



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1557**

December 13, 2006

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

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

Mr. Chris Latimer:

EOG Resources, Inc. has filed an application with the State of Utah Department of Oil Gas and Mining requesting commingling approval in the Wasatch and Mesaverde formations for the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch, and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kaylene R. Gardner".

Kaylene R. Gardner  
Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1533**

December 13, 2006

Encana Oil & Gas (USA) Inc.  
950 17th Street, Suite 2600  
Denver, Colorado 80202  
Attn: Ms. Diana Weber

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

Ms. Diana Weber:

EOG Resources, Inc. has filed an application with the State of Utah Department of Oil Gas and Mining requesting commingling approval in the Wasatch and Mesaverde formations for the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch, and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

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Kaylene R. Gardner  
Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1564**

December 13, 2006

Questar Exploration and Production Company  
Independence Plaza  
1050 17th Street, Suite 500  
Denver, Colorado 80265  
Attention: Ms. Angela Page

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

Ms. Angela Page:

EOG Resources, Inc. has filed an application with the State of Utah Department of Oil Gas and Mining requesting commingling approval in the Wasatch and Mesaverde formations for the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch, and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

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Kaylene R. Gardner  
Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1571**

December 13, 2006

Hot Rod Oil  
3133 North 2050 West  
Vernal, UT 84078

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

To Whom It May Concern:

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Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1588**

December 13, 2006

Diamond Oil Partners  
5990 Kipling Parkway #201  
Arvada, CO 80004

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

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Kaylehe R. Gardner  
Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1595**

December 13, 2006

Key Production Company, Inc.  
707 17<sup>th</sup> Street Suite 3300  
Denver, CO 80202

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

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Kaylene R. Gardner  
Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**  
**ARTICLE NO: 7006 0100 0004 0589 1601**

December 13, 2006

Mark Peterson  
3133 North 2050 West  
Vernal, UT 84078

**RE: COMMINGLING APPLICATIONS**  
**HOSS 76-19**  
**660 FSL - 660 FWL (SWSW)**  
**SECTION 19, T8S, R24E**  
**UINTAH COUNTY, UTAH**  
**LEASE: UTU-77300**

To Whom It May Concern:

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Kaylene R. Gardner  
Sr. Regulatory Assistant



EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

**CERTIFIED MAIL**

**ARTICLE NO: 7006 0100 0004 0589 1618**

December 13, 2006

Summit Energy Partners  
2064 Prospector Avenue #102  
Park City, UT 84060

**RE: COMMINGLING APPLICATIONS  
HOSS 76-19  
660 FSL - 660 FWL (SWSW)  
SECTION 19, T8S, R24E  
UINTAH COUNTY, UTAH  
LEASE: UTU-77300**

To Whom It May Concern:

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Sincerely,

A handwritten signature in black ink, appearing to read "Kaylehe R. Gardner".

Kaylehe R. Gardner  
Sr. Regulatory Assistant

STATE OF UTAH )

) ss

COUNTY OF UINTAH )

VERIFICATION

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

**HOSS 76-19**  
**660' FSL - 660' FWL LOT 4(SWSW)**  
**SECTION 19, T8S, R24E**  
**UINTAH COUNTY, UTAH**

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

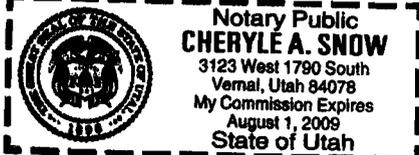
On the 13<sup>th</sup> day of December 2006 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

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

Further affiant saith not.

  
Kaylene R. Gardner  
Sr. Regulatory Assistant

Subscribed and sworn before me this 13<sup>th</sup> day of December, 2006.



My Commission Expires: 8/1/2009

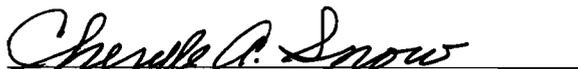
  
Cheryle A. Snow  
Notary Public

Exhibit "A" to Affidavit  
Hoss 76-19 Application to Commingle

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

Encana Oil & Gas (USA) Inc.  
950 17th Street, Suite 2600  
Denver, Colorado 80202  
Attn: Ms. Diana Weber

Questar Exploration and Production Company  
Independence Plaza  
1050 17th Street, Suite 500  
Denver, Colorado 80265  
Attention: Ms. Angela Page

Hot Rod Oil  
3133 North 2050 West  
Vernal, UT 84078

Diamondback Oil Partners  
5990 Kipling Parkway #201  
Arvada, CO 80004

Key Production Company , Inc.  
707 17<sup>th</sup> Street Suite 3300  
Denver, CO 80202

Mark Peterson  
3133 North 2050 West  
Vernal, Utah 84078

Summit Energy Partners  
2064 Prospector Avenue #102  
Park City, UT 84060

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

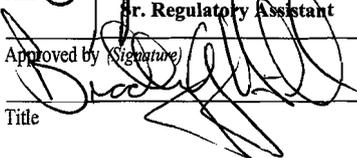
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU 77300</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>EOG RESOURCES, INC</b>		7. If Unit or CA Agreement, Name and No.
3a. Address <b>1060 East Highway 40 Vernal, UT 84078</b>	3b. Phone No. (include area code) <b>435-781-9111</b>	8. Lease Name and Well No. <b>Hoss 76-19</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>648000 660 FSL &amp; 660 FWL LOT 4 (SWSW) 39.102694 Lat 109.263631 Lon</b> At proposed prod. zone <b>SAME 4440390Y 40.102685 -109.262948</b>		9. API Well No. <b>43-047-38952</b>
14. Distance in miles and direction from nearest town or post office* <b>30.4 Miles South of Vernal, Utah</b>		10. Field and Pool, or Exploratory <del>Natural Gases</del> <b>Undesignated</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>660 Lease Line</b> <b>660 Drilling Line</b>	16. No. of acres in lease <b>1589</b>	11. Sec., T. R. M. or Blk. and Survey or Area <b>SEC. 19, T8S, R24E S.L.B.&amp;M</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>5635</b>	19. Proposed Depth <b>9000</b>	12. County or Parish <b>UINTAH</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5061 GL</b>	22. Approximate date work will start*	13. State <b>UT</b>
20. BLM/BIA Bond No. on file <b>NM 2308</b>		17. Spacing Unit dedicated to this well <b>37</b>
23. Estimated duration <b>45 DAYS</b>		

**24. Attachments**

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

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

25. Signature 	Name (Printed/Typed) <b>Kaylene R. Gardner</b>	Date <b>12/13/2006</b>
Title <b>Sr. Regulatory Assistant</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>01-16-07</b>
Title <b>ENVIRONMENTAL MANAGER</b>	Office	

Application approval 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.  
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.

\*(Instructions on page 2)

**Federal Approval of this  
Action is Necessary**

**RECEIVED**

**DEC 28 2006**

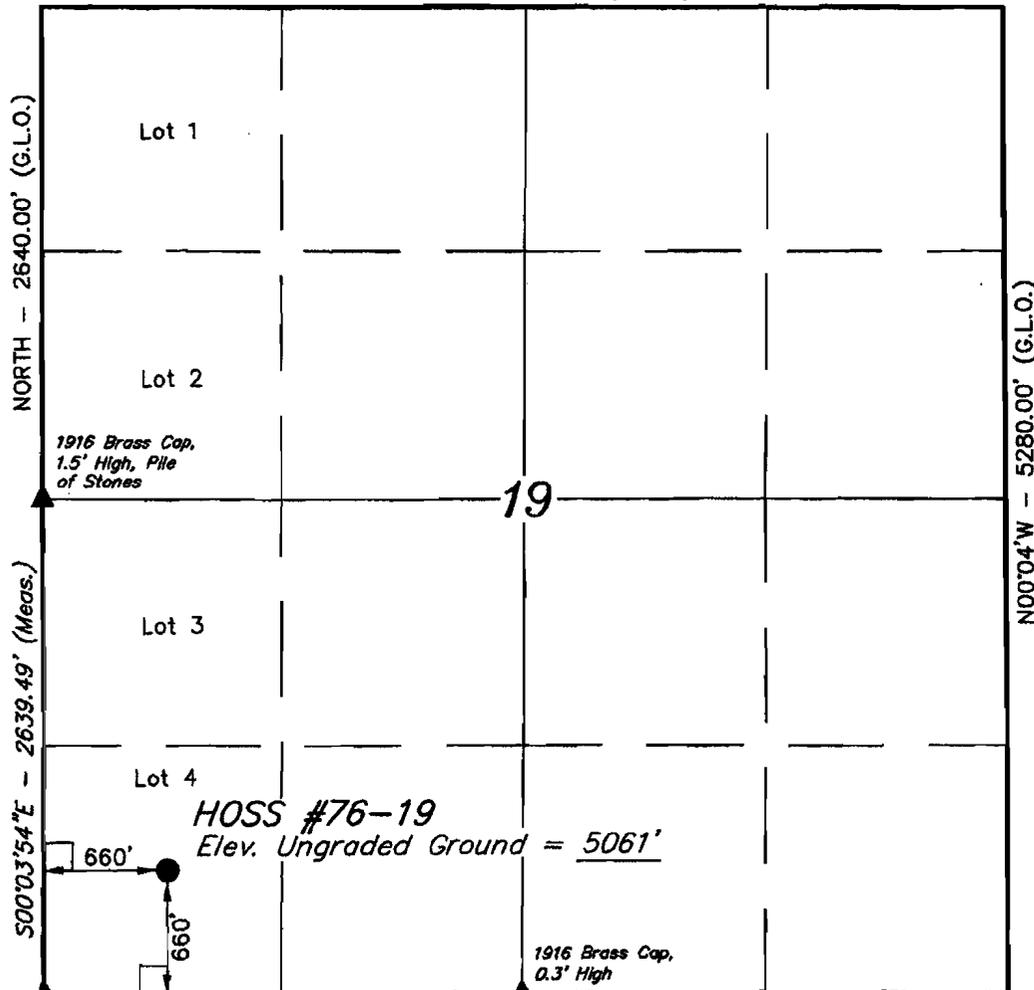
**DIV. OF OIL, GAS & MINING**

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

EOG RESOURCES, INC.

Well location, HOSS #76-19, located as shown in Lot 4 of Section 19, T8S, R24E, S.L.B.&M., Uintah County, Utah.

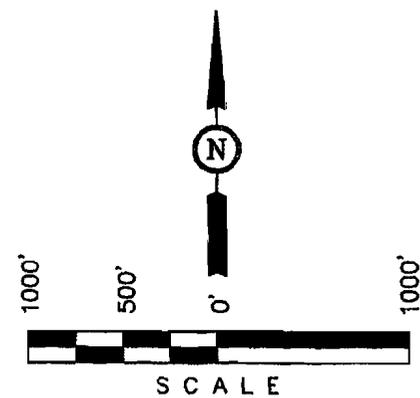
S89°44'E - 5189.58' (G.L.O.)



N00°04'W - 5280.00' (G.L.O.)

### BASIS OF ELEVATION

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



CERTIFICATE  
 THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 ROBERT L. RAY  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 16137  
 STATE OF UTAH

1916 Brass Cap, 1.8' High, Steel Post

### BASIS OF BEARINGS

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

(NAD 83)  
 LATITUDE = 40°06'09.70" (39.102694)  
 LONGITUDE = 109°15'49.07" (109.263631)  
 (NAD 27)  
 LATITUDE = 40°06'09.82" (39.102728)  
 LONGITUDE = 109°15'46.63" (109.262953)

### LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 10-12-06	DATE DRAWN: 10-19-06
PARTY T.A. E.D. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

R 23 E

R 24 E

24

3 37.35

19

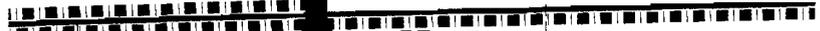
4 37.38

HOSS 76-19

T  
8  
S

MULLIGAN  
UNIT  
UTU-72027

UTU-77300



SAND  
RIDGE II  
UNIT

1 37.43

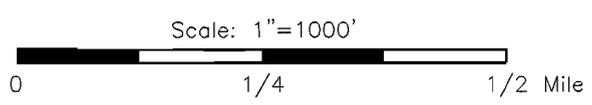
BIG VALLEY  
UNIT

25 U-13364

UTU-77301

30

○ HOSS 76-19



Denver Division

EXHIBIT "A"

HOSS 76-19

Commingling Application

Uintah County, Utah

Scale, 1"=1000'

D:\utah\Commingled\page\_Hoss76-19\_commingled.dwg  
Layout1

Author  
GT

Nov 20, 2006 -  
2:10pm

**EIGHT POINT PLAN**

**HOSS 76-19**  
**SW/SW, SEC. 19, T8S, R24E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>
Green River	2,223	Possible gas
Wasatch	4,680	Possible gas/oil
Chapita Wells	5,338	
Buck Canyon	6,024	
North Horn	6,580	
KMV Price River	6,976	GAS (S)
KMV Price River Middle	7,560	Possible gas
KMV Price River Lower	8,383	Possible gas
Sego	8,794	GAS (P)
<b>TD</b>	<b>9,000</b>	

Estimated TD: **9,000' or 200'± below Sego top**

**Anticipated BHP: 4,915 Psig**

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

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

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**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**EIGHT POINT PLAN**

**HOSS 76-19**

**SW/SW, SEC. 19, T8S, R24E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**4. CASING PROGRAM:**

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
Conductor:	26"	0' – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface:	17 1/2"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production:	7-7/8"	2,300'± – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,710 Psi	284,000#

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

**5. Float Equipment:**

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

Guide Shoe

Insert Float Collar (PDC drillable)

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

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

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

**6. MUD PROGRAM**

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

Air/air mist or aerated water.

