Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr , Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
May 27, 2004

WELL API NO. 30-015-35650

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

AUG 07 2007
OCD-ARTESIA

7. Lease Name or Unit Agreement Name: Po B 1 Fee

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

8. Well Number 1HY

2. Name of Operator EOG Resources Inc.

9. OGRID Number 7377

3. Address of Operator P.O. Box 2267 Midland, Texas 79702

10. Pool name or Wildcat Cottonwood Creek; WC, West (Gas)

4. Well Location

Unit Letter H : 3450 feet from the South line and 660 feet from the East line

Section 1 Township 16S Range 24E NMPM County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3557' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: completion ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

6/22/07 TD @ 8234 MD
6/24/07 Ran 188 jts 5 1/2", 17 #, N-80 casing set @ 8200'.
Cemented w/ 420 sx Interfill C, 11.9 ppg, 2.38 yield; 880 sx 50/50 POZ Premium, 14.4 ppg, 1.24 yield. Did not circulate. Ran temperature survey, TOC @ 700'. Released rig.
6/28/07 MIRU for completion. Tested 5 1/2" casing to 1700 psi. Test good.
7/06/07 Perforated from 7460' to 8090', 0.42", 32 holes.
7/10/07 Frac w/ 72 bbls 15% HCL, 565 bbls XL gel, 57667 lbs 100 Mesh, 84372 lbs 30/50 Brown sand, 28440 lbs 20/40 White sand, 6380 bbls load water.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any 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 ☐

SIGNATURE [signature] TITLE Regulatory Analyst DATE 7/19/07

E-mail address:

Type or print name Stan Wagner

Telephone No. 432 686 3689

For State Use Only

APPROVED BY FOR RECORDS ONLY TITLE _____ DATE AUG 8 2007

Conditions of Approval, if any:

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State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-015-35650

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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AUG 07 2007
OCD-ARTESIA

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3. Address of Operator P.O. Box 2267 Midland, Texas 79702

10. Pool name or Wildcat Cottonwood Creek; WC, West (Gas)

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Unit Letter H : 3450 feet from the South line and 660 feet from the East line

Section 1 Township 16S Range 24E NMPM County Eddy

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Pit or Below-grade Tank Application ☐ **or Closure** ☐

Pit type _____ **Depth to Groundwater** _____ **Distance from nearest fresh water well** _____ **Distance from nearest surface water** _____

Pit Liner Thickness: _____ **mil** **Below-Grade Tank: Volume** _____ **bbls; Construction Material** _____

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TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
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7/10/07 Perforated from 6620' to 7250', 0.42", 32 holes.
Frac w/ 72 bbls 15% HCL acid, 565 bbls XL gel, 52218 lbs 100 Mesh, 85899 lbs 30/50 Brown sand, 29626 lbs 20/40 White sand, 6037 bbls load water.

7/11/07 Perforated from 5780' to 6410', 0.42", 32 holes.
Frac w/ 72 bbls 15% HCL acid, 565 bbls XL gel, 51337 lbs 100 Mesh, 82887 lbs 30/50 Brown sand, 31027 lbs 20/40 White sand, 5974 bbls load water.

7/12/07 Perforated from 4900' to 5550', 0.42", 32 holes.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any 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** ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 7/19/07

E-mail address:

Type or print name Stan Wagner

Telephone No. 432 686 3689

For State Use Only

APPROVED BY FOR RECORDS ONLY TITLE _____ DATE AUG 8 2007

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Form C-103
May 27, 2004

WELL API NO. 30-015-35650

5. Indicate Type of Lease STATE ☐ FEE ☒

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AUG 07 2007
OCD-ARTESIA

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2. Name of Operator EOG Resources Inc.

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Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

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PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: completion ☒	

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7/12/07 Frac w/ 72 bbls 15% HCL acid, 565 bbls XL gel, 52000 lbs 100 Mesh, 75000 lbs 30/50 Brown sand, 30000 lbs 20/40 White sand, 5909 bbls load water.
Flow back.

7/13/07 Turned to sales.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any 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 ☐**

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 7/19/07

E-mail address:

Type or print name Stan Wagner

Telephone No. 432 686 3689

For State Use Only FOR RECORDS ONLY

APPROVED BY _____ TITLE _____ DATE AUG 8 2007

Conditions of Approval, if any:

S C I E N T I F I C D R I L L I N G C O N T R O L S

KEEPER GYRO SURVEY

Directional Survey Report

for

E.O.G.

