

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 24 2005

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.

NMNM 93181

SHL NM108963 KHL

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

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

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

8. Lease Name and Well No.

Yukon 18 Fed Com No. 1 Well 34955

2. Name of Operator

EOG Resources, Inc.

9. API Well No.

30 015 - 34203

3a. Address

P.O. Box 2267 Midland, TX 79702

3b. Phone No. (include area code)

(432) 686-3714

10. Field and Pool, or Exploratory

Wildcat

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

11. Sec., T., R., M., or Blk. And Survey or Area
Sec. 18 T-17-S; R-25-E

At surface 660' FSL & 760' FWL (U/L M)

765'

Unders. Collins Ranch; Wolfcamp, NE 653

At proposed prod. Zone 660' FNL & 760' FWL (U/L D)

14. Distance in miles and direction from nearest town or post office*

4 Mi. SW from Artesia NM

12. County or Parish

Eddy

13. State

NM

15. Distance from proposed*

location to nearest
property or lease line, ft.

(Also to nearest drlg. Unit line, if any)

16. No. of Acres in lease

359.69

17. Spacing Unit dedicated to this well

320 ac. W/2

18. Distance from proposed location*

to nearest well, drilling, completed
applied for, on this lease, ft.

19. Proposed Depth

TVD 5200

20. BLM/BIA Bond No. on file

NM2308

TMD 9107

21. Elevations (Show whether DF, KDB, RT, GL, etc)

Gr 3671

22. Approximate date work will start*

6/15/2005

23. Estimated duration

30 days

24. Attachments

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

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office)

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above)

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Mike Francis

Name (Printed/Typed)

Mike Francis

Date

3/31/2005

Title Agent

Approved by (Signature)

/s/ Tony J. Herrell

Name (Printed/Typed)

/s/ Tony J. Herrell

Date

MAY 20 2005

Title

FIELD MANAGER

Office

CARLSBAD FIELD OFFICE

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

Conditions of approval, if any, are attached

APPROVAL FOR 1 YEAR

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 reverse)

Loswell Controlled Water Basin

WITNESS

11 3/4" Cement Job

79.5
APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: EOG Resources, Inc. Telephone: 432 686-3714 e-mail address: mike.francis@eogresources.com
Address: P.O. Box 2267 Midland Texas 79702
Facility or well name: YUCON 18 Fed Com API #: _____ U/L or Qtr/Qtr M Sec. 18 T. 17 R. 25
County: Eddy Latitude 32.83013 Longitude 104.53044 NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume <u>7000</u> bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <u>100 feet or more</u> (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) <u>No</u> (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) <u>1000 feet or more</u> (0 points)
Ranking Score (Total Points) <u>0</u>	

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility: _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5/6/05

Printed Name/Title Mike Francis Agent

Signature Mike Francis

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: MAY 12 2005

Date: _____

Printed Name/Title _____

Signature [Signature]

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210 OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96223	³ Pool Name Wildcat
⁴ Property Code	⁵ Property Name YUKON "18" FED COM	⁶ Well Number 1H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3671'