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

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

**EIGHT POINT PLAN**

**HOSS 76-19**

**SW/SW, SEC. 19, T8S, R24E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

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

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

**8. EVALUATION PROGRAM:**

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

**9. CEMENT PROGRAM:**

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

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

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

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

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

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

**Lead:** 135 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**EIGHT POINT PLAN**

**HOSS 76-19**

**SW/SW, SEC. 19, T8S, R24E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**Tail:**           **850 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:**           The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.  
**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

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

**11. STANDARD REQUIRED EQUIPMENT:**

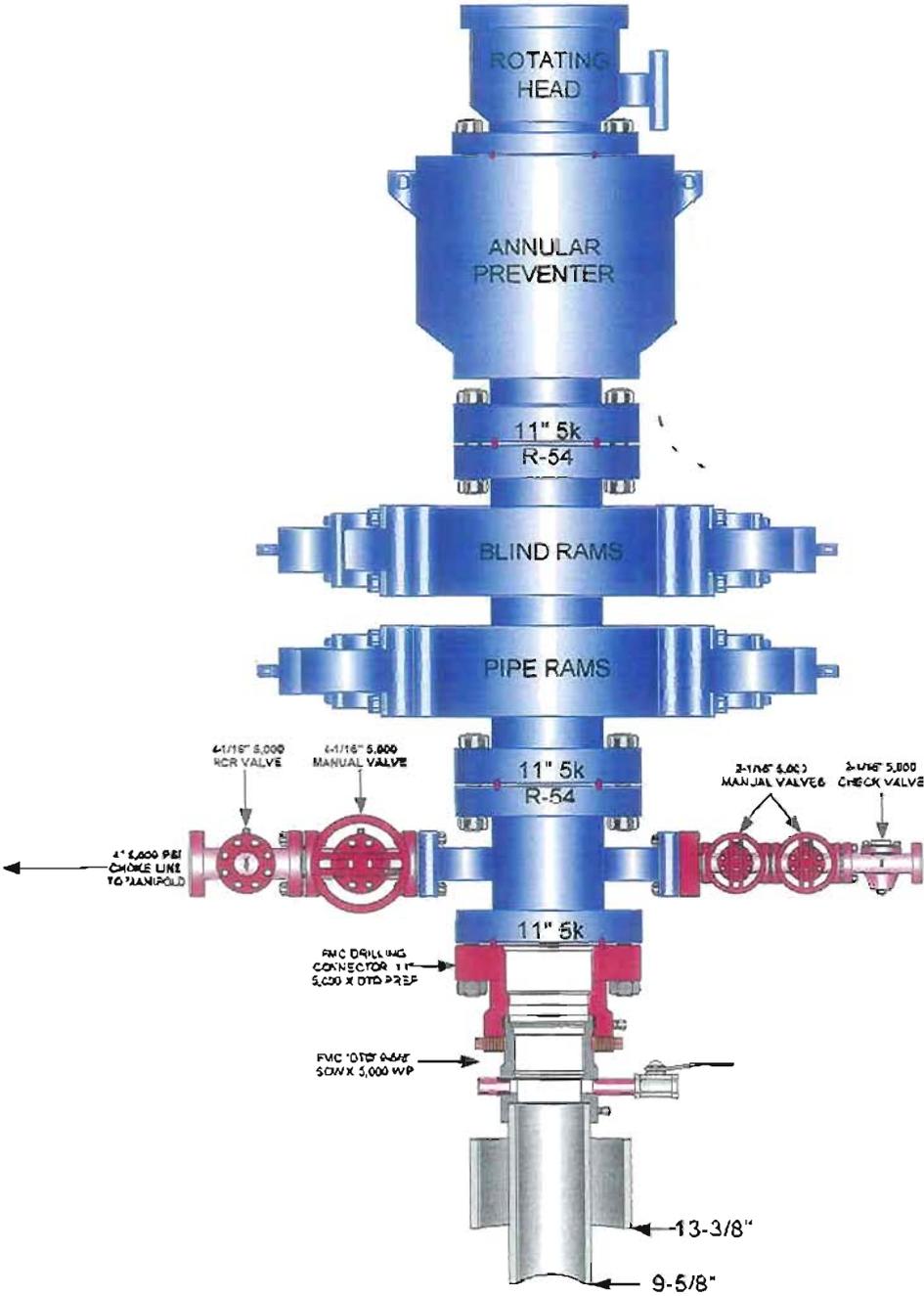
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

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

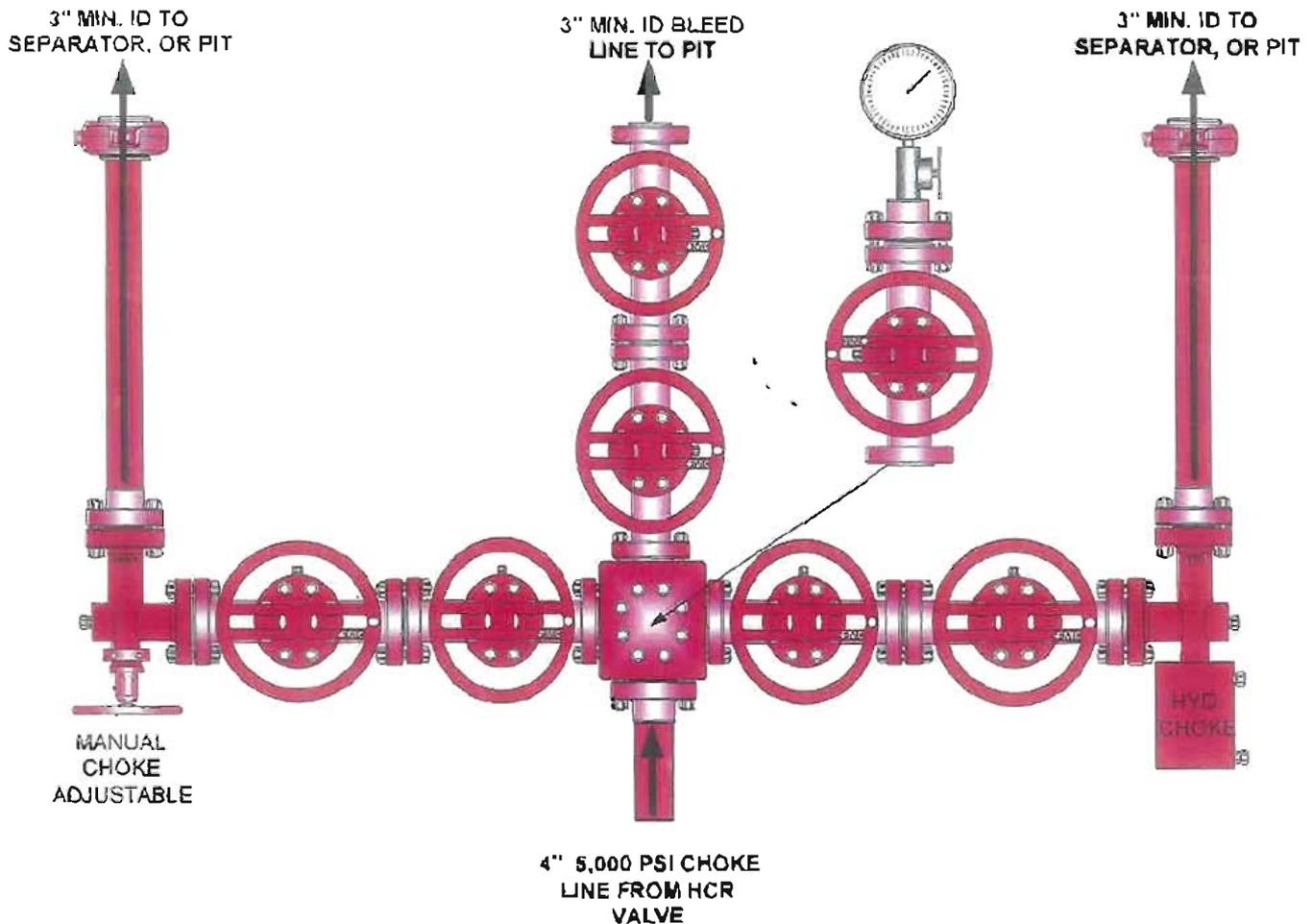
(Attachment: BOP Schematic Diagram)

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



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

PAGE 2 OF 2



Testing Procedure:

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



**HOSS 76-19  
LOT 1 (SWSW), Section 19, T8S, R24E  
Uintah County, Utah**

***SURFACE USE PLAN***

**NOTIFICATION REQUIREMENTS**

- Location Construction: Forty-eight (48) hours prior to construction of location and access roads.
- Location Completion: Prior to moving on the drilling rig.
- Spud Notice: At least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing: Twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and related Equipment Tests: Twenty-four (24) hours prior to running casing and tests.
- First Production Notice: Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

The request road right-of-way on Federal acreage necessary is approximately 2732' x 30', containing 5.28 acres more or less (see attached survey plats and maps).

The requested temporary pipeline right-of-way on Federal acreage necessary is approximately 14,212' x 40', containing 13.64 acres more or less. The requested permanent pipeline right-of-way on Federal acreage necessary is approximately 14,857' x 20', containing 6.82 acres more or less (see attached survey plats and maps).

The well pad is approximately 325 feet long with a 246 foot width, containing 1.84 acres more or less. The well access road is approximately 7672 feet long with a 30-foot right-of-way, disturbing approximately 5.28 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 7.12 acres. The pipeline is approximately 14,857 feet long with a 20-foot permanent right-of-way 645 feet within Federal Lease UTU-77300, 7054 feet within Federal Lease UTU 72027, 4371 feet within Federal Lease UTU 71424, 2831 feet within Federal Lease UTU 76042 disturbing approximately 6.82 acres.

**1. EXISTING ROADS:**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 30.4 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 shall be approximately 7672' in length. 4967 feet within Federal Lease UTU 77300, 2732 feet within Federal Lease UTU 73915. The proposed access road will follow the old reclaimed road to the well location. **The proposed access road shall be constructed with one (1) 18" x 40' CMP, one (1) 24" x 40' CMP and one (1) low water crossing (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. **Gravel shall be used as needed.**
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

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

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

The road shall be constructed/upgraded to meet the standards to 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 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided

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

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, Third 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.

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

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

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

**A. On Well Pad**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.

2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

**B. Off Well Pad**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. The length of the new proposed permanent pipeline is 14,857' x 20'. The proposed pipeline leaves the western edge of the well pad, Federal Lease UTU 77300, proceeding in a westerly direction for an approximate distance of 645' to Section 24, T8S, R23E, proceeding westerly for an approximate distance of 7054', Federal Lease UTU 72027, to Section 23 T8S, R23E, proceeding westerly than southerly for an approximate distance of 4371' to Section 26, T8S, R23E, Federal Lease UTU 76042 tying into an existing pipeline located in the SWSE of Section 26, T8S, R23E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.
3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface.
4. **Due to the six major drainage crossings and deep soils in the area, the proposed pipeline shall be buried from the well to the point where it crosses under the power plant access road.**
5. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

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

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 existing facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

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

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

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

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

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

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

The reserve pit shall be lined with felt and a 18 millimeter plastic liner.

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.

**8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE LAYOUT:**

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

The reserve pit will be located on the southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil north of corner #5. The stockpiled location topsoil will be stored between corners #1 and #2. 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 northeast.

**FENCING REQUIREMENTS:**

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

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

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

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

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

**A. Producing Location**

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

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

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

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Crested Wheatgrass	6.0
Forage Kochia	6.0

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

**B. Dry Hole/Abandoned Location**

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

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Fourwingr saltbush	3.0
Needle and Threadgrass	2.0
Crested wheatgrass	2.0
Western wheatgrass	2.0
Crested wheatgrass	3.0
Scarlet globemallow	2.0

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

**11. SURFACE OWNERSHIP:**

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

Bureau of Land Management

**12. OTHER INFORMATION:**

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
- Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

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

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. 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.
- D. 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.)

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" and "Right-of-Way grant", if applicable, will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

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

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

A cultural resources survey was conducted and submitted 8/20/2006 by Montgomery Archaeological Consultants. A Paleontology survey was conducted and will be submitted by SWCA.

**Additional Surface Stipulations:**

**Prior to any construction between April 1 and July 15, all areas within 0.5 mile of prairie dog colonies shall be surveyed for western burrowing owls. If burrowing owls are located, surface disturbance will not occur within 0.5 mile of owl nesting locations between April 1 and July 15. If no nests are found within 0.5 mile of the proposed location, construction and drilling can occur.**

**Since the proposed location is located within a Black Footed Ferret Reintroduction area, a two week construction notification will be required from March 1 to July 15.**

**No construction or drilling shall be allowed during Antelope kidding season of May 15 to June 20 unless clearance has been obtained by the BLM wildlife biologist.**

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

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
P.O. Box 1815  
Vernal, Ut 84078  
(435) 781-9111

**DRILLING OPERATIONS**

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

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 76-19 well, located in Lot 4 (SWSW), of Section 19, 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.

December 13, 2006  
Date

  
\_\_\_\_\_  
Kaylene R. Gardner, Sr. Regulatory Assistant

**Request for Exception to Buried Pipeline Requirement**  
**HOSS 76-19**  
**Lot 4, SWSW, Sec. 19, T8S, R24E**  
**UTU-77300**

EOG Resources, Inc. requests a variance to the requirement for a buried gas sales pipeline for the referenced well for the following reasons:

1. In order to bury pipe on the gas sales line route, additional surface disturbance relative to surface pipeline would be approximately 50' X Length acres.
2. Ripping, cutting, or blasting of rock would be required, which in turn would leave long-term spoils on the right-of-way.
3. The disturbed soils on the pipeline corridor would be difficult to rehabilitate and would be susceptible to noxious weed infestation, which in turn would be hazardous to livestock.
4. Supplemental soil to replace removed rock would need to be hauled in from other locations to provide bedding and cover material.
5. The buried pipe would need to be coated and/or wrapped to minimize the potential for corrosion-caused gas leaks and blowouts.
6. Burying of pipe next to access roads increases the potential for damage, explosion, and fire when using graders and/or dozers for snow removal or road rehabilitation.
7. Surface equipment, including risers with blow down valves and pipeline markers will be required, adding to negative visual impact.
8. Disturbance of previously rehabilitated pipeline corridor could be necessary if increasing well density requires crossing of the corridor or location construction on the corridor.
9. Pipeline corridors subject to poor rehabilitation characteristics are susceptible to high rates of soil erosion.
10. Buried shallow pipelines in low areas subject to the occasional presence of standing water are susceptible to movement and surfacing.

# EOG RESOURCES, INC.

## HOSS #76-19

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 24, T8S, R24E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



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

LOCATION PHOTOS

10 31 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: T.A.

DRAWN BY: L.K.

REVISED: 00-00-00

**EOG RESOURCES, INC.**  
**HOSS #76-19**  
**SECTION 19, T8S, R24E, S.L.B.&M.**

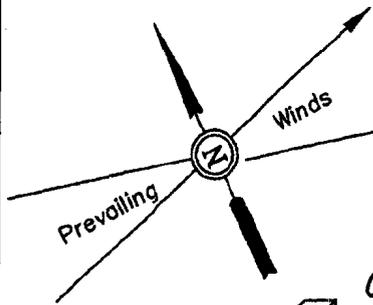
PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 25.1 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING RE-HABED ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 280' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 30.4 MILES.

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

HOSS #76-19  
SECTION 19, T8S, R24E, S.L.B.&M.  
660' FSL 660' FWL

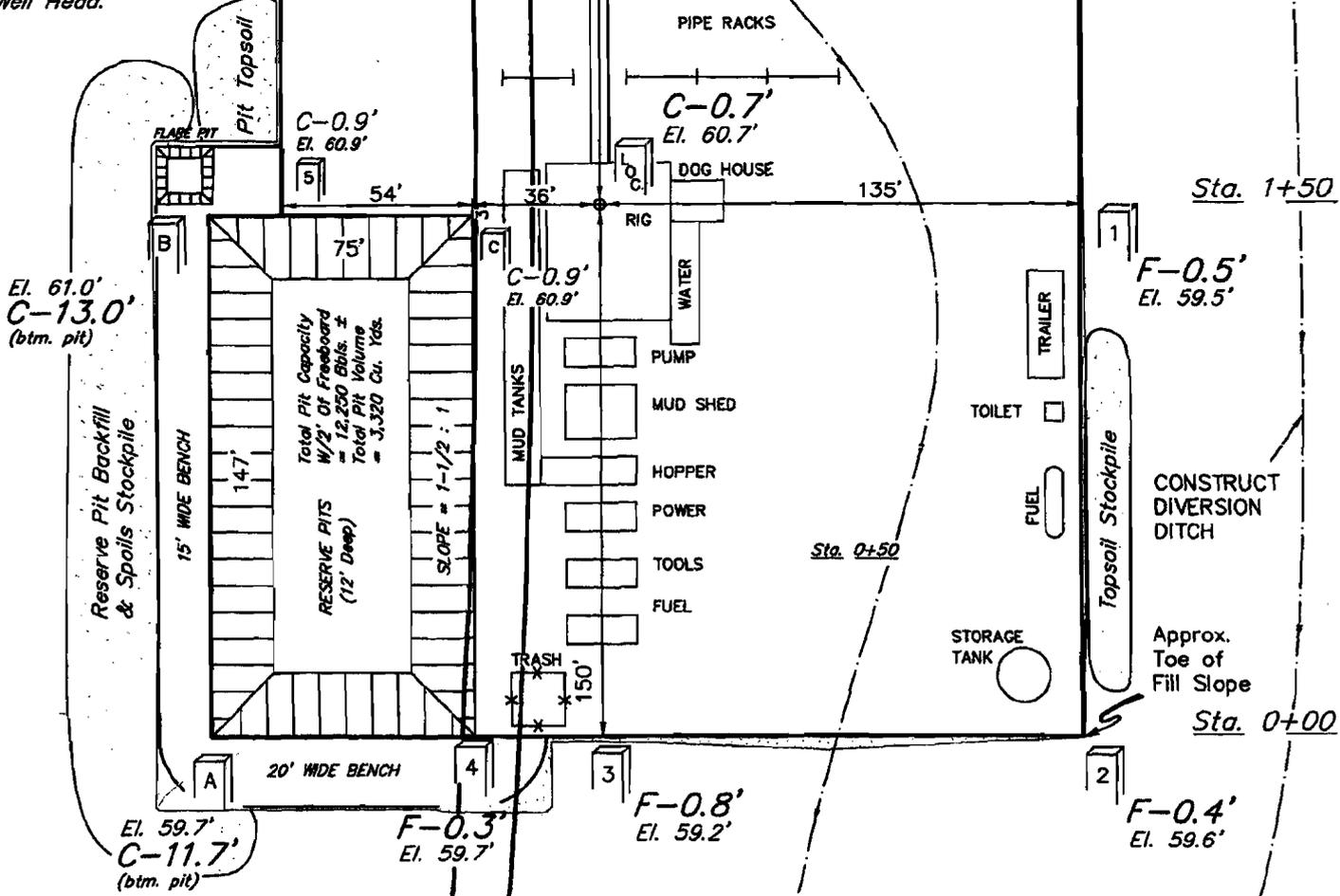
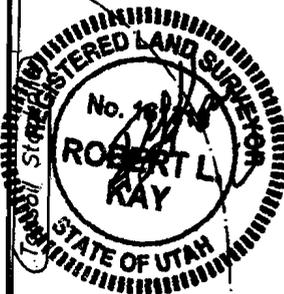


SCALE: 1" = 50'  
DATE: 11-01-06  
Drawn By: C.H.

