

Submit to appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
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-105
Revised March 25, 1999

WELL API NO.

30-015-33467

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER **RECEIVED**

2. Name of Operator

EOG Resources Inc.

JAN 27 2005

3. Address of Operator

P.O. Box 2267 Midland, Texas 79702

7. Lease Name or Unit Agreement Name

State 32 Com

8. Well No.

2

9. Pool name or Wildcat

Angel Ranch; Atoka-Morrow (Gas)

4. Well Location

Unit Letter E : 1980 Feet From The North Line and 660 Feet From The West Line

Section 32 Township 19S Range 28E NMPM Eddy County

10. Date Spudded

9/25/04

11. Date T.D. Reached

10/24/04

12. Date Compl. (Ready to Prod.)

12/15/04

13. Elevations (DF & RKB, RT, GR, etc.)

3380 GR

14. Elev. Casinghead

15. Total Depth

11275

16. Plug Back T.D.

11169

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

10408 -10418 Atoka, 11000-11006 Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

22. Was Well Cored

Yes

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4	42	424	14 3/4	415 sx C	
8 5/8	32	2700	11	900 sx 50:50 Poz, 300 sx C	
5 1/2	17	11270	7 7/8	785 sx Litecrete, 515 PVL	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	10265	10265

26. Perforation record (interval, size, and number)

10408 - 10418 40 holes (0.38")

11000 - 11006 24 holes (0.38")

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11000 - 11006	2250 gal 7 1/2% HCL; 26600# 20/40
10408 - 10418	2005 gal 7 1/2% HCL; 40000# 18/40

28. PRODUCTION

Date First Production

11/21/04

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

1/16/05

Hours Tested

24

Choke Size

OPEN

Prod'n For Test Period

Oil - Bbl.

6

Gas - MCF

1080

Water - Bbl.

0

Gas - Oil Ratio

180000

Flow Tubing Press.

430

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API -(Corr.)

40.0

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

SOLD

Test Witnessed By

30. List Attachments

C-103, C-104, Inclination

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Stan Wagner

Printed Name

Stan Wagner

Title Regulatory Analyst Date 1/25/05

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northeastern New Mexico

T. Anhy _____	T. Canyon _____ 9480	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9938	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 560	T. Atoka _____ 10176	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 790	T. Miss _____ 11052	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1700	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____ 6776	T. Entrada _____	T. _____
T. Abo _____	T. <u>3rd Bone Spring</u> _____ 8300	T. Wingate _____	T. _____
T. Wolfcamp _____ 8830	T. <u>Morrow</u> _____ 10716	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology



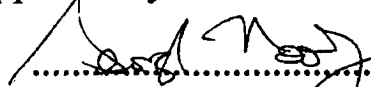
Scientific Drilling

E.O.G. (Enron Oil & Gas)

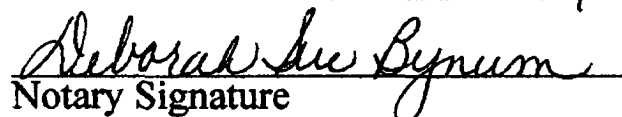
Field: State
Site: Eddy County, NM
Well: State 32 Com #2
Wellpath: VH - Job #32K1004613
Survey: 10/07/04

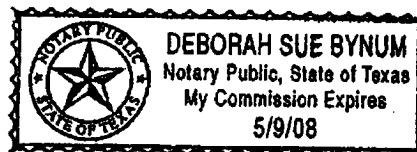
RECEIVED
JAN 27 2005
OCD-ARTESIA

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

.....Company Representative

Notorized this date 8th of November, 2004.


Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: E.O.G. (Enron Oil & Gas) Date: 11/7/2004 Time: 20:10:25 Page: 1
 Field: State Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Site: Eddy County, NM Vertical (TVD) Reference: SITE 0.0
 Well: State 32 Com #2 Section (VS) Reference: Well (0.00N,0.00E,331.24Azi)
 Wellpath: VH - Job #32K1004613 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 10/07/04 Start Date: 10/7/2004
 Company: Scientific Drilling Internatio Engineer: Guebara/Foster/Gray
 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
0.0	0.00	359.93	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.43	155.06	100.0	-0.4	-0.3	0.2	0.43	0.4	155.06
200.0	0.41	147.14	200.0	-1.1	-1.0	0.5	0.06	1.1	152.51
300.0	0.37	124.07	300.0	-1.7	-1.5	1.0	0.16	1.8	146.39
400.0	0.35	84.78	400.0	-2.2	-1.6	1.5	0.24	2.2	136.30
500.0	0.31	54.69	500.0	-2.3	-1.4	2.1	0.18	2.5	124.68
600.0	0.27	56.59	600.0	-2.2	-1.1	2.5	0.04	2.7	114.73
700.0	0.30	21.06	700.0	-2.0	-0.8	2.8	0.18	2.9	105.52
800.0	0.33	18.75	800.0	-1.6	-0.3	3.0	0.03	3.0	94.90
900.0	0.32	351.74	900.0	-1.2	0.3	3.0	0.15	3.0	84.42
1000.0	0.33	7.87	1000.0	-0.7	0.9	3.0	0.09	3.1	74.14
1100.0	0.37	342.42	1100.0	-0.2	1.4	3.0	0.16	3.3	63.89
1200.0	0.28	345.93	1200.0	0.4	2.0	2.8	0.09	3.4	54.54
1300.0	0.15	322.30	1300.0	0.8	2.3	2.7	0.15	3.5	48.73
1400.0	0.19	309.46	1400.0	1.0	2.5	2.5	0.06	3.5	43.96
1500.0	0.17	315.38	1500.0	1.3	2.8	2.2	0.03	3.5	38.87
1600.0	0.34	308.04	1600.0	1.8	3.0	1.9	0.17	3.6	31.74
1700.0	0.45	322.02	1700.0	2.4	3.5	1.4	0.15	3.8	21.71
1800.0	0.56	319.97	1800.0	3.3	4.2	0.9	0.11	4.3	11.41
1900.0	0.62	323.92	1900.0	4.3	5.0	0.2	0.07	5.0	2.49
2000.0	0.88	329.87	2000.0	5.6	6.1	-0.5	0.27	6.2	355.47
2100.0	0.83	329.52	2099.9	7.1	7.4	-1.2	0.05	7.5	350.52
2200.0	0.93	332.51	2199.9	8.6	8.8	-2.0	0.11	9.0	347.27
2300.0	0.94	339.38	2299.9	10.3	10.3	-2.6	0.11	10.6	345.54
2400.0	1.04	334.67	2399.9	12.0	11.8	-3.3	0.13	12.3	344.33
2500.0	0.93	339.45	2499.9	13.7	13.4	-4.0	0.14	14.0	343.43
2600.0	1.00	330.95	2599.9	15.4	14.9	-4.7	0.16	15.7	342.53
2700.0	1.04	340.53	2699.9	17.1	16.6	-5.4	0.17	17.4	341.85
2800.0	1.03	339.03	2799.8	18.9	18.3	-6.1	0.03	19.2	341.66
2900.0	1.09	338.18	2899.8	20.8	20.0	-6.7	0.06	21.1	341.39
3000.0	1.14	331.64	2999.8	22.7	21.7	-7.6	0.14	23.0	340.84
3100.0	1.19	342.52	3099.8	24.7	23.6	-8.3	0.23	25.0	340.54
3200.0	1.20	342.78	3199.8	26.7	25.6	-9.0	0.01	27.1	340.70
3300.0	1.20	347.55	3299.7	28.8	27.6	-9.5	0.10	29.2	341.02
3400.0	1.32	347.08	3399.7	30.9	29.8	-10.0	0.12	31.4	341.46
3500.0	1.62	6.31	3499.7	33.2	32.3	-10.1	0.57	33.8	342.66
3600.0	1.72	6.17	3599.6	35.5	35.2	-9.8	0.10	36.5	344.49
3700.0	1.67	9.45	3699.6	37.9	38.1	-9.4	0.11	39.2	346.20
3800.0	1.64	5.62	3799.6	40.2	41.0	-9.0	0.11	42.0	347.63
3900.0	1.47	358.69	3899.5	42.6	43.7	-8.9	0.25	44.6	348.52
4000.0	1.30	358.32	3999.5	44.7	46.1	-8.9	0.17	47.0	349.03
4100.0	1.18	352.44	4099.5	46.7	48.3	-9.1	0.17	49.1	349.31
4200.0	1.06	351.40	4199.5	48.5	50.2	-9.4	0.12	51.1	349.41
4300.0	1.00	353.16	4299.4	50.2	52.0	-9.6	0.07	52.9	349.51
4400.0	0.84	346.32	4399.4	51.7	53.5	-9.9	0.19	54.5	349.53
4500.0	0.76	348.26	4499.4	53.0	54.9	-10.2	0.08	55.9	349.47
4600.0	0.56	355.58	4599.4	54.1	56.0	-10.4	0.22	57.0	349.51
4700.0	0.52	352.32	4699.4	55.0	57.0	-10.5	0.05	57.9	349.58
4800.0	0.31	23.14	4799.4	55.6	57.7	-10.4	0.30	58.6	349.75