¹⁰ Surface Location

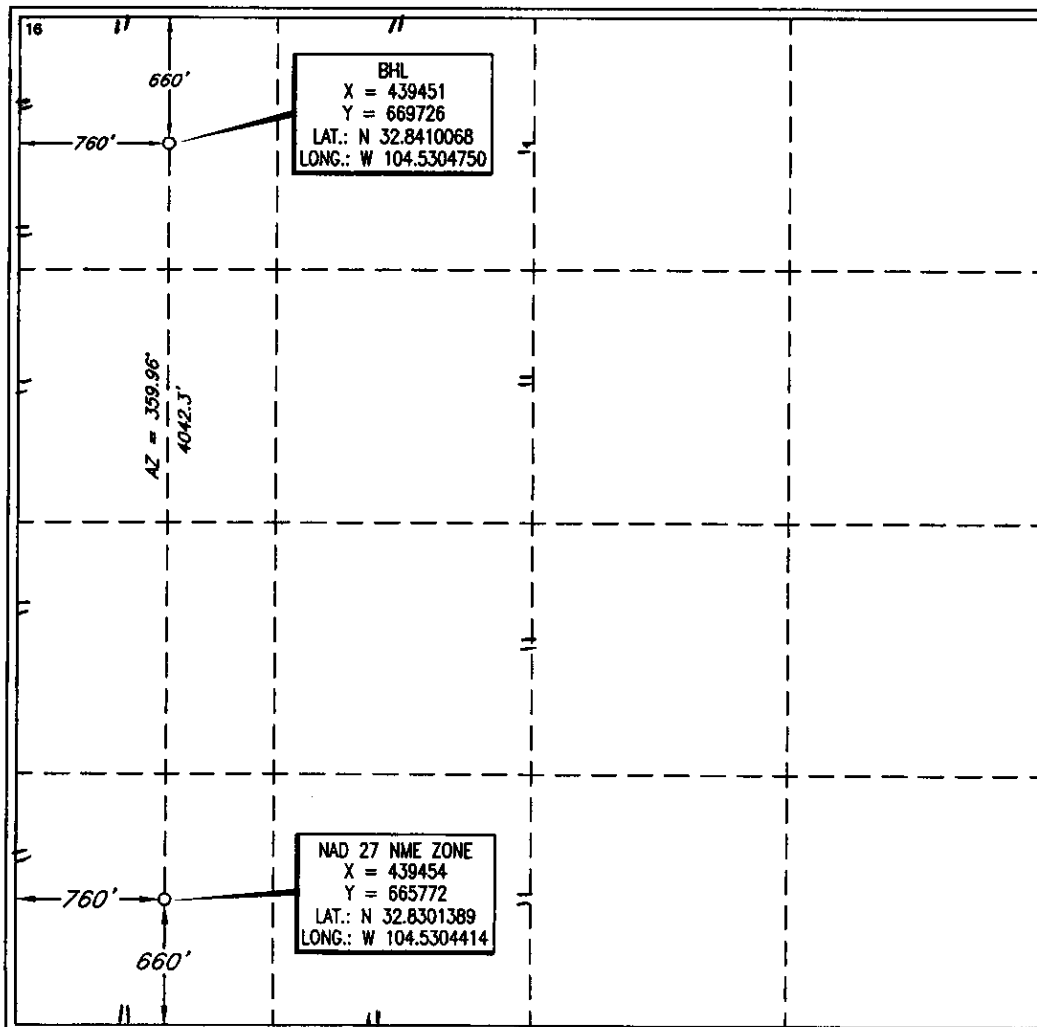
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	17 SOUTH	25 EAST, N.M.P.M.		660'	SOUTH	760'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	17 SOUTH	25 EAST, N.M.P.M.		660'	NORTH	760'	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mike Francis
Signature

Mike Francis
Printed Name
Agent

Title
3/31/2005
Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date: 3/31/2005
Signature: *V. L. Bezner*
Seal of Professional Surveyor
BEZNER
NO. 7920
PROFESSIONAL LAND SURVEYOR

Certificate Number
V. L. BEZNER R.P.S. #7920
JOB #101800 / 101 SE / E.U.O.

DRILLING PROGRAM

EOG RESOURCES, INC.
Yukon 18 Fed Com No. 1H
Eddy Co. NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

Quaternary Alluvium 0-200

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

San Andres	665'
Glorieta	2,035'
Tubb	3,326'
Abo Shale	4,015'
Wolfcamp Pay	5,065'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Quaternary Alluvium	0- 200'	Fresh Water
San Andres	665'	Oil
Glorieta	2,035'	Oil/Gas
Tubb	3,326'	Oil/Gas
Abo/Wolfcamp Pay	5,065'	Gas

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 11-3/4" casing at 350' and circulating cement back to surface, and 8-5/8" casing will be set at 1200' with cement circulated back to surface

4. CASING PROGRAM

Hole Size	Interval	OD Casing	Weight	Grade	Jt. Conn. Type
14-3/4"	0-350' <i>800</i>	11-3/4"	42#	H-40	ST&C
11"	0-1200'	8-5/8"	32#	J-55	LT&C
7-7/8"	0-9,107'	5-1/2"	17#	P-110	LT&C

Cementing Program:

11-3/4" Surface Casing:	Cement to surface with 100 sx Prem Plus, 3% Econolite, 2% Calcium Chloride, 0.25#/sx Flocele; 150 sx Prem Plus, 2% Calcium Chloride, 0.25#/sx Flocele
8-5/8" Intermediate:	Cement to surface with 175 sx Interfill C, .25#/sx flocele; 200 sx Premium Plus, 1% Calcium Chloride
5-1/2" Production	Cement w/350sx Interfill C, + .25#/sx Flocele; 400 sx premium Cement, 100% Acid soluble Additive, .6% Halad-344 + .8% Econolite + .2% HR-55. This cement slurry is designed to bring TOC to 700'.

DRILLING PROGRAM

EOG RESOURCES, INC.
Yukon 18 Fed Com No. 1H
Eddy Co. NM

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

(SEE EXHIBIT #1)

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000-psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All BOP's and accessory equipment will be tested in accordance with Onshore Oil & Gas order No. 2. EOG request authorization to use a 2M system, providing for an annular preventer to be used prior to drilling the surface casing shoe before drilling out of surface casing. Before drilling out of 1st intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/~~1000~~ psi and the annular to 3500/~~5000~~ psig pressure. ~~1000~~ ~~5000~~

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be drilled to TD with a combination of brine, cut brine, and polymer mud system. The applicable depths and properties of this system are as follows:

Depth	Type	Wt	Viscosity		Waterloss
		(PPG)	(sec)	(cc)	
0-350'	Fresh Water (Spud Mud)	8.6-8.8	28-34	N/c	
350'-1200'	Brine	10.0-10.2	28-34	N/c	
1,200'-4400'	Cut Brine	8.8-9.2	28-34	N/c	
4,400'-5,100'	Cut Brine	8.8-9.2	28-34	10-15	
4,400'-TD'	Polymer (Lateral)	9.0-9.4	40-45	10-25	

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

(A) A kelly cock will be kept in the drill string at all times.

