1:12,000

'APIWellNo:43047507490000'

eog resources

**EOG Resources, Inc.**
*600 Seventeenth Street*
*Suite 1000N*
*Denver, CO 80202*
*Main: 303-572-9000*
*Land Fax: 303-824-5401*

April 13, 2010

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

2018

Attention: Ms. Diana Mason

RE: Request for Exception to Location and Siting of Wells
**Hoss 156-20**
SESW of Sec. 20-8S-24E, SLM
Uintah County, Utah
Ponderosa Prospect
59977-G06, 0079095-000

Ladies and Gentlemen:

EOG Resources, Inc. ("EOG") proposes and respectfully requests permission to drill the Hoss 156-20, an 8,580' Wasatch/Mesaverde test well, at a location 1,260' FSL, 1,826' FWL, (SE/4SW/4) of Section 20, Township 8 South, Range 24 East, SLM, Uintah County, Utah, which is not a location at which a well could be drilled in compliance with General Rule R649-3-2.

EOG endeavored to stake the Hoss 156-20 well at a legal location in accordance with General Rule R649-3-2, but found that a legal location could not be found due to topography. Therefore, EOG is requesting this exception location.

Enclosed is a copy of the survey plat for the proposed well and another plat labeled Exhibit "A" which depicts the outlines of the 40-acre drilling units established in General Rule R649-3-2 and the location at which EOG requests permission to drill the proposed Hoss 156-20 well. There are no other owners within the 460' radius of the proposed Hoss 156-20 well (see enclosed Exhibit "B").

EOG respectfully requests the Utah Division of Oil, Gas and Mining review and grant administrative approval of this application for an exception well location and permission to drill the proposed Wasatch/Mesaverde formation well described herein at its earliest opportunity.

RECEIVED
APR 15 2010
DIV. OF OIL, GAS & MINING

'APIWellNo:43047507490000'



If you have any questions or need any additional information, please do not hesitate to contact the undersigned.

