

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

Form C-103
May 27, 2004

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

WELL API NO. 30-015-34488
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Columbia 33 Fee
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Eagle Creek; Wolfcamp (Gas)

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3716' 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 _____

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.)

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

2. Name of Operator
EOG Resources Inc.

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

4. Well Location
Unit Letter **P**: **760** feet from the **South** line and **660** feet from the **East** line
Section **33** Township **16S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3716' 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 ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
PULL OR ALTER CASING ☐	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.

6/12/07 TD @ 8337' MD
6/13/07 Ran 200 jts 5 1/2", 17 #, N-80 casing set @ 8337'.
Cemented w/ 550 sx 50/50 POZ C, 11.9 ppg, 2.34 yield; 745 sx 50/50 POZ C, 14.2 ppg, 1.37 yield.
Circulated 156 sx to surface.
6/14/07 Released rig.
6/18/07 MIRU for completion.
Step rate tested 5 1/2" casing to 7000 psi for 30 min. Test good.
6/20/07 Perforated from 7567' to 8210', 0.48", 30 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 8/1/07

Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 3689

For State Use Only **FOR RECORDS ONLY** **AUG 15 2007**

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

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

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1. Type of Well: Oil Well ☐ Gas Well ☒ Other
2. Name of Operator EOG Resources Inc.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702
4. Well Location Unit Letter P ; 760 feet from the South line and 660 feet from the East line Section 33 Township 16S Range 24E NMPM County Eddy
5. Date of Notice AUG 09 2007
6. District OCD-ARTESIA

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.

6/25/07 Frac w/ 107 bbls 15% HCL acid, 711 bbls XL gel, 92005 lbs 30/50 sand, 37056 lbs 20/40 sand, 65942 lbs 100 Mesh sand, 7068 bbls load water.
Perforated from 6925' to 7445', 0.42", 35 holes.
Frac w/ 160 bbls 15% HCL acid, 607 bbls XL gel, 131179 lbs 30/50 sand, 26576 lbs 20/40 sand, 53280 lbs 100 Mesh sand, 6176 bbls load water.
6/29/07 Perforated from 6405' to 6795', 0.42", 32 holes.
Flow back.

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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 8/1/07

Type or print name **Stan Wagner**

E-mail address:

Telephone No. **432 686 3689**

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APPROVED BY _____ TITLE _____ DATE AUG 15 2007

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7. Lease Name or Unit Agreement Name: Columbia 33 Fee
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Eagle Creek; Wolfcamp (Gas)

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 _____

SUNDRY NOTICES AND REPORTS ON WELLS
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11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3716' GR		

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TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
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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.

7/05/07 Frac w/ 71 bbls 15% HCL acid, 480 bbls XL gel, 43000 lbs 100 Mesh sand, 60000 lbs 30/50 sand, 24000 lbs 20/40 sand, 4824 bbls load water.
Perforated from 5625' to 6275', 0.42", 36 holes.
Frac w/ 107 bbls 15% HCL acid, 0 bbls XL gel, 52000 lbs 100 Mesh sand, 75000 lbs 30/50 sand, 36000 lbs 20/40 sand, 6881 bbls load water.
Perforated from 4975' to 5495', 0.42", 35 holes.
Frac w/ 234 bbls 15% HCL acid, 426 bbls XL gel, 52000 lbs 100 Mesh sand, 75000 lbs 30/50 sand, 30000 lbs 20/40 sand, 4308 bbls load water. Flow back.

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SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 8/1/07
Type or print name **Stan Wagner** E-mail address: _____ Telephone No. **432 686 3689**

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APPROVED BY FOR RECORDS ONLY TITLE _____ DATE AUG 15 2007
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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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7/07/07 RIH to drill out frac plugs and clean out.
7/13/07 RIH w/ 2 3/8" production tubing set @ 5661'.
7/14/07 Flow back to clean up.
7/17/07 Turned to sales.

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SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 8/1/07

Type or print name Stan Wagner

E-mail address:

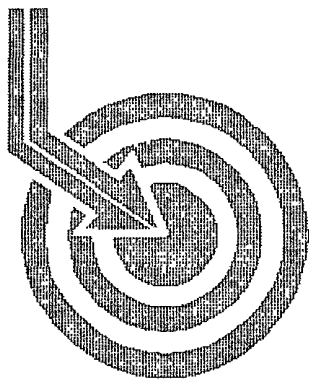
Telephone No. 432 686 3689

For State Use Only FOR RECORDS ONLY

AUG 1 5 2007

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:



Scientific Drilling

E.O.G.