Approx. Top of Cut Slope

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5060.7'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5060.0'

FIGURE #1

EOG RESOURCES, INC.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

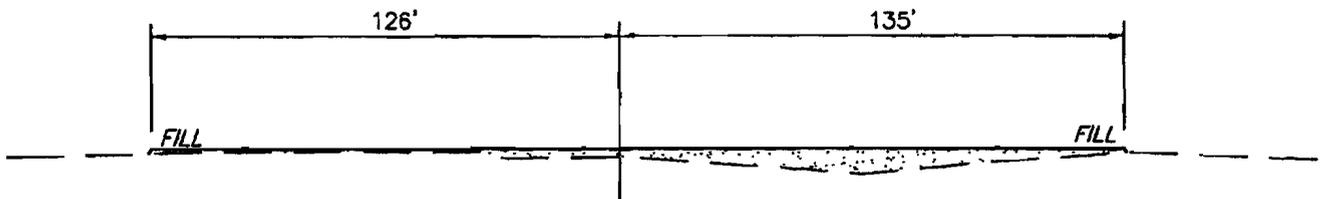
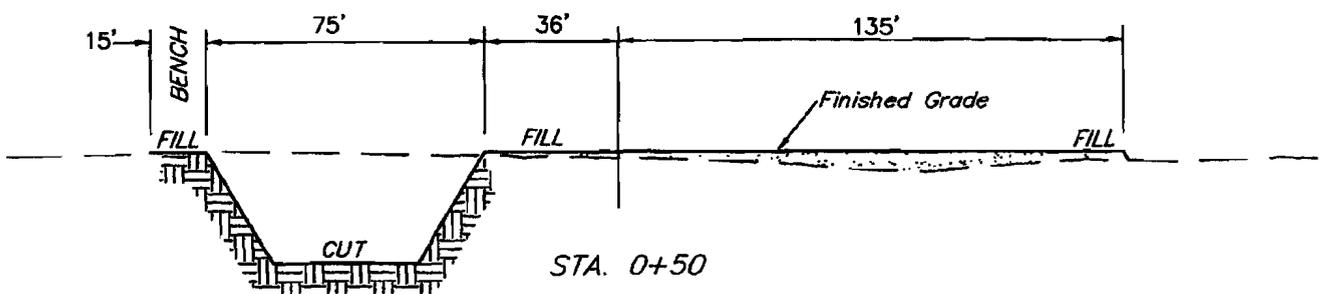
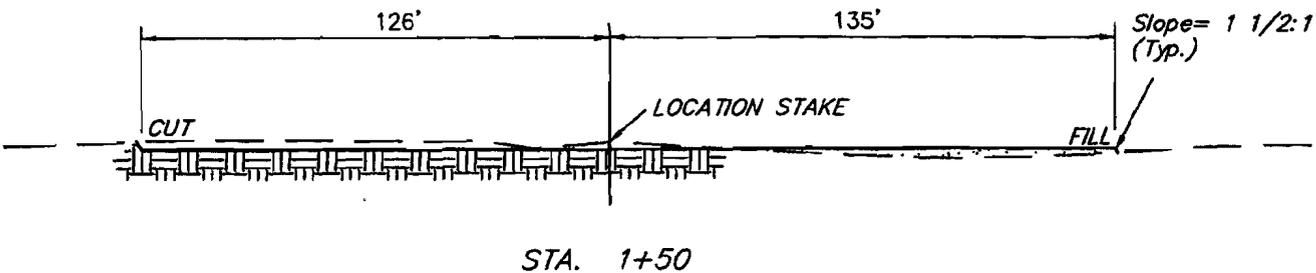
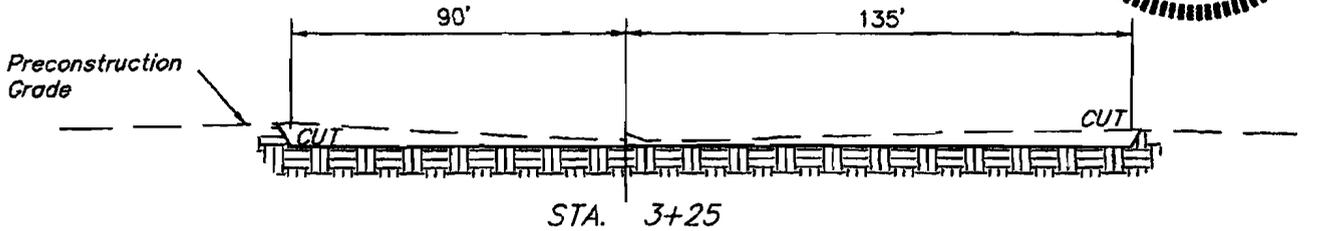
HOSS #76-19

SECTION 19, T8S, R24E, S.L.B.&M.

660' FSL 660' FWL



1" = 20'  
X-Section Scale  
1" = 50'  
DATE: 11-01-06  
Drawn By: C.H.



NOTE:

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

STA. 0+00

\* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,570 Cu. Yds.
Remaining Location	= 3,630 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,200 CU.YDS.</b>
<b>FILL</b>	<b>= 1,970 CU.YDS.</b>

EXCESS MATERIAL	= 3,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,230 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

EOG RESOURCES, INC.

PRODUCTION FACILITY LAYOUT FOR

HOSS #76-19

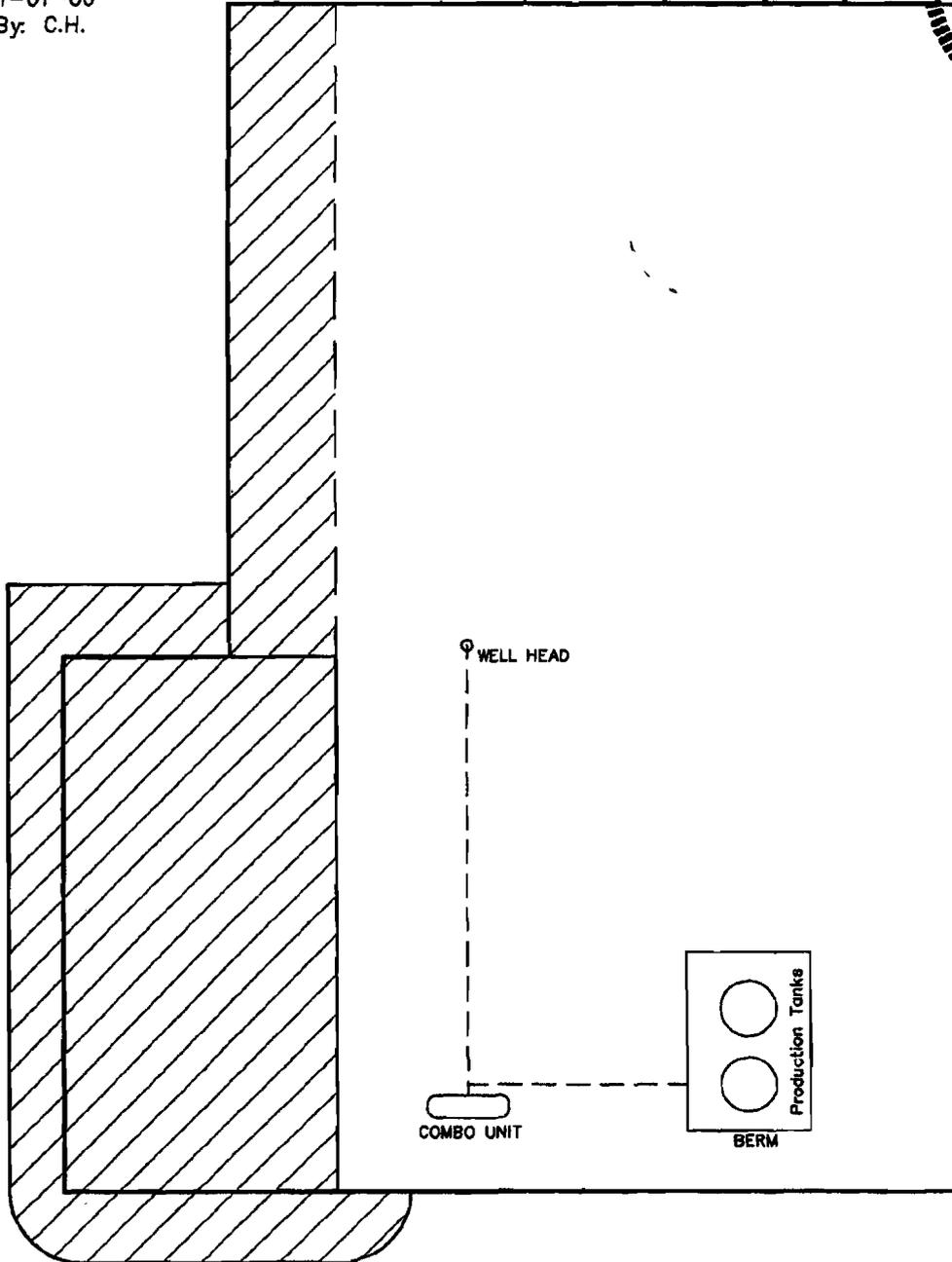
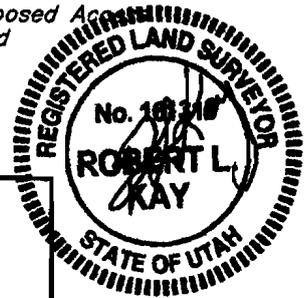
SECTION 19, T8S, R24E, S.L.B.&M.

660' FSL 660' FWL



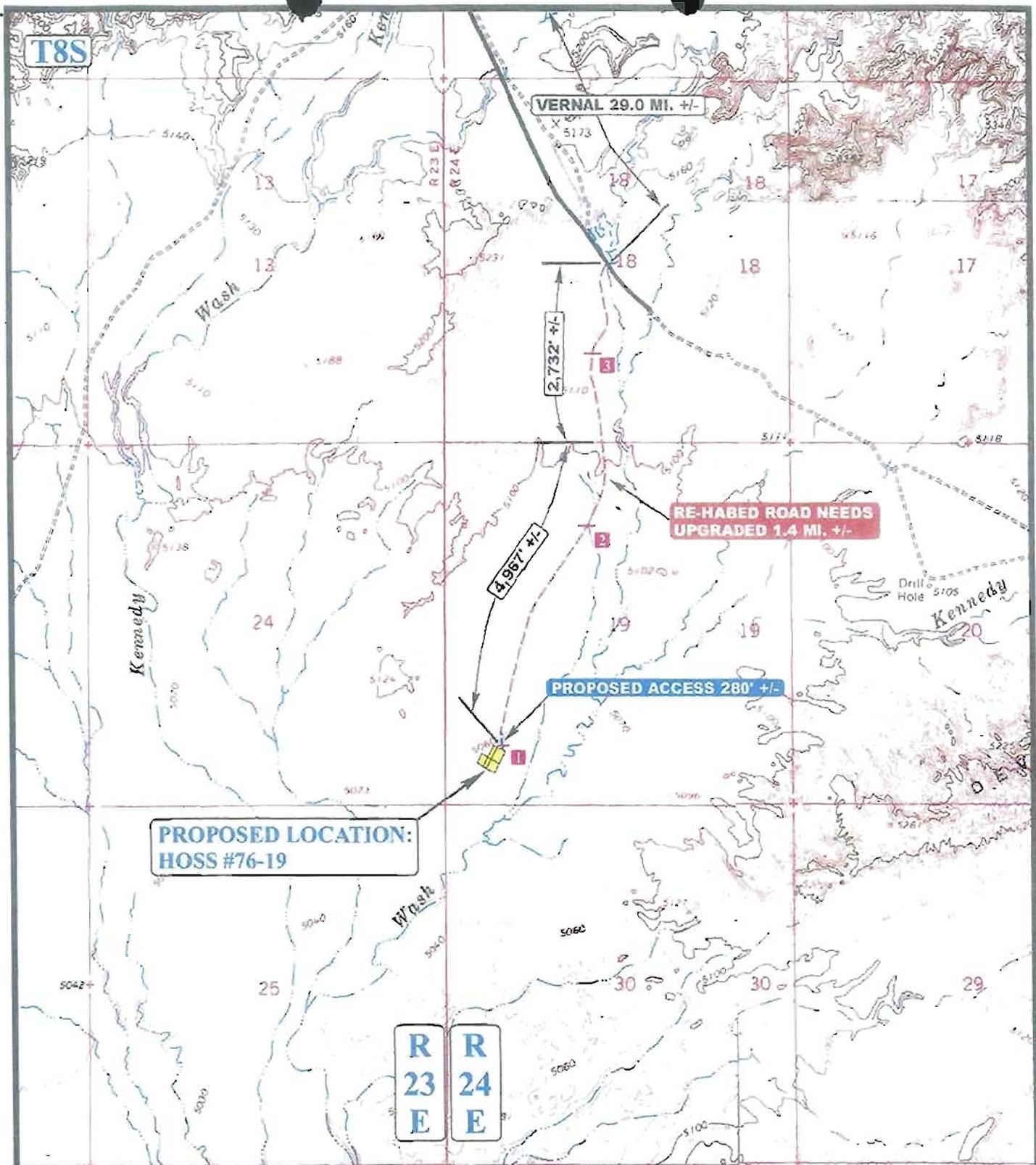
SCALE: 1" = 50'  
DATE: 11-01-06  
Drawn By: C.H.