Yours very truly,

**EOG RESOURCES, INC.**

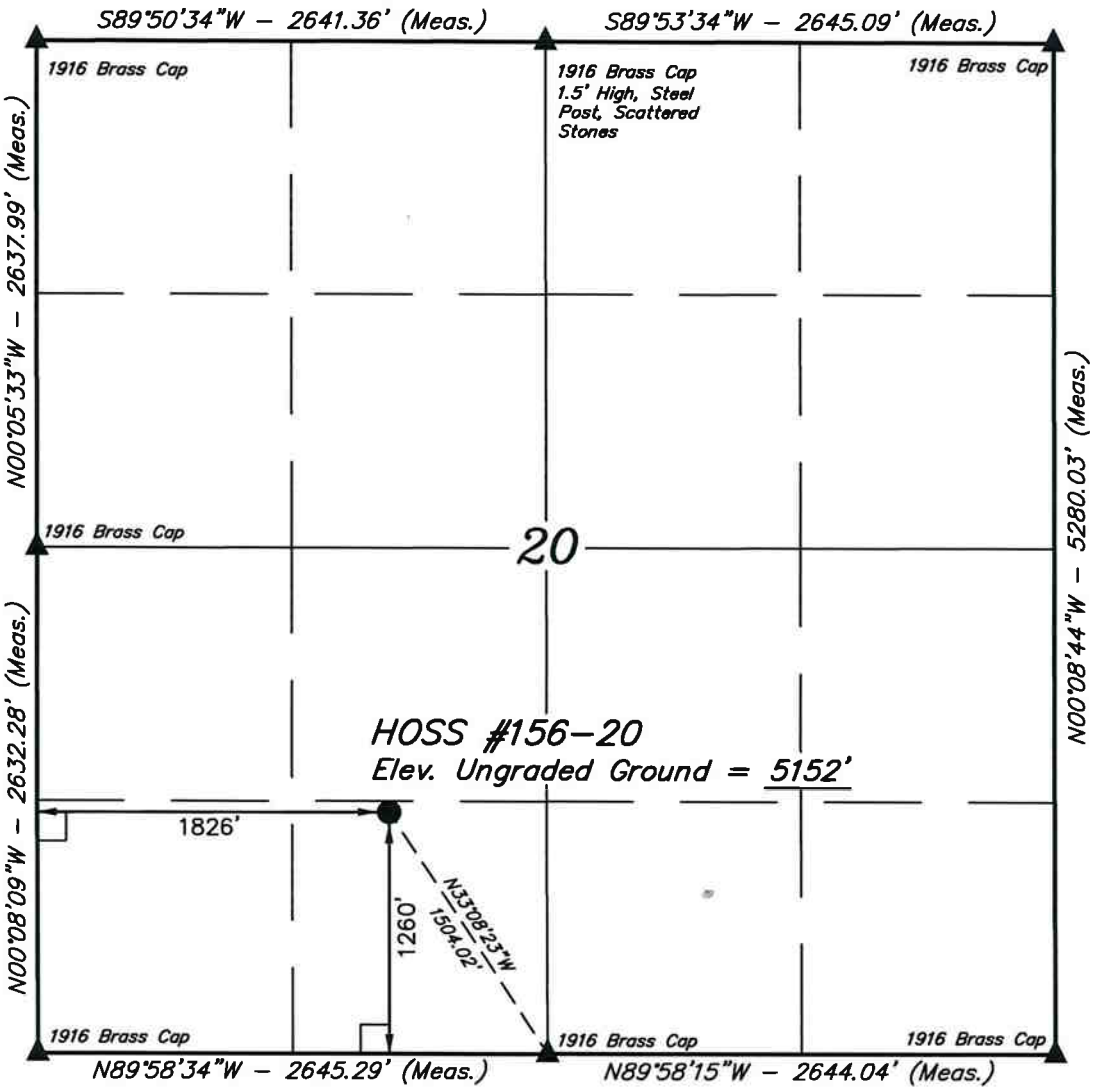
Debbie Spears

Debbie Spears
Land Associate

/das
Enclosures
M:\das\exceptionlocation\hoss156-20.doc

cc: Kaylene Gardner (with copies of enclosures)
Denver Well File (with copies of enclosures)

# T8S, R24E, S.L.B.&M.




## EOG RESOURCES, INC.

Well location, HOSS #156–20, located as shown in the SE 1/4 SW 1/4 of Section 20, T8S, R24E, S.L.B.&M., Uintah County, Utah.

### BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH 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 5132 FEET.

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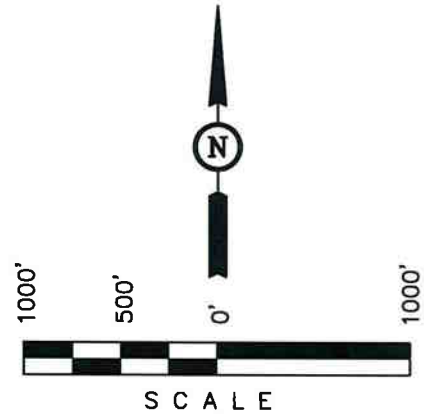


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REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

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LONGITUDE = 109°14'27.25" (109.240903)
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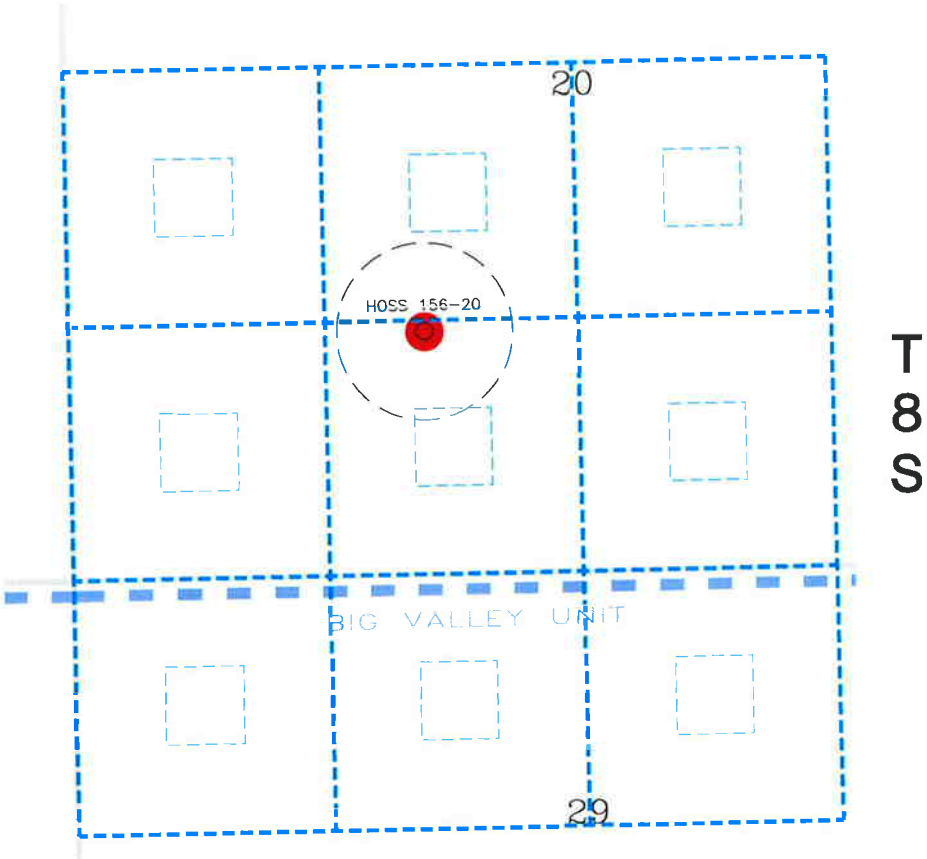
**UINTAH ENGINEERING & LAND SURVEYING**
*85 SOUTH 200 EAST – VERNAL, UTAH 84078*
(435) 789–1017

