

Submit 3 Copies To Appropriate
District Office
District I
1625 N. French Dr., Hobbs, NM 88240
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
Revised June 10, 2003

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



WELL API NO. 30 015 35342
5. Indicate Type of Lease STATE X FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Winchester "5" State
8. Well Number 1
9. OGRID Number 217955
10. Pool name or Wildcat: Salt Draw (Morrow) 96819

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 (Injection)	OCT 19 2007
2. Name of Operator OGX Resources, LLC	OCD-ARTESIA
3. Address of Operator P.O. Box 2064 Midland, TX 79702	

4. Well Location (Surface) Unit Letter <u>N</u> : <u>1004</u> feet from the <u>South</u> line and <u>1986</u> feet from the <u>West</u> line Section <u>5</u> Township <u>25S</u> Range <u>28E</u> NMPM Eddy County	11. Elevation (Show whether DR, RKB, RT, GR, etc.): 3007
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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 ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB
OTHER: Submit sidetrack plan	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.

Due to wellbore problems, this well will be sidetracked about the 4 1/2" liner @ 9410', new bottom hole location will be 660' FSL & 660' FWL. It will be completed in the Salt Draw (Morrow) West pool, as filed in Application to Drill.

Please see attached the Pathfinder Energy, Planning Report for the work proposed.

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

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE: 10-15-07

Type or print name Ann E. Ritchie E-mail address: ann.ritchie@wtor.net Telephone No. 432 684-6381

(This space for State use)

APPROVED BY BRYAN G. ARANT DISTRICT II GEOLOGIST TITLE DISTRICT II GEOLOGIST DATE OCT 19 2007

Conditions of approval, if any:

Pathfinder Energy Planning Report

Company: OGX Resources LLC Field: Winchester 5 State Com #1 Site: Winchester 5 State Com #1 Well: Winchester 5 State Com #1 Wellpath: OH				Date: 09/24/2007 Time: 14:05:40 Page: 1 Co-ordinate(NE) Reference: Winchester 5 State Com #1 Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,255.96Azi) Plan: Plan #1 9-24-07																																			
Field: Winchester 5 State Com #1 Map System: US State Plane Coordinate System 1927 Map Zone: New Mexico, Eastern Zone Geo Datum: NAD27 (Clarke 1866) Coordinate System: Site Centre Sys Datum: Mean Sea Level Geomagnetic Model: igrf2005																																							
Site: Winchester 5 State Com #1 <table border="0"> <tr> <td>Site Position:</td> <td>Northing:</td> <td>ft</td> <td>Latitude:</td> <td colspan="4"></td> </tr> <tr> <td>From: Lease Line</td> <td>Easting:</td> <td>ft</td> <td>Longitude:</td> <td colspan="4"></td> </tr> <tr> <td>Position Uncertainty: 0.00 ft</td> <td></td> <td></td> <td>North Reference:</td> <td colspan="4">Grid</td> </tr> <tr> <td>Ground Level: 0.00 ft</td> <td></td> <td></td> <td>Grid Convergence:</td> <td colspan="4">-0.82 deg</td> </tr> </table>								Site Position:	Northing:	ft	Latitude:					From: Lease Line	Easting:	ft	Longitude:					Position Uncertainty: 0.00 ft			North Reference:	Grid				Ground Level: 0.00 ft			Grid Convergence:	-0.82 deg			
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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																														
9410.00	0.00	0.00	9410.00	0.00	0.00	0.00	0.00	0.00	0.00																														
10200.08	23.70	255.96	10177.74	-39.07	-156.30	3.00	3.00	-13.17	255.96																														
13184.06	23.70	255.96	12910.00	-330.00	-1320.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00																														
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00																														
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	0.00																														
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00																														
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																																			

Pathfinder Energy Planning Report

Company: OGX Resources LLC
Field: Winchester 5 State Com #1
Site: Winchester 5 State Com #1
Well: Winchester 5 State Com #1
Wellpath: OH

Date: 09/24/2007 **Time:** 14:05:40 **P**
Co-ordinate(NE) Reference: Winchester 5 State Com #1
Vertical (TYD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,255.96Azi)
Plan: Plan #1 9-24-07