(B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.

(C) A mud logging unit complete with H2S detector will be continuously monitoring drilling penetration rate and hydrocarbon shows from 5000' to TD.

DRILLING PROGRAM

**EOG RESOURCES, INC.
Yukon 18 Fed Com No. 1H
Eddy Co. NM**

8. LOGGING, TESTING AND CORING PROGRAM:

Electric logging will consist of GR-Dual Laterlog-MSFL and GR-Compensated Density-Neutron from TD to intermediate casing with a GR- Compensated Neutron ran from Intermediate casing to surface..

Possible sidewall cores based on shows.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom hole temperature (BHT) at TD is 125 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 5000 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major loss circulation zones have been reported in offsetting wells.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 30-60 days will be required for completion and testing before a decision is made to install permanent facilities.

DRILLING PROGRAM

**EOG RESOURCES, INC.
Yukon 18 Fed Com No. 1H
Eddy Co. NM**

ATTACHMENT TO EXHIBIT #1

1. Wear ring to be properly installed in head.
2. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum. Exhibit #1.
3. All fittings to be flanged
4. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 5000 psi W.P. minimum.
5. All choke and fill lines to be securely anchored especially ends of choke lines.
6. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
7. Kelly cock on kelly.
8. Extension wrenches and hand wheels to be properly installed.
9. Blow out preventer control to be located as close to driller's position as feasible.
10. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

EOG Resources, Inc.