Well Number	:	PO B1 FEE 1Y
Well Location	:	EDDY COUNTY, NEW MEXICO
Job Number	:	32K0607510
Location Latitude	:	32.954
Survey Date	:	18-JUN-2007
S.D.C. Personnel	:	ANGEL GUEBARA
Length Units	:	Feet
North Reference	:	GRID North
Grid Correction	:	0.11 Degrees
Survey Depth Zero	:	RKB
Proposal Direction	:	268.88
Calculation Method	:	Minimum Curvature

Remarks : The INRUN Survey will be called definitive

S C I E N T I F I C D R I L L I N G C O N T R O L S

Inrun Survey
for
E.O.G.

Well No.: PO B1 FEE 1Y Date : 18-JUN-2007
Job No. : 32K0607510 Proposal : 268.88

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	GRID Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
100.00	100.00	-0.01	0.93	178.54	-0.81	0.02	0.93
200.00	199.98	-0.12	1.04	171.59	-2.52	0.17	0.16
300.00	299.96	-0.17	1.25	182.54	-4.51	0.26	0.30
400.00	399.94	0.06	1.16	188.06	-6.60	0.07	0.15
500.00	499.92	0.32	1.23	183.98	-8.67	-0.15	0.11
600.00	599.90	0.64	0.66	202.43	-10.28	-0.44	0.64
700.00	699.89	1.22	0.86	206.56	-11.48	-1.00	0.21
800.00	799.88	2.09	0.81	226.33	-12.64	-1.84	0.29
900.00	899.87	3.11	0.97	214.78	-13.82	-2.84	0.24
1000.00	999.86	4.13	0.97	217.37	-15.19	-3.83	0.04
1100.00	1099.84	5.24	0.99	221.51	-16.51	-4.92	0.07
1200.00	1199.83	6.03	0.99	192.50	-18.00	-5.68	0.50
1300.00	1299.81	6.77	0.94	219.50	-19.48	-6.39	0.45

1400.00	1399.80	7.82	0.88	221.56	-20.68	-7.42	0.07
1500.00	1499.79	8.93	0.86	229.76	-21.74	-8.50	0.13
1600.00	1599.78	9.89	0.62	223.57	-22.62	-9.45	0.25
1700.00	1699.78	10.29	0.27	183.37	-23.25	-9.84	0.45
1800.00	1799.78	10.24	0.11	138.80	-23.55	-9.79	0.21
1900.00	1899.78	9.79	0.46	97.06	-23.68	-9.32	0.39
2000.00	1999.77	8.88	0.58	94.55	-23.77	-8.42	0.12
2100.00	2099.77	8.04	0.41	74.30	-23.71	-7.57	0.24
2200.00	2199.76	7.41	0.35	63.76	-23.48	-6.96	0.09
2300.00	2299.76	6.95	0.32	41.90	-23.13	-6.49	0.13
2400.00	2399.76	6.63	0.37	21.30	-22.63	-6.19	0.13
2500.00	2499.76	6.58	0.48	348.38	-21.91	-6.16	0.26
2600.00	2599.75	6.66	0.49	359.33	-21.08	-6.25	0.09
2700.00	2699.75	6.51	0.62	14.49	-20.12	-6.12	0.20
2800.00	2799.74	6.13	0.66	22.47	-19.07	-5.76	0.10
2900.00	2899.74	5.65	0.76	21.46	-17.92	-5.30	0.10
3000.00	2999.73	4.96	0.78	37.83	-16.77	-4.64	0.22
3100.00	3099.72	4.11	0.59	54.65	-15.93	-3.80	0.27
3200.00	3199.71	3.28	0.64	45.30	-15.24	-2.98	0.11
3300.00	3299.71	2.58	0.44	50.42	-14.60	-2.29	0.21
3400.00	3399.70	1.40	1.10	64.91	-13.95	-1.13	0.68
3500.00	3499.68	-0.46	1.18	71.49	-13.22	0.72	0.15
3600.00	3599.64	-3.19	2.09	105.89	-13.39	3.45	1.30
3700.00	3699.57	-6.75	2.19	71.04	-13.27	7.01	1.28
3800.00	3799.52	-9.80	1.46	74.47	-12.30	10.05	0.74
3900.00	3899.50	-11.79	0.94	65.37	-11.62	12.02	0.55
4000.00	3999.48	-13.47	1.20	61.05	-10.77	13.68	0.27
4041.00	4040.47	-14.30	1.46	58.41	-10.29	14.50	0.65