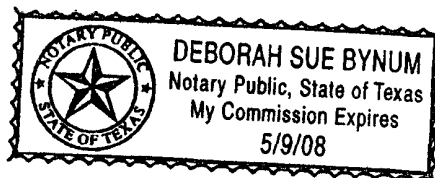
Field: Columbia
Site: Eddy County, NM
Well: Columbia 33 Fee #2H
Wellpath: VH - Job #32K0607464
Survey: 06/05/07

This survey is correct to the best of my knowledge
and is supported by actual field data.

Shawn.....Company Representative

Notorized this date 11th of July, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





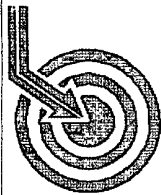
Scientific Drilling International Survey Report

Company: E.O.G.	Date: 06/26/2007	Time: 20:51:46	Page: 1
Field: Columbia	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Columbia 33 Fee #2H	Section (VS) Reference:	Well (0.00N,0.00E,269.85Azi)	
Wellpath: VH - Job #32K0607464	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 06/05/07	Start Date: 06/05/2007
Company: Scientific Drilling Internatio	Engineer: Rehders w/GeoGyro
Tool: Keeper,Keeper Surface Readout Gyro	Tied-to: From Surface

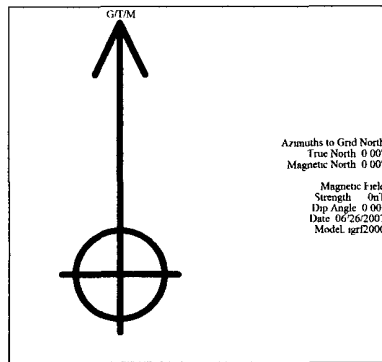
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.25	113.44	100.00	-0.20	-0.09	0.20	0.25	0.22	113.44
200.00	0.22	121.46	200.00	-0.56	-0.27	0.56	0.04	0.63	115.89
300.00	0.81	260.88	300.00	-0.03	-0.49	0.03	0.99	0.49	176.47
400.00	0.90	256.74	399.98	1.43	-0.78	-1.43	0.11	1.63	241.49
500.00	0.15	91.94	499.98	2.07	-0.96	-2.07	1.05	2.28	245.01
600.00	0.92	91.35	599.98	1.14	-0.99	-1.13	0.77	1.50	228.95
700.00	1.28	94.61	699.96	-0.78	-1.09	0.78	0.37	1.35	144.42
800.00	1.18	88.38	799.93	-2.92	-1.16	2.93	0.17	3.15	111.55
900.00	1.07	86.28	899.92	-4.88	-1.07	4.89	0.12	5.00	102.30
1000.00	0.87	81.74	999.90	-6.57	-0.90	6.57	0.21	6.63	97.77
1100.00	0.89	80.08	1099.89	-8.08	-0.65	8.09	0.03	8.11	94.62
1200.00	1.22	76.99	1199.87	-9.89	-0.28	9.89	0.33	9.89	91.62
1300.00	1.19	82.98	1299.85	-11.96	0.09	11.96	0.13	11.96	89.58
1400.00	0.92	83.73	1399.83	-13.79	0.30	13.79	0.27	13.79	88.75
1500.00	0.95	86.51	1499.82	-15.41	0.44	15.41	0.05	15.42	88.37
1600.00	0.78	90.32	1599.81	-16.92	0.49	16.92	0.18	16.93	88.35
1700.00	0.68	102.67	1699.80	-18.18	0.35	18.18	0.19	18.18	88.89
1800.00	0.65	144.76	1799.79	-19.08	-0.24	19.08	0.48	19.09	90.72
1900.00	0.78	173.50	1899.79	-19.49	-1.38	19.49	0.38	19.54	94.05
2000.00	0.76	185.69	1999.78	-19.49	-2.72	19.50	0.16	19.69	97.93
2100.00	0.82	200.74	2099.77	-19.17	-4.05	19.18	0.22	19.60	101.91
2200.00	0.76	227.98	2199.76	-18.42	-5.16	18.43	0.38	19.14	105.64
2300.00	0.82	227.94	2299.75	-17.39	-6.08	17.41	0.06	18.44	109.26
2400.00	0.82	227.43	2399.74	-16.33	-7.05	16.35	0.01	17.81	113.31
2500.00	0.92	236.18	2499.73	-15.14	-7.98	15.16	0.17	17.13	117.75
2600.00	0.80	243.72	2599.72	-13.84	-8.73	13.87	0.16	16.39	122.20
2700.00	0.95	267.06	2699.71	-12.39	-9.08	12.41	0.38	15.38	126.20
2800.00	0.86	267.67	2799.69	-10.81	-9.16	10.83	0.09	14.19	130.21
2900.00	0.96	269.69	2899.68	-9.22	-9.19	9.25	0.11	13.04	134.83
3000.00	0.87	278.22	2999.67	-7.63	-9.09	7.66	0.16	11.88	139.88
3100.00	1.00	285.68	3099.65	-6.04	-8.74	6.07	0.18	10.64	145.25
3200.00	0.98	295.36	3199.64	-4.43	-8.14	4.45	0.17	9.28	151.32
3300.00	1.04	299.96	3299.62	-2.87	-7.32	2.89	0.10	7.87	158.43
3400.00	0.63	337.52	3399.61	-1.88	-6.36	1.90	0.66	6.64	163.39
3500.00	0.70	338.09	3499.61	-1.45	-5.29	1.46	0.07	5.48	164.57
3600.00	0.87	332.22	3599.60	-0.87	-4.05	0.88	0.19	4.14	167.77
3700.00	0.68	4.38	3699.59	-0.56	-2.78	0.57	0.47	2.84	168.45
3765.00	0.97	327.97	3764.58	-0.30	-1.93	0.31	0.90	1.96	170.99