Scientific Drilling International

Survey Report

Company: E.O.G. (Enron Oil & Gas)
 Field: State
 Site: Eddy County, NM
 Well: State 32 Corn #2
 Wellpath: VH - Job #32K1004613

Date: 11/7/2004 Time: 20:10:25 Page: 2
 Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,331.24Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.28	25.57	4889.4	55.9	58.2	-10.2	0.03	59.0	350.03
5000.0	0.12	29.19	4999.4	56.1	58.5	-10.1	0.16	59.3	350.23
5100.0	0.26	8.68	5099.4	56.3	58.8	-10.0	0.15	59.6	350.36
5200.0	0.43	21.26	5199.4	56.8	59.4	-9.8	0.19	60.2	350.62
5300.0	0.61	55.63	5299.4	57.0	60.0	-9.2	0.35	60.7	351.25
5400.0	0.87	80.72	5399.4	56.8	60.4	-8.0	0.41	61.0	352.42
5500.0	1.31	92.88	5499.4	56.0	60.5	-8.2	0.49	60.8	354.19
5600.0	1.68	96.93	5599.3	54.5	60.3	-3.6	0.39	60.4	356.62
5700.0	1.66	101.22	5699.3	52.8	59.8	-0.7	0.13	59.8	359.35
5800.0	1.75	100.39	5799.2	50.9	59.2	2.2	0.09	59.3	2.17
5900.0	1.48	73.12	5899.2	49.6	59.3	5.0	0.81	59.6	4.80
5907.0	1.42	71.90	5906.2	49.6	59.4	5.1	0.96	59.6	4.95