The Horizontal Displacement (in Feet) at
Measured Depth 4041.00 is 17.78 in a Direction of 125.36 Degrees

Pathfinder Energy
Survey Report

Company: EOG Resources		**Date:** 7/2/2007 **Time:** 10:17:42	**Page:** 1
Field: Thames Field		**Co-ordinate(NE) Reference:** Well: Po B 1 Fee #1HY, Grid North	
Site: Po B 1 Fee #1HY		**Vertical (TVD) Reference:** RKB 3576.0	
Well: Po B 1 Fee #1HY		**Section (VS) Reference:** Well (0.00N,0.00E,268.16Azi)	
Wellpath: OH		**Survey Calculation Method:** Minimum Curvature	**Db:** Sybase

Field: Thames Field
Eddy, Co NM
USA

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: Well Centre
Geomagnetic Model: igrf2005

Site: Po B 1 Fee #1HY

Site Position: **Northing:** 710991.80 ft **Latitude:** 32 57 15.935 N
From: Map **Easting:** 438104.60 ft **Longitude:** 104 32 6.422 W
Position Uncertainty: 0.00 ft **North Reference:** Grid
Ground Level: 3556.00 ft **Grid Convergence:** -0.11 deg

Well: Po B 1 Fee #1HY **Slot Name:**

Well Position: +N/-S 0.00 ft **Northing:** 710991.80 ft **Latitude:** 32 57 15.935 N
+E/-W 0.00 ft **Easting :** 438104.60 ft **Longitude:** 104 32 6.422 W
Position Uncertainty: 0.00 ft

Wellpath: OH **Drilled From:** Surface
Tie-on Depth: 0 00 ft
Current Datum: RKB **Height** 3576.00 ft **Above System Datum:** Mean Sea Level
Magnetic Data: 6/14/2007 **Declination:** 8.55 deg
Field Strength: 49392 nT **Mag Dip Angle:** 60.80 deg

Vertical Section: Depth From (TVD) ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	268.16

Survey: Pathfinder MWD **Start Date:** 6/19/2007
Company: Pathfinder Energy **Engineer:**
Tool: **Tied-to:** From: Definitive Path

Survey: Pathfinder MWD

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
4041 00	1.46	58.41	4040.48	-10.29	14.50	-14.16	0.00	0.00	0.00	Tie-in to Gyro @ 4041' MD
4107.00	1.32	54.83	4106.46	-9.41	15.84	-15.53	0.25	-0.21	-5.42	
4130.00	0.88	346.76	4129.45	-9.09	16.02	-15.72	5.59	-1.90	-295.94	KOP @ 4130' MD/TVD, Begin
4139.00	1.14	321.91	4138.45	-8.95	15.94	-15.65	5.59	2.86	-276.16	
4170.00	3.69	284.18	4169.42	-8.46	14.79	-14.51	9.27	8.23	-121 71	
4202.00	6.95	278.39	4201.28	-7.93	11.87	-11.61	10.31	10.19	-18.09	
4234.00	10.38	274.90	4232.91	-7.40	7.08	-6.84	10.84	10.72	-10.91	
4266.00	13 54	272.45	4264.21	-6.99	0.47	-0.24	10.00	9.87	-7.66	
4297.00	16.80	272.28	4294.13	-6.66	-7.64	7.85	10.52	10.52	-0.55	
4329.00	19.96	274.04	4324.49	-6.09	-17.71	17.90	10.03	9.87	5 50	
4361.00	22.69	274.56	4354.30	-5.21	-29.31	29.46	8.55	8 53	1.62	
4392.00	25 85	275.33	4382.56	-4.11	-42.00	42.12	10.24	10.19	2.48	
4424.00	30.07	275.65	4410.81	-2.67	-56.94	56.99	13.20	13.19	1.00	
4456.00	35.26	275 90	4437.74	-0.93	-74.11	74.11	16.22	16.22	0.78	
4487.00	40.36	275.56	4462.23	0.96	-93.02	92.94	16.47	16.45	-1.10	
4519 00	45 20	275.14	4485.71	2.98	-114.65	114.50	15.15	15.12	-1.31	
4551.00	49.59	272.76	4507.37	4.59	-138.14	137.92	14.77	13.72	-7.44	
4583.00	54.08	271.13	4527.14	5.43	-163.28	163.02	14.59	14.03	-5.09	
4615.00	59.36	270.16	4544.69	5.72	-190.02	189.74	16.69	16.50	-3.03	
4629.89	61.81	269.97	4552.00	5.74	-202.98	202.69	16.49	16.45	-1.26	PBHL
4646 00	64.46	269.78	4559 28	5.71	-217.36	217.06	16.49	16.45	-1.20	
4679 00	70.35	270.94	4571 96	5.91	-247 81	247.49	18.14	17.85	3.52	
4711.00	74.66	271.52	4581.57	6.56	-278.31	277.96	13.58	13.47	1.81	
4742.00	77.73	271.67	4588.97	7.40	-308.40	308.01	9.91	9.90	0.48	