| | | |
|---|---|---|
| SCALE 1" = 1000' | DATE SURVEYED: 10–09–08 | DATE DRAWN: 10–21–08 |
| PARTY D.G. F.Y. E.M. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE EOG RESOURCES, INC. | |

'API Well No: 43047507490000'

'APIWellNo:43047507490000'

R 24 E




Oil or Gas Well Location Pattern pursuant to Utah Administrative Code Rule R 649-3-2

Legal window within which an oil and gas well could be drilled in compliance with R 649-3-2.

460' Radius

Locations at which oil or gas wells have been drilled

Location at which applicant requests permission to drill the proposed Hoss 156-20 Well:
1260' FSL, 1826' FWL (SESW) of Sec. 20, T8S, R24E

Scale: 1"=1000'

0 1/4 1/2 Mile

N

**Exhibit "A"**

**eog resources**

Denver Division

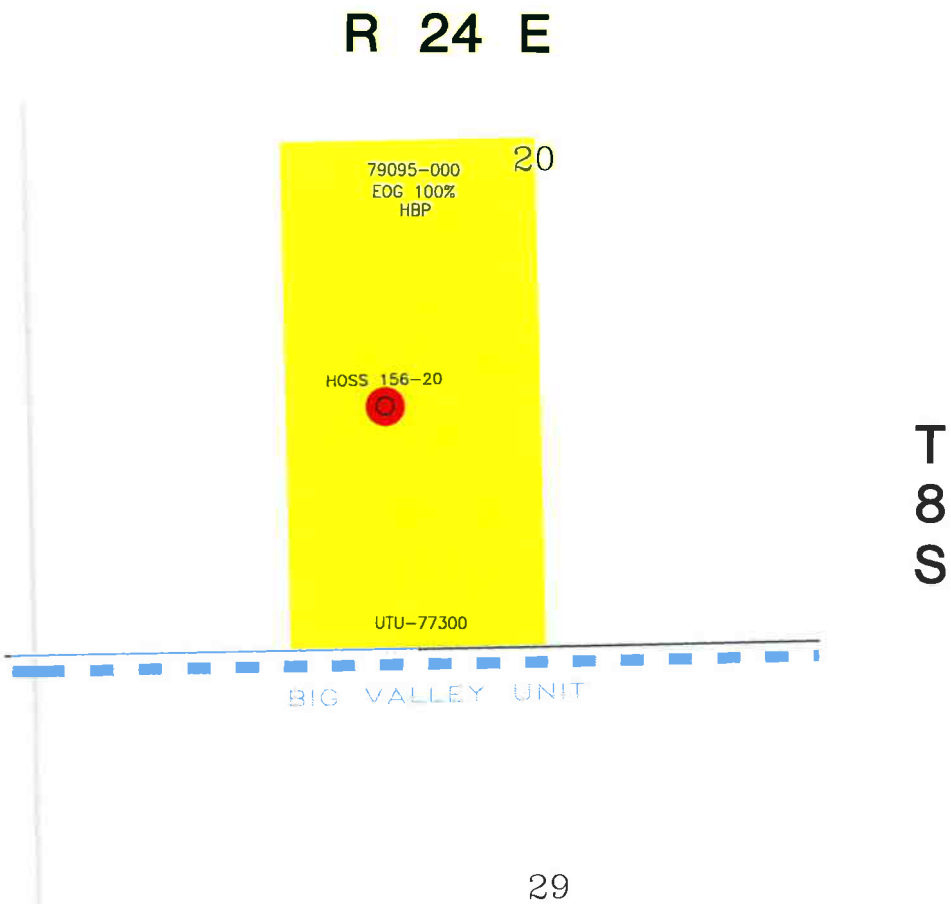
Application for
Exception Well Location

**HOSS 156-20 WELL**

UINTAH COUNTY, UTAH

| Scale: 1"=1000' | D:\utah\exception_plats\Hoss156-20exc.dwg exc_A_40 | Author gt | Apr 12, 2010 - 1:47pm |
|---|---|---|---|

'APIWellNo:43047507490000'




EOG 100% W.I.

Location at which applicant requests permission to drill the proposed Hoss 156-20 Well:
1060' FSL, 1826' FWL (SESW) of Sec. 20, T8S, R24E

Exhibit "B"

Scale: 1"=1000'

0 1/4 1/2 Mile

N

eog resources
Denver Division

Application for
Exception Well Location
HOSS 156-20 WELL
UINTAH COUNTY, UTAH

| Scale: 1"=1000' | D:\utah\exception_plats\ Hoss156-20exc.dwg exc_B_40 | Author | Apr 12, 2010 - 1:43pm |
|---|---|---|---|

# WORKSHEET
# APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 9/10/2009
**API NO. ASSIGNED:** 43047507490000
**WELL NAME:** Hoss 156-20
**OPERATOR:** EOG Resources, Inc. (N9550)
**PHONE NUMBER:** 303 824-5526
**CONTACT:** Mary Maestas

**PROPOSED LOCATION:** SESW 20 080S 240E
**Permit Tech Review:** ☑

**SURFACE:** 1260 FSL 1826 FWL
**Engineering Review:** ☐

**BOTTOM:** 1260 FSL 1826 FWL
**Geology Review:** ☑

**COUNTY:** UINTAH
**LATITUDE:** 40.10428
**LONGITUDE:** -109.24031
**UTM SURF EASTINGS:** 649986.00
**NORTHINGS:** 4440605.00
**FIELD NAME:** UNDESIGNATED
**LEASE TYPE:** 1 - Federal
**LEASE NUMBER:** UTU77300
**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE
**SURFACE OWNER:** 1 - Federal
**COALBED METHANE:** NO

**RECEIVED AND/OR REVIEWED:**

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - NM2308
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 49-225
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

**Commingling Approved**

**LOCATION AND SITING:**

- ☐ **R649-2-3.**

**Unit:**

- ☐ **R649-3-2. General**
- ☑ **R649-3-3. Exception**
- ☑ **Drilling Unit**

**Board Cause No:** R649-3-3
**Effective Date:**
**Siting:**

- ☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:**
1 - Exception Location - bhill
4 - Federal Approval - dmason
23 - Spacing - dmason

GARY R. HERBERT
*Governor*
GREGORY S. BELL
*Lieutenant Governor*

**State of Utah**
**DEPARTMENT OF NATURAL RESOURCES**
MICHAEL R. STYLER
*Executive Director*
**Division of Oil, Gas and Mining**
JOHN R. BAZA
*Division Director*

# Permit To Drill

**********

**Well Name:** Hoss 156-20
**API Well Number:** 43047507490000
**Lease Number:** UTU77300
**Surface Owner:** FEDERAL
**Approval Date:** 4/22/2010

**Issued to:**
EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

**Authority:**
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**
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

**Exception Location:**
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

**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.

**Conditions of Approval:**
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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.