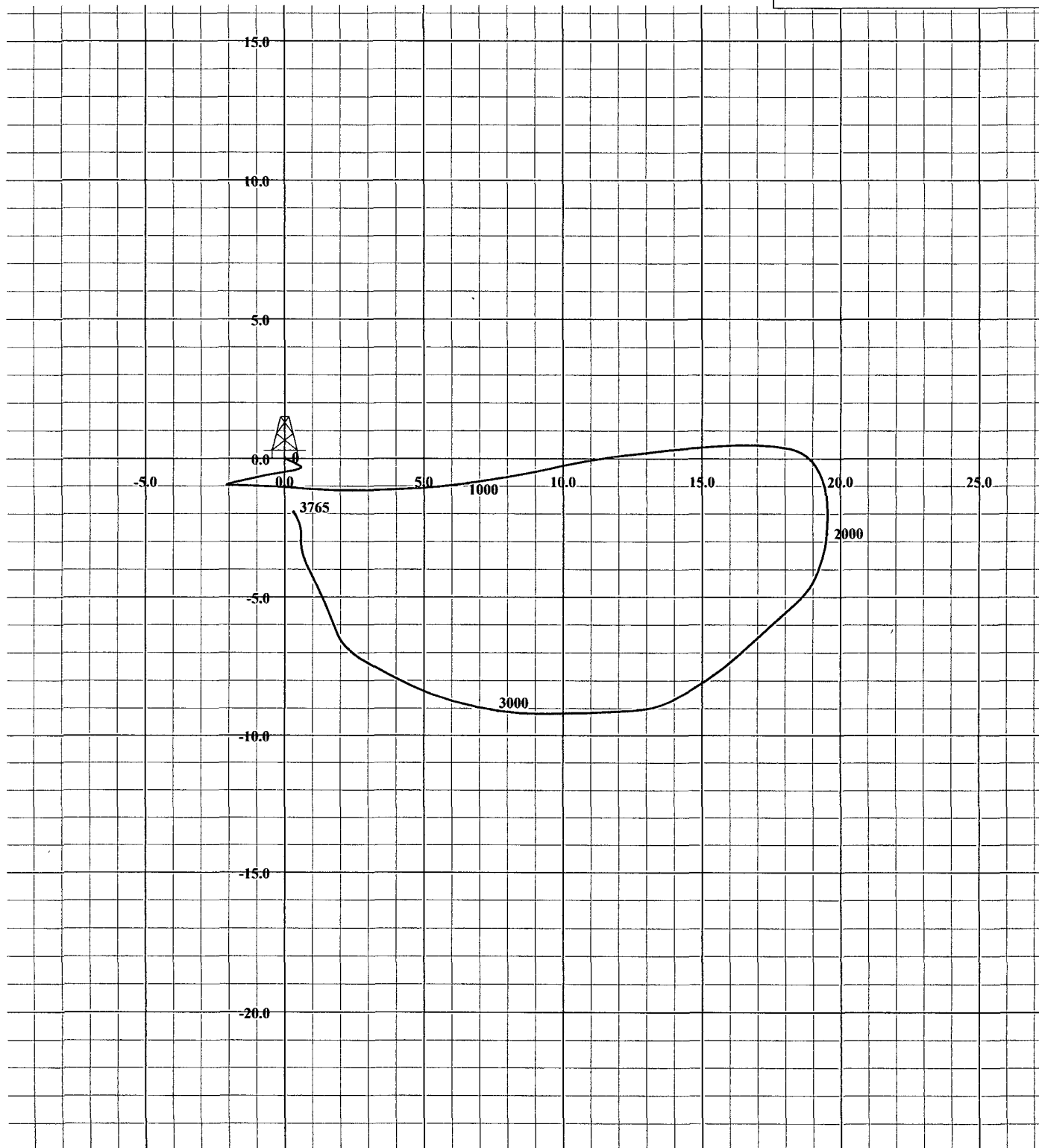


Scientific
Drilling

Field: Columbia
Site: Eddy County, NM
Well: Columbia 33 Fee #2H
Wellpath: VH - Job #32K0607464
Survey: 06/05/07



