

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

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



WELL API NO. 30-015-36303
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Bulldog 19 State
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Four Mile Draw; Wolfcamp (Gas)

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 : 250 feet from the South line and 510 feet from the East line Section 19 Township 18S Range 23E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4045 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.

5/26/08 TD at 8680' MD.

5/27/08 Ran 209 jts 5-1/2", 17 #, N-80 casing set at 8665'.

Cemented w/ 850 sx 50/50 POZ C, 11.8 ppg, 2.29 yield; 750 sx 50/50 POZ C, 14.2 ppg, 1.30 yield.
Circulated 240 sx to surface. Released rig.

6/17/08 MIRU for completion.

Perforated from 7515 - 8595', 0.42", 28 holes.

Frac w/ 72 bbls 15% HCL, 214 bbls Dilute acid, 528 bbls 15 # Linear gel, 105040 lbs 100 mesh sd, 98235 lbs 30/70 sd, 36934 lbs 20/40 sd, 10024 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 Stan Wagner TITLE Regulatory Analyst DATE 7/2/08

Type or print name Stan Wagner

E-mail address:

Telephone No. 432-686-3689

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

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May 27, 2004

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

WELL API NO. 30-015-36303
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Bulldog 19 State
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Four Mile Draw; Wolfcamp (Gas)

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(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.)

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11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4045 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 _____	

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PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

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.

6/17/08 Perforated from 6075 - 7155', 0.42", 28 holes.
Frac w/ 72 bbls 15% HCL acid, 214 bbls Dilute acid, 440 bbls 15 # Linear gel, 95713 lbs
100 mesh sand, 107425 lbs 30/70 sand, 37627 lbs 20/40 sand, 8749 bbls load water.
6/18/08 Perforated from 4650 - 5715', 0.42", 28 holes.
Frac w/ 72 bbls 15% HCL acid, 207 bbls Dilute acid, 435 bbls 15 # Linear gel, 62213 lbs
100 mesh sand, 60026 lbs 30/70 sand, 36554 lbs 20/40 sand, 6299 bbls load water. Flow back.
6/19/08 RIH w/ 2-3/8" production tubing set at 5393'.
6/30/08 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 7/2/08

Type or print name Stan Wagner

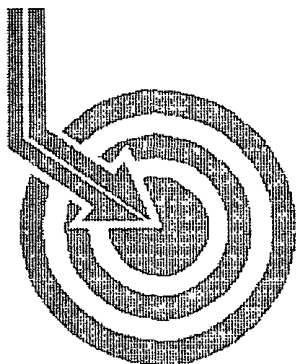
E-mail address:

Telephone No. 432-686-3689

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:



Scientific Drilling

EOG

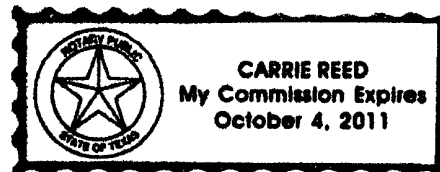
Field: Four Mile Draw
Site: Eddy County, NM
Well: Bulldog 19 State #2H
Wellpath: VH - Job #32K0508363
Survey: 05/21/08

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

.....*L. Wharton*..... Company Representative

Notorized this date 16th of June, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

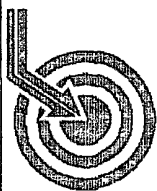
Company: EOG
Field: Four Mile Draw
Site: Eddy County, NM
Well: Bulldog 19 State #2H
Wellpath: VH - Job #32K0508363

Date: 06/05/2008
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,343.16Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey: 05/21/08
Start Date: 05/21/2008
Company: Scientific Drilling Internatio
Engineer: Garza w/GeoGyro
Tool: Keeper;Keeper Surface Readout Gyro
Tied-to: From Surface

Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.06	145.05	100.00	-0.05	-0.04	0.03	0.06	0.05	145.05
200.00	0.66	124.62	200.00	-0.55	-0.41	0.53	0.60	0.68	127.72
300.00	0.58	124.48	299.99	-1.40	-1.03	1.43	0.08	1.76	125.77
400.00	0.70	154.00	399.99	-2.39	-1.86	2.11	0.35	2.81	131.43
500.00	0.45	275.77	499.98	-2.85	-2.37	1.99	1.01	3.09	140.04
600.00	0.62	297.28	599.98	-2.32	-2.08	1.12	0.26	2.36	151.84
700.00	1.04	312.01	699.97	-1.16	-1.23	-0.04	0.47	1.23	181.84
800.00	0.38	340.09	799.96	-0.06	-0.31	-0.83	0.73	0.88	249.45
900.00	0.36	0.02	899.96	0.57	0.32	-0.94	0.13	0.99	288.59
1000.00	0.45	0.11	999.96	1.25	1.02	-0.94	0.09	1.39	317.46
1100.00	0.27	357.01	1099.95	1.86	1.65	-0.95	0.18	1.90	330.07
1200.00	0.28	334.91	1199.95	2.33	2.11	-1.07	0.11	2.36	333.16
1300.00	0.31	333.73	1299.95	2.83	2.57	-1.29	0.03	2.88	333.37
1400.00	0.36	324.07	1399.95	3.40	3.07	-1.59	0.08	3.46	332.55
1500.00	0.42	283.92	1499.95	3.88	3.41	-2.13	0.27	4.02	327.97
1600.00	0.48	266.06	1599.94	4.16	3.47	-2.91	0.15	4.53	320.04
1700.00	0.48	267.25	1699.94	4.36	3.42	-3.74	0.01	5.07	312.42
1800.00	0.53	263.11	1799.94	4.54	3.35	-4.62	0.06	5.71	305.90
1900.00	0.53	254.16	1899.93	4.63	3.16	-5.53	0.08	6.37	299.80
2000.00	0.34	248.03	1999.93	4.61	2.93	-6.25	0.20	6.90	295.11
2100.00	0.44	245.04	2099.93	4.53	2.65	-6.87	0.10	7.36	291.12
2200.00	0.45	235.36	2199.92	4.36	2.27	-7.54	0.08	7.87	286.75
2300.00	0.43	244.55	2299.92	4.18	1.88	-8.20	0.07	8.42	282.94
2400.00	0.61	239.73	2399.92	4.00	1.45	-9.00	0.19	9.12	279.18
2500.00	0.76	242.71	2499.91	3.76	0.88	-10.05	0.15	10.09	275.02
2600.00	0.73	228.63	2599.90	3.37	0.16	-11.12	0.19	11.12	270.81
2700.00	0.65	228.01	2699.89	2.87	-0.64	-12.02	0.08	12.03	266.93
2800.00	0.84	222.18	2799.89	2.25	-1.57	-12.93	0.20	13.02	263.09
2900.00	0.74	214.57	2899.88	1.47	-2.64	-13.79	0.14	14.04	259.16
3000.00	0.77	223.83	2999.87	0.73	-3.66	-14.62	0.13	15.07	255.95
3100.00	0.91	213.87	3099.86	-0.10	-4.80	-15.53	0.20	16.25	252.82
3200.00	0.78	206.26	3199.85	-1.10	-6.07	-16.27	0.17	17.37	249.54
3300.00	0.76	191.04	3299.84	-2.18	-7.33	-16.70	0.20	18.24	246.29
3350.00	0.49	172.46	3349.83	-2.68	-7.87	-16.74	0.67	18.49	244.81



