

Submit 3 Copies To Appropriate District
Office
District I
1625 N. ... Hobbs, NM 88240
District II
1301 W. ... Artesia, NM 88210
District III
1000 R. ... 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. 30-015-35369
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name POTOMAC A 9 FEE
8. Well Number 1H
9. OGRID Number 7377
10. Pool name or Wildcat Cottonwood Creek; Wolfcamp (Gas)

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type: Ground Depth to Groundwater: 75' Distance from nearest fresh water well: >1000' Distance from nearest surface water: > 1,000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 10,300 bbls; Construction Material: Synthetic

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-104) 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: A: 290 feet from the North line and 200 feet from the East line
Section 9 Township 16S Range 25E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3477'

Month - Year
MAR - 7 2007
OCD - ARTESIA, NM

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 ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
CHANGE PLANS ☒	P AND A ☐
MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐
OTHER: CHANGE SURFACE LOCATION ☒	OTHER: ☐

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.

EOG Resources, Inc. (EOG) has elected to change the surface location as described by the revised C-102 attached herewith.

Additionally, please find revised Casing Program, Cement Program, Mud Program and Planning Report.

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 X, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Donny G. Glanton TITLE: Agent DATE: 3/5/2007
Type or print name: Donny G. Glanton E-mail address: donny_glanton@eogresources.com Telephone No. (432) 686-3642

For State Use Only
APPROVED BY: BRYAN G. ARRANT TITLE: DISTRICT II GEOLOGIST DATE: MAR 19 2007
Conditions of Approval (if any):

District I
1625 N. French Dr. Santa Fe, NM 87505
District II
1301 W. Grand Ave. Santa Fe, NM 87505
District III
1000 Rio Brazos Santa Fe, NM 87505
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

Month-Year
MAR-7 2007
OCD - ARTESIA, NM

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35369	Pool Code 75250	Pool Name Cottonwood Creek; Wolfcamp (gas)
Property Code	Property Name POTOMAC "A" 9 FEE	Well Number 1H
GRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3477'

Surface Location

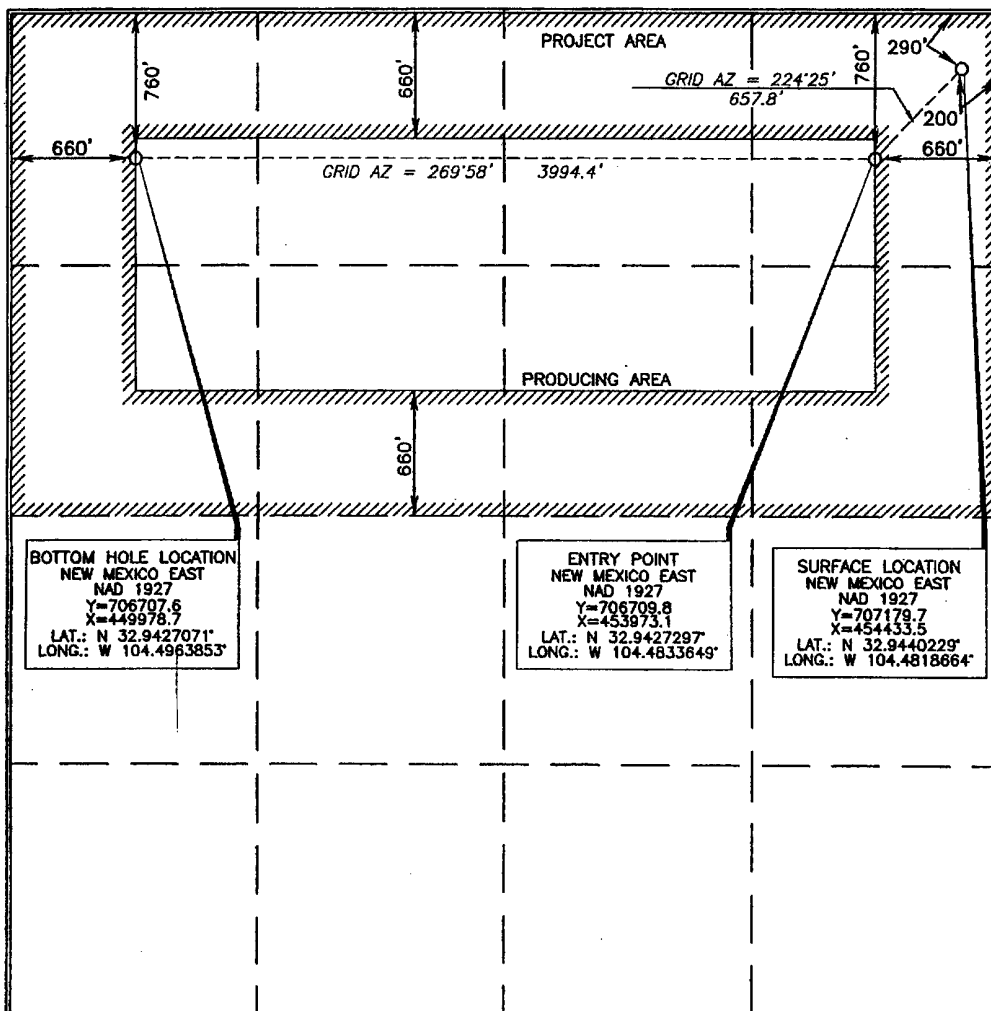
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	9	16 SOUTH	25 EAST, N.M.P.M.		290'	NORTH	200'	EAST	EDDY