South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]

Pathfinder Energy

Survey Report

Company: EOG Resources Field: Thames Field Site: Columbia 33 Fee #2H Well: Columbia 33 Fee #2H Wellpath: OH		Date: 6/13/2007 Time: 08:51:16 Page: 1 Co-ordinate(NE) Reference: Well: Columbia 33 Fee #2H; Grid North Vertical (TVD) Reference: SITE 3735.0 Section (VS) Reference: Well (0.00N,0.00E,269.85Azi) 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: Columbia 33 Fee #2H										
Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3716.00 ft		Northing: 681716.00 ft Easting: 422099.00 ft Latitude: 32 52 25.903 N Longitude: 104 35 13.440 W North Reference: Grid Grid Convergence: -0.14 deg								
Well: Columbia 33 Fee #2H		Slot Name:								
Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft		Northing: 681716.00 ft Easting: 422099.00 ft Latitude: 32 52 25.903 N Longitude: 104 35 13.440 W								
Wellpath: OH Current Datum: SITE Magnetic Data: 5/29/2007 Field Strength: 49341 nT Vertical Section: Depth From (TVD) ft		Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.57 deg Mag Dip Angle: 60.71 deg +N/-S ft +E/-W ft Direction deg								
0.00		0.00								
0.00		269.85								
Survey: Pathfinder MWD Company: Pathfinder Energy Tool:		Start Date: 6/7/2007 Engineer: 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
3765.00	0.97	327.97	3764.58	-1.95	0.34	-0.33	0.00	0.00	0.00	
3859.00	1.06	331.80	3858.57	-0.51	-0.49	0.50	0.12	0.10	4.07	
3955.00	2.11	0.88	3954.53	2.04	-0.89	0.88	1.34	1.09	30.29	Tie In to Gyro Survey
4081.00	1.06	41.34	4080.48	5.24	-0.08	0.07	1.17	-0.83	32.11	
4113.00	0.97	18.33	4112.48	5.72	0.20	-0.21	1.29	-0.28	-71.91	
4145.00	3.34	294.39	4144.46	6.36	-0.56	0.55	10.56	7.41	-262.31	
4158.00	4.82	288.19	4157.43	6.68	-1.43	1.41	11.86	11.38	-47.70	KOP @ 4158' MD
4177.00	7.03	283.88	4176.32	7.21	-3.32	3.30	11.86	11.63	-22.68	
4209.00	11.08	281.49	4207.92	8.30	-8.23	8.21	12.71	12.66	-7.47	
4239.00	14.68	283.57	4237.16	9.76	-14.75	14.73	12.10	12.00	6.93	
4270.00	18.47	285.59	4266.87	12.00	-23.31	23.27	12.36	12.23	6.52	
4302.00	22.42	285.52	4296.84	15.00	-34.07	34.03	12.34	12.34	-0.22	
4334.00	25.94	282.94	4326.03	18.20	-46.78	46.73	11.48	11.00	-8.06	
4366.00	29.19	279.06	4354.40	21.00	-61.31	61.25	11.60	10.16	-12.12	
4398.00	32.27	275.26	4381.90	23.01	-77.53	77.47	11.37	9.62	-11.87	
4430.00	34.82	270.73	4408.58	23.91	-95.18	95.11	11.16	7.97	-14.16	
4462.00	37.72	266.68	4434.38	23.46	-114.09	114.03	11.75	9.06	-12.66	
4493.00	41.15	264.42	4458.32	21.92	-133.72	133.66	11.99	11.06	-7.29	
4525.00	45.11	264.20	4481.67	19.75	-155.48	155.43	12.38	12.37	-0.69	
4557.00	48.63	265.47	4503.54	17.65	-178.73	178.69	11.37	11.00	3.97	
4589.00	51.88	267.24	4524.00	16.10	-203.29	203.24	11.01	10.16	5.53	
4620.00	55.84	268.56	4542.28	15.19	-228.30	228.26	13.23	12.77	4.26	
4639.67	58.11	269.29	4553.00	14.88	-244.79	244.75	11.94	11.52	3.71	PBHL
4652.00	59.53	269.73	4559.38	14.79	-255.33	255.29	11.94	11.54	3.57	