Page: 2

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
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	
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00	
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	0.00	0.00	
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	0.00	0.00	
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	0.00	0.00	
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	0.00	0.00	
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6100.00	0.00	0.00	6100.00	0.00	0.00	0.00	0.00	0.00	0.00	
6200.00	0.00	0.00	6200.00	0.00	0.00	0.00	0.00	0.00	0.00	
6300.00	0.00	0.00	6300.00	0.00	0.00	0.00	0.00	0.00	0.00	
6400.00	0.00	0.00	6400.00	0.00	0.00	0.00	0.00	0.00	0.00	
6500.00	0.00	0.00	6500.00	0.00	0.00	0.00	0.00	0.00	0.00	
6600.00	0.00	0.00	6600.00	0.00	0.00	0.00	0.00	0.00	0.00	
6700.00	0.00	0.00	6700.00	0.00	0.00	0.00	0.00	0.00	0.00	
6800.00	0.00	0.00	6800.00	0.00	0.00	0.00	0.00	0.00	0.00	
6900.00	0.00	0.00	6900.00	0.00	0.00	0.00	0.00	0.00	0.00	

Pathfinder Energy

Planning Report

Company: OGX Resources LLC Field: Winchester 5 State Com #1 Site: Winchester 5 State Com #1 Well: Winchester 5 State Com #1 Wellpath: OH	Date: 09/24/2007 Time: 14:05:40 Page: 3 Co-ordinate(NE) Reference: Winchester 5 State Com #1 Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N.0.00E.255.96Azi) Plan: Plan #1 9-24-07
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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
7000.00	0.00	0.00	7000.00	0.00	0.00	0.00	0.00	0.00	0.00	
7100.00	0.00	0.00	7100.00	0.00	0.00	0.00	0.00	0.00	0.00	
7200.00	0.00	0.00	7200.00	0.00	0.00	0.00	0.00	0.00	0.00	
7300.00	0.00	0.00	7300.00	0.00	0.00	0.00	0.00	0.00	0.00	
7400.00	0.00	0.00	7400.00	0.00	0.00	0.00	0.00	0.00	0.00	
7500.00	0.00	0.00	7500.00	0.00	0.00	0.00	0.00	0.00	0.00	
7600.00	0.00	0.00	7600.00	0.00	0.00	0.00	0.00	0.00	0.00	
7700.00	0.00	0.00	7700.00	0.00	0.00	0.00	0.00	0.00	0.00	
7800.00	0.00	0.00	7800.00	0.00	0.00	0.00	0.00	0.00	0.00	
7900.00	0.00	0.00	7900.00	0.00	0.00	0.00	0.00	0.00	0.00	
8000.00	0.00	0.00	8000.00	0.00	0.00	0.00	0.00	0.00	0.00	
8100.00	0.00	0.00	8100.00	0.00	0.00	0.00	0.00	0.00	0.00	
8200.00	0.00	0.00	8200.00	0.00	0.00	0.00	0.00	0.00	0.00	
8300.00	0.00	0.00	8300.00	0.00	0.00	0.00	0.00	0.00	0.00	
8400.00	0.00	0.00	8400.00	0.00	0.00	0.00	0.00	0.00	0.00	
8500.00	0.00	0.00	8500.00	0.00	0.00	0.00	0.00	0.00	0.00	
8600.00	0.00	0.00	8600.00	0.00	0.00	0.00	0.00	0.00	0.00	
8700.00	0.00	0.00	8700.00	0.00	0.00	0.00	0.00	0.00	0.00	