Pathfinder Energy
Survey Report

Company: EOG Resources	**Date:** 7/2/2007	**Time:** 10:17:42	**Page:** 2
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Well: Po B 1 Fee #1HY	**Section (VS) Reference:** Well (0.00N,0.00E,268.16Azi)		
Wellpath: OH	**Survey Calculation Method:** Minimum Curvature	**Db:** Sybase	

Survey: Pathfinder MWD

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
4774.00	79.40	270.89	4595.31	8 10	-339.76	339.32	5.74	5.22	-2.44	
4806.00	81.34	270 00	4600.67	8.34	-371.31	370.85	6.65	6.06	-2.78	
4837.00	83.71	269.35	4604.70	8.17	-402.04	401.57	7.92	7.65	-2.10	
4894.56	87.77	270.63	4608.97	8.16	-459.43	458.93	7.39	7.05	2.22	EOC @ 4895' MD/ 4620' TVD
4933.00	90.48	271.48	4609.56	8.87	-497.85	497.31	7.39	7.05	2.21	
5028.00	91.89	272.81	4607.60	12.42	-592.76	592.06	2.04	1.48	1.40	
5123 00	91.10	273.99	4605.12	18.06	-687.56	686.63	1.49	-0.83	1.24	
5219 00	91.10	274.59	4603.28	25.24	-783.27	782.06	0.62	0.00	0.62	
5314.00	92.68	276 14	4600.14	34.11	-877.80	876.25	2.33	1.66	1.63	
5409 00	90.66	275.19	4597.37	43.48	-972.29	970.39	2 35	-2.13	-1 00	
5504.00	94.18	276.62	4593 36	53.25	-1066.68	1064.43	4 00	3.71	1.51	
5600.00	91.10	274.60	4588.94	62.62	-1162.10	1159.50	3.84	-3.21	-2.10	
5695.00	91.98	276.34	4586.39	71.67	-1256.63	1253.69	2.05	0.93	1.83	
5790.00	91.01	274.03	4583.91	80.25	-1351.21	1347.94	2.64	-1.02	-2.43	
5885.00	90.31	270.50	4582.81	84.00	-1446.11	1442.67	3.79	-0.74	-3.72	
5978.00	91.54	270.07	4581 31	84.47	-1539.09	1535.59	1.40	1.32	-0.46	
6073.00	88.99	267.88	4580.87	82.77	-1634.06	1630.57	3.54	-2.68	-2.31	
6168.00	91.63	268.98	4580.36	80.16	-1729.02	1725.56	3.01	2.78	1.16	
6295.00	91 54	269.94	4576.85	78.97	-1855.96	1852.47	0.76	-0.07	0.76	
6414.56	93 37	270.65	4571.72	79.58	-1975.40	1971.83	1.64	1.53	0.60	EOH @ 6415' MD, Begin Bui
6421.00	93 47	270.69	4571.34	79 66	-1981.83	1978.26	1.64	1.53	0.60	
6481.20	91.78	269.61	4568.58	79.82	-2041.97	2038.35	3.33	-2.81	-1.79	EOB @ 6481' MD, 92° INC,
6549.00	89.87	268.40	4567.61	78.64	-2109.74	2106.14	3.33	-2.81	-1.79	
6675.00	90.92	267.08	4566.74	73.67	-2235.64	2232.12	1.34	0.83	-1.05	
6801.00	93.12	269 02	4562.30	69.39	-2361.47	2358.03	2 33	1.75	1.54	
6926.00	92.15	267.10	4556.55	65.16	-2486.26	2482.89	1.72	-0.78	-1.54	
7052.00	91.80	266.87	4552.21	58.54	-2612.01	2608.79	0.33	-0.28	-0.18	
7178.00	91.10	267.36	4549.02	52.20	-2737.81	2734.73	0.68	-0.56	0.39	
7304.00	90.31	266.96	4547.47	45.95	-2863 65	2860.70	0.70	-0.63	-0.32	
7431.00	89.78	265.96	4547.37	38.11	-2990.40	2987.64	0.89	-0.42	-0.79	
7557.00	91.80	267.99	4545.63	31.46	-3116.20	3113.59	2.27	1.60	1.61	
7652 00	93.03	267.98	4541.63	28.13	-3211.06	3208.50	1.29	1.29	-0.01	
7778.00	90.75	266.25	4537.48	21.79	-3336.81	3334.40	2.27	-1.81	-1.37	
7904.00	89.60	265.94	4537.09	13.21	-3462.52	3460.31	0.95	-0.91	-0 25	
8031.00	90.48	265.55	4537.00	3.78	-3589.17	3587.20	0.76	0.69	-0.31	
8158 00	91.01	265.97	4535.35	-5.60	-3715.81	3714.08	0.53	0 42	0 33	Final MWD Survey @ 8158'
8234.00	91.01	265 97	4534.01	-10.94	-3791.61	3790 01	0.00	0.00	0.00	Proj. to Bit @ 8234' MD