Pathfinder Energy

Survey Report

Company: EOG Resources Field: Thames Field Site: Columbia 33 Fee #2H Well: Columbia 33 Fee #2H Wellpath: OH	Date: 6/13/2007 Co-ordinate(NE) Reference: Well: Columbia 33 Fee #2H, Grid North Vertical (TVD) Reference: SITE 3735.0 Section (VS) Reference: Well (0.00N,0.00E,269.85Azi) 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
4684.00	63.40	270.27	4574.67	14.79	-283.44	283.40	12.18	12.09	1.69	
4716.00	67.53	271.45	4587.95	15.24	-312.54	312.50	13.33	12.91	3.69	
4748.00	71.49	272.08	4599.15	16.16	-342.50	342.45	12.51	12.37	1.97	
4780.00	74.04	272.08	4608.63	17.27	-373.04	372.99	7.97	7.97	0.00	
4811.00	76.59	272.05	4616.49	18.35	-403.00	402.95	8.23	8.23	-0.10	
4843.00	78.79	271.30	4623.31	19.26	-434.25	434.20	7.25	6.87	-2.34	
4875.00	81.69	271.13	4628.74	19.93	-465.78	465.72	9.08	9.06	-0.53	
4906.00	84.42	271.33	4632.48	20.59	-496.54	496.48	8.83	8.81	0.65	
4916.34	85.24	271.27	4633.42	20.83	-506.83	506.78	7.99	7.97	-0.63	EOC @ 4916' MD, 4640' TVD
4938.00	86.97	271.13	4634.89	21.28	-528.44	528.38	7.99	7.97	-0.62	
4969.00	87.05	271.22	4636.50	21.91	-559.39	559.33	0.39	0.26	0.29	
5065.00	89.08	272.03	4639.74	24.63	-655.29	655.22	2.28	2.11	0.84	
5160.00	88.29	271.76	4641.92	27.77	-750.21	750.14	0.88	-0.83	-0.28	
5255.00	88.99	271.93	4644.18	30.83	-845.14	845.05	0.76	0.74	0.18	
5351.00	91.89	271.86	4643.44	34.01	-941.07	940.98	3.02	3.02	-0.07	
5414.00	91.54	271.94	4641.56	36.09	-1004.01	1003.91	0.57	-0.56	0.13	
5478.00	92.86	272.13	4639.10	38.36	-1067.92	1067.81	2.08	2.06	0.30	
5573.00	92.51	272.23	4634.65	41.97	-1162.75	1162.63	0.38	-0.37	0.11	
5668.00	92.59	272.81	4630.42	46.15	-1257.56	1257.43	0.62	0.08	0.61	
5764.00	92.68	273.02	4626.01	51.02	-1353.33	1353.19	0.24	0.09	0.22	
5859.00	93.21	273.42	4621.13	56.35	-1448.06	1447.90	0.70	0.56	0.42	
5916.34	93.21	272.49	4617.92	59.30	-1505.23	1505.07	1.62	0.00	-1.62	End hold at 5916' MD, Beg
5954.00	93.21	271.88	4615.81	60.74	-1542.81	1542.64	1.62	0.00	-1.62	
5983.17	92.73	271.62	4614.30	61.63	-1571.92	1571.75	1.87	-1.66	-0.88	End Build @ 5983' MD, 92.
5986.00	92.68	271.60	4614.16	61.71	-1574.75	1574.58	1.87	-1.66	-0.87	
6050.00	92.77	271.57	4611.12	63.48	-1638.65	1638.47	0.15	0.14	-0.05	
6082.00	92.77	272.02	4609.58	64.48	-1670.60	1670.42	1.40	0.00	1.41	
6178.00	93.97	271.06	4603.93	67.05	-1766.39	1766.21	1.60	1.25	-1.00	
6241.00	91.19	269.17	4601.10	67.18	-1829.32	1829.13	5.33	-4.41	-3.00	
6337.00	91.98	268.69	4598.44	65.39	-1925.27	1925.08	0.96	0.82	-0.50	
6433.00	93.65	269.00	4593.73	63.45	-2021.13	2020.95	1.77	1.74	0.32	
6530.00	92.59	269.00	4588.45	61.76	-2117.97	2117.79	1.09	-1.09	0.00	
6626.00	94.35	269.99	4582.64	60.92	-2213.78	2213.61	2.10	1.83	1.03	
6720.00	93.91	269.98	4575.87	60.89	-2307.54	2307.37	0.47	-0.47	-0.01	
6817.00	91.71	269.91	4571.11	60.80	-2404.42	2404.24	2.27	-2.27	-0.07	
6913.00	91.01	268.94	4568.83	59.84	-2500.38	2500.21	1.25	-0.73	-1.01	
7008.00	91.45	271.32	4566.79	60.05	-2595.35	2595.18	2.55	0.46	2.51	
7104.00	92.95	271.05	4563.11	62.04	-2691.26	2691.08	1.59	1.56	-0.28	
7136.00	94.35	271.76	4561.07	62.82	-2723.18	2723.00	4.90	4.37	2.22	
7168.00	95.58	271.58	4558.30	63.75	-2755.05	2754.87	3.88	3.84	-0.56	
7200.00	95.32	271.58	4555.26	64.63	-2786.89	2786.71	0.81	-0.81	0.00	
7232.00	95.23	271.49	4552.32	65.48	-2818.75	2818.56	0.40	-0.28	-0.28	
7264.00	94.97	271.40	4549.48	66.28	-2850.61	2850.42	0.86	-0.81	-0.28	
7296.00	94.70	271.32	4546.78	67.04	-2882.49	2882.29	0.88	-0.84	-0.25	
7328.00	94.53	271.00	4544.20	67.69	-2914.38	2914.18	1.13	-0.53	-1.00	
7361.00	94.44	271.40	4541.62	68.38	-2947.27	2947.07	1.24	-0.27	1.21	
7393.00	94.00	271.40	4539.27	69.16	-2979.17	2978.97	1.37	-1.37	0.00	
7425.00	93.65	271.05	4537.13	69.84	-3011.09	3010.89	1.55	-1.09	-1.09	
7521.00	94.18	270.79	4530.58	71.38	-3106.86	3106.65	0.61	0.55	-0.27	
7616.00	94.00	271.14	4523.80	72.97	-3201.60	3201.39	0.41	-0.19	0.37	
7713.00	93.74	271.23	4517.26	74.97	-3298.36	3298.14	0.28	-0.27	0.09	
7808.00	94.09	270.88	4510.77	76.72	-3393.12	3392.90	0.52	0.37	-0.37	
7903.00	93.39	270.26	4504.57	77.66	-3487.91	3487.69	0.98	-0.74	-0.65	