8800.00	0.00	0.00	8800.00	0.00	0.00	0.00	0.00	0.00	0.00	
8900.00	0.00	0.00	8900.00	0.00	0.00	0.00	0.00	0.00	0.00	
9000.00	0.00	0.00	9000.00	0.00	0.00	0.00	0.00	0.00	0.00	
9100.00	0.00	0.00	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	
9200.00	0.00	0.00	9200.00	0.00	0.00	0.00	0.00	0.00	0.00	
9300.00	0.00	0.00	9300.00	0.00	0.00	0.00	0.00	0.00	0.00	
9400.00	0.00	0.00	9400.00	0.00	0.00	0.00	0.00	0.00	0.00	
9410.00	0.00	0.00	9410.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP @ 9410' MD. Begin Bu
9500.00	2.70	255.96	9499.97	-0.51	-2.06	2.12	3.00	3.00	0.00	
9600.00	5.70	255.96	9599.69	-2.29	-9.16	9.44	3.00	3.00	0.00	
9700.00	8.70	255.96	9698.89	-5.33	-21.32	21.98	3.00	3.00	0.00	
9800.00	11.70	255.96	9797.30	-9.62	-38.50	39.68	3.00	3.00	0.00	
9900.00	14.70	255.96	9894.64	-15.16	-60.65	62.51	3.00	3.00	0.00	
10000.00	17.70	255.96	9990.66	-21.93	-87.71	90.41	3.00	3.00	0.00	
10100.00	20.70	255.96	10085.09	-29.90	-119.61	123.29	3.00	3.00	0.00	
10200.00	23.70	255.96	10177.66	-39.07	-156.26	161.07	3.00	3.00	0.00	
10200.08	23.70	255.96	10177.74	-39.07	-156.29	161.10	3.00	3.00	0.00	EOB @ 10200' MD, 10178'
10300.00	23.70	255.96	10269.23	-48.82	-195.26	201.27	0.00	0.00	0.00	
10400.00	23.70	255.96	10360.79	-58.57	-234.26	241.47	0.00	0.00	0.00	
10500.00	23.70	255.96	10452.36	-68.31	-273.26	281.67	0.00	0.00	0.00	
10600.00	23.70	255.96	10543.92	-78.06	-312.26	321.87	0.00	0.00	0.00	
10700.00	23.70	255.96	10635.49	-87.81	-351.26	362.07	0.00	0.00	0.00	
10800.00	23.70	255.96	10727.05	-97.56	-390.25	402.26	0.00	0.00	0.00	
10900.00	23.70	255.96	10818.62	-107.31	-429.25	442.46	0.00	0.00	0.00	
11000.00	23.70	255.96	10910.18	-117.06	-468.25	482.66	0.00	0.00	0.00	
11100.00	23.70	255.96	11001.74	-126.81	-507.25	522.86	0.00	0.00	0.00	
11200.00	23.70	255.96	11093.31	-136.56	-546.25	563.06	0.00	0.00	0.00	
11300.00	23.70	255.96	11184.87	-146.31	-585.25	603.26	0.00	0.00	0.00	
11400.00	23.70	255.96	11276.44	-156.06	-624.25	643.46	0.00	0.00	0.00	
11500.00	23.70	255.96	11368.00	-165.81	-663.24	683.66	0.00	0.00	0.00	
11600.00	23.70	255.96	11459.57	-175.56	-702.24	723.85	0.00	0.00	0.00	
11700.00	23.70	255.96	11551.13	-185.31	-741.24	764.05	0.00	0.00	0.00	
11800.00	23.70	255.96	11642.70	-195.06	-780.24	804.25	0.00	0.00	0.00	
11900.00	23.70	255.96	11734.26	-204.81	-819.24	844.45	0.00	0.00	0.00	
12000.00	23.70	255.96	11825.83	-214.56	-858.24	884.65	0.00	0.00	0.00	
12100.00	23.70	255.96	11917.39	-224.31	-897.23	924.85	0.00	0.00	0.00	