Exhibit 1

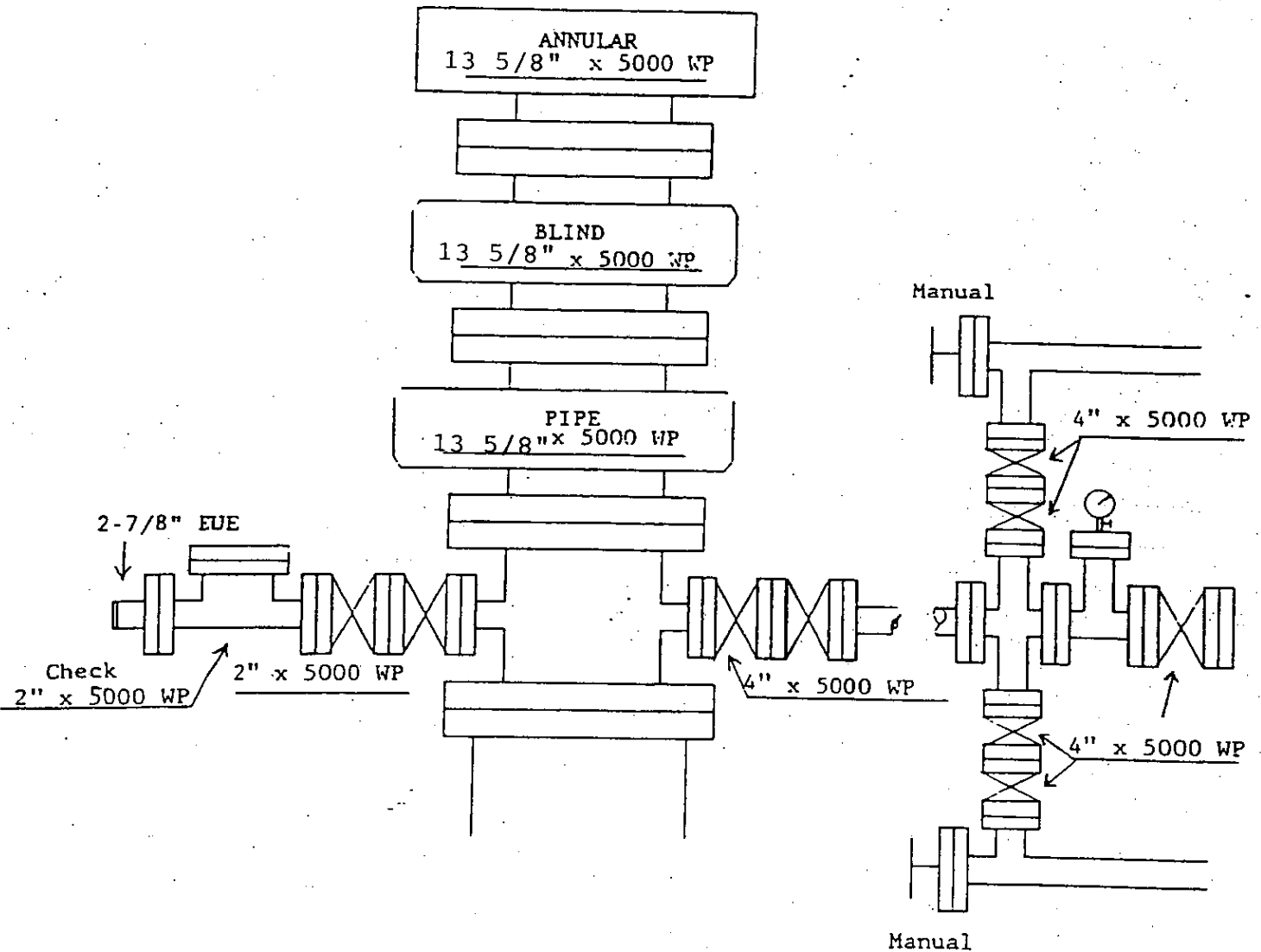


Exhibit 1

SCALE:	1" = 1000'
DATE:	MARCH 8, 2005
JOB NO.:	101800-RD1
QUAD NO.: 101SE	
SHEET :	1 OF 2

[illegible]

2903 N. BIG SPRING
MIDLAND, TX. 79705
(800) 767-1653

Statement Accepting Responsibility For Operations

Operator Name: EOG Resources, Inc.
Street or Box: P.O. Box 2267
City, State: Midland, TX
Zip Code: 79702

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No.: NM NM93181

Legal Description of Land: E/2 Sw/4 Section 18 T-17-S, R-25-E
Eddy Co. NM **Formation(s) (if applicable):**

Bond Coverage: *(State if individually bonded or another's bond)* Individually

BLM Bond File No.: NM2308 with endorsement to State of NM

Authorized Signature:


Mike Francis

Title: Agent

Date 3/31/2005



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

June 1, 2005

State of New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Yukon 18 Fed Com #1H. The current plan is to complete this well in the Wolfcamp, which is sweet and I do not anticipate encountering any H₂S bearing formations during drilling operations.

Sincerely,


Jason LaGrega
Drilling Engineer

RECEIVED
JUN 27 2005
OOU-ARTCO

Permit Information:

Well Name: Yukon 18 Fed Com #1H

Location:

SL 660' FSL & 760' FWL, Section 18, T-17-S, R-25-E, Eddy Co., N.M.

BHL 660' FNL & 760' FWL, Section 18, T-17-S, R-25-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	850'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	8,500'	7-7/8"	5 1/2"	17#	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
850'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,500'	350	Lead: Interfill C + 1/4 pps Flocele
	400	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 850'	Fresh - Gel	8.6-8.8	28-34	N/c
850' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,400' – 8,500'	Polymer (Lateral)	9.0-9.4	40-45	10-25

EOG Resources Inc

Planning Report

Company: EOG Resources
Field: Thames
Site: Yukon 18 Fed Com #1H
Well: Yukon 18 Fed Com #1H
Wellpath: Lateral

Date: 6/1/2005 Time: 13:16:47 Page: 1
Co-ordinate(NE) Reference: Site: Yukon 18 Fed Com #1H, Grid North
Vertical (TVD) Reference: SITE 3689.0
Section (VS) Reference: Well (0.00N,0.00E,359.96Azi)
Plan: Plan #1

Field: Thames

Map System:US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: iqrf2000

Site: Yukon 18 Fed Com #1H

Site Position:	Northing:	665772.00 ft	Latitude:	32 49 48.499 N
From: Map	Easting:	439454.00 ft	Longitude:	104 31 49.594 W
Position Uncertainty:	0.00 ft		North Reference:	Grid
Ground Level:	3671.00 ft		Grid Convergence:	-0.11 deg

Well: Yukon 18 Fed Com #1H

Slot Name:

Well Position:	+N/-S	0.00 ft	Northing:	665772.00 ft	Latitude:	32	49	48.499 N
	+E/-W	0.00 ft	Easting :	439454.00 ft	Longitude:	104	31	49.594 W
Position Uncertainty:		0.00 ft						

Wellpath: Lateral

Drilled From:	Surface
Tie-on Depth:	0.00 ft
Above System Datum:	Mean Sea Level
Declination:	9.03 deg
Mag Dip Angle:	60.81 deg
+E/-W	Direction
ft	deg

Current Datum:	SITE	Height	3689.00 ft
Magnetic Data:	6/1/2005		
Field Strength:	49666 nT		
Vertical Section:	Depth From (TVD)	+N/-S	
	ft	ft	
	4850.00	0.00	