Scientific
Drilling

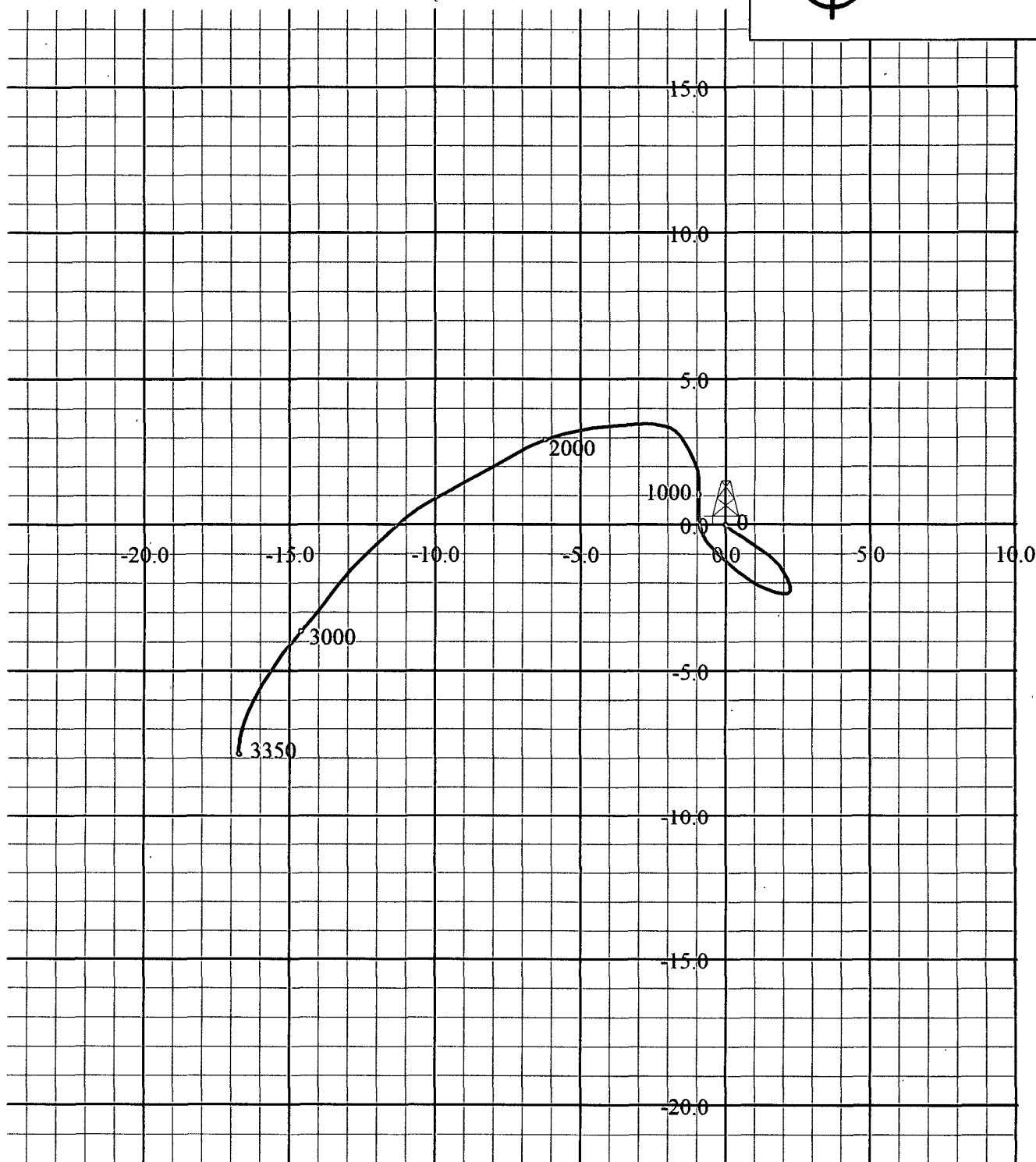
Field: Four Mile Draw
Site: Eddy County, NM
Well: Bulldog 19 State #2H
Wellpath: VH - Job #32K0508363
Survey: 05/21/08



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/05/2008
Model: igrf2000

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



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

EOG Resources, Inc.