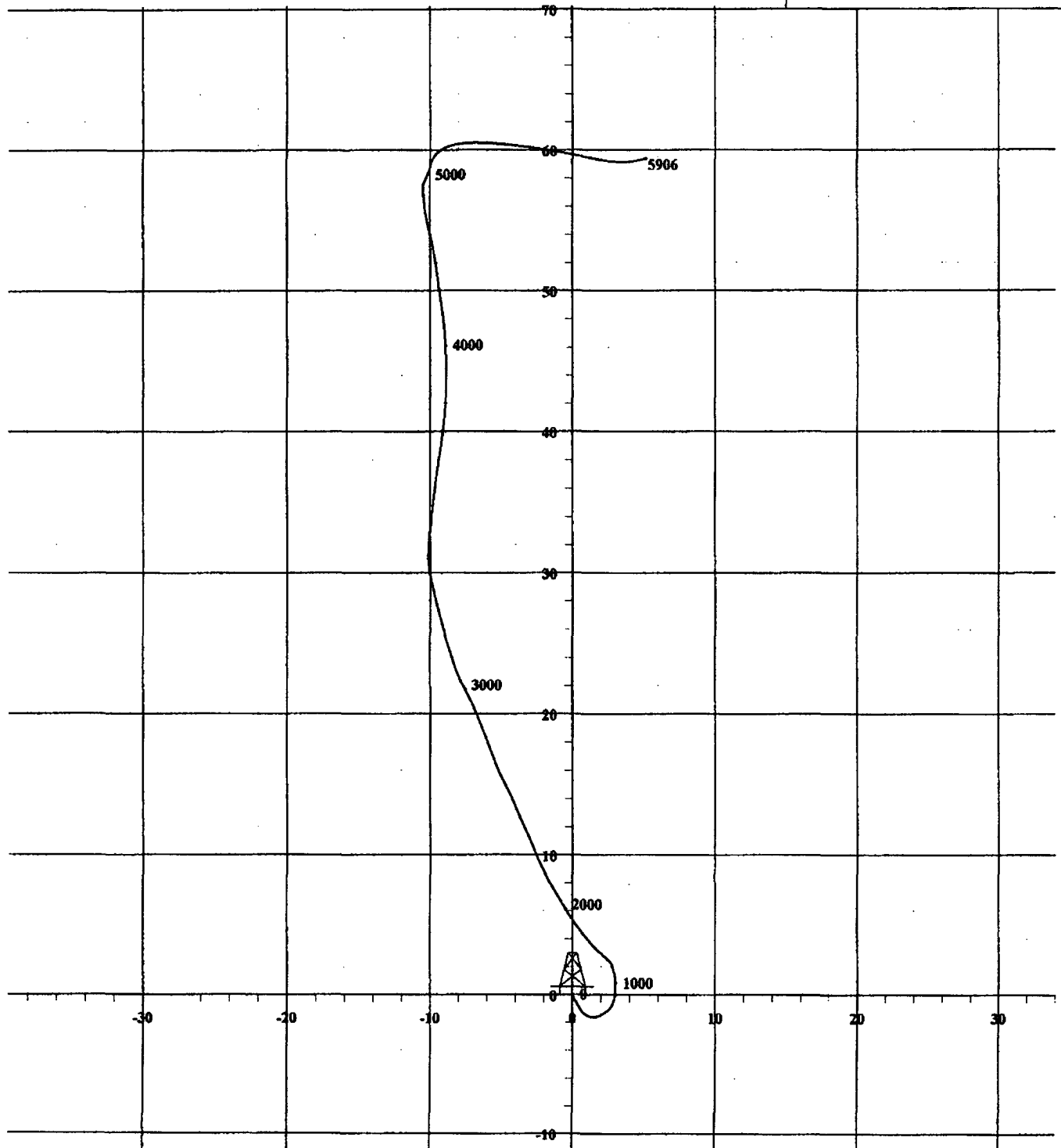
Scientific
Drilling

Field: State
Site: Eddy County, NM
Well: State 32 Com #2
Wellpath: VH - Job #32K1004613
Survey: 10/07/04



Adjusts to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Strength: 0.0T
Dip Angle: 0.00°
Date: 11/2/2004
Model: ig2000

South(-)/North(+) [10ft/in]



West(-)/East(+) [10ft/in]

PathFinder Energy Services

Survey Report

Page 1
Job No: JWT-0410-0133-WTWT
Date: 10/24/2004
Time: 1:56 pm
Wellpath ID: state32
Date Created: 10/7/2004
Last Revision: 10/24/2004

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 331.24 deg.

Survey Reference: WELLHEAD
Reference World Coordinates: Lat. 31.057 N - Lon. 102.5638 W
Reference GRID System: LAMBERT Zone: Texas Central
Reference GRID Coordinates: 1182308.44 X 500222.71 Y
North Aligned to: GRID NORTH
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
State "32" Com #2
Grey Wolf # 33
Eddy County, NM
Eddy County, NM
Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
Gyro Tie In										
5907.00	1.42	71.90	5906.20	49.59	0.00	59.40 N	5.15 E	59.62@	4.96	0.00
5946.00	2.99	54.53	5945.17	49.62	39.00	60.14 N	6.44 E	60.48@	6.11	4.33
6010.00	6.33	41.88	6008.95	50.99	64.00	63.74 N	10.15 E	64.54@	9.05	5.43
6074.00	6.68	24.65	6072.54	54.38	64.00	69.75 N	14.06 E	71.15@	11.40	3.09
6136.00	7.39	8.22	6136.07	59.89	64.00	77.21 N	16.20 E	78.89@	11.85	3.32
6202.00	7.91	348.88	6199.51	67.37	64.00	85.60 N	15.94 E	87.07@	10.55	4.08
6266.00	8.44	339.21	6262.86	76.22	64.00	94.31 N	13.43 E	95.26@	8.10	2.30
6330.00	8.62	334.56	6326.16	85.66	64.00	103.04 N	9.70 E	103.46@	5.38	1.12
6394.00	9.58	332.97	6389.35	95.77	64.00	112.11 N	5.22 E	112.23@	2.66	1.65