API Well No: 43047507490000

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

**Reporting Requirements:**
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**

Gil Hunt
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 10 2009

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

## APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU77300

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

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

8. Lease Name and Well No.
HOSS 156-20

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

2. Name of Operator
EOG RESOURCES, INC.
Contact: MARY A. MAESTAS
E-Mail: mary_maestas@eogresources.com

9. API Well No.
43 047 50749

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

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

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

At surface SESW 1260FSL 1826FWL 40.10427 N Lat, 109.24090 W Lon

At proposed prod. zone SESW 1260FSL 1826FWL 40.10427 N Lat, 109.24090 W Lon

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 20 T8S R24E Mer SLB

14. Distance in miles and direction from nearest town or post office*
31.5 MILES SOUTH OF VERNAL, UT

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
1260' LEASE LINE, 60' DRLG UNIT LINE

16. No. of Acres in Lease
1589.00

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
6410'

19. Proposed Depth
8580 MD

20. BLM/BIA Bond No. on file
NM2308

21. Elevations (Show whether DF, KB, RT, GL, etc.
5152 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.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
MARY A. MAESTAS Ph: 303-824-5526

Date
09/10/2009

Title
REGULATORY ASSISTANT

Approved by (Signature)

Name (Printed/Typed)
James H. Sparger

Date
OCT 12 2010

Title
Acting 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.

RECEIVED
OCT 19 2010
DIV. OF OIL, GAS & MINING

**Additional Operator Remarks (see next page)**

**Electronic Submission #74092 verified by the BLM Well Information System**
**For EOG RESOURCES, INC., sent to the Vernal**
**Committed to AFMSS for processing by ROBIN R. HANSEN on 09/11/2009 ()**

**NOTICE OF APPROVAL** **UDOGM** **CONDITIONS OF APPROVAL ATTACHED**

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

09GXJ1036AE

NOS 11-24-09

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-440(

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

| | | | |
|---|---|---|---|
| **Company:** | **EOG Resources, Inc.** | **Location:** | **SESW, Sec. 20, T8S R24E** |
| **Well No:** | **Hoss 156-20** | **Lease No:** | **UTU-77300** |
| **API No:** | **43-047-50749** | **Agreement:** | **N/A** |

# OFFICE NUMBER: (435) 781-4400

# OFFICE FAX NUMBER: (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<br>(Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion<br>(Notify Environmental Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice<br>(Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing<br>(Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov. |
| BOP & Related Equipment Tests<br>(Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice<br>(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)*

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of $NO_x$ per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of $NO_x$ per horsepower-hour.

- 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**

- 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 0.25 miles of burrowing owl nesting habitat from March 1 through August 31.

- Surface pipelines will be placed 5-10 feet outside of the borrow area.

- Construction of the pads, roads and associated pipelines for the **Hoss 156-20** would be monitored by a permitted paleontologist.

- If during the construction of any wells evaluated in this document any vertebrate paleontological resources are discovered all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intake until authorized to proceed by the authorized officer.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

Variances Granted

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

**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. 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.

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

**FORM 9**

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU77300

## SUNDRY NOTICES AND REPORTS ON WELLS

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:** HOSS 156-20

**2. NAME OF OPERATOR:**
EOG Resources, Inc.

**9. API NUMBER:** 43047507490000

**3. ADDRESS OF OPERATOR:**
1060 East Highway 40 , Vernal, UT, 84078

**PHONE NUMBER:**
435 781-9111 Ext

**9. FIELD and POOL or WILDCAT:** UNDESIGNATED

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1260 FSL 1826 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 08.0S Range: 24.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start:<br>3/28/2011 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ 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:** 03/28/2011

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Michelle Robles | 307 276-4842 | Regulatory Assistant |

| SIGNATURE | DATE |
|---|---|
| N/A | 3/28/2011 |

**RECEIVED** Mar. 28, 2011

## 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 43047507490000

**API:** 43047507490000
**Well Name:** HOSS 156-20
**Location:** 1260 FSL 1826 FWL QTR SESW SEC 20 TWNP 080S RNG 240E MER S
**Company Permit Issued to:** EOG RESOURCES, INC.
**Date Original Permit Issued:** 4/22/2010

**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**

**Signature:** Michelle Robles **Date:** 3/28/2011
**Title:** Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED Mar. 28, 2011

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

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU77300

## SUNDRY NOTICES AND REPORTS ON WELLS

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**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:** HOSS 156-20

**2. NAME OF OPERATOR:**
EOG Resources, Inc.

**9. API NUMBER:** 43047507490000

**3. ADDRESS OF OPERATOR:**
600 17th Street, Suite 1000 N , Denver, CO, 80202

**PHONE NUMBER:** 435 781-9111 Ext

**9. FIELD and POOL or WILDCAT:** UNDESIGNATED

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1260 FSL 1826 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 08.0S Range: 24.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start:<br>4/10/2010 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ 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:** April 10, 2012