Plan: Plan #1

Date Composed: 6/1/2005
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4468.00	0.00	0.00	4468.00	0.00	0.00	0.00	0.00	0.00	0.00	
4468.03	0.00	0.00	4468.03	0.00	0.00	0.00	0.00	0.00	0.00	
5068.03	90.00	359.96	4850.00	381.97	-0.27	15.00	15.00	-0.01	359.96	LP
5068.16	90.00	359.96	4850.00	382.10	-0.27	3.00	0.00	-3.00	-90.00	
8639.93	90.00	359.96	4850.00	3953.87	-3.00	0.00	0.00	0.00	0.00	
8640.06	90.00	359.96	4850.00	3954.00	-3.00	3.00	0.00	3.00	90.01	BHL

Survey

[illegible]

EOG Resources Inc

Planning Report

Company: EOG Resources
 Field: Thames
 Site: Yukon 18 Fed Com #1H
 Well: Yukon 18 Fed Com #1H
 Wellpath: Lateral

Date: 6/1/2005 Time: 13:16:47 Page: 2
 Co-ordinate(NE) Reference: Site: Yukon 18 Fed Com #1H, Grid North
 Vertical (TVD) Reference: SITE 3689.0
 Section (VS) Reference: Well (0.00N,0.00E,359.96Azi)
 Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4468.00	0.00	0.00	4468.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
4500.00	4.80	359.96	4499.96	1.34	0.00	1.34	14.99	14.99	0.00	Keeper Cone
4600.00	19.80	359.96	4597.39	22.57	-0.02	22.57	15.00	15.00	0.00	Keeper Cone
4700.00	34.80	359.96	4686.00	68.30	-0.05	68.30	15.00	15.00	0.00	Keeper Cone
4800.00	49.80	359.96	4759.76	135.40	-0.09	135.40	15.00	15.00	0.00	Keeper Cone
4900.00	64.80	359.96	4813.63	219.31	-0.15	219.31	15.00	15.00	0.00	Keeper Cone
5000.00	79.80	359.96	4843.96	314.30	-0.22	314.30	15.00	15.00	0.00	Keeper Cone
5068.03	90.00	359.96	4850.00	381.97	-0.27	381.97	15.00	15.00	0.00	Keeper Cone
5100.00	90.00	359.96	4850.00	413.94	-0.29	413.94	0.01	0.00	-0.01	Keeper Cone
5200.00	90.00	359.96	4850.00	513.94	-0.37	513.94	0.00	0.00	0.00	Keeper Cone
5300.00	90.00	359.96	4850.00	613.94	-0.44	613.94	0.00	0.00	0.00	Keeper Cone
5400.00	90.00	359.96	4850.00	713.94	-0.52	713.94	0.00	0.00	0.00	Keeper Cone
5500.00	90.00	359.96	4850.00	813.94	-0.60	813.94	0.00	0.00	0.00	Keeper Cone
5600.00	90.00	359.96	4850.00	913.94	-0.67	913.94	0.00	0.00	0.00	Keeper Cone
5700.00	90.00	359.96	4850.00	1013.94	-0.75	1013.94	0.00	0.00	0.00	Keeper Cone
5800.00	90.00	359.96	4850.00	1113.94	-0.83	1113.94	0.00	0.00	0.00	Keeper Cone
5900.00	90.00	359.96	4850.00	1213.94	-0.90	1213.94	0.00	0.00	0.00	Keeper Cone
6000.00	90.00	359.96	4850.00	1313.94	-0.98	1313.94	0.00	0.00	0.00	Keeper Cone
6100.00	90.00	359.96	4850.00	1413.94	-1.06	1413.94	0.00	0.00	0.00	Keeper Cone
6200.00	90.00	359.96	4850.00	1513.94	-1.13	1513.94	0.00	0.00	0.00	Keeper Cone
6300.00	90.00	359.96	4850.00	1613.94	-1.21	1613.94	0.00	0.00	0.00	Keeper Cone
6400.00	90.00	359.96	4850.00	1713.94	-1.29	1713.94	0.00	0.00	0.00	Keeper Cone
6500.00	90.00	359.96	4850.00	1813.94	-1.36	1813.94	0.00	0.00	0.00	Keeper Cone