Pathfinder Energy

Survey Report

Company: EOG Resources Field: Thames Field Site: Columbia 33 Fee #2H Well: Columbia 33 Fee #2H Wellpath: OH	Date: 6/13/2007 Time: 08:51:16 Page: 3 Co-ordinate(NE) Reference: Well: Columbia 33 Fee #2H, Grid North Vertical (TVD) Reference: SITE 3735.0 Section (VS) Reference: Well (0.00N,0.00E,269.85Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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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
7998.00	93.03	270.26	4499.25	78.09	-3582.76	3582.54	0.38	-0.38	0.00	
8094.00	92.77	269.73	4494.40	78.08	-3678.64	3678.41	0.61	-0.27	-0.55	
8190.00	92.33	269.38	4490.13	77.34	-3774.54	3774.32	0.59	-0.46	-0.36	
8265.00	92.42	269.21	4487.02	76.42	-3849.47	3849.25	0.26	0.12	-0.23	Final MWD Survey @ 8265'
8337.00	92.42	269.21	4483.98	75.42	-3921.40	3921.18	0.00	0.00	0.00	Proj. to Bit @ 8337' MD

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ---->			<---- Longitude ---->		
							Deg	Min	Sec	Deg	Min	Sec
PBHL		4553.00	-10 80	-4001.70	681705.20	418097.30	32	52	25.699 N	104	36	0.362 W

Annotation

MD ft	TVD ft	
3955.00	3954.53	Tie In to Gyro Survey
4158.00	4157.43	KOP @ 4158' MD
4916.34	4633.42	EOC @ 4916' MD, 4640' TVD, Begin 1000' Hold
5916.34	4617.92	End hold at 5916' MD, Begin Build @ 3"/100'
5983.17	4614.30	End Build @ 5983' MD, 92.01° INC
8265.00	4487.02	Final MWD Survey @ 8265' MD
8337.00	4483.98	Proj. to Bit @ 8337' MD



Field: Thames Field
Site: Columbia 33 Fee #2H
Well: Columbia 33 Fee #2H
Wellpath: OH
Survey: Pathfinder MWD



Survey Pathfinder MWD (Columbia 33 Fee #2H/OH)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
66	7393.00	94.00	271.40	4539.27	69.16	-2979.17	1.37	180.00	2978.97
67	7425.00	93.65	271.05	4537.13	69.84	-3011.09	1.55	-135.05	3010.89
68	7521.00	94.18	270.79	4530.58	71.38	-3106.86	0.61	-26.07	3106.65
69	7616.00	94.00	271.14	4523.80	72.97	-3201.60	0.41	117.26	3201.39
70	7713.00	93.74	271.23	4517.26	74.97	-3298.36	0.28	160.94	3298.14
71	7808.00	94.09	270.88	4510.77	76.72	-3393.12	0.52	-44.92	3392.90
72	7903.00	93.39	270.26	4504.57	77.66	-3487.91	0.98	-138.51	3487.69
73	7998.00	93.03	270.26	4499.25	78.09	-3582.76	0.38	180.00	3582.54
74	8094.00	92.77	269.73	4494.40	78.08	-3678.64	0.61	-116.15	3678.41
75	8190.00	92.33	269.38	4490.13	77.34	-3774.54	0.59	-141.52	3774.32
76	8265.00	92.42	269.21	4487.02	76.42	-3849.47	0.26	-62.08	3849.25
77	8337.00	92.42	269.21	4483.98	75.42	-3921.40	0.00	0.00	3921.18