Bulldog 19 State #2H

Bulldog 19 State #2H

Bulldog 19 State #2H

Original Hole

Survey: MWD

Pathfinder Standard X & Y Report

05 June, 2008

WHS

Pathfinder Standard X & Y Report

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Bulldog 19 State #2H
Project:	Bulldog 19 State #2H	TVD Reference:	EST RKB @ 4065.20ft (McVay 4)
Site:	Bulldog 19 State #2H	MD Reference:	EST RKB @ 4065.20ft (McVay 4)
Well:	Bulldog 19 State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Project	Bulldog 19 State #2H, Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Bulldog 19 State #2H		
Site Position:	Northing:	628,210.300 ft	Latitude:
From:	Easting:	380,123.100 ft	Longitude:
Position Uncertainty:	Slot Radius:	"	Grid Convergence:
			-0.21 °

Well	Bulldog 19 State #2H		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			32° 43' 35.184 N
			Longitude:
			104° 43' 23.314 W
			Ground Level:
			4,046.20 ft

Wellbore	Original Hole
-----------------	---------------

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	5/21/2008	8.50	60.53	49,110

Design	Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
				0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	343.16

WHS

Pathfinder Standard X & Y Report

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Well:	Bulldog 19 State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey Program		Date 6/5/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	3,350.00	Gyro Survey (Original Hole)	CB-GYRO-MS	Camera based gyro multishot
3,550.00	8,680.00	MWD (Original Hole)	MWD	MWD - Standard

Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg. (°/100ft)	TFace (°)
3,350.00	0.49	172.46	3,349.83	-715.37	-7.87	-16.74	-2.68	0.00	0.00
3,550.00	0.62	124.15	3,549.83	-515.37	-9.33	-15.73	-4.37	0.23	-99.52
3,726.00	0.53	68.48	3,725.82	-339.38	-9.56	-14.18	-5.04	0.31	-126.26
3,757.00	3.17	359.09	3,756.80	-308.40	-8.65	-14.06	-4.21	9.76	-78.82
3,789.00	6.86	352.25	3,788.67	-276.53	-5.87	-14.33	-1.47	11.66	-12.63
3,821.00	9.76	351.36	3,820.33	-244.87	-1.30	-15.00	3.11	9.07	-2.98
3,853.00	12.84	351.50	3,851.71	-213.49	4.90	-15.93	9.31	9.63	0.58
3,885.00	15.39	351.38	3,882.74	-182.46	12.62	-17.10	17.03	7.97	-0.72
3,916.00	17.59	349.22	3,912.46	-152.74	21.29	-18.59	25.76	7.37	-16.61
3,948.00	19.87	347.10	3,942.77	-122.43	31.34	-20.71	36.00	7.43	-17.63
3,979.00	22.34	345.45	3,971.69	-93.51	42.18	-23.36	47.14	8.19	-14.30
4,011.00	25.32	343.94	4,000.96	-64.24	54.65	-26.79	60.06	9.50	-12.26
4,043.00	28.05	342.33	4,029.55	-35.65	68.39	-30.96	74.43	8.82	-15.56
4,075.00	30.86	341.87	4,057.41	-7.79	83.37	-35.80	90.16	8.81	-4.80
4,106.00	33.77	341.04	4,083.60	18.40	99.07	-41.08	106.72	9.50	-9.02
4,139.00	36.49	339.98	4,110.59	45.39	116.97	-47.42	125.69	8.45	-13.07
4,169.00	39.31	339.40	4,134.26	69.06	134.25	-53.82	144.08	9.47	-7.43
4,201.00	42.03	338.25	4,158.53	93.33	153.69	-61.35	164.88	8.82	-15.84
4,233.00	44.58	338.21	4,181.81	116.61	174.07	-69.49	186.74	7.97	-0.63
4,265.00	47.22	337.90	4,204.08	138.88	195.39	-78.08	209.63	8.28	-4.93
4,296.00	49.51	338.91	4,224.68	159.48	216.93	-86.60	232.71	7.78	18.58