EOG Resources Inc

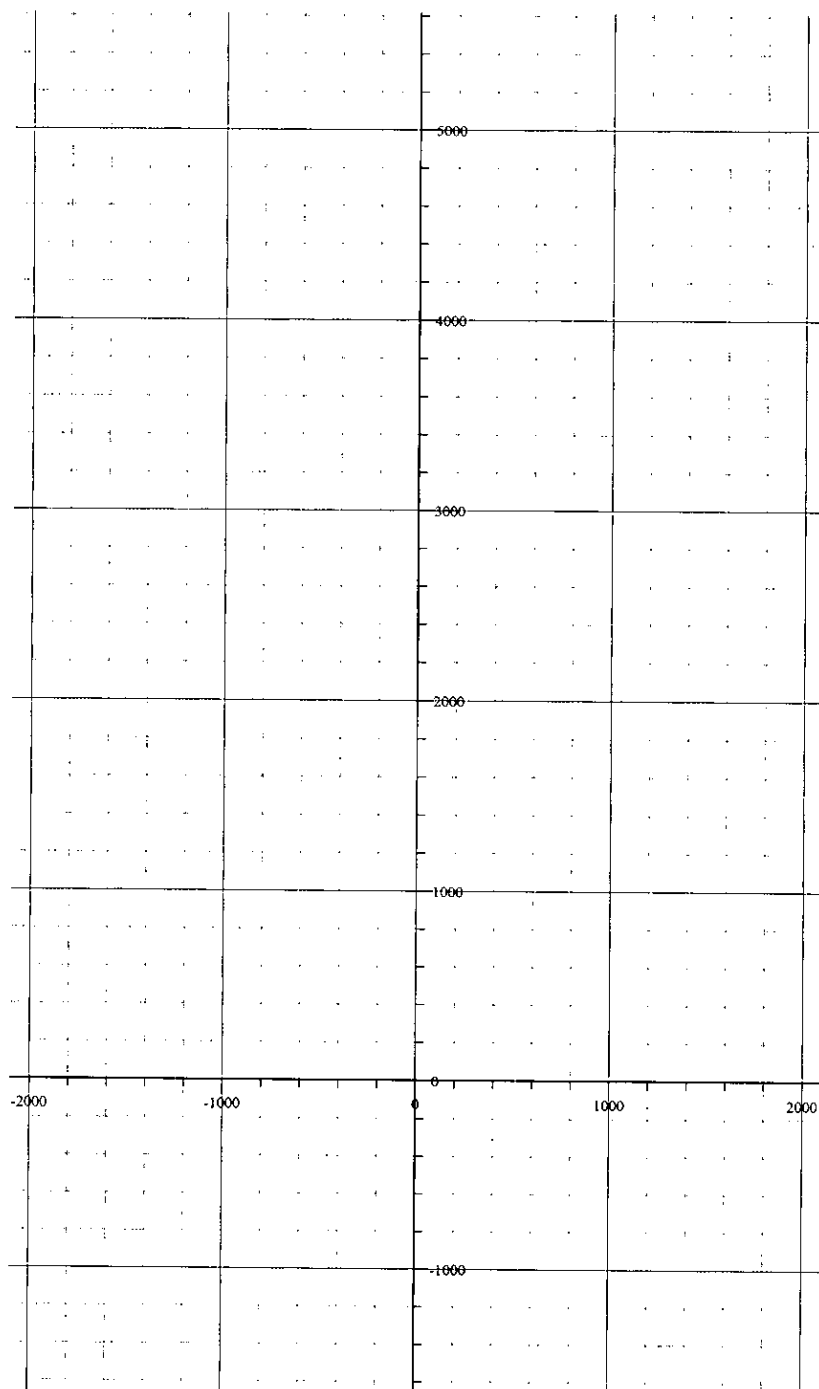
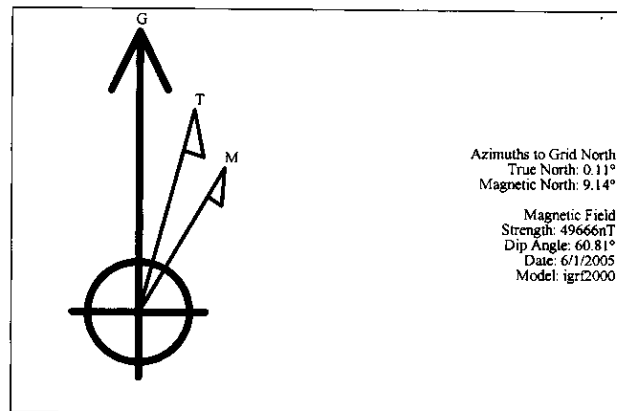
Planning Report

Company: EOG Resources Field: Thames Site: Yukon 18 Fed Com #1H Well: Yukon 18 Fed Com #1H Wellpath: Lateral	Date: 6/1/2005 Co-ordinate(NE) Reference: Site: Yukon 18 Fed Com #1H, Grid North Vertical (TVD) Reference: SITE 3689.0 Section (VS) Reference: Well (0.00N, 0.00E, 359.96Azi) Plan: Plan #1	Page: 3
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Survey