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ----> Deg Min Sec	<---- Longitude ----> Deg Min Sec
PBHL			4552.00	-127.20	-3963.20	710864.60	434141.40	32 57 14 599 N	104 32 52.932 W

Annotation

MD ft	TVD ft	
4041.00	4040.48	Tie-in to Gyro @ 4041' MD
4130.00	4129.45	KOP @ 4130' MD/TVD, Begin Build @ 11.94° DLS
4894.56	4608.97	EOC @ 4895' MD/ 4620' TVD, Begin Hold
6414.56	4571.72	EOH @ 6415' MD, Begin Build @ 3°/100'
6481.20	4568.58	EOB @ 6481' MD, 92° INC, Begin Hold to TD
8158.00	4535.35	Final MWD Survey @ 8158' MD
8234.00	4534 01	Proj. to Bit @ 8234' MD

Field: Thames Field
Site: Po B 1 Fee #1HY
Well: Po B 1 Fee #1HY
Wellpath: OH
Survey: Pathfinder MWD

eog resources

PATHFINDER

Survey: Pathfinder MWD (Po B 1 Fee #1HY/OH)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
47	7178 00	91 10	267 36	4549 02	52 20	-2737.81	0 68	145 01	2734 73
48	7304 00	90 31	266 96	4547 47	45 95	-2863.65	0 70	-153 14	2860 70
49	7431 00	89 78	265 96	4547 37	38 11	-2990 40	0 89	-117 92	2987 64
50	7557 00	91 80	267 99	4545 63	31 46	-3116.20	2 27	45 13	3113 59
51	7652 00	93 03	267 98	4541 63	28 13	-3211 06	1 29	-0 47	3208 50
52	7778.00	90 75	266 25	4537 48	21 79	-3336.81	2 27	-142 79	3334 40
53	7904.00	89 60	265 94	4537 09	13 21	-3462 52	0 95	-164 91	3460 31
54	8031 00	90 48	265 55	4537 00	3 78	-3589 17	0 76	-23 90	3587 20
55	8158.00	91 01	265 97	4535 35	-5 60	-3715 81	0 53	38 39	3714 08
56	8234 00	91 01	265 97	4534 01	-10 94	-3791 61	0 00	0 00	3790 01