WHS

Pathfinder Standard X & Y Report

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Bulldog 19 State #2H
Project:	Bulldog 19 State #2H	TVD Reference:	EST RKB @ 4065.20ft (McVay 4)
Site:	Bulldog 19 State #2H	MD Reference:	EST RKB @ 4065.20ft (McVay 4)
Well:	Bulldog 19 State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
4,328.00	51.44	339.94	4,245.04	179.84	240.04	-95.28	257.34	6.52	22.70
4,359.00	52.67	340.51	4,264.10	198.90	263.04	-103.54	281.76	4.22	20.25
4,391.00	55.05	340.61	4,282.97	217.77	287.41	-112.14	307.57	7.44	1.97
4,423.00	57.33	341.00	4,300.78	235.58	312.52	-120.88	334.14	7.20	8.20
4,454.00	60.50	340.96	4,316.78	251.58	337.61	-129.54	360.66	10.23	-0.63
4,486.00	63.14	341.04	4,331.89	266.69	364.28	-138.72	388.85	8.25	1.55
4,518.00	65.86	342.33	4,345.67	280.47	391.70	-147.79	417.72	9.25	23.45
4,549.00	68.32	342.99	4,357.73	292.53	418.95	-156.30	446.27	8.17	14.01
4,581.00	71.14	343.40	4,368.82	303.62	447.69	-164.98	476.28	8.89	7.84
4,613.00	73.78	342.98	4,378.46	313.26	476.89	-173.80	506.79	8.34	-8.69
4,644.00	75.80	343.80	4,386.60	321.40	505.56	-182.35	536.70	7.00	21.50
4,676.00	76.50	343.84	4,394.26	329.06	535.40	-191.01	567.77	2.19	3.18
4,708.00	76.68	343.88	4,401.68	336.48	565.30	-199.66	598.90	0.58	12.20
4,740.00	78.70	345.22	4,408.50	343.30	595.43	-207.99	630.15	7.52	33.09
4,771.00	80.81	346.25	4,414.01	348.81	624.99	-215.50	660.62	7.55	25.75
4,803.00	82.75	346.82	4,418.59	353.39	655.79	-222.88	692.24	6.31	16.26
4,835.00	85.65	347.25	4,421.82	356.62	686.81	-230.02	724.00	9.16	8.41
4,930.00	91.71	346.99	4,424.01	358.81	779.35	-251.18	818.70	6.38	-2.46
5,025.00	90.31	345.20	4,422.33	357.13	871.55	-274.00	913.55	2.39	-128.02
5,120.00	90.66	346.49	4,421.53	356.33	963.66	-297.23	1,008.44	1.41	74.81
5,247.00	91.71	346.50	4,418.90	353.70	1,087.12	-326.89	1,135.20	0.83	0.55
5,374.00	90.75	344.67	4,416.18	350.98	1,210.09	-358.49	1,262.05	1.63	-117.66
5,501.00	90.92	343.88	4,414.33	349.13	1,332.32	-392.91	1,389.01	0.64	-77.85
5,628.00	90.57	342.17	4,412.67	347.47	1,453.77	-429.98	1,516.00	1.37	-101.56
5,754.00	90.39	341.82	4,411.62	346.42	1,573.60	-468.93	1,641.97	0.31	-117.22
5,881.00	90.84	341.82	4,410.26	345.06	1,694.25	-508.55	1,768.92	0.35	0.00
6,007.00	91.71	342.48	4,407.45	342.25	1,814.15	-547.16	1,894.87	0.87	37.17