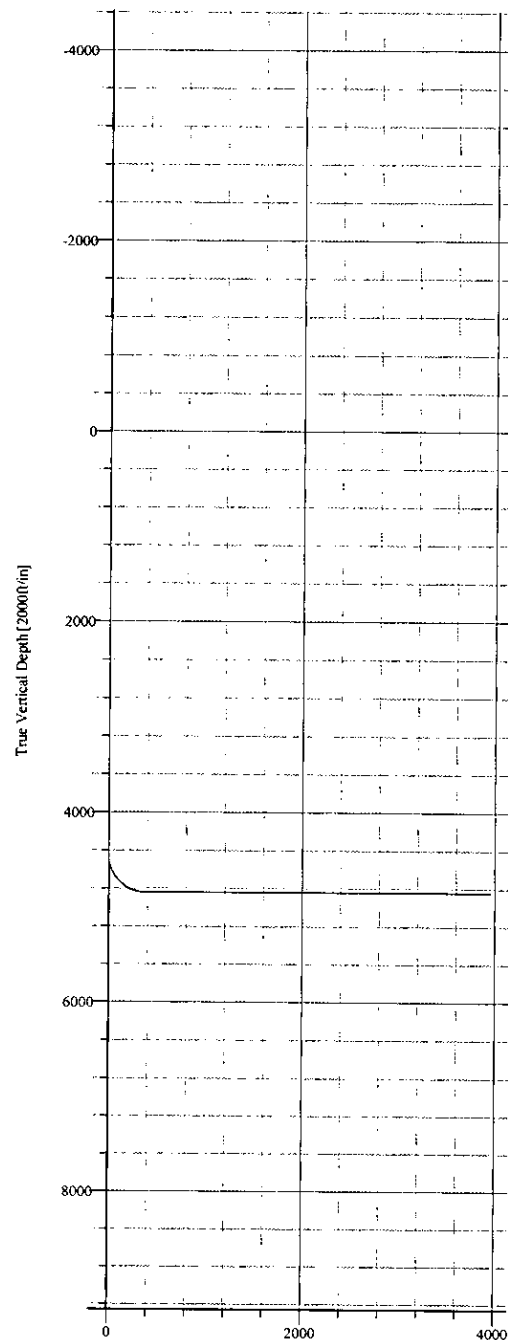
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	90.00	359.96	4850.00	1913.94	-1.44	1913.94	0.00	0.00	0.00	Keeper Cone
6700.00	90.00	359.96	4850.00	2013.94	-1.52	2013.94	0.00	0.00	0.00	Keeper Cone
6800.00	90.00	359.96	4850.00	2113.94	-1.59	2113.94	0.00	0.00	0.00	Keeper Cone
6900.00	90.00	359.96	4850.00	2213.94	-1.67	2213.94	0.00	0.00	0.00	Keeper Cone
7000.00	90.00	359.96	4850.00	2313.94	-1.75	2313.94	0.00	0.00	0.00	Keeper Cone
7100.00	90.00	359.96	4850.00	2413.94	-1.82	2413.94	0.00	0.00	0.00	Keeper Cone
7200.00	90.00	359.96	4850.00	2513.94	-1.90	2513.94	0.00	0.00	0.00	Keeper Cone
7300.00	90.00	359.96	4850.00	2613.94	-1.97	2613.94	0.00	0.00	0.00	Keeper Cone
7400.00	90.00	359.96	4850.00	2713.94	-2.05	2713.94	0.00	0.00	0.00	Keeper Cone
7500.00	90.00	359.96	4850.00	2813.94	-2.13	2813.94	0.00	0.00	0.00	Keeper Cone
7600.00	90.00	359.96	4850.00	2913.94	-2.20	2913.94	0.00	0.00	0.00	Keeper Cone
7700.00	90.00	359.96	4850.00	3013.94	-2.28	3013.94	0.00	0.00	0.00	Keeper Cone
7800.00	90.00	359.96	4850.00	3113.94	-2.36	3113.94	0.00	0.00	0.00	Keeper Cone
7900.00	90.00	359.96	4850.00	3213.94	-2.43	3213.94	0.00	0.00	0.00	Keeper Cone
8000.00	90.00	359.96	4850.00	3313.94	-2.51	3313.94	0.00	0.00	0.00	Keeper Cone
8100.00	90.00	359.96	4850.00	3413.94	-2.59	3413.94	0.00	0.00	0.00	Keeper Cone
8200.00	90.00	359.96	4850.00	3513.94	-2.66	3513.94	0.00	0.00	0.00	Keeper Cone
8300.00	90.00	359.96	4850.00	3613.94	-2.74	3613.94	0.00	0.00	0.00	Keeper Cone
8400.00	90.00	359.96	4850.00	3713.94	-2.82	3713.94	0.00	0.00	0.00	Keeper Cone
8500.00	90.00	359.96	4850.00	3813.94	-2.89	3813.94	0.00	0.00	0.00	Keeper Cone
8600.00	90.00	359.96	4850.00	3913.94	-2.97	3913.94	0.00	0.00	0.00	Keeper Cone
8640.06	90.00	359.96	4850.00	3954.00	-3.00	3954.00	0.01	0.00	0.01	Keeper Cone