Pathfinder Energy

Planning Report

Company: OGX Resources LLC Field: Winchester 5 State Com #1 Site: Winchester 5 State Com #1 Well: Winchester 5 State Com #1 Wellpath: OH	Date: 09/24/2007 Time: 14:05:40 Page: 4 Co-ordinate(NE) Reference: Winchester 5 State Com #1 Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,255.96Azi) Plan: Plan #1 9-24-07
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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
12200.00	23.70	255.96	12008.95	-234.06	-936.23	965.05	0.00	0.00	0.00	
12300.00	23.70	255.96	12100.52	-243.81	-975.23	1005.25	0.00	0.00	0.00	
12400.00	23.70	255.96	12192.08	-253.56	-1014.23	1045.44	0.00	0.00	0.00	
12500.00	23.70	255.96	12283.65	-263.31	-1053.23	1085.64	0.00	0.00	0.00	
12600.00	23.70	255.96	12375.21	-273.06	-1092.23	1125.84	0.00	0.00	0.00	
12700.00	23.70	255.96	12466.78	-282.81	-1131.23	1166.04	0.00	0.00	0.00	
12800.00	23.70	255.96	12558.34	-292.56	-1170.22	1206.24	0.00	0.00	0.00	
12900.00	23.70	255.96	12649.91	-302.31	-1209.22	1246.44	0.00	0.00	0.00	
13000.00	23.70	255.96	12741.47	-312.06	-1248.22	1286.64	0.00	0.00	0.00	
13100.00	23.70	255.96	12833.03	-321.80	-1287.22	1326.84	0.00	0.00	0.00	
13184.06	23.70	255.96	12910.00	-330.00	-1320.00	1360.62	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec		Longitude Deg Min Sec	
PBHL -Plan hit target		12910.00	-330.00	-1320.00	-330.00	-1320.00	30	59 21.059 N	105	55 59.242 W

Annotation

MD ft	TVD ft	
9410.00	9410.00	KOP @ 9410' MD. Begin Build @ 3"/100'
10200.08	10177.74	EOB @ 10200' MD. 10178' TVD. 23.7° INC. Hold to TD
13184.05	12909.99	TD @ 13184' MD. 12910' TVD