Proposed Access  
Road



 RE-HABED AREA





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- RE-HABED ROAD NEEDS UPGRADED
- 1** 18" CMP REQUIRED
- 2** 24" CMP REQUIRED
- 3** LOW WATER CROSSING REQUIRED

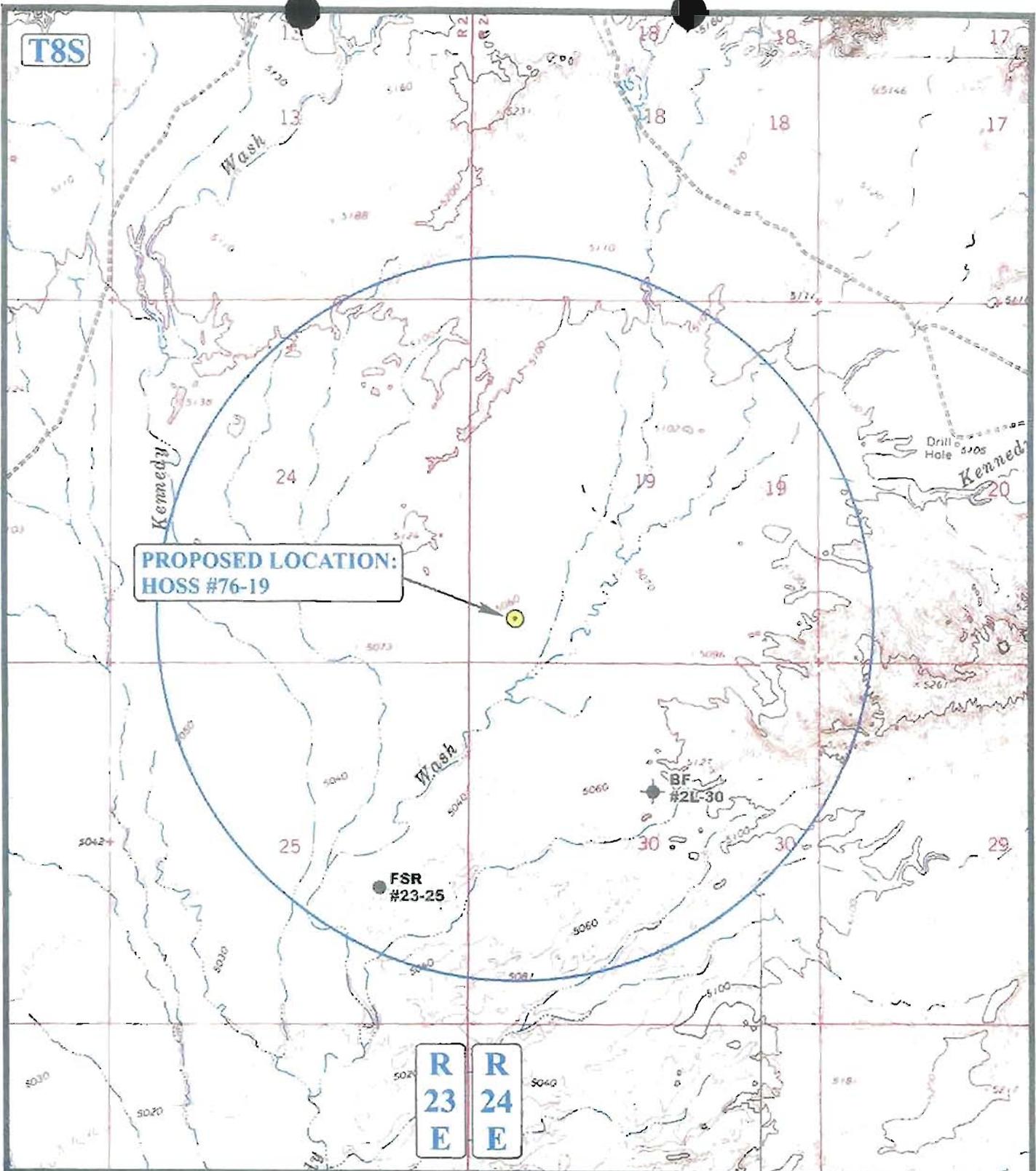
**EOG RESOURCES, INC.**

**HOSS #76-19**  
**SECTION 19, T8S, R24E, S.L.B.&M.**  
**660' FSL. 660' FWL.**

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



**TOPOGRAPHIC MAP** **10 31 06**  
 MONTH DAY YEAR  
**SCALE: 1" = 2000'** **DRAWN BY: L.K.** **REV: 12-04-06 S.L.** **B TOPO**



**PROPOSED LOCATION:  
HOSS #76-19**

**R 23 E**   **R 24 E**

**LEGEND:**

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



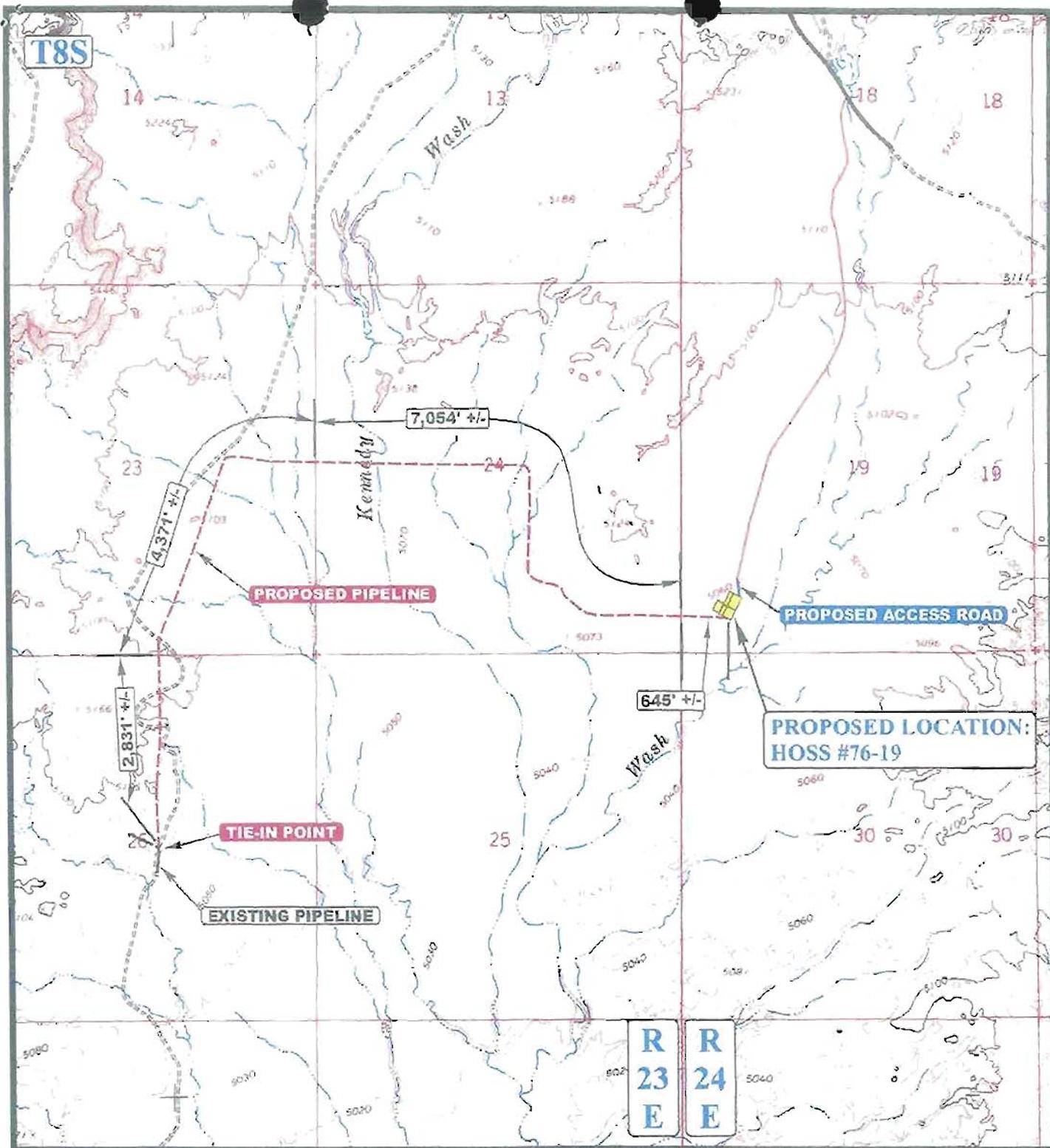
**EOG RESOURCES, INC.**

**HOSS #76-19**  
**SECTION 19, T8S, R24E, S.L.B.&M.**  
**660' FSL 660' FWL**

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

**TOPOGRAPHIC MAP** **10 31 06**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00

**C**  
**TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 14,857' +/-

**LEGEND:**

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



**EOG RESOURCES, INC.**

HOSS #76-19  
SECTION 19, T8S, R24E, S.L.B.&M.  
660' FSL 660' FWL

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

**TOPOGRAPHIC MAP** 10 31 06  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: L.K. REV: 12-04-06 S.L.

**D**  
TOPO

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/28/2006

API NO. ASSIGNED: 43-047-38952
--------------------------------

WELL NAME: HOSS 76-19  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: KAYLENE GARDNER

PHONE NUMBER: 435-781-9111

PROPOSED LOCATION:

SWSW 19 080S 240E  
 SURFACE: 0660 FSL 0660 FWL  
 BOTTOM: 0660 FSL 0660 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.10269 LONGITUDE: -109.2630  
 UTM SURF EASTINGS: 648060 NORTHINGS: 4440390  
 FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DGD	1/12/07
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU 77300  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. NM 2308 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-1501 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)  
(watch mesaverde)

LOCATION AND SITING:

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

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

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

- 1- Federal Approval
- 2 Spacing Slip
- 3- Commingle

# RED WASH FIELD

T8S R24E

KENNEDY  
WASH UNIT

N

H055 76-19

# BIG VALLEY FIELD

N8Z 4ML 30-8-24

OPERATOR: EOG RESOURCES INC (N9550)

SEC: 19 T.8S R. 24E

FIELD: UNDESIGNATED (002)

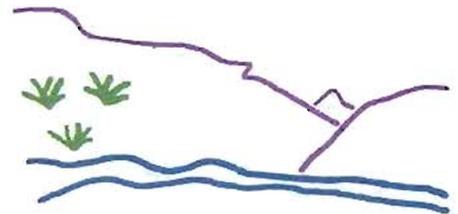
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

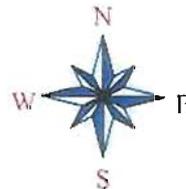
- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

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

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



*Utah Oil Gas and Mining*



PREPARED BY: DIANA MASON  
DATE: 3 JANUARY 2007



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 16, 2007

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

Re: Hoss 76-19 Well, 660' FSL, 660' FWL, SW SW, Sec. 19, T. 8 South,  
R. 24 East, Uintah County, Utah

Gentlemen:

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

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38952.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor (via e-mail)  
Bureau of Land Management, Vernal District Office

**Operator:** EOG Resources, Inc.

**Well Name & Number** Hoss 76-19

**API Number:** 43-047-38952

**Lease:** UTU 77300

**Location:** SW SW                      **Sec.** 19                      **T.** 8 South                      **R.** 24 East

### **Conditions of Approval**

**1. General**

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

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

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

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

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

RECEIVED

Form 3160-3  
(February 2005)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 14 2006

BLM VERNAL, UTAH

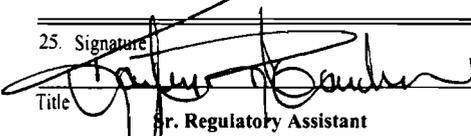
APPLICATION FOR PERMIT TO DRILL OR REENTER

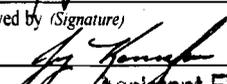
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement. Name and No.	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		8. Lease Name and Well No. <b>Hoss 76-19</b>	
2. Name of Operator <b>EOG RESOURCES, INC</b>		9. API Well No. <b>43-047-38952</b>	
3a. Address <b>1060 East Highway 40 Vernal, UT 84078</b>		3b. Phone No. (include area code) <b>435-781-9111</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>660 FSL &amp; 660 FWL (0.1 SWSW) 39.102694 Lat 109.263631 Lon</b> At proposed prod. zone <b>SAME</b>		10. Field and Pool, or Exploratory <b>Natural Buttes</b>	
14. Distance in miles and direction from nearest town or post office* <b>30.4 Miles South of Vernal, Utah</b>		11. Sec., T. R. M. or Blk. and Survey or Area <b>SEC. 19, T8S, R24E S.L.B.&amp;M</b>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	<b>660 Lease Line</b> <b>660 Drilling Line</b>	16. No. of acres in lease <b>1589</b>	17. Spacing Unit dedicated to this well <b>37</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	<b>5635</b>	19. Proposed Depth <b>9000</b>	20. BLM/BIA Bond No. on file <b>NM 2308</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5061 GL</b>	22. Approximate date work will start*	23. Estimated duration <b>45 DAYS</b>	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must 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 must 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 BLM.

25. Signature 	Name (Printed Typed) <b>Kaylene R. Gardner</b>	Date <b>12/13/2006</b>
Title <b>Regulatory Assistant</b>		

Approved by (Signature) 	Name (Printed Typed) <b>Jason Kovela</b>	Date <b>10-29-2007</b>
Title <b>Assistant Field Manager</b>	Office <b>VERNAL FIELD OFFICE</b>	

Application approval 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.  
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.

\*(Instructions on page 2)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED RECEIVED

NOV 02 2007

DIV. OF OIL, GAS & MINING

NOV 16/06  
027709087



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



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

**Company:** EOG Resources      **Location:** Lot 4, Sec. 19, T8S, R24E  
**Well No:** HOSS 76-19      **Lease No:** UTU-77300  
**API No:** 43-047-38952      **Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

**NOTIFICATION REQUIREMENTS**

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

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

**General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

**Specific Surface COAs**

- During construction and drilling BLM will be contacted if conditions are wet to determine if gravel shall be used on the roads and location prior to drilling. Road base will be placed on roads and location as needed.
- All Low water crossing will be built according to the BLM Gold Book standards with Cobble rock in the bottom,
- Culvert will be installed according to the BLM Gold Book
- Buried pipelines will be 6 ft deep or to bed rock.

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- A surface casing shoe integrity test shall be performed.
- A variance is granted for Onshore Order #2-Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored". Blooie line can be 75 feet.
- Production casing cement shall be at a minimum 200 feet inside the surface casing. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.
- The commingling approval for the Wasatch and Mesaverde formations can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

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

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person making the report along with a telephone number should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log CBL will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to [UT\\_VN\\_Welllogs@BLM.gov](mailto:UT_VN_Welllogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location  $\frac{1}{4}$   $\frac{1}{4}$ , 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.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: HOSS 76-19

Api No: 43-047-38952 Lease Type: FEDERAL

Section 19 Township 08S Range 24E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

### **SPUDDED:**

Date 11/30/07

Time 9:00 AM

How DRY

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

Reported by JERRY BARNES

Telephone # (435) 828-1720

Date 11/30/07 Signed CHD

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

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc.  
Address: 600 17th St., Suite 1000N  
city Denver  
state CO zip 80202

Operator Account Number: N 9550

Phone Number: (303) 824-5526

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38952	Hoss 76-19		SWSW	19	8S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16552	11/30/2007			12/31/07	
Comments: <u>PRRV = MVRD</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37853	East Chapita 4-05		SESW	5	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16547	12/1/2007			12/31/07	
Comments: <u>PRRV = MVRD</u>							

**Well 3**

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

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mary A. Maestas

Name (Please Print)

Signature

Regulatory Assistant

Title

12/3/2007

Date

**RECEIVED**

**DEC 04 2007**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

5. Lease Serial No.  
UTU77300

6. If Indian, Allottee or Tribe Name

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

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 76-19

2. Name of Operator  
EOG RESOURCES INC  
Contact: MARY A MAESTAS  
E-Mail: mary\_maestas@eogresources.com

9. API Well No.  
43-047-38952

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

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

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 19 T8S R24E SWSW 660FSL 660FWL  
39.10269 N Lat, 109.26363 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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports 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.)

The referenced well spud on 11/30/2007.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #57371 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal**

Name (Printed/Typed) MARY A MAESTAS Title REGULATORY ASSISTANT

Signature *Mary A Maestas* (Electronic Submission) Date 12/03/2007

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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 \_\_\_\_\_

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.