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
D	9	16 SOUTH	25 EAST, N.M.P.M.		760'	NORTH	660'	WEST	EDDY

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

Donny G. Glanton 3/5/07
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

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

Terry J. Paul 2/21/2007
Date of Survey
Professional Surveyor

Terry J. Paul 2/21/2007
Certificate Number 15079

WOF 070222WL-b (JL)

Permit Information:

Well Name: Potomac A 9 Fee #1H

Revised 2/28/07

Location:

SL 290' FNL & 200' FEL, Section 9, T-16-S, R-25-E, Eddy Co., N.M.

BHL 760' FNL & 660' FWL, Section 9, T-16-S, R-25-E, Eddy Co., N.M.

**Casing Program:**

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	1,000'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	9,097'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
1,000'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
9,097'	400	Lead: Interfill C + 1/4 pps Flocele
	350	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1,000'	Fresh - Gel	8.6-8.8	28-34	N/c
1,000' - 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' - 5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,050' - 9,097'	Polymer (Lateral)	9.0-9.4	40-45	10-20

Permit Information:

Well Name: Potomac A 9 Fee #1H

Location:

SL 760' FNL & 660' FEL, Section 9, T-16-S, R-25-E, Eddy Co., N.M.

BHL 760' FNL & 660' FWL, Section 9, T-16-S, R-25-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	1,000'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	8,649'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
1,000'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,649'	400	Lead: Interfill C + 1/4 pps Flocele
	350	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,000'	Fresh - Gel	8.6-8.8	28-34	N/c
1,000' – 4,500'	Cut Brine	8.8-9.2	28-34	N/c
4,500' – 5,200'	Cut Brine	8.8-9.2	28-34	10-15
4,378' – 8,649'	Polymer (Lateral)	9.0-9.4	40-45	10-20

Pathfinder Energy Planning Report

Company: EOG Resources	Date: 3/2/2007	Time: 10:14:59	Page: 1
Field: Potomac A 9 Fee #1H	Co-ordinate(NE) Reference: Potomac A 9 Fee #1H, Grid North		
Site: Potomac A 9 Fee #1H	Vertical (TVD) Reference: SITE 0.0		
Well: Potomac A 9 Fee #1H	Section (VS) Reference: Well (0.00N,0.00E,263.95Azi)		
Wellpath: OH	Plan:	Plan #1 3-1-07	

Field: Potomac A 9 Fee #1H

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

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: Potomac A 9 Fee #1H

Site Position:	Northing: 707179.70 ft	Latitude: 32 56 38.482 N
From: Map	Easting: 454433.50 ft	Longitude: 104 28 54.719 W
Position Uncertainty: 0.00 ft	North Reference: Grid	Grid Convergence: -0.08 deg
Ground Level: 3477.00 ft		

Well: Potomac A 9 Fee #1H Well Position: +N/-S 0.00 ft Northing: 707179.70 ft +E/-W 0.00 ft Easting : 454433.50 ft Position Uncertainty: 0.00 ft	Slot Name: Well Position: 32 56 38.482 N 104 28 54.719 W
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Wellpath: OH Current Datum: SITE Magnetic Data: 3/2/2007 Field Strength: 49419 nT Vertical Section: Depth From (TVD) ft	Height 0.00 ft	+N/-S ft	+E/-W ft	Direction deg	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.56 deg Mag Dip Angle: 60.80 deg
4734.00		0.00	0.00	263.95	