6458.00	11.26	331.56	6452.29	107.34	64.00	122.35 N	0.18W	122.35@	359.92	2.65
6519.00	12.05	326.73	6512.04	119.65	61.00	132.91 N	6.51W	133.07@	357.20	2.08
6583.00	13.01	326.11	6574.51	133.48	64.00	144.48 N	14.19W	145.17@	354.39	1.51
6647.00	13.28	324.18	6636.83	147.95	64.00	156.42 N	22.51W	158.03@	351.81	0.81
6710.00	12.93	322.60	6698.19	162.10	63.00	167.88 N	31.03W	170.73@	349.53	0.79
6774.00	14.42	324.01	6760.38	177.09	64.00	180.02 N	40.08W	184.42@	347.45	2.39
6838.00	13.89	325.85	6822.43	192.84	64.00	192.83 N	49.05W	198.97@	345.73	1.09
6902.00	13.72	327.26	6884.59	207.86	64.00	205.57 N	57.47W	213.45@	344.38	0.59
6966.00	13.19	326.82	6948.83	222.71	64.00	218.06 N	65.57W	227.71@	343.26	0.84
7030.00	14.16	322.51	7009.02	237.73	64.00	230.39 N	74.33W	242.08@	342.12	2.20
7094.00	12.84	321.46	7071.25	252.48	64.00	242.16 N	83.53W	256.16@	340.97	2.10
7158.00	13.98	319.96	7133.50	267.07	64.00	253.64 N	92.93W	270.13@	339.88	1.86
7222.00	14.95	322.16	7196.47	282.80	64.00	266.08 N	102.97W	285.31@	338.84	1.74
7286.00	13.72	323.39	7267.48	298.47	64.00	278.69 N	112.56W	300.56@	338.01	1.98
7350.00	13.72	323.30	7319.65	313.51	64.00	290.87 N	121.62W	315.27@	337.31	0.03
7414.00	13.01	323.13	7381.92	328.16	64.00	302.72 N	130.48W	329.64@	336.88	1.11
7478.00	14.25	323.83	7444.11	343.10	64.00	314.84 N	139.45W	344.34@	336.11	1.95
7541.00	15.39	323.21	7505.02	359.07	63.00	327.79 N	149.04W	360.08@	335.55	1.83
7605.00	15.21	321.90	7566.75	375.76	64.00	341.20 N	159.30W	376.56@	334.97	0.81
7669.00	14.25	325.85	7628.65	391.89	64.00	354.33 N	168.91W	392.53@	334.51	2.17
7733.00	13.37	325.88	7690.80	407.09	64.00	366.96 N	177.50W	407.63@	334.19	1.38