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

**RECEIVED**

**DEC 06 2007**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

5. Lease Serial No.  
UTU77300

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. HOSS 76-19
2. Name of Operator EOG RESOURCES INC		9. API Well No. 43-047-38952
Contact: MARY A MAESTAS E-Mail: mary_maestas@eogresources.com		
3a. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH/MV
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 19 T8S R24E SWSW 660FSL 660FWL 39.10269 N Lat, 109.26363 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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports 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.)

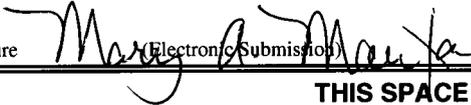
EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Chapita Wells Unit 2-29 SWD
4. Red Wash Evaporation ponds 1, 2, 3 & 4
5. RN Industries

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

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #57372 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal**

Name (Printed/Typed) MARY A MAESTAS	Title REGULATORY ASSISTANT
Signature  (Electronic Submission)	Date 12/03/2007

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

Approved By _____	Title _____	Date _____
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 _____

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.

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

**RECEIVED**

**DEC 06 2007**

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

**NOTICE OF LATE REPORTING  
DRILLING & COMPLETION INFORMATION**

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: EOG Resources, Inc. Today's Date: 04/21/2008

Well: 43 047 38952 API Number: \_\_\_\_\_ Drilling Commenced: \_\_\_\_\_  
Hoss 76-19  
85 24E 19

List Attached

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

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

If you have questions or concerns regarding this matter, please contact Rachel Medina  
at (801) 538-5260.

cc: Well File  
Compliance File

**NOTICE OF LATE REPORTING  
DRILLING & COMPLETION INFORMATION**

**ATTACHMENT**

Operator: EOG Resources, Inc.

Today's Date: 04/21/2008

Well:	API Number:	Drilling Commenced:
CWU 1362-32	4304739294	10/20/2007
NBU 563-19E	4304737537	10/28/2007
CWU 1043-23	4304737877	11/01/2007
NBU 456-2E	4304736053	11/06/2007
CWU 1093-27	4304738603	11/13/2007
E Chapita 3-5	4304737854	11/16/2007
E Chapita 44-05	4304738138	11/17/2007
CWU 1079-25	4304737879	11/20/2007
Hoss 13-31	4304738674	11/25/2007
Hoss <del>16</del> 19	4304738952	11/30/2007
E Chapita 4-5	4304737853	12/01/2007
CWU 689-33	4304737494	12/12/2007
Hoss 46-29	4304738726	12/15/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

5. Lease Serial No.  
UTU77300

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
HOSS 76-19

9. API Well No.  
43-047-38952

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES, INC

Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000 N.  
DENVER, CO 80202

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

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T8S R24E SWSW 660FSL 660FWL  
39.10269 N Lat, 109.26363 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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports 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.)

The referenced well was turned to sales on 4/21/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

**RECEIVED**

**APR 29 2008**

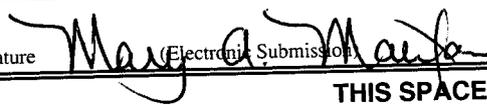
**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #59909 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature



(Electronic Submission)

Date 04/25/2008

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

Approved By \_\_\_\_\_

Title

Date

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

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.

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

## WELL CHRONOLOGY REPORT

Report Generated On: 04-25-2008

<b>Well Name</b>	HOSS 076-19	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	PONDEROSA	<b>API #</b>	43-047-38952	<b>Well Class</b>	ISA
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	01-17-2008	<b>Class Date</b>	04-21-2008
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,000/ 9,000	<b>Property #</b>	060541
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	7,132/ 7,132
<b>KB / GL Elev</b>	5,073/ 5,060				
<b>Location</b>	Section 19, T8S, R24E, SWSW, 660 FSL & 660 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	67.0

<b>AFE No</b>	304502	<b>AFE Total</b>	1,861,300	<b>DHC / CWC</b>	912,100/ 949,200
<b>Rig Contr</b>	ELENBURG	<b>Rig Name</b>	ELENBURG #29	<b>Start Date</b>	01-03-2007
<b>01-03-2007</b>	<b>Reported By</b>	SHARON CAUDILL			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			660' FSL & 660' FWL (LOT 4) SW/SW
			SECTION 19, T8S, R24E
			UINTAH COUNTY, UTAH
			LAT 39.102728, LONG 109.262953 (NAD 27)
			LAT 39.102694, LONG 109.263631 (NAD 83)
			RIG: ELENBURG #29
			OBJECTIVE: 9000' TD, MESAVERDE
			DW/GAS
			PONDEROSA PROSPECT
			DD&A: CHAPITA DEEP WELLS
			PONDEROSA FIELD
			LEASE: UTU-77300
			ELEVATION: 5060.7' NAT GL, 5060.0' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5060'), 5073' KB (13')
			EOG WI 100%, NRI 67%

**11-26-2007**      **Reported By**      TERRY CSERE

Daily Costs: Drilling \$38,000 Completion \$0 Daily Total \$38,000  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000  
 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED.

11-27-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000  
 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 40% COMPLETE.

11-28-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000  
 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LINE TODAY. WIND PERMITTING.

11-29-2007 Reported By TERRY CSERE

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000  
 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

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

11-30-2007 Reported By MICKENZIE THACKER

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000  
 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION/WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 11/30/07 @ 9:00 AM. SET 80' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 11/30/07 @ 8:15 AM.

12-13-2007 Reported By JERRY BARNES

<b>Daily Costs: Drilling</b>	\$208,780	<b>Completion</b>	\$0	<b>Daily Total</b>	\$208,780
<b>Cum Costs: Drilling</b>	\$246,780	<b>Completion</b>	\$0	<b>Well Total</b>	\$246,780

MD 2,555 TVD 2,555 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00 24.0 MIRU CRAIG'S AIR RIG #2 ON 12/3/2007. DRILLED 12-1/4" HOLE TO 2590' GL. ENCOUNTERED NO WATER. RAN 60 JTS (2542.70') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2555' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG. 200' OF 1" PIPE W/CHAIN WAS DROPPED DOWN BACKSIDE OF 9 5/8 CASING.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 190 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 200 SX (136 BBLs) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/ SX GILSONITE, 3#/ SX GR-3, 3% SALT & 1/4 #/ SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (42 BBLs) OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 PPG W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/193.4 BBLs FRESH WATER. BUMPED PLUG W/1000# @ 7:38 PM, 12/6/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 14 BBLs INTO LEAD CEMENT. NO CEMENT CIRCULATED TO SURFACE. HOLE FELL BACK WHEN PUMPING STOPPED.

TOP JOB # 1: MIXED & PUMPED 125 SX (20 BBLs) OF PREMIUM CEMENT W/4% CACL2, 1/4 #/ SX FLOCELE, & 50 # GR-3. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HRS 17 MINUTES.

TOP JOB # 2: MIXED & PUMPED 125 SX (20 BBLs) OF PREMIUM CEMENT W/4% CACL2 & 1/4 #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED WITH CEMENT TO SURFACE BUT FELL BACK SLOWLY WHEN PUMPING STOPPED. RDMO PRO PETRO CEMENTERS.

2-8-2007

FOUND CEMENT LEVEL @ 25'. MIXED & DUMPED 18 SX OF SAC-CRETE DOWN BACKSIDE. HOLE FILLED &

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

RAN IN HOLE W/STRAIGHT HOLE SURVEY. TAGGED CEMENT @ 2412'. PICKED UP TO 2392' & TOOK SURVEY @ 14 DEGREE.

WORK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 12/4/2007

01-15-2008

JANE C WINKLER

<b>Daily Costs: Drilling</b>	70	<b>Completion</b>	\$0	<b>Daily Total</b>	\$5,670
<b>Cum Costs: Drilling</b>	\$252,450	<b>Completion</b>	\$0	<b>Well Total</b>	\$252,450

MD 2,555 TVD 2,555 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RURT

Start	End	Hrs	Activity Description
06:00	07:00	1.0	THIRD PARTY SAFETY MEETING
07:00	17:00	10.0	RIG DOWN ROTARY TOOLS WITH TRUCKS
17:00	06:00	13.0	RIG UP ROTARY TOOLS, (MOB RIG IN MORNING) NO ACCIDENTS / INCIDENTS, NO RIG REPAIRS, FULL CREWS, SAFETY MEETING WITH THIRD PARTY CONTRACTORS, TRANSFER FROM CWU 1240-28, TO HOSS 76-19, 7 JTS 4.5 X 11.6#, N80 LTC CASING (297.01), AND 5954 GLS OF DIESEL, RIG MOVE IS APPROXIMATELY 17 MILES, , 1/13/2008 @ 1600 HRS NOTIFIED BLM VERNAL OFFICE JAMIE SPARGER, (435-781-4502), RIG MOVE TO HOSS 76-19, STARTS 1/14/2008 @ 0700 / 1/15/2008 BOP TEST @ 1300 HRS.

01-16-2008		Reported By		DUANE C WINKLER							
<b>Daily Costs: Drilling</b>		\$6,003	<b>Completion</b>		\$0	<b>Daily Total</b>		\$6,003			
<b>Cum Costs: Drilling</b>		\$258,453	<b>Completion</b>		\$0	<b>Well Total</b>		\$258,453			
<b>MD</b>	2,555	<b>TVD</b>	2,555	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>			<b>Perf :</b>		<b>PKR Depth : 0.0</b>				
<b>Activity at Report Time: RURT</b>											

Start	End	Hrs	Activity Description
06:00	08:00	2.0	WAIT ON TRUCKS
08:00	18:00	10.0	MOB EQUIPMENT TO LOCATION, RIG UP EQUIPMENT
18:00	00:00	6.0	RIG UP EQUIPMENT
00:00	06:00	6.0	SET BOPE ON WELL HEAD. RURT, NO ACCIDENTS / INCIDENTS, NO RIG REPAIRS, FULL CREWS, SAFETY MEETING WITH THIRD PARTY CONTRACTORS, 5954 GLS OF DIESEL ON HAND, RIG MOVE WAS 17 MILES, NOTIFIED VERNAL BLM INSPECTOR CAROL (435-781-4495) TO WITNESS BOPE TESTING, INSPECTOR DID NOT ARRIVE

01-17-2008		Reported By		DUANE C WINKLER							
<b>Daily Costs: Drilling</b>		\$54,518	<b>Completion</b>		\$700	<b>Daily Total</b>		\$55,218			
<b>Cum Costs: Drilling</b>		\$312,971	<b>Completion</b>		\$700	<b>Well Total</b>		\$313,671			
<b>MD</b>	2,555	<b>TVD</b>	2,555	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>			<b>Perf :</b>		<b>PKR Depth : 0.0</b>				
<b>Activity at Report Time: PREP TO DRILL SHOE TRACK</b>											

Start	End	Hrs	Activity Description
06:00	06:30	0.5	RIG UP ROTARY TOOLS.
06:30	10:30	4.0	NIPPLE UP BOPE,*****START DAY WORK 1/16/2008 @ 0630*****
10:30	15:30	5.0	TESTING BOPS/DIVERTER, TEST ALL VALVES ON CHOKE MANIFOLD, CHOKE LINE AND KILL LINE TESTED RAMS AND HYDRIL AND CASING, ALL 5K EQUIPMENT TO 5,000 HIGH AND 250 LOW, HYDRIL 2,500 HIGH AND 250 LOW, CASING TO 1,500. ALL TESTED GOOD.
15:30	16:30	1.0	INSTALL CORROSION RING IN SAVER SUB.
16:30	17:30	1.0	INSTALL WEAR BUSHING
17:30	18:00	0.5	PICK UP MUD MOTOR AND MAKE-UP BIT.
18:00	21:30	3.5	RIG REPAIR. WORK ON MUD PITS AND ACCUMLATOR.
21:30	22:30	1.0	WRAP BOPE WITH TARPS TO FREEZE PROTECT.

22:30 01:00 2.5 TRIP IN HOLE WITH BHA.  
 01:00 01:30 0.5 SWAP BOOM AROUND.  
 01:30 03:00 1.5 TRIP IN HOLE WITH BHA. TAG CMT @ 2453'.  
 03:00 04:00 1.0 INSTALL ROTATING RUBBER  
 04:00 04:30 0.5 DEVATION SURVEY 2388' @ 1.5 DEGREE  
 04:30 06:00 1.5 TIGHTENING BOLTS ON ROTATING HEAD,  
 NO ACCIDENTS / INCIDENTS,  
 RIG REPAIRS,  
 FULL CREWS,  
 SAFETY MEETING RIG UP EQUIPMENT, 10670 GLS OF DIESEL ON HAND, USED 350 GLS. (MUD LOGGER JOHATHAN ARRIETA ON LOCATION)

**01-18-2008**      **Reported By**      DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$104,089	<b>Completion</b>	\$0	<b>Daily Total</b>	\$104,089
<b>Cum Costs: Drilling</b>	\$417,060	<b>Completion</b>	\$700	<b>Well Total</b>	\$417,760

**MD**      4,483      **TVD**      4,483      **Progress**      1,928      **Days**      1      **MW**      0.0      **Visc**      0.0

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

**Activity at Report Time:** DRILLING @ 4483'

Start	End	Hrs	Activity Description
06:00	08:30	2.5	RIG REPAIR, INSTALL WIND WALLS AROUND BOPE
08:30	10:00	1.5	SURVEY @ 2388' INCLINATION OF 4.1 DEGREE
10:00	10:30	0.5	DRILLED CEMENT, FLOAT COLLAR, CEMENT, FLOAT SHOE @ 2555' DRILLED TO 2579'
10:30	11:00	0.5	FIT TEST @ 2555', PRESSURE WITH FRESH WATER TO 400 PSIG, EMW 10.3.
11:00	19:00	8.0	DRILLED 2555' - 3440', (885'), ROP 110, MW 9., VIS 30, GPM 410, NO LOSS/GAIN
19:00	19:30	0.5	DEVATION SURVEY 3395' @ 3.6 DEGREE
19:30	06:00	10.5	DRILLED 3440' - 4483'. (1043'), ROP 99, MW 9.6, VIS 32, GPM 410, LOST APPROXIMATELY 40 BBLs MUD FROM 4200' TO 4250', NO ACCIDENTS / INCIDENTS, RIG REPAIRS, FULL CREWS, SAFETY MEETING # 1: INSTALL ROTATING RUBBER, SAFETY MEETING # 2: HOUSE CLEANING,, 9072 GLS OF DIESEL ON HAND, USED 1598 GLS, (MUD LOGGER JOHATHAN ARRIETA ON LOCATION)

06:00                      18.0 SPUD 7 7/8" HOLE ON 1/17/2008 @ 11:00 HRS.