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Mickenzie Gates | 435 781-9145 | Operations Clerk |

| SIGNATURE | DATE |
|---|---|
| N/A | 4/10/2012 |

RECEIVED: Apr. 10, 2012

## 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 43047507490000

**API:** 43047507490000
**Well Name:** HOSS 156-20
**Location:** 1260 FSL 1826 FWL QTR SESW SEC 20 TWNP 080S RNG 240E MER S
**Company Permit Issued to:** EOG RESOURCES, INC.
**Date Original Permit Issued:** 4/22/2010

**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**

**Signature:** Mickenzie Gates **Date:** 4/10/2012
**Title:** Operations Clerk **Representing:** EOG RESOURCES, INC.

RECEIVED: Apr. 10, 2012

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 20 2012
BLM Vernal UT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.
UTU77300

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
HOSS 156-20

2. Name of Operator
EOG RESOURCES INC
Contact: VAIL A NAZZARO
E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM

9. API Well No.
43-047-50749-00-X1

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

3b. Phone No. (include area code)
Ph: 303-824-5590

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 20 T8S R24E SESW 1260FSL 1826FWL
40.104269 N Lat, 109.240903 W Lon

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

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☒ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Subsequent Report | ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Final Abandonment Notice | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other Change to Original A PD |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

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

EOG Resources, Inc. respectfully requests a two year extension for the referenced APD.

RECEIVED
JAN 10 2013
DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE
ENG. RHH 11/26/12
GEOL.
E.S.
PET.
RECL.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #151183 verified by the BLM Well Information System**
**For EOG RESOURCES INC, sent to the Vernal**
**Committed to AFMSS for processing by ROBIN R. HANSEN on 11/20/2012 (13RRH5373SE)**

Name *(Printed/Typed)* VAIL A NAZZARO — Title SR. REGULATORY ASSISTANT

Signature (Electronic Submission) — Date 09/20/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title Assistant Field Manager Lands & Mineral Resources — Date DEC 18 2012

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

Office VERNAL FIELD OFFICE

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

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UDOGM

## Revisions to Operator-Submitted EC Data for Sundry Notice #151183

| | Operator Submitted | BLM Revised (AFMSS) |
|---|---|---|
| Sundry Type: | OTHER<br>NOI | APDCH<br>NOI |
| Lease: | UTU77300 | UTU77300 |
| Agreement: | | |
| Operator: | EOG RESOURCES, INC<br>600 17TH ST., STE. 1000N<br>DENVER, CO 80202<br>Ph: 303-572-9000 | EOG RESOURCES INC<br>1060 EAST HIGHWAY 40<br>VERNAL, UT 84078<br>Ph: 435.781.9111 |
| Admin Contact: | VAIL A NAZZARO<br>SR. REGULATORY ASSISTANT<br>E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM<br><br>Ph: 303-824-5590 | VAIL A NAZZARO<br>SR. REGULATORY ASSISTANT<br>E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM<br><br>Ph: 303-824-5590 |
| Tech Contact: | VAIL A NAZZARO<br>SR. REGULATORY ASSISTANT<br>E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM<br><br>Ph: 303-824-5590 | VAIL A NAZZARO<br>SR. REGULATORY ASSISTANT<br>E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM<br><br>Ph: 303-824-5590 |
| Location: | | |
| State: | UT | UT |
| County: | UINTAH | UINTAH |
| Field/Pool: | NATURAL BUTTES | NATURAL BUTTES |
| Well/Facility: | HOSS 156-20<br>Sec 20 T8S R24E SESW 1260FSL 1826FWL | HOSS 156-20<br>Sec 20 T8S R24E SESW 1260FSL 1826FWL<br>40.104269 N Lat, 109.240903 W Lon |