PathFinder Energy Services Survey Report

Page 2
Date: 10/24/2004
Wellpath ID: state32

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
7798.00	13.01	329.45	7754.08	421.89	65.00	379.47 N	185.46W	422.36	333.95	1.43
7862.00	12.57	333.76	7816.50	436.04	64.00	391.92 N	192.20W	436.51	333.88	1.64
7925.00	13.28	340.27	7877.90	450.04	63.00	404.88 N	197.67W	450.55	333.98	2.57
7989.00	13.98	338.86	7940.10	464.98	64.00	419.01 N	202.94W	465.57	334.16	1.21
8053.00	13.80	334.46	8002.23	480.25	64.00	433.11 N	209.02W	480.90	334.24	1.67
8117.00	13.37	329.10	8064.44	495.26	64.00	446.34 N	216.11W	495.91	334.16	2.08
8181.00	12.84	322.60	8126.78	509.69	64.00	458.34 N	224.23W	510.25	333.93	2.45
8244.00	13.63	324.01	8188.10	523.97	63.00	469.91 N	232.84W	524.43	333.64	1.35
8308.00	13.28	323.57	8250.35	538.74	64.00	481.93 N	241.64W	539.11	333.37	0.57
8372.00	11.52	322.07	8312.85	552.34	64.00	492.88 N	249.94W	552.63	333.11	2.80
8435.00	10.29	314.69	8374.72	563.94	63.00	501.80 N	257.80W	564.15	332.81	2.95
8499.00	9.50	313.72	8437.76	574.46	64.00	509.47 N	265.68W	574.56	332.48	1.26
8563.00	8.62	312.40	8500.97	584.03	64.00	516.38 N	273.04W	584.10	332.13	1.41
8627.00	6.60	306.08	8564.40	591.90	64.00	521.76 N	279.56W	591.83	331.82	3.41
8691.00	4.66	297.55	8628.09	597.39	64.00	525.13 N	284.84W	597.40	331.52	3.29
8754.00	2.29	291.84	8690.97	600.50	63.00	526.78 N	288.27W	600.50	331.31	3.80
8818.00	1.06	288.50	8754.94	601.92	64.00	527.44 N	290.02W	601.92	331.20	1.93
8881.00	0.97	288.11	8817.93	602.59	63.00	527.61 N	291.11W	602.55	331.11	0.59
8945.00	1.49	256.45	8881.92	603.04	64.00	527.38 N	292.45W	603.04	330.99	0.91
9009.00	1.58	256.18	8945.89	603.50	64.00	526.99 N	294.12W	603.51	330.83	0.18
9072.00	0.53	271.27	9008.88	603.90	63.00	526.82 N	295.27W	603.92	330.73	1.70
9134.00	0.97	287.44	9070.88	604.42	62.00	526.98 N	296.05W	604.45	330.67	0.78
9198.00	2.64	349.14	9134.85	606.21	64.00	528.59 N	296.86W	606.24	330.68	3.68
9262.00	2.46	4.52	9198.78	608.76	64.00	531.41 N	297.02W	608.78	330.80	1.10
9326.00	1.67	6.46	9262.74	610.67	64.00	533.71 N	296.80W	610.68	330.92	1.24
9390.00	0.62	304.49	9326.73	611.75	64.00	534.83 N	296.98W	611.75	330.96	2.32
9452.00	0.62	285.95	9388.73	612.28	62.00	535.11 N	297.58W	612.29	330.92	0.32
9517.00	1.23	273.12	9453.72	612.90	65.00	535.25 N	298.62W	612.91	330.84	0.99
9580.00	0.62	75.89	9516.71	613.17	63.00	535.37 N	298.96W	613.18	330.82	2.91
9642.00	1.06	76.24	9578.71	612.94	62.00	535.58 N	298.08W	612.95	330.90	0.71
9706.00	0.79	61.92	9642.70	612.78	64.00	535.93 N	297.12W	612.78	331.00	0.55
9770.00	0.62	46.01	9706.69	612.86	64.00	536.38 N	296.48W	612.87	331.07	0.40
9833.00	0.79	53.30	9769.69	613.01	63.00	536.88 N	295.88W	613.01	331.14	0.30
9897.00	1.06	54.62	9833.68	613.14	64.00	537.48 N	295.05W	613.14	331.24	0.42
9961.00	0.44	146.12	9897.68	612.96	64.00	537.62 N	294.43W	612.96	331.29	1.81
10025.00	0.44	199.02	9961.67	612.55	64.00	537.19 N	294.37W	612.55	331.28	0.61
10089.00	0.26	234.88	10025.67	612.37	64.00	536.87 N	294.57W	612.37	331.25	0.43
10152.00	0.35	263.45	10088.67	612.43	63.00	536.77 N	294.88W	612.43	331.22	0.26
10216.00	0.62	256.51	10152.67	612.60	64.00	536.65 N	295.41W	612.60	331.17	0.43
10280.00	0.97	271.89	10216.66	612.96	64.00	536.80 N	296.29W	612.96	331.09	0.64
10349.00	0.79	293.86	10285.66	613.64	69.00	536.81 N	297.31W	613.64	331.02	0.55
10413.00	0.26	214.93	10349.65	613.92	64.00	536.87 N	297.79W	613.93	330.98	1.22
10477.00	0.35	210.96	10413.85	613.76	64.00	536.58 N	297.98W	613.77	330.96	0.14
10541.00	0.35	197.62	10477.85	613.53	64.00	536.23 N	298.14W	613.54	330.93	0.13
10602.00	0.62	188.13	10538.85	613.14	61.00	535.73 N	298.24W	613.15	330.90	0.46
10666.00	0.62	189.36	10632.64	612.33	94.00	534.72 N	298.36W	612.34	330.84	0.01
10887.00	0.79	208.25	10623.63	610.80	191.00	532.54 N	299.18W	610.83	330.67	0.15
11079.00	1.14	156.31	11015.61	608.18	192.00	529.63 N	299.04W	608.22	330.55	0.47

PathFinder Energy Services **Survey Report**

Page 3
 Date: 10/24/2004
 Wellpath ID: state32

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. Dir. (ft) (deg.)		DLS (dg/100ft)
11199.00	1.06	191.91	11135.58	606.15	120.00	527.45 N	298.79W	608.20	330.47	0.56
Straight Line Projection to TD @ 11275' MD.										
11275.00	1.06	191.91	11211.57	605.08	76.00	526.07 N	299.08W	605.15	330.38	0.00

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, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33467		² Pool Code 70310	³ Pool Name Angel Ranch; Atoka - Morrow (Gas)
⁴ Property Code	⁵ Property Name STATE "32" COM		⁶ Well Number 2
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3377'