**01-19-2008**      **Reported By**      DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$30,189	<b>Completion</b>	\$0	<b>Daily Total</b>	\$30,189
<b>Cum Costs: Drilling</b>	\$447,249	<b>Completion</b>	\$700	<b>Well Total</b>	\$447,949

**MD**      6,025      **TVD**      6,025      **Progress**      1,542      **Days**      2      **MW**      9.6      **Visc**      32.0

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

**Activity at Report Time:** DRILLING @ 6025'

Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILLED 4483' - 5163'. (680'), ROP 85, MW 9.8, VIS 32, GPM 400, NO LOSS/GAIN
14:00	14:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC, BOP DRILL 30 SECONDS
14:30	06:00	15.5	DRILLED 5163' - 6025'. (862'), ROP 55, MW 9.8, VIS 30, GPM 400, NO LOSS/GAIN, NO ACCIDENTS / INCIDENTS, NO RIG REPAIRS, FULL CREWS,

SAFETY MEETING # 1: BOP DRILL, SAFETY MEETING # 2: MAKING CONNECTIONS,, 7343 GLS OF DIESEL ON HAND, USED 1729 GLS,  
(MUD LOGGER JOHATHAN ARRIETA ON LOCATION)

**01-20-2008**      **Reported By**      DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$35,762	<b>Completion</b>	\$0	<b>Daily Total</b>	\$35,762
<b>Cum Costs: Drilling</b>	\$483,182	<b>Completion</b>	\$700	<b>Well Total</b>	\$483,882

**MD**      7,130      **TVD**      7,130      **Progress**      1,090      **Days**      3      **MW**      9.8      **Visc**      31.0

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

**Activity at Report Time:** DRILLING@ 7130'

Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILLED 6040' - 6434'. (394'), ROP 49, MW 10, VIS 32, GPM 410, NO LOSS/GAIN
14:00	14:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC, BOP DRILL 36 SECONDS
14:30	06:00	15.5	DRILLED 6434' - 7130'. (696'), ROP 45, MW 10.3, VIS 34, GPM 410, NO LOSS/GAIN, NO ACCIDENTS / INCIDENTS, NO RIG REPAIRS, FULL CREWS, SAFETY MEETING # 1: CATCHING SAMPLES, SAFETY MEETING # 2: THAWING EQUIPMENT, 6089 GLS OF DIESEL ON HAND, USED 1254 GLS, (MUD LOGGER JOHATHAN ARRIETA ON LOCATION)

**01-21-2008**      **Reported By**      DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$29,698	<b>Completion</b>	\$0	<b>Daily Total</b>	\$29,698
<b>Cum Costs: Drilling</b>	\$512,880	<b>Completion</b>	\$700	<b>Well Total</b>	\$513,580

**MD**      **TVD**      7,793      **Progress**      663      **Days**      4      **MW**      10.4      **Visc**      37.0

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

**Activity at Report Time:** TOH FOR BIT #2

Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILLED 7130' - 7521'. (391'), ROP 49, MW 10.6, VIS 32, GPM 410, NO LOSS/GAIN
14:00	14:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC, HELD BOP DRILL. WELL SECURE IN 36 SECONDS.
14:30	20:30	6.0	DRILLED 7521' - 7793'. (272'), ROP 45, MW 10.8, VIS 36, GPM 410, NO LOSS/GAIN
20:30	06:00	9.5	TRIPPING OUT OF HOLE FOR BIT # 2. NO ACCIDENTS / INCIDENTS, NO RIG REPAIRS, FULL CREWS, SAFETY MEETING # 1: TRIPPING, SAFETY MEETING # 2: THAWING EQUIPMENT, 9089 GLS OF DIESEL ON HAND, USED 1500 GLS, (MUD LOGGER JOHATHAN ARRIETA ON LOCATION)

**01-22-2008**      **Reported By**      DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$65,107	<b>Completion</b>	\$2,100	<b>Daily Total</b>	\$67,207
<b>Cum Costs: Drilling</b>	\$578,110	<b>Completion</b>	\$2,800	<b>Well Total</b>	\$580,910

**MD**      8,370      **TVD**      8,370      **Progress**      577      **Days**      5      **MW**      10.4      **Visc**      33.0

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

**Activity at Report Time:** DRILLING

Start	End	Hrs	Activity Description
06:00	11:30	5.5	TRIPPING IN HOLE WITH BIT # 2, INSTALL ROTATING RUBBER
11:30	15:00	3.5	RIG REPAIR, CHANGE OUT BREAK PADS
15:00	15:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC, BOP DRILL 36 SECONDS
15:30	20:30	5.0	TRIPPING IN HOLE WITH BIT # 2

20:30 06:00 9.5 DRILLED 7793' TO 8370', (577'), ROP 60, MW 10.8, VIS 34, GPM 410, (LOST 380 BBLs DRILLING FLUIDS FROM 8000' TO 8200), NO ACCIDENTS / INCIDENTS, RIG REPAIRS, FULL CREWS, SAFETY MEETING # 1: COMMUNICATION, SAFETY MEETING # 2: PINCH POINTS, 7009 GLS OF DIESEL ON HAND, USED 2080 GLS, (MUD LOGGER JOHATHAN ARRIETA ON LOCATION) PRESENT SEEPAGE OF 10 BBLs MUD AN HOUR,

01-23-2008 Reported By DUANE C WINKLER

<b>Daily Costs: Drilling</b>	\$47,224	<b>Completion</b>	\$6,825	<b>Daily Total</b>	\$54,049
<b>Cum Costs: Drilling</b>	\$625,334	<b>Completion</b>	\$9,625	<b>Well Total</b>	\$634,959
<b>MD</b>	8,803	<b>TVD</b>	8,803	<b>Progress</b>	433
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Days</b>	6	<b>MW</b>
<b>Activity at Report Time:</b>	TOH FOR BIT @ 8803'		<b>Perf :</b>		<b>Visc</b>
					10.7
					<b>PKR Depth : 0.0</b>

Start	End	Hrs	Activity Description
06:00	17:00	11.0	DRILLED 8370' - 8730'. (360'), ROP 32, MW 10.7, VIS 33, GPM 410, NO LOSS/GAIN.
17:00	17:30	0.5	SERVICE RIG, CHECK CROWN-O-MATIC. BOP DRILL: WELL SECURE IN 38 SECONDS.
17:30	02:00	8.5	DRILLED 8730' - 8803'. (73') ROP 8, MW 10.7, VIS 35, GPM 400, NO LOSS OR GAIN.
02:00	04:00	2.0	BUILD AND PUMP SLUG.
04:00	06:00	2.0	TRIPPING OUT OF HOLE WITH BIT #2.

NO ACCIDENTS OR INCIDENTS, NO RIG REPAIRS,  
 FULL CREWS, SAFETY MEETING # 1: FOCUS, SAFETY MEETING # 2: CHANGING OUT TONG DIES,  
 4950 GALS OF DIESEL ON HAND, USED 2059 GALS  
 MUD LOGGER: JOHATHAN ARRIETA ON LOCATION

01-23-2008 Reported By R. DYSART D.WINKLER

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$41,665
<b>Cum Costs: Drilling</b>	\$67,000	<b>Completion</b>	\$9,625	<b>Well Total</b>	\$676,625
<b>MD</b>	9,000	<b>TVD</b>	9,000	<b>Progress</b>	197
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Days</b>	7	<b>MW</b>
<b>Activity at Report Time:</b>	CHK FOR SHORT TRIP @ 9000' TD		<b>Perf :</b>		<b>Visc</b>
					10.8
					<b>PKR Depth : 0.0</b>

Start	End	Hrs	Activity Description
06:00	07:00	1.0	TRIP IN HOLE FOR BIT, LAY OUT MOTOR & BIT.
07:00	08:00	1.0	MAKE UP BIT #3 & MOTOR. TRIP IN HOLE TO SHOE.
16:00	16:30	0.5	SERVICE RIG.
16:30	19:00	2.5	TRIP IN HOLE TO 6600'.
19:00	20:00	1.0	CIRCULATE BOTTOMS UP.
20:00	00:00	4.0	TRIP IN HOLE TO 8803'.
00:00	05:00	5.0	DRILL 8803' - 9000'. (197') ROP 39.4, WOB 20/25K, RPM 50 + 70, GPM 440, PSI 2150 M/W 10.9 VISC 34, NO LOSSES. REACHED TD OF 9000' AT 5:00 AM, 1/24/08.
05:00	06:00	1.0	CIRCULATE FOR SHORT TRIP, BUILD PILL.

NO ACCIDENTS OR INCIDENTS REPORTED. FULL CREWS  
 SAFETY MTGS: TRIPS X 2, CHECK COM X 2  
 FUEL: 3991 ON HAND, BOILER 24 HRS

LITHOLOGY: BGG 110-130, CONN GAS 250-500, TRIP GAS 2846 @ 8803'  
 SS 60%, SH 30%, SLTSTN 10%

MUD LOGGER JONATHON ARRIETA ON LOCATION DAY #8

djf

<b>01-25-2008</b>	<b>Reported By</b>	R. DYSART									
<b>Daily Costs: Drilling</b>	\$31,577	<b>Completion</b>	\$0	<b>Daily Total</b>	\$31,577						
<b>Cum Costs: Drilling</b>	\$698,578	<b>Completion</b>	\$9,625	<b>Well Total</b>	\$708,203						
<b>MD</b>	9.000	<b>TVD</b>	9.000	<b>Progress</b>	0	<b>Days</b>	8	<b>MW</b>	10.9	<b>Visc</b>	34.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: RUNNING PROD CASING

Start	End	Hrs	Activity Description
06	06:30	0.5	BUILD & PUMP PILL.
06	07:30	1.0	WIPER TRIP TO 8500'.
07:30	12:00	4.5	CIRCULATE & CONDITION MUD, BUILD & PUMP 250 BBL 13.5 PILL.
12:00	12:30	0.5	DROP SURVEY TOOL.
12:30		7.5	TRIP OUT OF HOLE FOR PROD. CASING.
20:00	21:00	2.0	PULL WEAR BUSHING, HOLD PRE-JOB SAFETY MTG. RIG UP FOR PROD CASING.
21:00	01:00	8.0	MAKE UP SHOE TRACK, CHECK FLOAT EQUIP. TRIP IN HOLE WITH 4 1/2" PROD CASING.

NO ACCIDENTS OR INCIDENTS REPORTED.

FULL CREWS

SAFETY MTGS: LDDP AND RUNNING CASING

FUEL: 2512 ON HAND, BOILER 24 HRS

djf

<b>01-26-2008</b>	<b>Reported By</b>	R. DYSART									
<b>Daily Costs: Drilling</b>	\$82,414	<b>Completion</b>	\$159,086	<b>Daily Total</b>	\$241,500						
<b>Cum Costs: Drilling</b>	\$780,992	<b>Completion</b>	\$168,711	<b>Well Total</b>	\$949,703						
<b>MD</b>	9.000	<b>TVD</b>	9.000	<b>Progress</b>	0	<b>Days</b>	9	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:30	2.5	RUN A TOTAL OF 209 JT'S (207 FULL JT'S + 2 MARKER JT'S) OF 4 1/2" 11.6 PPF P-110 LTC CASING AS FOLLOWS: FLOAT SHOE @ 8978', 1 JT CASING, FLOAT COLLAR @ 8931', 55 JT'S CASING, MARKER JT. @ 6537, 52 JT'S CASING, MARKER JT. @ 4272', 99 JTS CSG. TO SURFACE. INSTALL CENTRALIZER ON MIDDLE OF SHOE JT., TOP OF SHOE JT., THEN EVERY 3RD. JT. TO 6200' FOR A TOTAL OF 22 CENTRALIZERS. THREAD-LOCK SHOE, 1ST JT, FLOAT COLLAR & 2ND JT.  STRING WT. 110K. TAG BOTTOM @ 9000' MAKE UP FLUTED MANDREL HANGER & LANDING JT. LAND SAME. FMC ON SITE TO SUPERVISE.
08:30	14:00	5.5	RU SCHLUMBERGER. HOLD PRE-JOB SAFETY MTG. TEST LINES TO 5000 PSI. PUMP 20 BBLS CHEMICAL WASH AND 20 BBLS WATER SPACER. MIXED AND PUMPED 385 SKS 35:65 POZ G + ADDITIVES (YIELD 2.26) AT 12 PPG WITH 12.94 GPS H2O. MIXED AND PUMPED TAIL 1400 SKS 50:50 POZ G + ADDITIVES (YIELD 1.29) AT 14.1 PPG WITH 5.98 GPS H2O. DISPLACED TO FLOAT COLLAR WITH 138 BBL H2O WITH 2 GAL/1000 LO64 FRESH WATER. AVG MIX AND DISPLACEMENT RATE 6.6 BPM. LOST RETURNS 40 BBL INTO TAIL. FINAL PUMP PRESSURE 2400 PSI AT 2.3 BPM. BUMPED PLUG TO 3400 PSI. BLED OFF PRESSURE, FLOATS HELD. LEAVE CEMENT HEAD ON FOR 1 HR. RIG DOWN CEMENTERS.

14:00 14:30 0.5 FMC SET PACK OFF BUSHING, TEST SEALS TO 5000 PSI  
 14:30 00:00 9.5 NIPPLE DOWN BOP, CLEAN OUT MUD TANKS & PRE-MIX.  
 TRANSFER 1100 GAL. FUEL, 365.74' P-110, 241.07 N-80 TO HOSS 13-31  
 00:00 06:00 6.0 RIG DOWN, PREP FOR RIG MOVE TO HOSS 13-31, 10.9 MILES  
 06:00 18.0 RIG RELEASED @ 00:00 HRS, 01/26/08.  
 CASING POINT COST \$722,769

**01-30-2008** Reported By SEARLE  
**Daily Costs: Drilling** \$0 **Completion** \$43,895 **Daily Total** \$43,895  
**Cum Costs: Drilling** \$780,992 **Completion** \$212,606 **Well Total** \$993,598  
**MD** 9,000 **TVD** 9,000 **Progress** 0 **Days** 10 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 8931.0 **Perf :** **PKR Depth :** 0.0  
**Activity at Report Time:** PREP FOR FRACS  
**Start End Hrs Activity Description**  
 06:00 06:00 24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 970'. EST CEMENT TOP @ 1650'.  
 RD SCHLUMBERGER.

**02-17-2008** Reported By MCCURDY  
**Daily Costs: Drilling** \$0 **Completion** \$1,653 **Daily Total** \$1,653  
**Cum Costs: Drilling** \$780,992 **Completion** \$214,259 **Well Total** \$995,251  
**MD** 9,000 **TVD** 9,000 **Progress** 0 **Days** 11 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 8931.0 **Perf :** **PKR Depth :** 0.0  
**Activity at Report Time:** WO COMPLETION  
**Start End Hrs Activity Description**  
 09:00 10:00 1.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.

**02-19-2008** Reported By SEARLE  
**Daily Costs: Drilling** \$9,846 **Completion** \$9,846 **Daily Total** \$9,846  
**Cum Costs: Drilling** \$790,838 **Completion** \$224,105 **Well Total** \$1,005,097  
**MD** 9,000 **TVD** 9,000 **Progress** 0 **Days** 12 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 8931.0 **Perf :** 8104-8384 **PKR Depth :** 0.0  
**Activity at Report Time:** SI FOR BHP  
**Start End Hrs Activity Description**  
 06:00 06:00 1.0 OLF WL. PERFORATED LPR FROM 8104'-05', 8116'-17', 8136'-37', 8155'-56', 8177'-78', 8188'-89',  
 8201'-10', 8211'-12', 8225'-26', 8248'-49', 8264'-65', 8320'-21', 8345'-46', 8352'-53', 8362'-62' & 8383'-84' @ 3  
 CASING.RDWL. SI FOR BHPBU.

**02-20-2008** Reported By MCCURDY  
**Daily Costs: Drilling** \$2,178 **Completion** \$2,178 **Daily Total** \$2,178  
**Cum Costs: Drilling** \$793,016 **Completion** \$226,283 **Well Total** \$1,007,275  
**MD** 9,000 **TVD** 9,000 **Progress** 0 **Days** 12 **MW** 0.0 **Visc** 0.0  
**Formation :** MESAVERDE **PBTD :** 8931.0 **Perf :** 7841'-8384' **PKR Depth :** 0.0  
**Activity at Report Time:** FRAC MPR/UPR

Start	End	Hrs	Activity Description
06:00	21:30	15.5	RU LONE WL. RU SCHLUMBERGER. FRAC LPR DOWN CASING WITH 165 GAL GYPTRON T-106, 4609 GAL YF116 PAD, 46858 GAL YF116ST+ W/136100# 20/40 SAND @ 1-5 PPG. MTP 6379 PSIG. MTR 49.2 BPM. ATP 4724 PSIG. ATR 46.7 BPM. ISIP 3340 PSIG. RD SCHLUMBERGER.
RUWL. SET 10K CFP AT 8078'. PERFORATED MPR/LPR FROM 7841'-42', 7870'-71', 7882'-83', 7886'-87', 7896'-97', 7921'-22', 7938'-39', 7960'-61', 7998'-99', 8045'-47' & 8062'-63' @ 3 SPF & 120° PHASING. RDWL. SDFN.			