Field: Thames
 Site: Yukon 18 Fed Com #1H
 Well: Yukon 18 Fed Com #1H
 Wellpath: Lateral
 Plan: Plan #1



West(-)/East(+) [1000ft/in]

South(-)/North(+) [1000ft/in]



Vertical Section at 359.96° [2000ft/in]

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number	² Pool Code	³ Pool Name Wildcat
⁴ Property Code	⁵ Property Name YUKON "18" FED COM	⁶ Well Number 1H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3871'

¹⁰ Surface Location

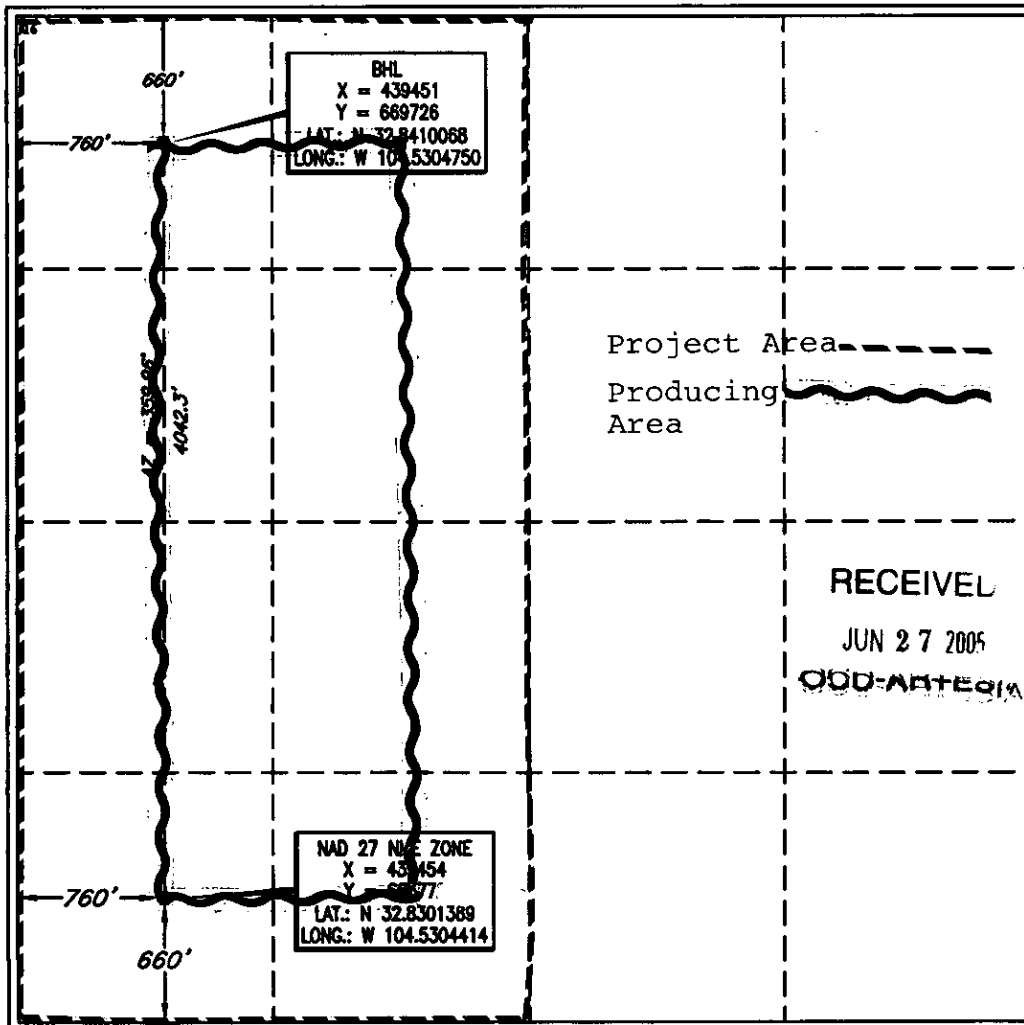
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	17 SOUTH	25 EAST, N.M.P.M.		660'	SOUTH	760'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	17 SOUTH	25 EAST, N.M.P.M.		660'	NORTH	760'	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**¹⁷ OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mike Francis
Signature

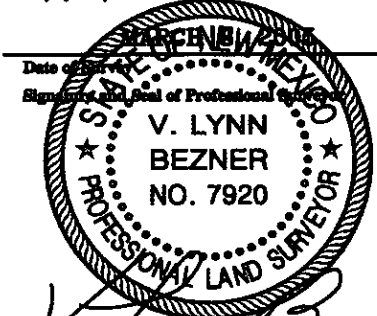
Mike Francis
Printed Name

Agent
Title

6/-2/2005
Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



V. Lynn Bezner
Signature

V. L. BEZNER R.P.S. #7920
Certificate Number

JOB # 101800 / 101 SE / E.U.O.