# CONDITIONS OF APPROVAL

## EOG RESOURCES INC

### Notice of Intent
### APD Extension

**Lease:** UTU-77300
**Well:** HOSS 156-20
**Location:** SESW Sec 20-T8S-R24E

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

---

1. The extension and APD shall expire on 10/12/2014.

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

FORM 9

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

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU77300

## SUNDRY NOTICES AND REPORTS ON WELLS

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:**
HOSS 156-20

**2. NAME OF OPERATOR:**
EOG Resources, Inc.

**9. API NUMBER:**
43047507490000

**3. ADDRESS OF OPERATOR:**
600 17th Street, Suite 1000 N , Denver, CO, 80202

**PHONE NUMBER:**
435 781-9111 Ext

**9. FIELD and POOL or WILDCAT:**
UNDESIGNATED

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1260 FSL 1826 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 08.0S Range: 24.0E Meridian: S

**COUNTY:**
UINTAH

**STATE:**
UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start:<br>4/8/2013 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ 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:** April 10, 2013

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Vail Nazzaro | 303 824-5590 | Sr. Regulatory Assistant |

| SIGNATURE | DATE |
|---|---|
| N/A | 4/8/2013 |

RECEIVED: Apr. 08, 2013

## 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 43047507490000

**API:** 43047507490000
**Well Name:** HOSS 156-20
**Location:** 1260 FSL 1826 FWL QTR SESW SEC 20 TWNP 080S RNG 240E MER S
**Company Permit Issued to:** EOG RESOURCES, INC.
**Date Original Permit Issued:** 4/22/2010

**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**

**Signature:** Vail Nazzaro **Date:** 4/8/2013
**Title:** Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Apr. 08, 2013

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

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU77300

## SUNDRY NOTICES AND REPORTS ON WELLS

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:**
HOSS 156-20

**2. NAME OF OPERATOR:**
EOG RESOURCES, INC.

**9. API NUMBER:**
43047507490000

**3. ADDRESS OF OPERATOR:**
600 17th Street, Suite 1000 N , Denver, CO, 80202

**PHONE NUMBER:**
435 781-9111 Ext

**9. FIELD and POOL or WILDCAT:**
UNDESIGNATED

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1260 FSL 1826 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 08.0S Range: 24.0E Meridian: S

**COUNTY:**
UINTAH

**STATE:**
UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start:<br>4/1/2014 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ 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:** March 27, 2014

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Donna J Skinner | 303 262-9467 | Sr. Regulatory Assistant |

| SIGNATURE | DATE |
|---|---|
| N/A | 3/25/2014 |

RECEIVED: Mar. 25, 2014

## 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 43047507490000

**API:** 43047507490000
**Well Name:** HOSS 156-20
**Location:** 1260 FSL 1826 FWL QTR SESW SEC 20 TWNP 080S RNG 240E MER S
**Company Permit Issued to:** EOG RESOURCES, INC.
**Date Original Permit Issued:** 4/22/2010

**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**

**Signature:** Donna J Skinner **Date:** 3/25/2014
**Title:** Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Mar. 25, 2014

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

**FORM 9**

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU77300

## SUNDRY NOTICES AND REPORTS ON WELLS

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:**
HOSS 156-20

**2. NAME OF OPERATOR:**
EOG RESOURCES, INC.

**9. API NUMBER:**
43047507490000

**3. ADDRESS OF OPERATOR:**
600 17th Street, Suite 1000 N , Denver, CO, 80202

**PHONE NUMBER:**
435 781-9111 Ext

**9. FIELD and POOL or WILDCAT:**
UNDESIGNATED

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1260 FSL 1826 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 08.0S Range: 24.0E Meridian: S

**COUNTY:**
UINTAH

**STATE:**
UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start:<br>4/17/2015 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ 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: April 20, 2015

By:

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Donna J Skinner | 303 262-9467 | Sr. Regulatory Assistant |

| SIGNATURE | DATE |
|---|---|
| N/A | 4/17/2015 |

RECEIVED: Apr. 17, 2015

## 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 43047507490000

**API:** 43047507490000
**Well Name:** HOSS 156-20
**Location:** 1260 FSL 1826 FWL QTR SESW SEC 20 TWNP 080S RNG 240E MER S
**Company Permit Issued to:** EOG RESOURCES, INC.
**Date Original Permit Issued:** 4/22/2010

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- **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**

**Signature:** Donna J Skinner **Date:** 4/17/2015
**Title:** Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Apr. 17, 2015

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

MAY 05 2015

IN REPLY REFER TO:
3160 (UTG011)

Kaylene Gardner
EOG Resources, Inc.
600 17TH STREET, SUITE 1000 N
DENVER, CO 80202

RECEIVED
MAY 12 2015
DIV. OF OIL, GAS & MINING

Dear Ms. Gardner:

The referenced Applications for Permit to Drill (APD) have expired. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced applications has expired. If you intend to drill at these locations in the future, a new Application for Permit to Drill must be submitted.