LEGEND

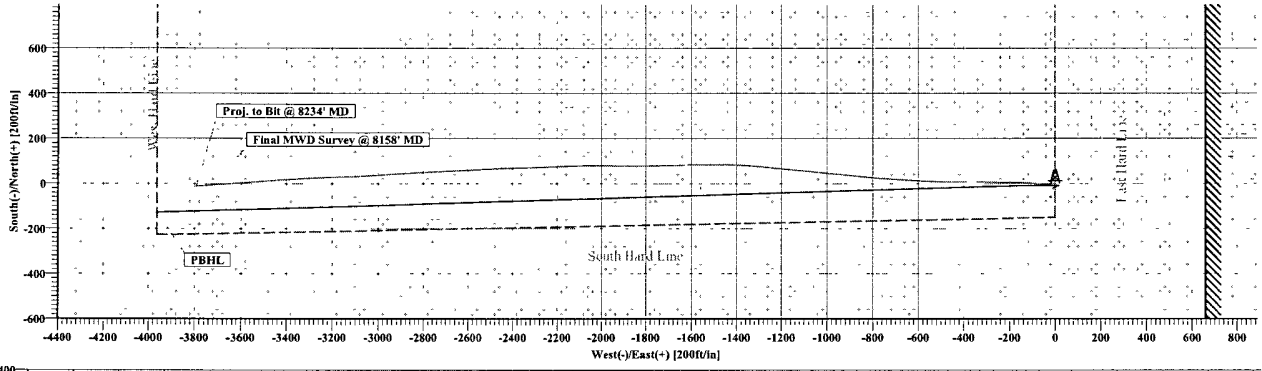
- Po B 1 Fee #1HY,OH,Plan #2 6-18-07 Post Gyro
- OH
- Pathfinder MWD

SITE DETAILS

Po B 1 Fee #1HY

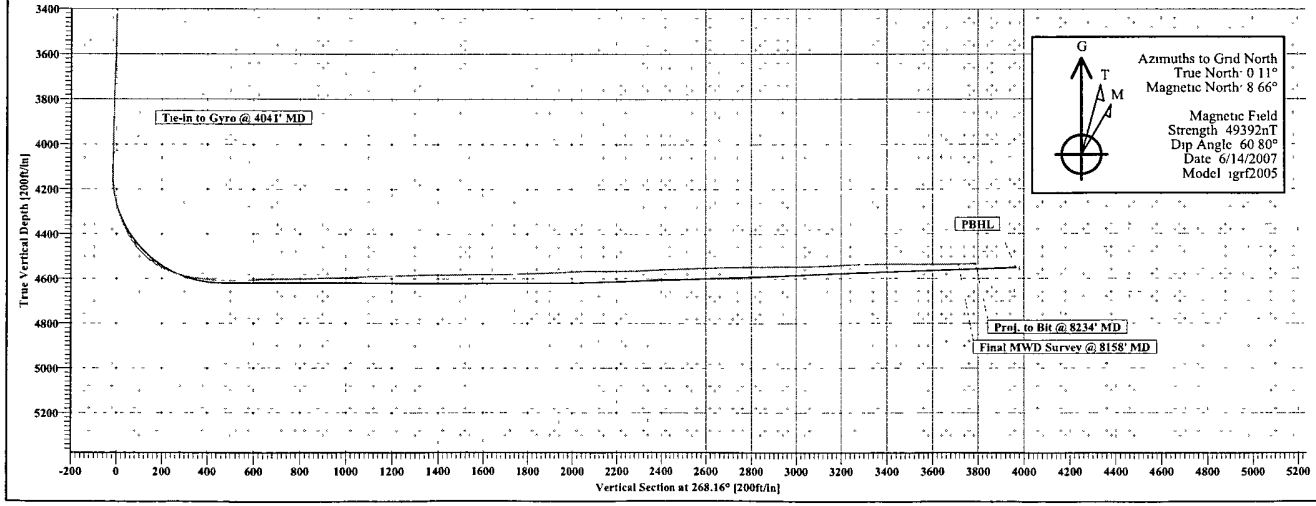
Site Centre Northing 710991 80
Easting 438104 60

Ground Level 3556 00
Positional Uncertainty 0 00
Convergence -0 11



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
PBHL	4552.00	-127 20	-3963 20	Point



WELLPATH DETAILS

OH

Rig Ref Datum RKB 3576 00ft

V Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
268 16°	0 00	0 00	0 00

ANNOTATIONS

No	TVD	MD	Annotation
1	4040 48	4041 00	Tie-in to Gyro @ 4041' MD
2	4129 45	4130 00	KOP @ 4130' MD/TVD, Begin Build @ 11 94° DLS
3	4608 97	4894 56	EOC @ 4895' MD/ 4620' TVD, Begin Hold
4	4571 72	6414 56	EOH @ 6415' MD, Begin Build @ 3°/100'
5	4568 58	6481 20	EOB @ 6481' MD, 92° INC, Begin Hold to TD
6	4535 35	8158 00	Final MWD Survey @ 8158' MD
7	4534 01	8234 00	Proj to Bit @ 8234' MD