OGX Resources LLC

PATHFINDER

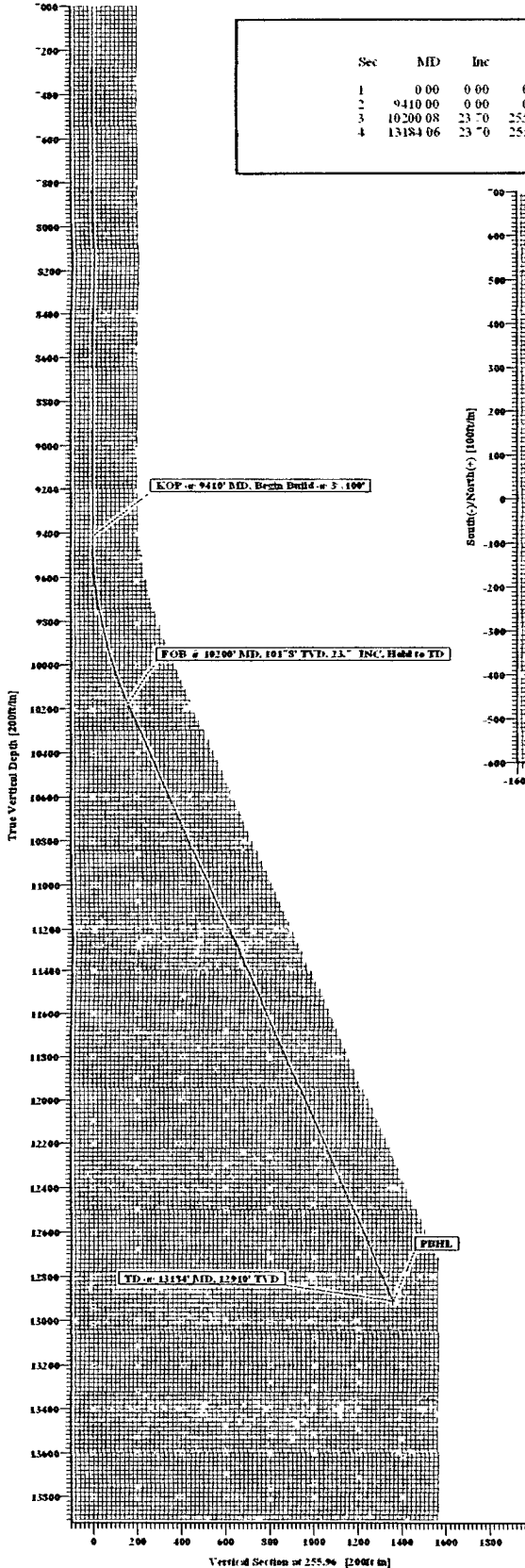
Field: Winchester 5 State Com #1

Site: Winchester 5 State Com #1

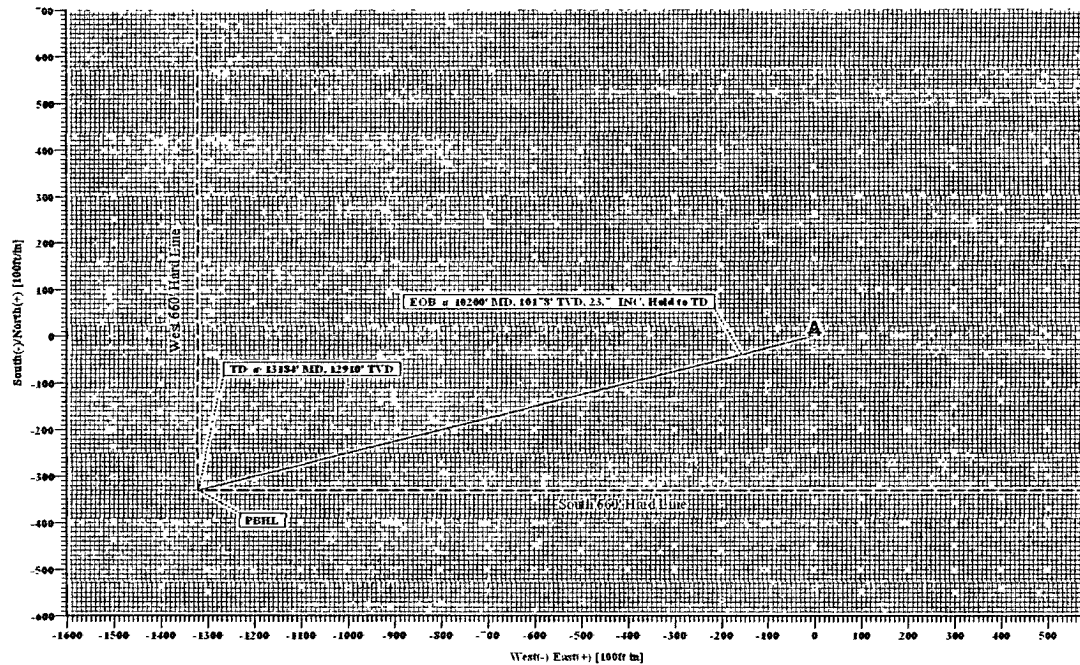
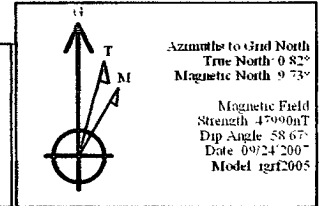
Well: Winchester 5 State Com #1

Wellpath: OH

Plan: Plan #1 9-24-07



SECTION DETAILS										
Sec	MD	Inc	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	9410.00	0.00	0.00	9410.00	0.00	0.00	0.00	0.00	0.00	
3	10200.08	23.70	255.96	10177.74	-39.07	-156.30	3.00	255.96	161.11	
4	13184.06	23.70	255.96	12910.00	-330.00	-1320.00	0.00	0.00	1360.62	PBHL



TARGET DETAILS				
Name	TVD	+N -S	+E -W	Shape
PBHL	12910.00	-330.00	-1320.00	Point

SITE DETAILS	
Winchester 5 State Com #1	
Water Depth	0.00
Positional Uncertainty	0.00
Convergence	-0.82

FIELD DETAILS	
Winchester 5 State Com #1	
Geodetic System	US State Plane Coordinate System 1927
Ellipsoid	NAD27 (Clarke 1866)
Zone	New Mexico Eastern Zone
Magnetic Model	mgr2005
System Datum	Mean Sea Level
Local North	Grid North

ANNOTATIONS			
No	TVD	MD	Annotation
1	9410.00	9410.00	KOP at 9410 MD, Begin Build at 3.100'
2	10177.74	10200.08	EOB at 10200 MD, 101.8° TVD, 23.7° INC, Hold to TD
3	12909.99	13184.06	TD at 13184 MD, 12910° TVD