¹⁰ Surface Location

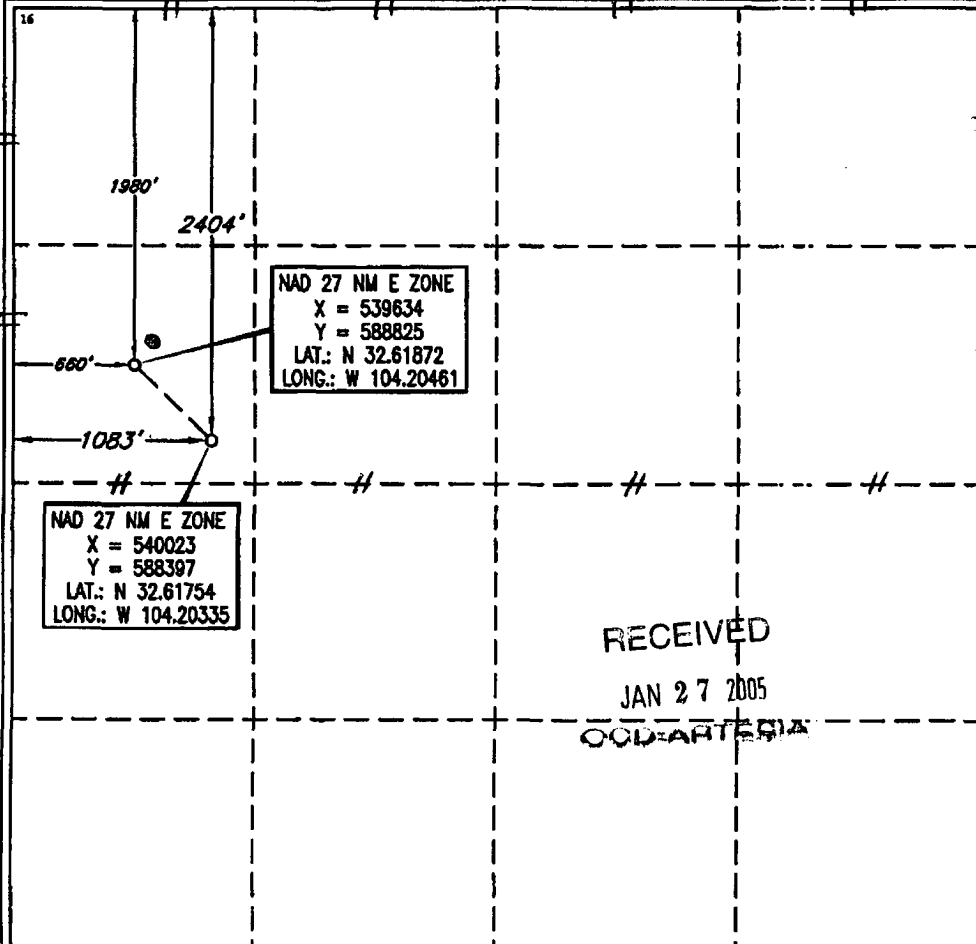
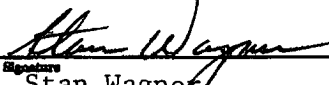
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	19 SOUTH	28 EAST, N.M.P.M.		2404'	NORTH	1083'	WEST	EDDY

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
E	32	19 SOUTH	28 EAST, N.M.P.M.		1878	NORTH	784	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.  Signature Stan Wagner Printed Name Regulatory Analyst Title 1/19/05 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. JULY 9, 2004 Date of Survey  Signature V. LYNN BEZNER NO. 7920 Certification Number V. L. BEZNER R.P.S. #7920 JOB #96168 / 74SW / J.C.P.

Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED

JAN 27 2005

OCDA-ARTESIA

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator EOG RESOURCES, INC.					Lease or Unit Name STATE 32 COM.				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1/11/05		Well No. 2		
Completion Date		Total Depth		Plug Back TD 11010		Elevation		Unit Ltr - Sec - TWP - Rge 32 19 28	
Csg. Size 5 1/2	Wt. 17 #	d	Set At	Perforations: From: 10410-10420 To: 11000-11006			County EDDY		
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 10282	Perforations: From: To:			Pool		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 10269-10282			Formation MORROW-ATOKA		
Producing Thru TBG		Reservoir Temp. °F 176.8 @ 10282		Mean Annual Temp. °F 60		Baro. Press. -P _a 13.2		Connection SALES	
L 10282	H 10282	Gg 0.633	%CO ₂ 2.393	%N ₂ 0.667	%H ₂ S X	Prover N/A	Meter Run 3.068	Taps FLG	

FLOW DATA				TUBING DATA				CASING DATA		Duration of Flow
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.	Temp. °F	
SI						1265		PKR		48 HRS
1			453			470		"		24 HRS
2										
3										
4										
5										

RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q Mcfd
1							1,028
2							
3			TOTAL		FLOW	METER	
4							
5							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	DRY GAS	Mcf bbl.
1					A.P. I. Gravity of Liquid Hydrocarbons	DRY	Deg.
2					Specific Gravity Separator Gas	0.633	XXXXXXX
3		N/A			Specific Gravity Flowing Fluid	XXXXXX	N/A
4					Critical Pressure	* 678	P.S.I.A. N/A P.S.I.A.
5					Critical Temperature	* 365	R. N/A R