Plan: Plan #1 3-1-07 Principal: No	Date Composed: 3/2/2007 Version: 1 Tied-to: From Surface
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Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4050.00	0.00	0.00	4050.00	0.00	0.00	0.00	0.00	0.00	0.00	
5099.17	80.00	232.00	4790.00	-382.28	-489.30	7.63	7.63	0.00	232.00	
5434.31	90.00	265.00	4820.00	-502.09	-795.48	10.24	2.98	9.85	75.03	
6594.31	90.00	271.51	4820.00	-537.39	-1954.32	0.56	0.00	0.56	90.00	
6660.83	92.00	271.50	4818.84	-535.65	-2020.81	3.00	3.00	-0.02	-0.41	
9096.93	92.00	271.50	4734.01	-472.11	-4454.59	0.00	0.00	0.00	0.00	
9097.13	92.00	271.50	4734.00	-472.10	-4454.80	3.00	2.11	2.13	45.28	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00</				

Pathfinder Energy

Planning Report

Company: EOG Resources	Date: 3/2/2007	Time: 10:14:59	Page: 2
Field: Potomac A 9 Fee #1H	Co-ordinate(NE) Reference: Potomac A 9 Fee #1H, Gnd North		
Site: Potomac A 9 Fee #1H	Vertical (TVD) Reference: SITE 0.0		
Well: Potomac A 9 Fee #1H	Section (VS) Reference: Well (0.00N,0.00E,263.95Azi)		
Wellpath: OH	Plan: Plan #1 3-1-07		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4050.00	0.00	0.00	4050.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP @ 4050' MD/TVD
4100.00	3.81	232.00	4099.96	-1.02	-1.31	1.41	7.63	7.63	0.00	
4200.00	11.44	232.00	4199.01	-9.19	-11.76	12.66	7.63	7.63	0.00	
4300.00	19.06	232.00	4295.41	-25.37	-32.47	34.96	7.63	7.63	0.00	
4400.00	26.69	232.00	4387.48	-49.28	-63.08	67.92	7.63	7.63	0.00	
4500.00	34.31	232.00	4473.58	-80.51	-103.05	110.96	7.63	7.63	0.00	
4600.00	41.94	232.00	4552.19	-118.49	-151.66	163.30	7.63	7.63	0.00	
4700.00	49.56	232.00	4621.92	-162.56	-208.06	224.04	7.63	7.63	0.00	
4800.00	57.19	232.00	4681.53	-211.93	-271.26	292.08	7.63	7.63	0.00	
4900.00	64.81	232.00	4729.97	-265.74	-340.13	366.24	7.63	7.63	0.00	
5000.00	72.44	232.00	4766.39	-323.03	-413.46	445.20	7.63	7.63	0.00	
5100.00	80.02	232.08	4790.14	-382.79	-489.94	527.56	7.58	7.58	0.08	
5200.00	82.81	242.05	4805.11	-436.44	-572.83	615.64	10.24	2.78	9.97	
5300.00	85.80	251.89	4815.06	-475.29	-664.29	710.68	10.24	3.00	9.84	
5400.00	88.92	261.66	4819.68	-498.11	-761.41	809.66	10.24	3.12	9.77	
5434.31	90.00	265.00	4820.00	-502.09	-795.48	843.96	10.24	3.15	9.74	EOC @ 5434' MD/ 4820' TVD
5500.00	90.00	265.37	4820.00	-507.60	-860.94	909.64	0.56	0.00	0.56	
5600.00	90.00	265.93	4820.00	-515.19	-960.65	1009.59	0.56	0.00	0.56	
5700.00	90.00	266.49	4820.00	-521.80	-1060.43	1109.52	0.56	0.00	0.56	
5800.00	90.00	267.05	4820.00	-527.43	-1160.27	1209.39	0.56	0.00	0.56	
5900.00	90.00	267.61	4820.00	-532.08	-1260.16	1309.22	0.56	0.00	0.56	
6000.00	90.00	268.17	4820.00	-535.76	-1360.09	1408.98	0.56	0.00	0.56	
6100.00	90.00	268.74	4820.00	-538.46	-1460.06	1508.67	0.56	0.00	0.56	
6200.00	90.00	269.30	4820.00	-540.17	-1560.04	1608.28	0.56	0.00	0.56	
6300.00	90.00	269.86	4820.00	-540.91	-1660.04	1707.80	0.56	0.00	0.56	
6400.00	90.00	270.42	4820.00	-540.67	-1760.04	1807.22	0.56	0.00	0.56	