02-27-2008      Reported By      MCCURDY

Daily Costs: Drilling	\$0	Completion	\$1,468	Daily Total	\$1,468						
Cum Costs: Drilling	\$780,992	Completion	\$227,751	Well Total	\$1,008,743						
MD	9,000	TVD	9,000	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : MESAVERDE	PBDT : 8931.0		Perf : 7180'-8384'		PKR Depth : 0.0						

Activity at Report Time: FRAC

Start	End	Hrs	Activity Description
06:00	19:00	13.0	SICP 2617 PSIG. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4612 GAL YF116 PAD, 40307 GAL YF116ST+ W/112400# 20/40 SAND @ 1-5 PPG. MTP 7175 PSIG. MTR 7175 BPM. ATP 5212 PSIG. ATR 47.8 BPM. ISIP 3400 PSIG. RD SCHLUMBERGER.
RUWL. SET 10K CFP AT 7815'. PERFORATED MPR FROM 7613'-14', 7627'-28', 7633'-34', 7664'-65', 7673'-74', 7683'-84', 7712'-13', 7739'-40', 7755'-56', 7764'-65', 7769'-70' & 7797'-98' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4586 GAL YF116 PAD, 35734 GAL YF116ST+ W/98700# 20/40 SAND @ 1-4 PPG. SCREENED OUT 8 BBLs SHORT OF FLUUSH. MTP 8972 PSIG. MTR 51 BPM. ATP 5912 PSIG. ATR 46 BPM. ISIP N/A SCREENED OUT 8 BBLs SHORT OF FLUSH. FLOWED 2.5 HRS. 16/64 CHOKE. RECOVERED 200 BBLs. RD SCHLUMBERGER.			
RUWL SET 10K CFP AT 7587'. PERFORATE MPR FROM 7409'-10', 7419'-20', 7425'-26', 7445'-46', 7457'-58', 7465'-66', 7506'-07', 7513'-14', 7528'-29', 7541'-42', 7552'-53', 7572'-73' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5205 GAL YF116 PAD, 54359 GAL YF116ST+ WITH 156700 # 20/40 SAND @ 1-4 PPG. MTP 6389 PSIG. MTR 50.6 BPM. ATP 4398 PSIG. ATR 48.4 BPM. ISIP 2400 PSIG. RD SCHLUMBERGER.			
RUWL SET 10K CFP AT 7380'. PERFORATE MPR FROM 7180'-81', 7195'-96', 7212'-13', 7230'-31', 7238'-39', 7262'-63', 7272'-73', 7287'-88', 7315'-16', 7321'-22', 7348'-49', 7355'-56' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5216 GAL YF116 PAD, 59913 GAL YF116ST+ W/171700# 20/40 SAND @ 1-4 PPG. MTP 6158 PSIG. MTR 51.1 BPM. ATP 4212 PSIG. ATR 47.5 BPM. ISIP 2440 PSIG. RD SCHLUMBERGER. SDFN.			

02-28-2008      Reported By      MCCURDY

Daily Costs: Drilling	\$0	Completion	\$5,273	Daily Total	\$5,273						
Cum Costs: Drilling	\$780,992	Completion	\$233,024	Well Total	\$1,014,016						
MD	9,000	TVD	9,000	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : MESAVERDE	PBDT : 8931.0		Perf : 5719'-8384'		PKR Depth : 0.0						

Activity at Report Time: FRAC CA / BA

Start	End	Hrs	Activity Description
06:00	17:00	11.0	SICP 1600 PSIG. RUWL SET 10K CFP AT 7125'. PERFORATED UP R FROM 6886'-87', 6900'-01', 6909'-10', 6959'-60', 6973'-74', 6988'-89', 7018'-19', 7042'-43', 7055'-56', 7070'-71', 7083'-84' & 7095'-96' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5211 GAL YF116 PAD, 66874 GAL YF116ST+ W/198600# 20/40 SAND @ 1-5 PPG. MTP 5368 PSIG. MTR 51 BPM. ATP 4081 PSIG. ATR 49.1 BPM. ISIP 2700 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6800'. PERFORATED NORTH HORN FROM 6495'-96', 6505'-06', 6548'-49', 6568'-69', 6586'-87', 6611'-12', 6618'-19', 6642'-43', 6655'-56', 6674'-75', 6753'-54' & 6760'-61' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4590 GAL YF116 PAD, 47419 GAL YF116ST+ W/135900# 20/40 SAND @ 1-4 PPG. MTP 5178 PSIG. MTR 51.1 BPM. ATP 3888 PSIG. ATR 48.6 BPM. ISIP 2250 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6452'. PERFORATED Ba/NORTH HORN FROM 6237'-38', 6250'-51', 6263'-64', 6272'-73', 6288'-89', 6300'-01', 6319'-20', 6327'-28', 6353'-54', 6359'-60', 6378'-79', 6389'-90', 6423'-24' & 6432'-33' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5235 GAL YF116 PAD, 59710 GAL YF116ST+ W/174300# 20/40 SAND @ 1-5 PPG. MTP 5077 PSIG. MTR 51.1 BPM. ATP 3749 PSIG. ATR 49.3 BPM. ISIP 2520 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 6210'. PERFORATED Ba FROM 5994'-95', 6047'-48', 6073'-74', 6089'-90', 6132'-33', 6145'-46', 6151'-52', 6160'-61', 6170'-71', 6180'-81', 6188'-89' & 6196'-97' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4180 GAL YF116 PAD, 36354 GAL YF116ST+ W/105400# 20/40 SAND @ 1-5 PPG. MTP 5269 PSIG. MTR 51.1 BPM. ATP 4003 PSIG. ATR 48.4 BPM. ISIP 2200 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 5930'. PERFORATED Ca/Ba FROM 5707'-08' (MISFIRED), 5719'-20', 5748'-49', 5774'-75', 5792'-93', 5809'-10', 5819'-20', 5842'-43', 5857'-58', 5894'-95', 5901'-02', 5913'-14' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4163 GAL YF116, 32692 GAL YF116ST+ WITH 81400 # 20/40 SAND @ 1-4 PPG. MTP 8000 PSIG. MTR 50.8 BPM. ATP 4190 PSIG. ATR 46.1 BPM. ISIP 1800 PSIG. RD SCHLUMBERGER. SWIFN

<b>02-29-2008</b>		<b>Reported By</b>		MCCURDY							
<b>Daily Costs: Drilling</b>	\$0			<b>Completion</b>	\$459,489	<b>Daily Total</b>		\$459,489			
<b>Cum Costs: Drilling</b>	\$780,992			<b>Completion</b>	\$692,513	<b>Well Total</b>		\$1,473,505			
<b>MD</b>	9,000	<b>TVD</b>	9,000	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 8931.0</b>			<b>Perf : 5071'-8384'</b>			<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: PREP TO MIRUSU</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	12:30		1270 PSIG. RUWL SET 6K CFP AT 5677'. PERFORATED Ca FROM 5359'-60', 5441'-42', 5504'-05', 5545'-46', 5571'-72', 5601'-02', 5608'-10', 5631'-32', 5648'-49' & 5660'-61' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/8608 GAL YF116PAD, 32884 GAL YF116ST+ W/81600# 20/40 SAND @ 1-4 PPG. MTP 5182 PSIG. MTR 51.1 BPM. ATP 3436 PSIG. ATR 46.1 BPM. ISIP 1900 PSIG. RD SCHLUMBERGER. SWIFN CFP AT 5270'. PERFORATED Pp/Ca FROM 5071'-72', 5091'-93', 5099'-101', 5134'-36', 5145'-47', 5171'-32' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4193 GAL YF116 PAD, 38244 GAL YF116ST+ W/113400# 20/40 SAND @ 1-4 PPG. MTP 4394 PSIG. MTR 51.1 BPM. ATP 3888 PSIG. ATR 48.2 BPM. ISIP 2250 PSIG. RD SCHLUMBERGER. CFP AT 4959'. BLEED OFF PRESSURE. RDWL. SDFN.								

<b>03-04-2008</b>		<b>Reported By</b>		LOP							
				<b>Completion</b>	\$32,998	<b>Daily Total</b>		\$32,998			
				<b>Completion</b>	\$725,511	<b>Well Total</b>		\$1,506,503			
<b>MD</b>		<b>TVD</b>	9,000	<b>Progress</b>	0	<b>Days</b>	16	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 8931.0</b>			<b>Perf : 5071'-8384'</b>			<b>PKR Depth : 0.0</b>			
<b>Activity at Report Time: CLEAN OUT AFTER FRAC</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	SICP 0 PSIG. MIRUSU. ND TREE. NU BOP. RIH W/BIT & PUMP OFF SUB TO 4959'. SDFN.								

03-05-2008 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$9,293 Daily Total \$9,293  
 Cum Costs: Drilling \$780,992 Completion \$734,804 Well Total \$1,515,796  
 MD 9.000 TVD 9.000 Progress 0 Days 17 MW 0.0 Visc 0.0  
 Formation : MESAVERDE PBTD : 8931.0 Perf : 5071'-8384' PKR Depth : 0.0

Activity at Report Time: DRILL PLUGS

Start	End	Hrs	Activity Description
06:00	06:00	0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 6450', 6740', 7090', 7420', 7750', 8140' & 8420'. TAG CFP @ 6800'. FAN BELT BROKE ON RIG. POH TO 6563'. CONTINUE CIRCULATING, 6-HRS. WHILE REPAIRING RIG. SDFN.

03-05-2008 Reported By HISLOP

Daily Costs: Drilling \$62,883 Daily Total \$62,883  
 Cum Costs: Drilling \$780,992 Completion \$797,687 Well Total \$1,578,679  
 MD 9.000 TVD 9.000 Progress 0 Days 18 MW 0.0 Visc 0.0  
 Formation : MESAVERDE PBTD : 8931.0 Perf : 5071'-8384' PKR Depth : 0.0

Activity at Report Time: DRILL PLUGS

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 6800', 7125', 7380', 7587', 7815', & 8078'. RIH CLEANED OUT & DRILLED OUT PLUGS @ 6800'. LANDED TUBING @ 7132' KB. ND BOP. NU TREE. PUMPED OFF BIT & SUB. RD MOSU.

FLOWED 16 HRS. 24/64 CHOKE. FTP 650 PSIG. CP 850 PSIG. 68 BFPH. RECOVERED 1116 BLW. 14584 BLWTR.

TUBING DETAIL: LENGTH:

PUMP OFF BIT SUB .91'  
 1 JT 2-3/8" 4.7# L-80 TBG 32.80'  
 XN NIPPLE 1.30'  
 216 JTS 2-3/8" 4.7# L-80 TBG 7084.16'  
 BELOW KB 13.00'  
 LANDED @ 7132.17' KB

03-07-2008 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$2,775 Daily Total \$2,775  
 Cum Costs: Drilling \$780,992 Completion \$800,462 Well Total \$1,581,454  
 MD 9.000 TVD 9.000 Progress 0 Days 19 MW 0.0 Visc 0.0  
 Formation : MESAVERDE PBTD : 8931.0 Perf : 5071'-8384' PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 750 PSIG. 58 BFPH. RECOVERED 1412 BLW. 13172 BLWTR.

03-08-2008 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$2,976 Daily Total \$2,976  
 Cum Costs: Drilling \$780,992 Completion \$803,438 Well Total \$1,584,430  
 MD 9.000 TVD 9.000 Progress 0 Days 20 MW 0.0 Visc 0.0

Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: FLOW TESTING

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64 CHOKE. FTP 450 PSIG. CP 700 PSIG. 52 BFPH. RECOVERED 1204 BLW. 11968 BLWTR.

03-09-2008      Reported By      HISLOP

DailyCosts: Drilling	\$0	Completion	\$2,775	Daily Total	\$2,775
Cum Costs: Drilling	\$780,992	Completion	\$806,213	Well Total	\$1,587,205

MD	9,000	TVD	9,000	Progress	0	Days	21	MW	0.0	Visc	0.0
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Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 450 PSIG. CP 650 PSIG. 44 BFPH. RECOVERED 1024 BLW. 10944 BLWTR.

03-10-2008      Reported By      HISLOP

DailyCosts: Drilling	\$0	Completion	\$2,775	Daily Total	\$2,775
Cum Costs: Drilling	\$780,992	Completion	\$808,988	Well Total	\$1,589,980

MD	9,000	TVD	9,000	Progress	0	Days	22	MW	0.0	Visc	0.0
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Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 450 PSIG. CP 1500 PSIG. 43 BFPH. RECOVERED 1040 BLW. 9004 BLWTR.

03-11-2008      Reported By      HISLOP

DailyCosts: Drilling	\$0	Completion	\$2,775	Daily Total	\$2,775
Cum Costs: Drilling	\$780,992	Completion	\$811,763	Well Total	\$1,592,755

MD	9,000	TVD	9,000	Progress	0	Days	23	MW	0.0	Visc	0.0
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Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64 CHOKE. FTP 450 PSIG. CP 1950 PSIG. 44 BFPH. RECOVERED 1044 BLW. 8337 BLWTR.

03-12-2008      Reported By      HISLOP

DailyCosts: Drilling	\$0	Completion	\$3,405	Daily Total	\$3,405
Cum Costs: Drilling	\$780,992	Completion	\$815,168	Well Total	\$1,596,160

MD	9,000	TVD	9,000	Progress	0	Days	24	MW	0.0	Visc	0.0
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Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 800 PSIG. CP 1950 PSIG. 43 BFPH. RECOVERED 1040 BLW. 7820 BLWTR.

03-13-2008      Reported By      HISLOP

DailyCosts: Drilling	\$0	Completion	\$4,074	Daily Total	\$4,074
Cum Costs: Drilling	\$780,992	Completion	\$819,242	Well Total	\$1,600,234

MD	9,000	TVD	9,000	Progress	0	Days	25	MW	0.0	Visc	0.0
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Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1000 PSIG. CP 1650 PSIG. 41 BFPH. RECOVERED 1004 BLW. 6816 BLWTR.

03-14-2008      Reported By      HISLOP

Daily Costs: Drilling	\$0	Completion	\$3,513	Daily Total	\$3,513						
Cum Costs: Drilling	\$780,992	Completion	\$822,755	Well Total	\$1,603,747						
MD	9,000	TVD	9,000	Progress	0	Days	26	MW	0.0	Visc	0.0

Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1050 PSIG. CP 2000 PSIG. 39 BFPH. RECOVERED 936 BLW. 5880 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 3/13/08

04-22-2008      Reported By      DUANE COOK

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$780,992	Completion	\$822,755	Well Total	\$1,603,747						
MD	9,000	TVD	9,000	Progress	0	Days	27	MW	0.0	Visc	0.0

Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: INITITAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION: TURNED TO GAS SALES. SITP 750 & SICP 2200 PSIG. TURNED WELL TO WFS SALES AT 12:00 PM, 4/21/08. FLOWING 185 MCFD RATE ON 12/64" POS CK. STATIC 320.

04-23-2008      Reported By      ALAN WATKINS

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$780,992	Completion	\$822,755	Well Total	\$1,603,747						
MD	9,000	TVD	9,000	Progress	0	Days	28	MW	0.0	Visc	0.0

Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 51 MCF 10 BC & 210 BW IN 24 HRS ON 14/64" CHOKE, TP 680 PSIG, CP 2200 PSIG.