P _c 1278.2 P ₂ 1633.8				
No.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1		438.2	192.1	1441.7
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.133}{1.133 - 1.165} = 79825$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.165$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.133}{1.165}$

Absolute Open Flow	1,165	Mcf/d @ 15.025	Angle of Slope (°):	45	Slope n:	1
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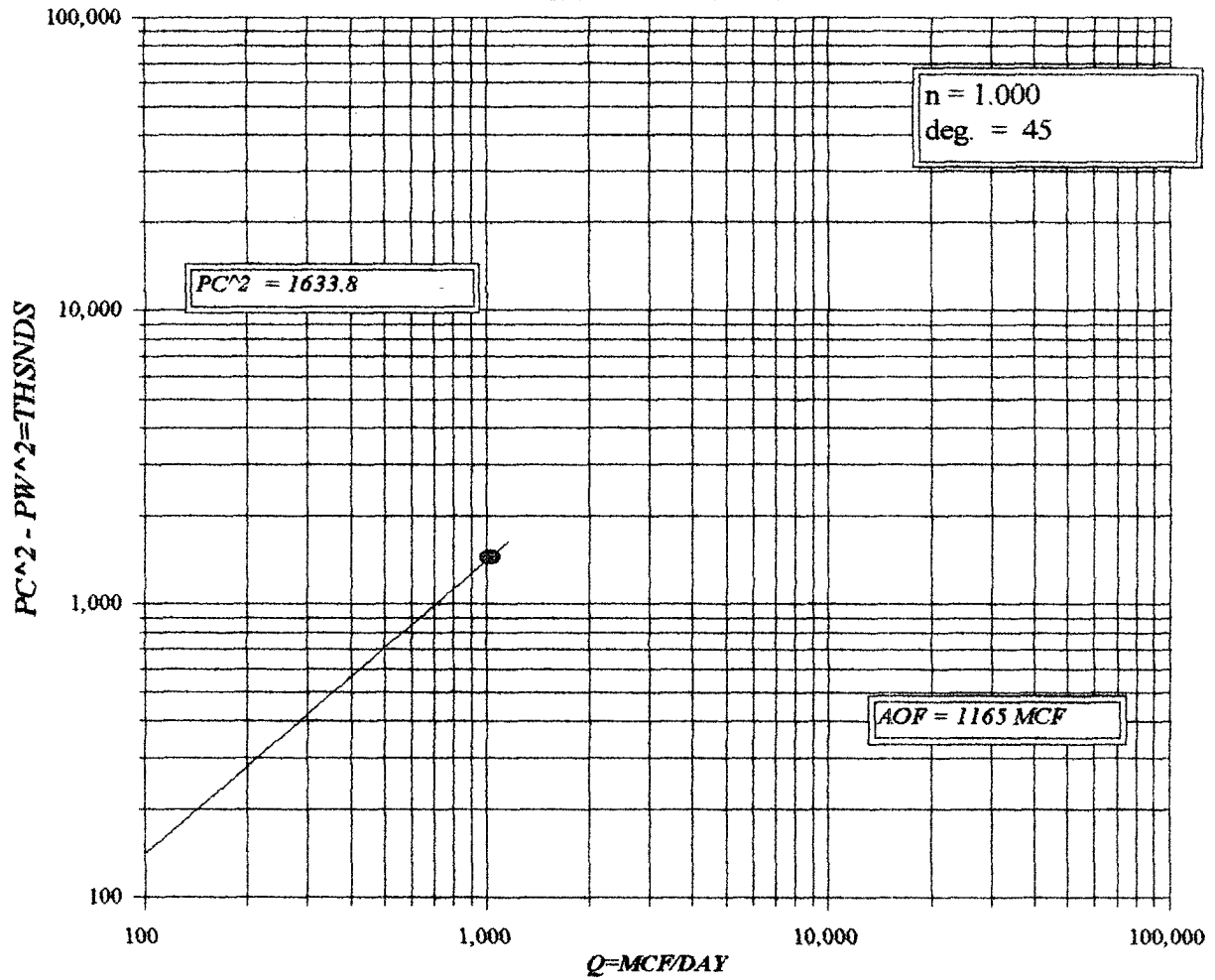
Remarks: **6.0 BBLS H2O 0 OIL * CORRECTED TO 2.393 % CO2**

Approved By Division:	Conducted By: BEACON RESOURCES	Calculated By: BM	Checked By: BM
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[illegible]

EOG RESOURCES INC.

STATE 32 COM. # 2



EOG RESOURCES INC.

STATE 32 COM. # 2