Pathfinder Energy

Planning Report

Company: EOG Resources Field: Potomac A 9 Fee #1H Site: Potomac A 9 Fee #1H Well: Potomac A 9 Fee #1H Wellpath: OH	Date: 3/2/2007 Time: 10:14:59 Page: 3 Co-ordinate(NE) Reference: Potomac A 9 Fee #1H, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,263.95Azi) Plan: Plan #1 3-1-07
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Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6500.00	90.00	270.98	4820.00	-539.44	-1860.03	1906.52	0.56	0.00	0.56	End Turn @ 6594' MD, 271.5°
6594.31	90.00	271.51	4820.00	-537.39	-1954.32	2000.07	0.56	0.00	0.56	
6600.00	90.17	271.51	4819.99	-537.24	-1960.01	2005.71	3.00	3.00	-0.02	
6660.83	92.00	271.50	4818.84	-535.65	-2020.81	2066.00	3.00	3.00	-0.02	End Build @ 6661' MD
6700.00	92.00	271.50	4817.48	-534.63	-2059.94	2104.81	0.00	0.00	0.00	
6800.00	92.00	271.50	4814.00	-532.02	-2159.84	2203.88	0.00	0.00	0.00	
6900.00	92.00	271.50	4810.51	-529.41	-2259.75	2302.95	0.00	0.00	0.00	
7000.00	92.00	271.50	4807.03	-526.80	-2359.65	2402.03	0.00	0.00	0.00	
7100.00	92.00	271.50	4803.55	-524.19	-2459.56	2501.10	0.00	0.00	0.00	
7200.00	92.00	271.50	4800.07	-521.59	-2559.46	2600.18	0.00	0.00	0.00	
7300.00	92.00	271.50	4796.58	-518.98	-2659.37	2699.25	0.00	0.00	0.00	
7400.00	92.00	271.50	4793.10	-516.37	-2759.27	2798.33	0.00	0.00	0.00	
7500.00	92.00	271.50	4789.62	-513.76	-2859.18	2897.40	0.00	0.00	0.00	
7600.00	92.00	271.50	4786.14	-511.15	-2959.08	2996.47	0.00	0.00	0.00	
7700.00	92.00	271.50	4782.65	-508.54	-3058.99	3095.55	0.00	0.00	0.00	
7800.00	92.00	271.50	4779.17	-505.94	-3158.89	3194.62	0.00	0.00	0.00	
7900.00	92.00	271.50	4775.69	-503.33	-3258.80	3293.70	0.00	0.00	0.00	
8000.00	92.00	271.50	4772.21	-500.72	-3358.70	3392.77	0.00	0.00	0.00	
8100.00	92.00	271.50	4768.72	-498.11	-3458.61	3491.84	0.00	0.00	0.00	
8200.00	92.00	271.50	4765.24	-495.50	-3558.51	3590.92	0.00	0.00	0.00	
8300.00	92.00	271.50	4761.76	-492.89	-3658.42	3689.99	0.00	0.00	0.00	
8400.00	92.00	271.50	4758.28	-490.28	-3758.33	3789.07	0.00	0.00	0.00	
8500.00	92.00	271.50	4754.79	-487.68	-3858.23	3888.14	0.00	0.00	0.00	
8600.00	92.00	271.50	4751.31	-485.07	-3958.14	3987.21	0.00	0.00	0.00	
8700.00	92.00	271.50	4747.83	-482.46	-4058.04	4086.29	0.00	0.00	0.00	
8800.00	92.00	271.50	4744.35	-479.85	-4157.95	4185.36	0.00	0.00	0.00	
8900.00	92.00	271.50	4740.87	-477.24	-4257.85	4284.44	0.00	0.00	0.00	
9000.00	92.00	271.50	4737.38	-474.63	-4357.76	4383.51	0.00	0.00	0.00	
9097.13	92.00	271.50	4734.00	-472.10	-4454.80	4479.75	0.01	0.00	0.00	
										PBHL

Targets

Name	Description	TVD	+N/-S	+E/-W	Map Northing	Map Easting	<--- Latitude --->			<--- Longitude --->					
	Dip.	Dir.	ft	ft	ft	ft	Deg	Min	Sec	Deg	Min	Sec			
PBHL			4734.00	-472.10	-4454.80	706707.60	449978.70	32	56	33.746	N	104	29	46.987	W