43-047-

| Lease | Well | | Aliquot | Sec., T., R. | Date Rec'd | Date Exp'd |
|---|---|---|---|---|---|---|
| UTU-64422 | HOSS 122-34 | 50233 | NESW | Sec. 34-T8S-R23E | 11/20/2008 | 3/29/2015 |
| UTU-64422 | HOSS 125-34 | 50232 | SESW | Sec. 34-T8S-R23E | 11/20/2008 | 3/29/2015 |
| UTU-76042 | HOSS 128-35 | 50230 | NWSW | Sec. 35-T8S-R23E | 11/20/2008 | 3/29/2015 |
| UTU-77300 | HOSS 135-17 | 50764 | SWSW | Sec. 17-T8S-R24E | 9/17/2009 | 10/30/2014 |
| UTU-77300 | HOSS 137-19 | 50859 | NENW | Sec. 19-T8S-R24E | 12/18/2009 | 11/4/2014 |
| UTU-77300 | HOSS 138-19 | 50860 | NWNE | Sec. 19-T8S-R24E | 12/18/2009 | 11/4/2014 |
| UTU-77300 | HOSS 141-19 | 50863 | SENW | Sec. 19-T8S-R24E | 12/18/2009 | 11/4/2014 |
| UTU-77300 | HOSS 142-19 | 50864 | SWNE | Sec. 19-T8S-R24E | 12/18/2009 | 11/4/2014 |
| UTU-77300 | HOSS 146-19 | 40618 | NWSE | Sec. 19-T8S-R24E | 12/30/2009 | 1/7/2015 |
| UTU-77300 | HOSS 151-20 | 50745 | NWNW | Sec. 20-T8S-R24E | 9/10/2009 | 10/12/2014 |
| UTU-77300 | HOSS 152-20 | 50746 | SWNW | Sec. 20-T8S-R24E | 9/10/2009 | 10/12/2014 |
| UTU-77300 | HOSS 153-20 | 50747 | NWSW | Sec. 20-T8S-R24E | 9/10/2009 | 10/12/2014 |
| UTU-77300 | HOSS 155-20 | 50748 | SWSW | Sec. 20-T8S-R24E | 9/10/2009 | 10/12/2014 |
| UTU-77300 | HOSS 156-20 | 50749 | SESW | Sec. 20-T8S-R24E | 9/10/2009 | 10/12/2014 |
| UTU-77300 | HOSS 157-20 | 50750 | SWSE | Sec. 20-T8S-R24E | 9/10/2009 | 10/12/2014 |

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved location of these wells is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM

bcc: Well File
I&E Asst.

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

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU77300

## SUNDRY NOTICES AND REPORTS ON WELLS

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:**
HOSS 156-20

**2. NAME OF OPERATOR:**
EOG RESOURCES, INC.

**9. API NUMBER:**
43047507490000

**3. ADDRESS OF OPERATOR:**
600 17th Street Ste 1000N , Denver, CO, 80202

**PHONE NUMBER:**
435 781-9111 Ext

**9. FIELD and POOL or WILDCAT:**
UNDESIGNATED

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1260 FSL 1826 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 08.0S Range: 24.0E Meridian: S

**COUNTY:**
UINTAH

**STATE:**
UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start:<br>2/1/2016 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ 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: February 03, 2016
By:

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Kristen Sheehan | 303 262-9931 | Assistant Regulatory |

| SIGNATURE | DATE |
|---|---|
| N/A | 2/1/2016 |

RECEIVED: Feb. 01, 2016

## 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 43047507490000

**API:** 43047507490000
**Well Name:** HOSS 156-20
**Location:** 1260 FSL 1826 FWL QTR SESW SEC 20 TWNP 080S RNG 240E MER S
**Company Permit Issued to:** EOG RESOURCES, INC.
**Date Original Permit Issued:** 4/22/2010

**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**

**Signature:** Kristen Sheehan **Date:** 2/1/2016
**Title:** Assistant Regulatory **Representing:** EOG RESOURCES, INC.

RECEIVED: Feb. 01, 2016