04-24-2008      Reported By      ALAN WATKINS

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$780,992	Completion	\$822,755	Well Total	\$1,603,747						
MD	9,000	TVD	9,000	Progress	0	Days	29	MW	0.0	Visc	0.0

Formation : MESAVERDE      PBTB : 8931.0      Perf : 5071'-8384'      PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 61 MCF 10 BC & 210 BW IN 24 HRS ON 14/64" CHOKE, TP 750 PSIG, CP 2250 PSIG.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU77300

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
HOSS 76-19

3. Address 600 17TH STREET SUITE 1000N  
DENVER, CO 80202 3a. Phone No. (include area code)  
Ph: 303-824-5526

9. API Well No.  
43-047-38952

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Lot 4 660FSL 660FWL 39.10269 N Lat, 109.26363 W Lon  
At top prod interval reported below Lot 4 660FSL 660FWL 39.10269 N Lat, 109.26363 W Lon  
At total depth Lot 4 660FSL 660FWL 39.10269 N Lat, 109.26363 W Lon

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

11. Sec., T., R., M., or Block and Survey  
or Area Sec 19 T8S R24E Mer SLB

12. County or Parish  
UINTAH 13. State  
UT

14. Date Spudded  
11/30/2007 15. Date T.D. Reached  
01/24/2008 16. Date Completed  
 D & A  Ready to Prod.  
04/21/2008

17. Elevations (DF, KB, RT, GL)\*  
5061 GL

18. Total Depth: MD 9000 TVD 19. Plug Back T.D.: MD 8931 TVD 20. Depth Bridge Plug Set: MD TVD

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	2555		668			
7.875	4.500 P-110	11.6	0	8978		1785			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7132							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A WASATCH/MESAVERDE	5071	8384	8104 TO 8384		3	
B)			7841 TO 8063		3	
C)			7613 TO 7798		3	
D)			7409 TO 7573		3	

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

Depth Interval	Amount and Type of Material
8104 TO 8384	51,632 GALS GELLED WATER & 136,100# 20/40 SAND
7841 TO 8063	45,084 GALS GELLED WATER & 112,400# 20/40 SAND
7613 TO 7798	40,485 GALS GELLED WATER & 98,700# 20/40 SAND
7409 TO 7573	59,729 GALS GELLED WATER & 156,700# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/21/2008	05/12/2008	24	→	20.0	743.0	280.0			FLOWES FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
16/64"	SI 1275	1895.0	→	20	743	280		PGW	

28a. Production - Interval B

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

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #60385 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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MAY 21 2008

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH/MESAVERDE	5071	8384		GREEN RIVER	1816
				MAHOGANY	2461
				UTELAND BUTTE	4395
				WASATCH	4543
				CHAPITA WELLS	5131
				BUCK CANYON	5807
				PRICE RIVER	6667
MIDDLE PRICE RIVER	7177				

32. Additional remarks (include plugging procedure):  
Please see the attached sheet for detailed perforation and additional formation marker information.

33. Circle enclosed attachments:

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

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

**Electronic Submission #60385 Verified by the BLM Well Information System.**  
For EOG RESOURCES, INC., sent to the Vernal

Name (please print) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature  (Electronic Submission) Date 05/20/2008

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.

**Hoss 76-19 - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

7180-7356	3/spf
6886-7096	3/spf
6495-6761	3/spf
6237-6433	2/spf
5994-6197	3/spf
5719-5914	3/spf
5359-5661	3/spf
5071-5232	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

7180-7356	65,294 GALS GELLED WATER & 171,700# 20/40 SAND
6886-7096	72,250 GALS GELLED WATER & 198,600# 20/40 SAND
6495-6761	52,174 GALS GELLED WATER & 135,900# 20/40 SAND
6237-6433	65,110 GALS GELLED WATER & 174,300# 20/40 SAND
5994-6197	40,534 GALS GELLED WATER & 105,400# 20/40 SAND
5719-5914	36,855 GALS GELLED WATER & 81,400# 20/40 SAND
5359-5661	41,492 GALS GELLED WATER & 81,600# 20/40 SAND
5071-5232	42,437 GALS GELLED WATER & 113,400# 20/40 SAND

Perforated the Lower Price River from 8104-05', 8116-17', 8136-37', 8155-56', 8177-78', 8188-89', 8202-03', 8211-12', 8225-26', 8248-49', 8264-65', 8320-21', 8345-46', 8352-53', 8362-63' & 8383-84' w/ 3 spf.

Perforated the Middle/Lower Price River from 7841-42', 7870-71', 7882-83', 7886-87', 7896-97', 7921-22', 7938-39', 7960-61', 7998-99', 8045-47' & 8062-63' w/ 3 spf.

Perforated the Middle Price River from 7613-14', 7627-28', 7633-34', 7664-65', 7673-74', 7683-84', 7712-13', 7739-40', 7755-56', 7764-65', 7769-70' & 7797-98' w/ 3 spf.

Perforated the Middle Price River from 7409-10', 7419-20', 7425-26', 7445-46', 7457-58', 7465-66', 7506-07', 7513-14', 7528-29', 7541-42', 7552-53' & 7572-73' w/ 3 spf.

Perforated the Middle Price River from 7180-81', 7195-96', 7212-13', 7230-31', 7238-39', 7262-63', 7272-73', 7287-88', 7315-16', 7321-22', 7348-49' & 7355-56' w/ 3 spf.

Perforated the Upper Price River from 6886-87', 6900-01', 6909-10', 6959-60', 6973-74', 6988-89', 7018-19', 7042-43', 7055-56', 7070-71', 7083-84' & 7095-96' w/ 3 spf.

Perforated the North Horn from 6495-96', 6505-06', 6548-49', 6568-69', 6586-87', 6611-12', 6618-19', 6642-43', 6655-56', 6674-75', 6753-54' & 6760-61' w/ 3 spf.

Perforated the Ba/North Horn from 6237-38', 6250-51', 6263-64', 6272-73', 6288-89', 6300-01', 6319-20', 6327-28', 6353-54', 6359-60', 6378-79', 6389-90', 6423-24' & 6432-33' w/ 2 spf.

Perforated the Ba from 5994-95', 6047-48', 6073-74', 6089-90', 6132-33', 6145-46', 6151-52', 6160-61', 6170-71', 6180-81', 6188-89' & 6196-97' w/ 3 spf.

Perforated the Ca/Ba from 5719-20', 5748-49', 5774-75', 5792-93', 5809-10', 5819-20', 5842-43', 5857-58', 5894-95', 5901-02' & 5913-14' w/ 3 spf.

Perforated the Ca from 5359-60', 5441-42', 5504-05', 5545-46', 5570-72', 5601-02', 5608-10', 5631-32', 5648-49' & 5660-61' w/ 3 spf.

Perforated the Pp/Ca from 5071-72', 5091-93', 5099-5101', 5134-36', 5145-47', 5153-55' & 5231-32' w/ 3 spf.

## 52. FORMATION (LOG) MARKERS

Lower Price River	7925
Sego	8449
Castlegate	8642
Blackhawk	8794

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: HOSS 76-19

API number: 4304738952

Well Location: QQ LOT4 Section 19 Township 8S Range 24E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

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

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

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

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

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

TITLE Regulatory Assistant  
 DATE 5/20/2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

5. Lease Serial No.  
UTU77300

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
HOSS 76-19

9. API Well No.  
43-047-38952

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES, INC.

Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526  
Fx: 303-824-5527

10. Field and Pool, or Exploratory  
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 19 T8S R24E SWSW 660FSL 660FWL  
39.10269 N Lat, 109.26363 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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

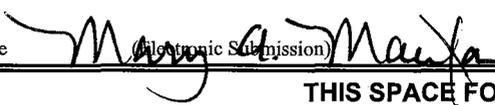
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports 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.)

The reserve pit on the referenced location was closed as per the APD procedure.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #69795 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature  Date 05/06/2009

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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 \_\_\_\_\_

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.

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

**RECEIVED**  
**MAY 11 2009**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU 77300
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 76-19
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047389520000
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 0660 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 19 Township: 08.0S Range: 24.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> BIG VALLEY  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/9/2012</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Compressor&amp;H2S treater"/>

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

EOG Resources, Inc. respectfully requests authorization to install a Caterpillar 3306 gas engine skid mounted mobile unit or equivalent, with an associated small H2S treatment facility on the existing well pad. The unit would be set on existing disturbance for a minimum of 1 year and tie into the existing well. The purpose is to enhance production with gas lift and safely incorporate the existence and treatment of H2S with the treatment facility. The target formation is the mesaverde and initial start-up would be upon approval of this sundry. Attached please find the well pad location TOPO B, a current as-built site facility diagram and H2S justification. An update site facility diagram will follow post installation.

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

**Date:** May 11, 2012

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/9/2012	

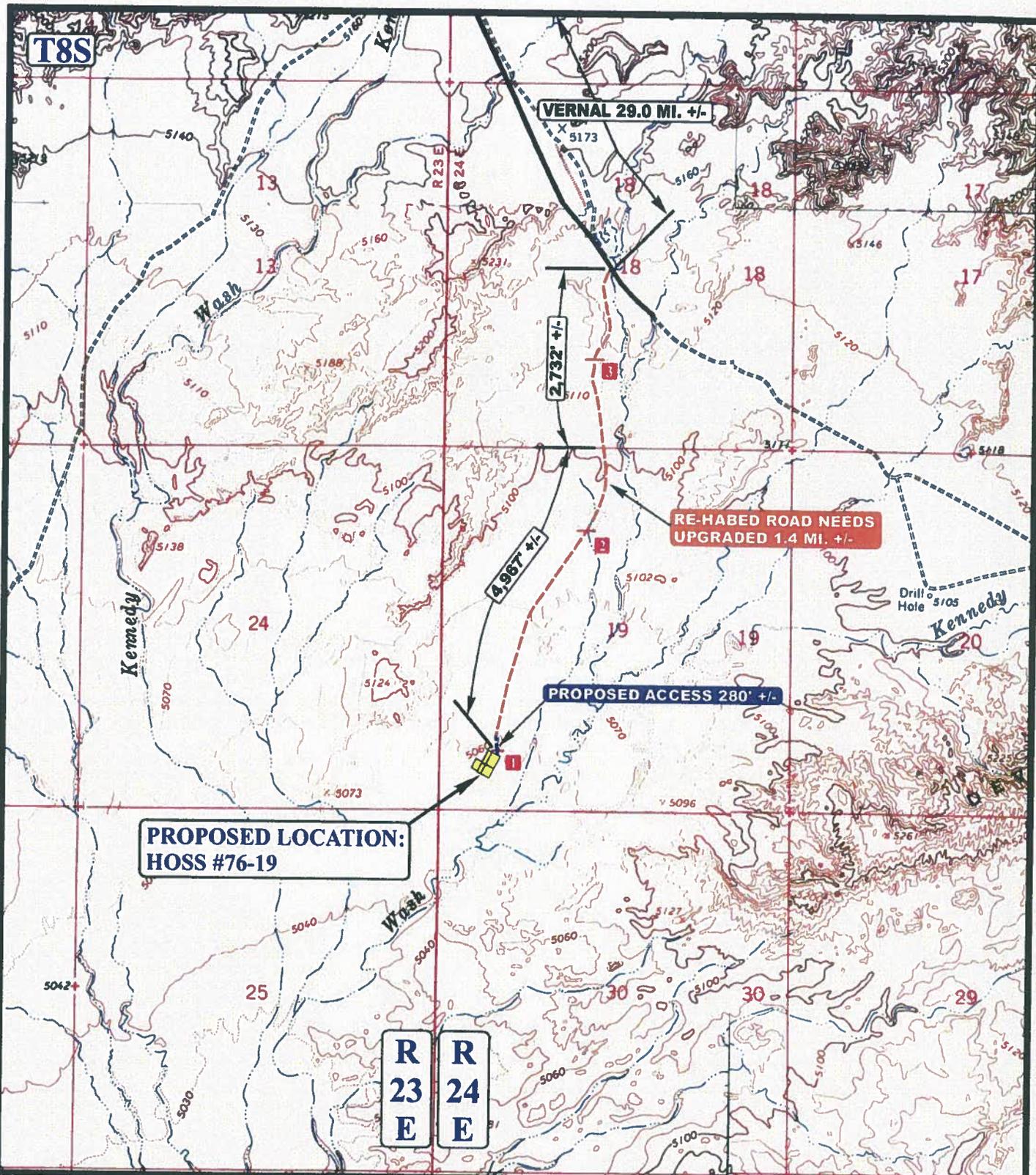
**H2S Verification for Compressor Sundry**

**Located on existing well pad Hoss 76-19**

**Section 19, T8S, R24E, SLB&M**

H2S in the surface gas gathering system is a result of bacterial contamination of the subsurface formation by sulfate reducing bacteria. These bacteria produce gaseous H2S as a function of their metabolism. Due to the fact that not all wells are contaminated with H2S, this leads to fluctuations in the concentration of this contaminate. Acute increases in H2S in the surface gas gathering systems are a result of sour gas and the line temperature. These conditions cause H2S treating to become variable and difficult to manage on a well to well basis.

Installing this facility has additional direct and indirect benefits. The reduction of H2S in the surface gas will improve the operational safety by preventing exposure of the personnel from accidental releases. It will also serve to reduce corrosion in surface piping and equipment thereby extending the life of the pipe and will require less maintenance. Furthermore, it will eliminate the risk of unintentional release of H2S into the atmosphere and decrease impacts to the air quality in the area.



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- RE-HABED ROAD NEEDS UPGRADED
- 18" CMP REQUIRED
- 24" CMP REQUIRED
- LOW WATER CROSSING REQUIRED

**EOG RESOURCES, INC.**

HOSS #76-19  
SECTION 19, T8S, R24E, S.L.B.&M.  
660' FSL 660' FWL



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



**TOPOGRAPHIC MAP** 10 31 06  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REV: 12-04-06 S.L.



# Abbreviations

- AM= Allocation Meter
- AR = Access Road
- CHT = Chemical Tank
- COMP = Compressor
- CON = Condensate Tank
- CT = Condensate Tank
- DL = Dump Line
- EP = Electrical Panel
- ET = Emergency Tank
- FW = Firewall
- LACT = LACT Unit
- LH = Line Heater
- LV = Load Valve
- MAN = Manifold
- MB = Methanol Bath
- O = Open
- PL = Production Line
- PP = Power Pole
- PT = Propane Tank
- PJ = Pumping Unit
- PV = Production Valve
- PW = Produced Water
- RL = Recycle Line
- RP = Recycle Pump
- RV = Recycle Valve
- SC = Sealed Closed
- SGS = Sales Gas Scrubber
- SL = Sales Line
- SM = Sales Meter
- SO = Sealed Open
- SP = Separator
- SV = Sales Valve
- T = Treater
- TP = Trace Pump
- WD = Water Drain
- WDP = Water Disposal Pump
- WFP = Water Flood Pump
- WH = Wellhead

-  = Buried Line
-  = Unburied Line
-  = Meter Display
-  = Meter Tube
-  = Production Valve
-  = Valve



Site facility diagrams & site security plans are located at the Vernal office in Vernal, Utah. The office is located at 1060 East Hwy 40 and normal business hours are 7:00 a.m. to 4:30 p.m. Mon -Thurs and 7:00 a.m. to 1:00 p.m. Fridays.

**Well Name: HOSS 76-19**  
**Lot: LOT #4 (SW/SW) Sec: 19 T:8S R:24E**  
**County: UINTAH State: UTAH**  
**Lease: UTU-77300**

DATED 03/03/2010

Valve	Production Phase	Sales Phase	Water Drain
PV	O	SC	SC
LV	SC	O	SC
WD	SC	SC	O