WHS

Pathfinder Standard X & Y Report

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Bulldog 19 State #2H
Project:	Bulldog 19 State #2H	TVD Reference:	EST RKB @ 4065.20ft (McVay 4)
Site:	Bulldog 19 State #2H	MD Reference:	EST RKB @ 4065.20ft (McVay 4)
Well:	Bulldog 19 State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
6,132.00	92.59	343.16	4,402.76	337.56	1,933.49	-584.06	2,019.78	0.89	37.66
6,258.00	93.83	344.04	4,395.71	330.51	2,054.17	-619.58	2,145.57	1.21	35.30
6,382.00	93.56	344.22	4,387.72	322.52	2,173.20	-653.41	2,269.30	0.26	146.36
6,476.00	91.36	342.99	4,383.68	318.48	2,263.28	-679.92	2,363.20	2.68	-150.78
6,570.00	92.59	343.68	4,380.44	315.24	2,353.28	-706.86	2,457.14	1.50	29.27
6,663.00	93.56	344.18	4,375.45	310.25	2,442.51	-732.57	2,550.00	1.17	27.22
6,756.00	93.03	344.53	4,370.11	304.91	2,531.92	-757.60	2,642.82	0.68	146.59
6,849.00	93.56	344.80	4,364.76	299.56	2,621.46	-782.16	2,735.64	0.64	26.95
6,942.00	94.35	345.50	4,358.35	293.15	2,711.14	-805.94	2,828.36	1.13	41.45
7,036.00	94.53	345.37	4,351.07	285.87	2,801.85	-829.50	2,922.00	0.24	-35.75
7,127.00	94.44	345.55	4,343.96	278.76	2,889.66	-852.28	3,012.65	0.22	116.63
7,252.00	94.18	345.66	4,334.56	269.36	3,010.39	-883.27	3,137.18	0.23	157.12
7,375.00	93.74	346.06	4,326.07	260.87	3,129.38	-913.24	3,259.75	0.48	137.78
7,531.00	92.95	346.47	4,316.96	251.76	3,280.66	-950.22	3,415.26	0.57	152.60
7,687.00	92.46	347.03	4,309.60	244.40	3,432.34	-985.94	3,570.78	0.48	131.20
7,843.00	90.92	347.16	4,305.00	239.80	3,584.33	-1,020.76	3,726.34	0.99	175.17
8,000.00	90.31	346.61	4,303.32	238.12	3,737.22	-1,056.38	3,882.99	0.52	-137.96
8,156.00	89.08	346.31	4,304.15	238.95	3,888.88	-1,092.90	4,038.73	0.81	-166.29
8,312.00	89.69	346.47	4,305.82	240.62	4,040.49	-1,129.61	4,194.47	0.40	14.70
8,468.00	89.78	346.81	4,306.54	241.34	4,192.27	-1,165.66	4,350.18	0.23	75.17
8,602.00	89.87	346.58	4,306.95	241.75	4,322.67	-1,196.49	4,483.93	0.18	-68.63
8,680.00	89.87	346.58	4,307.13	241.93	4,398.54	-1,214.60	4,561.79	0.00	0.00

WHS

Pathfinder Standard X & Y Report

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Site:	Bulldog 19 State #2H	MD Reference:	EST RKB @ 4065.20ft (McVay 4)
Well:	Bulldog 19 State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
PBHL	0.00	360.00	4,325.00	4,419.10	-1,337.60	632,629.400	378,785.500	32° 44' 18.864 N	104° 43' 39.165 W
- survey misses by 125.98ft at 8680.00ft MD (4307.13 TVD, 4398.54 N, -1214.60 E)									
- Point									
PP	0.00	360.00	4,475.00	483.60	-146.40	628,693.900	379,976.700	32° 43' 39.964 N	104° 43' 25.049 W
- survey misses by 97 59ft at 4636.97ft MD (4384.84 TVD, 499.03 N, -180.44 E)									
- Point									

Survey Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
4,539.34	4,354.11	410.40	-153.66	Interp. HL Xing @ 4539 34' MD, 4354.11' TVD
4,539.34	4,354.11	410.40	-153.66	410.4 Northing, -153.66 Easting
8,680.00	4,307.13	4,398.54	-1,214.60	Projection to Bit @ 8680' MD

Checked By: _____	Approved By: _____	Date: _____
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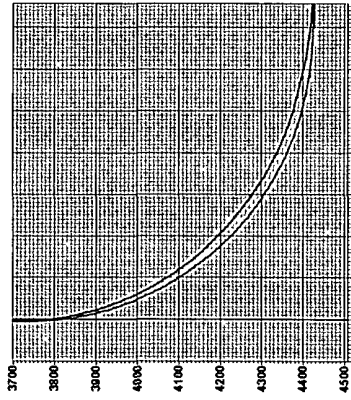