Annotation

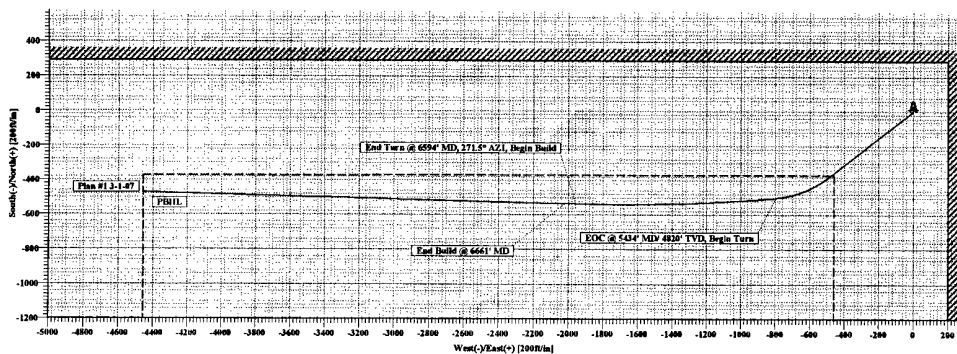
MD ft	TVD ft	
4050.00	4050.00	KOP @ 4050' MD/TVD
5434.31	4820.00	EOC @ 5434' MD/ 4820' TVD, Begin Turn
6594.31	4820.00	End Turn @ 6594' MD, 271.5° AZI, Begin Build
6660.83	4818.84	End Build @ 6661' MD



Field: Potomac A 9 Fee #1H
 Site: Potomac A 9 Fee #1H
 Well: Potomac A 9 Fee #1H
 Wellpath: OH
 Plan: Plan #1 3-1-07

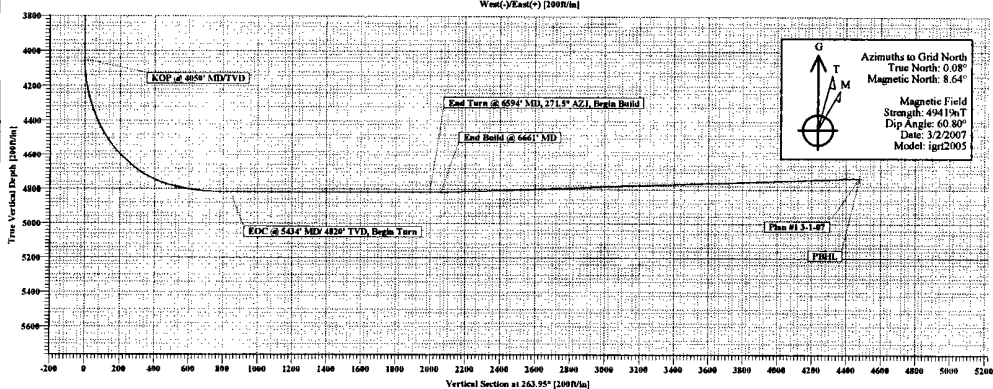
PATHFINDER

SECTION DETAILS										
Sec	MD	In	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4050.00	0.00	0.00	4050.00	0.00	0.00	0.00	0.00	0.00	
3	5099.17	80.00	232.00	4790.00	-382.28	-489.30	7.63	232.00	526.87	
4	5434.31	90.00	265.00	4820.00	-502.09	-795.48	10.24	75.03	843.96	
5	6594.31	90.00	271.51	4820.00	-537.39	-1954.32	0.56	90.00	2000.07	
6	6660.83	92.00	271.50	4818.84	-535.65	-2020.81	3.00	-0.41	2066.00	
7	9096.93	92.00	271.50	4734.01	-472.11	-4454.59	0.00	0.00	4479.54	
8	9097.13	92.00	271.50	4734.00	-472.10	-4454.80	3.00	45.28	4479.75	PBHL



SITE DETAILS			
Potomac A 9 Fee #1H			
Site Centre Northing:	707179.70		
Easting:	454433.50		
Ground Level:	3477.00		
Positional Uncertainty:	0.00		
Convergence:	-0.08		

TARGET DETAILS			
Name	TVD	+N-S	+E-W Shape
PBHL	4734.00	-472.10	-4454.80 Point



WELLPATH DETAILS			
OH			
Rig:	SITE	0.00R	
Ref. Datum:	Origin	Origin	Starting
V. Section	+N-S	+E-W	From TVD
Angle	263.95°	0.00	0.00 4734.00

ANNOTATIONS			
No.	TVD	MD	Annotation
1	4050.00	4050.00	KOP @ 4050' MD/TVD
2	4820.00	5434.31	EOC @ 5434' MD/ 4820' TVD, Begin Turn
3	4820.00	6594.31	End Turn @ 6594' MD, 271.5° AZI, Begin Build
4	4818.84	6660.83	End Build @ 6661' MD

Plan #1 3-1-07 (Potomac A 9 Fee #1H)
 Created By: Buck Carter Date: 10/01/07