Survey Pathfinder MWD (Po B 1 Fee #1HY/OH)
Created By Derek Crocker Date 7/2/2007

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-35650	75260	Cottonwood Creek; Wolfcamp, West (Gas)

Property Code	Property Name	Well Number
35559	PO "B" 1 FEE	1HY

OGRID No.	Operator Name	Elevation
7377	EOG RESOURCES, INC.	3557'

Surface Location

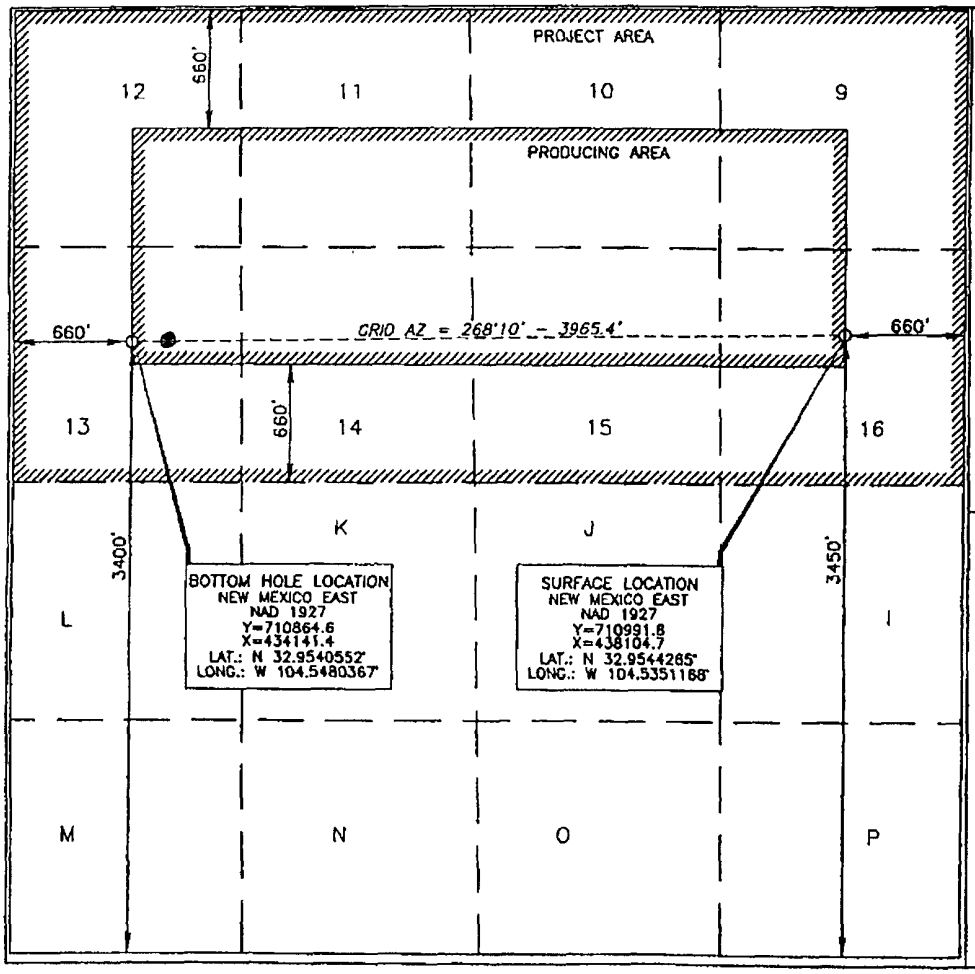
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
16	1	16 SOUTH	24 EAST, N.M.P.M.		3450'	SOUTH	660'	EAST	EDDY

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
13	1	16 SOUTH	24 EAST, N.M.P.M.		3439	SOUTH	828	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 8/1/07
Signature Date

Stan Wagner
Printed Name

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.