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Columbia 33 Fee #2H	0.00	0.00	681716.00	422099.00	32°52'25.903N	104°35'13.440W	N/A

SITE DETAILS

Columbia 33 Fee #2H

Site Centre Northing 681716.00
Easting 422099.00

Ground Level 3716.00
Positional Uncertainty 0.00
Convergence -0.14

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
PBHL	4553.00	-10.80	-4001.70	Point

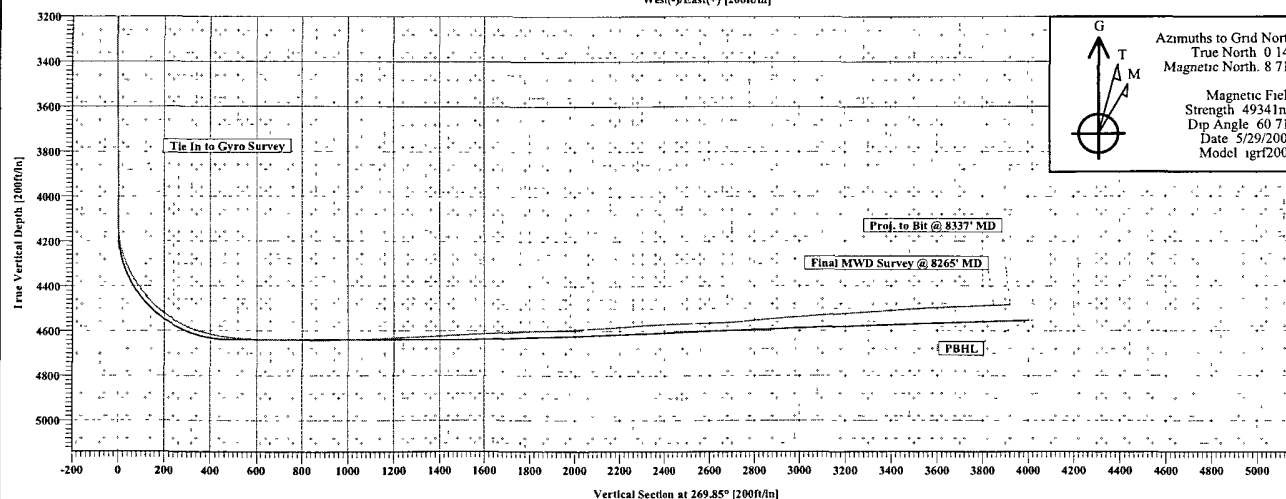
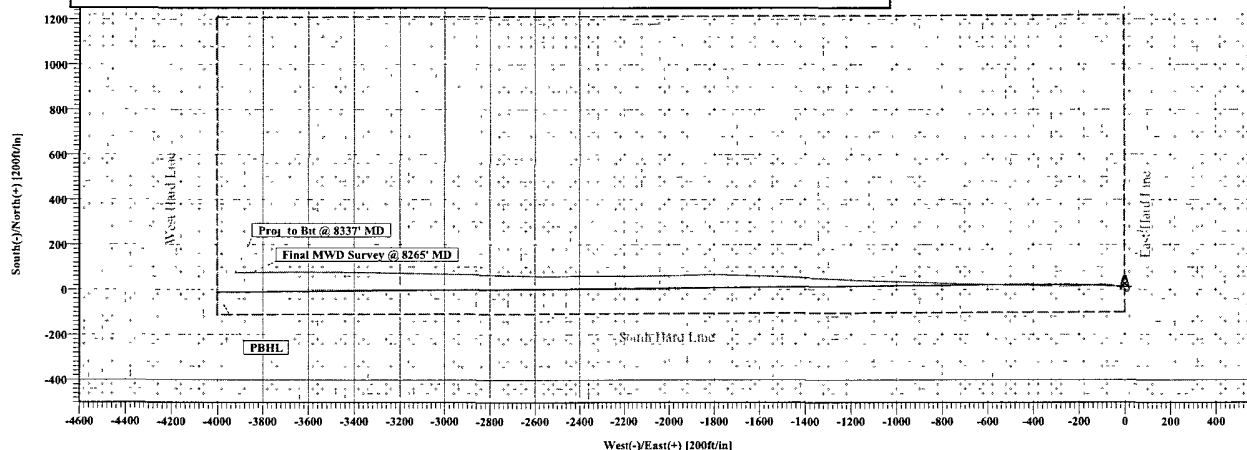
WELLPATH DETAILS

OH

Rig	SITE 3735 00ft		
Ref Datum			
V Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
269 85°	0 00	0 00	0 00