eog resources

PATHFINDER

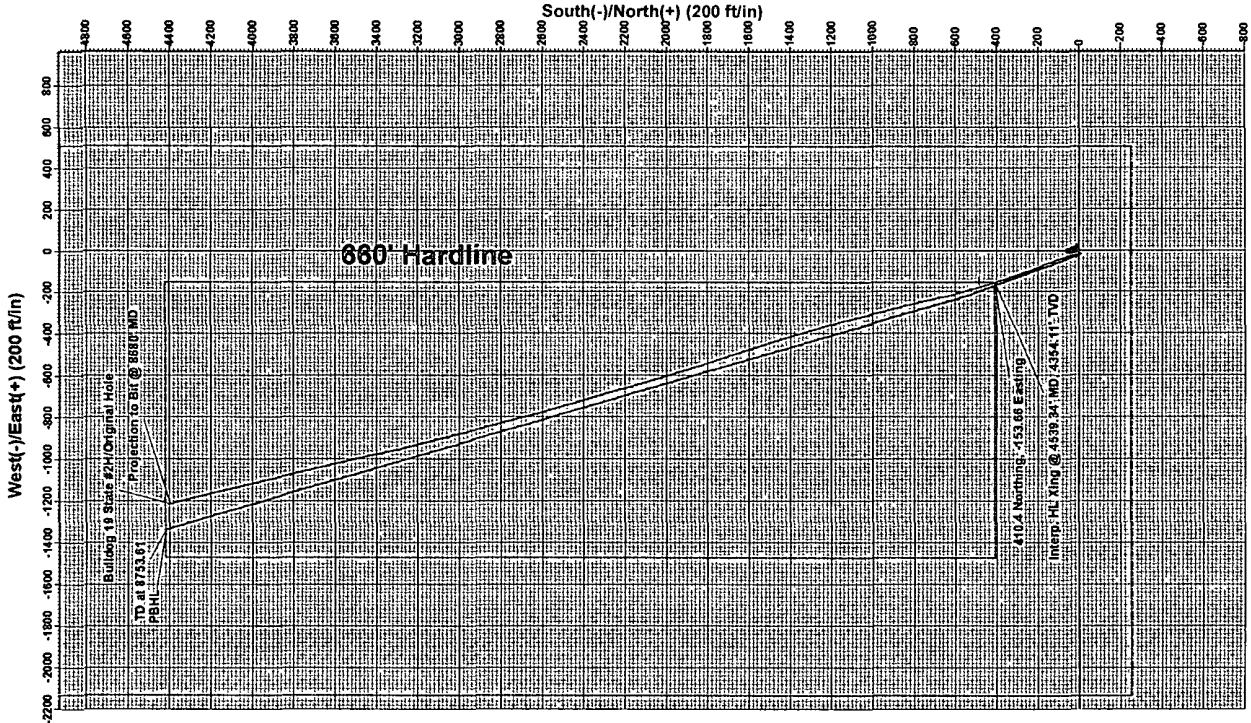
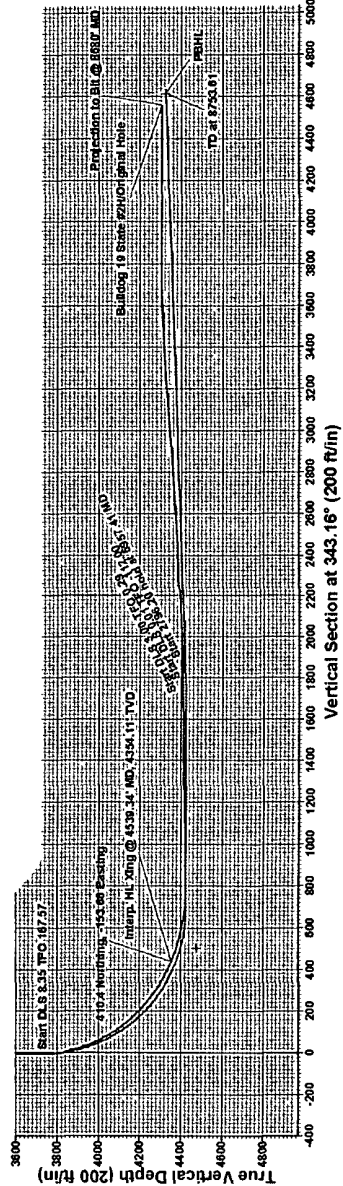
ENERGY SERVICES

EOW



PROJECT DETAILS: Bulldog 19 State #2H
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