MAR 29, 2007
Date of Survey

Signature and Seal of Professional Surveyor

NEW MEXICO 15079 REGISTERED PROFESSIONAL LAND SURVEYOR

Jerry J. Asel 6/1/2007
Certificate Number 15079

WO# 060307WL-c REV. A (JL)

eog resources

EOG Resources, Inc.
4000 North Big Spring, Suite 500
Midland, TX 79705
(915) 686-3600

AUG 07 2007
OCD-ARTESIA

August 1, 2007

State of New Mexico
Oil Conservation Division – District 2
1301 W. Grand Avenue
Artesia, New Mexico 88210

Re: Request for exception to Rule 107 J
Tubingless Completion
Po B 1 Fee No. 1HY

EOG Resources, Inc. requests an exception to NMOCD Rule 107 J regarding required production tubing. EOG requests a tubingless completion for our Po B 1 Fee No. 1HY to allow greater flowback after frac stimulation.

Our plan is to install production tubing as soon as flow decreases, which should occur within 6 months.

Thank you for your consideration of this request. If additional information is needed, please contact me at 432 686-3689.

Sincerely,

EOG Resources, Inc.

Stan Wagner
Regulatory Analyst

AUG 07 2007
OCD-ARTESIA

Keltic Services, Inc
Box 1857
Artesia, NM
88211

505 748 3759

Temperature Survey

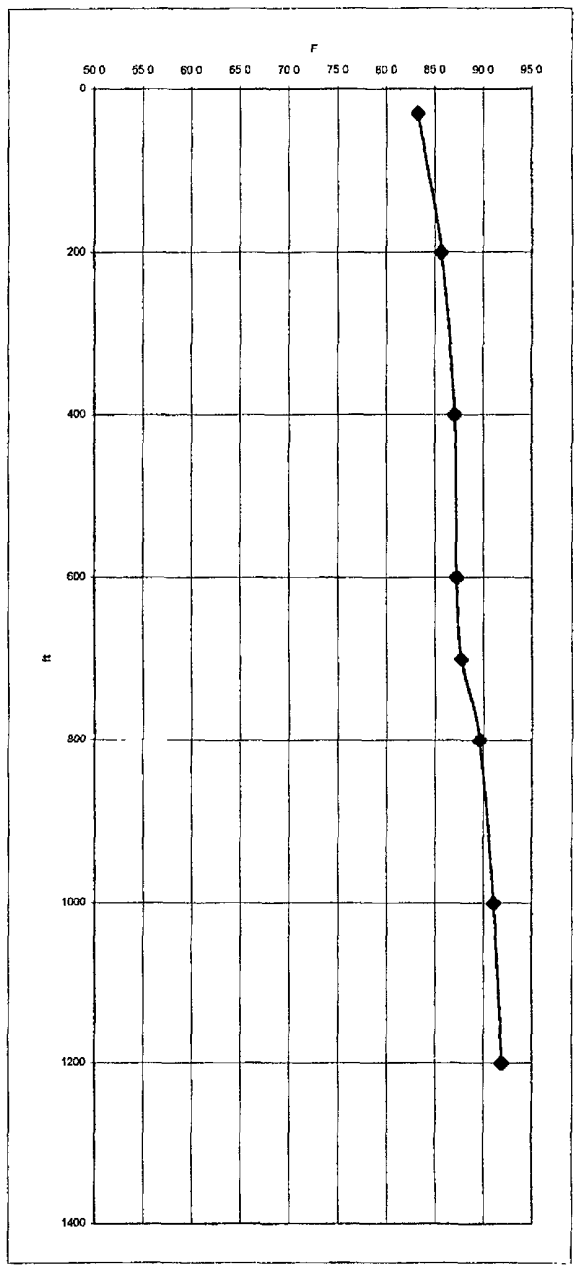
Company	EOG RESOURCES	Date	06/24/07
Well	PO B1 FEE #1-HY	Time Plug Down	300 hrs
		Time Start Survey	700 hrs
		Time End Survey	800 hrs
Casing String	PRODUCTION	Depth Reached	1200 ft

Cement Top **700 ft.**

Gauge 205

Operator: Julian Witness: LYNN CLAYTON

Keltic Services Inc
Tempreature Survey

Company	EOG RESOURCES	Date	6/24/07
Well	PO B1 FEE E #1-HY	Plug Down	300 hrs
		Survey Start	700 hrs
Cement Top	700 ft	Operator	Julian

Depth ft	Temp. °F	Comments
30	83.3	
200	85.7	
400	87.0	
600	87.2	
700	87.7	CT
800	89.6	
1000	91.1	
1200	91.9