ANNOTATIONS

No	TVD	MD	Annotation
1	3954.53	3955.00	Tie In to Gyro Survey
2	4157.43	4158.00	KOP @ 4158' MD
3	4633.42	4916.34	EOC @ 4916' MD, 4640' TVD, Begin 1000' Hold
4	4617.92	5916.34	End hold at 5916' MD, Begin Build @ 3°/100'
5	4614.30	5983.17	End Build @ 5983' MD, 92.01° INC
6	4487.02	8265.00	Final MWD Survey @ 8265' MD
7	4483.98	8337.00	Proj to Bit @ 8337' MD



District I
1825 W. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rto 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 G-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 30-015-34488	Pool Code 96622	Pool Name Eagle Creek; Wolfcamp (Gas)
Property Code 35320	Property Name COLUMBIA 33 FEE	Well Number 2
OGRI No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3716'

Surface Location

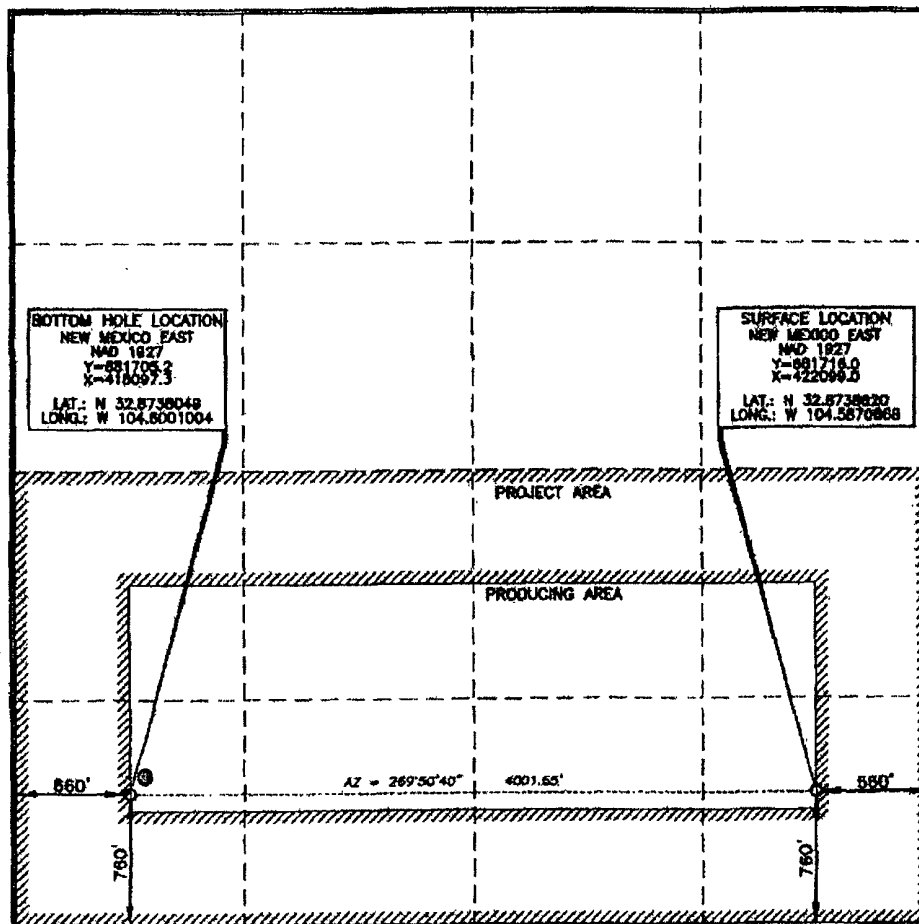
UL or lot no.	Section	Township	Range	Lot km	Feet from the	North/South line	Feet from the	East/West line	County
P	33	16 SOUTH	24 EAST, N.M.P.M.		760	SOUTH	660	EAST	EDDY

Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot km	Feet from the	North/South line	Feet from the	East/West line	County
M	33	16 SOUTH	24 EAST, N.M.P.M.		835	SOUTH	699	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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 8/7/07
Signature Date

Stan Wagner

Printed Name

SURVEYOR CERTIFICATION

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

15079
DECEMBER 17, 2005
Date of Survey
Terry J. Paul 12/19/05
Signature of Surveyor
Professional Surveyor
Certificate Number 15079

Wof 051216ML-b (200)



AUG 09 2007
OCD-ARTESIA

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

August 7, 2007

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

Re: Confidentiality Request
Columbia 33 Fee No. 2H

Enclosed please find logs and completion papers for our Columbia 33 Fee No. 2H.
EOG Resources, Inc. respectfully requests confidentiality for the logs and completion papers on this well.

Thank you for your consideration of this request.

Sincerely,

EOG Resources, Inc.

A handwritten signature in black ink, appearing to read "Stan Wagner", with a long horizontal flourish extending to the right.

Stan Wagner
Regulatory Analyst
432 686 3689