Project: Bulldog 19 State #2H
Site: Bulldog 19 State #2H
Well: Bulldog 19 State #2H
Wellbore: Original Hole
Plan: Plan #1 (Bulldog 19 State #2H/Original Hole)

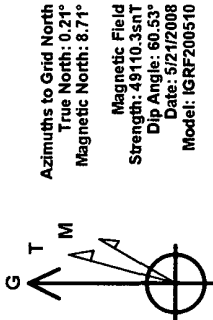


Plan #1 (Bulldog 19 State #2H/Original Hole)
Created By: Mark Freeman Date: 8/10/2008
Checked: _____ Date: _____

WELL DETAILS: Bulldog 19 State #2H					
Ground Elevation: 4048.20					
RKB Elevation: EST RKB @ 4063.20ft (McVay 4)					
Rig Name: McVay 4					
ANLS	45°W	Northing	Eastng	Latitude	Longitude
0.00	0.00	628210.300	380123.100	32°43'35.184 N	104°43'23.314 W

SECTION DETAILS									
Sec	MD	Int	Adj	TVD	45°W	DL-eg	TFace	VSec	Target
1	3250.00	0.48	172.46	3423.82	-11.09	0.00	0.00	-5.89	
2	3730.00	0.48	172.46	3796.82	-11.09	0.00	0.00	-5.89	
3	4621.76	74.00	340.00	4365.00	455.52	-187.17	8.35	187.57	480.21
4	4837.94	60.00	343.91	4425.00	638.41	-253.11	7.61	13.93	703.50
5	5837.94	60.00	343.91	4425.00	1819.24	-538.26	0.00	0.00	1703.42
6	5957.41	61.99	343.92	4422.00	1822.83	-545.32	0.01	-112.00	1822.83
7	5957.41	61.99	343.92	4422.00	1822.83	-545.32	0.01	-112.00	1822.83
8	8753.61	61.99	343.92	4325.00	4419.10	-1337.60	0.00	0.00	4617.10 PBHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)				
Name	TVD	45°W	Northing	Eastng
PBHL	4325.00	4419.10	-1337.60	37976.700
PP	4475.00	482.60	62883.900	379876.700



Project: Bulldog 19 State #2H
Site: Bulldog 19 State #2H
Well: Bulldog 19 State #2H
Wellbore: Original Hole
Plan: Plan #1 (Bulldog 19 State #2H/Original Hole)

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

MAY - 1 2008
OCD-ARTESIA

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36303	Pool Code 97415	Pool Name Four Mile Draw; Wolfcamp
Property Code 37144	Property Name BULLDOG "19" STATE	Well Number 2H
OGRID No. 7377	Operator Name EOG RESOURCES INC.	Elevation 4046.2'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	19	18 SOUTH	23 EAST, N.M.P.M.		250'	SOUTH	510'	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
B	19	18 SOUTH	23 EAST, N.M.P.M.		631	NORTH	1724	EAST	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.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=632629.4 X=378785.5 LAT.: N 32.7385733° LONG.: W 104.7275460° ENTRY POINT NEW MEXICO EAST NAD 1927 Y=628693.9 X=379976.7 LAT.: N 32.7277679° LONG.: W 104.7236249° SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=628210.3 X=380123.1 LAT.: N 32.7264401° LONG.: W 104.7231431° PROJECT AREA PRODUCING AREA GRD AL = 345.10' 4617.2' IN ALL 660' 1880' 660' 660' 510' 250'	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. <i>Donny G. Glanton</i> 4/23/2008 Signature Date 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. APRIL 22, 2008 Date of Survey <i>Donny G. Glanton</i> 4/24/2008 Signature and Seal of Professional Surveyor Certificate Number 15079 WO# 080422WL(KA)
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JUL 22 2008
OCD-ARTESIA

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

July 21, 2008

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

9-30-08

Re: Confidentiality Request
Bulldog 19 State 2H

Enclosed please find logs and completion papers for our Bulldog 19 State 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", written over the printed name.

Stan Wagner
Regulatory Analyst
432 686 3689