

Field: Eddy County, NM NAD-27
 Site: Sly Hawk St #5
 Well: Sly Hawk St #5
 Wellpath: OH
 Plan: Plan #1 7-31-06

PATHFINDER

30-015-35103

WELLPATH DETAILS				
OH				
Rig:	SITE	Origin	Origin	Starting
Ref. Datum:		+N/S	+E/W	From TVD
V. Section				
Angle				
182.65°	0.00	0.00	0.00	0.00

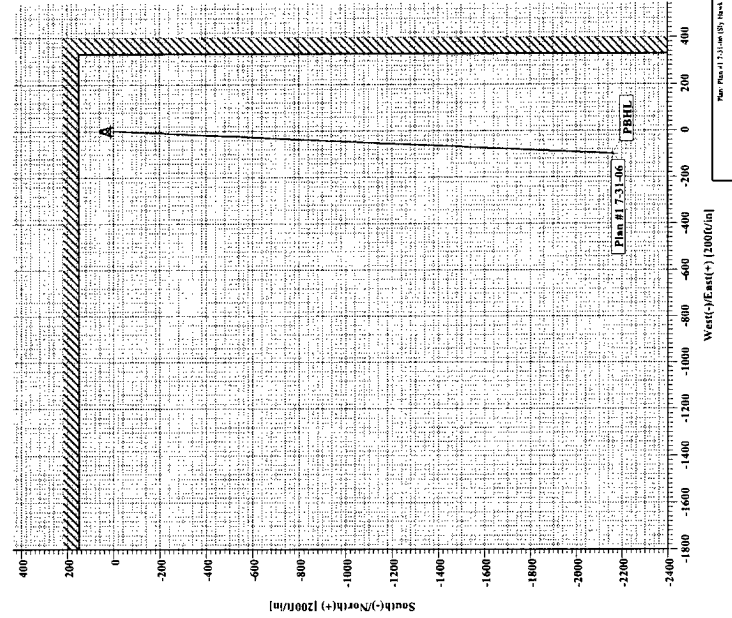
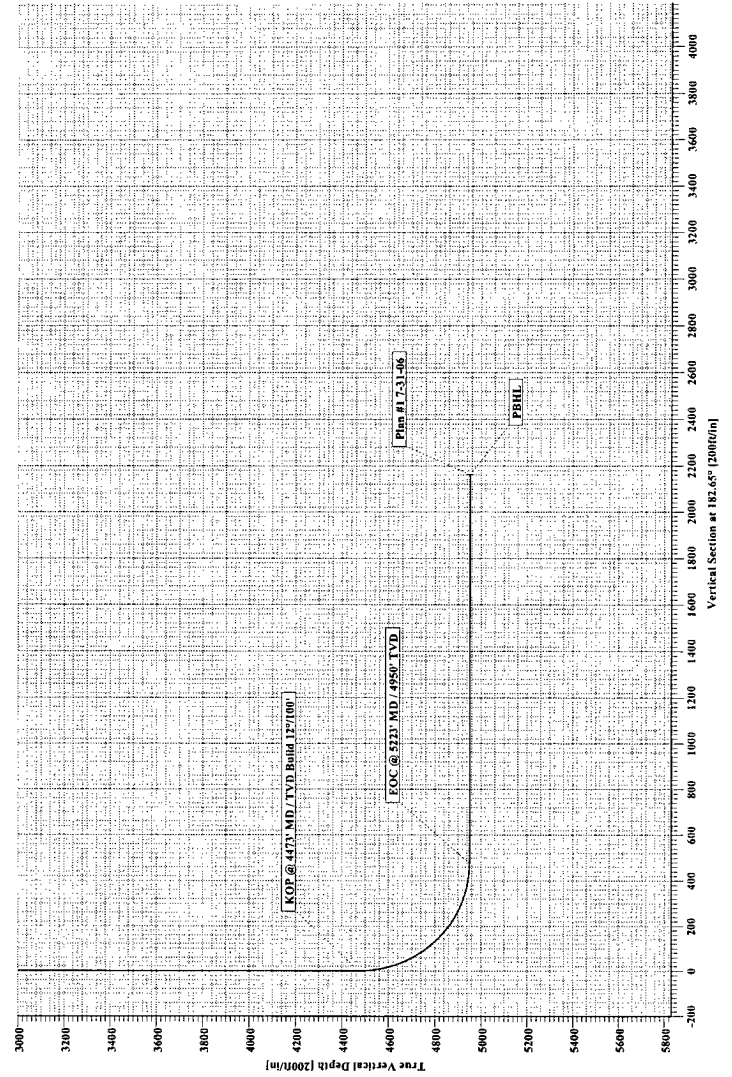
SITE DETAILS			
Sly Hawk St #5			
No.	TVD	MD	Annotation
1	4472.54	4472.54	KOF @ 4473' MD / TVD Build 12°/100'
2	4950.00	5222.54	EOC @ 5223' MD / 4950' TVD

ANNOTATIONS			
No.	TVD	MD	Annotation
1	4472.54	4472.54	KOF @ 4473' MD / TVD Build 12°/100'
2	4950.00	5222.54	EOC @ 5223' MD / 4950' TVD

SECTION DETAILS						
Sec	MD	Inc	Azi	TVD	+N/S	+E/W
1	0.00	0.00	0.00	0.00	0.00	0.00
2	4472.54	0.00	0.00	4472.54	0.00	0.00
3	5222.54	90.00	182.65	4950.00	-476.95	-22.08
4	6907.39	90.00	182.65	4950.00	-2160.00	-99.97

TARGET DETAILS				
Name	TVD	+N/S	+E/W	Shape
PBHL	4950.00	-2160.00	-100.00	Point

TARGET DETAILS				
Name	TVD	+N/S	+E/W	Shape
PBHL	4950.00	-2160.00	-100.00	Point



Pathfinder Energy

Planning Report

Company: Marbob Energy	Date: 7/31/2006	Time: 13:51:39	Page: 2
Field: Eddy County, NM NAD-27	Co-ordinate(N/E) Reference: Well: Sly Hawk St #5, Grid North		
Site: Sly Hawk St #5	Vertical (TVD) Reference: SITE 0.0		
Well: Sly Hawk St #5	Section (VS) Reference: Well (0.00N,0.00E,182.65Azi)		
Wellpath: OH	Plan: Plan #1 7-31-06		

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	
4472.54	0.00	0.00	4472.54	0.00	0.00	0.00	0.00	0.00	0.00	KOP @ 4473' MD / TVD Bul
4475.00	0.30	182.65	4475.00	-0.01	0.00	0.01	12.00	12.00	0.00	
4500.00	3.30	182.65	4499.98	-0.79	-0.04	0.79	12.00	12.00	0.00	
4525.00	6.30	182.65	4524.89	-2.88	-0.13	2.88	12.00	12.00	0.00	
4550.00	9.30	182.65	4549.66	-6.26	-0.29	6.27	12.00	12.00	0.00	
4575.00	12.30	182.65	4574.22	-10.94	-0.51	10.95	12.00	12.00	0.00	
4600.00	15.30	182.65	4598.49	-16.89	-0.78	16.91	12.00	12.00	0.00	
4625.00	18.30	182.65	4622.42	-24.11	-1.12	24.13	12.00	12.00	0.00	
4650.00	21.30	182.65	4645.94	-32.57	-1.51	32.60	12.00	12.00	0.00	
4675.00	24.30	182.65	4668.99	-42.24	-1.96	42.29	12.00	12.00	0.00	
4700.00	27.30	182.65	4691.49	-53.11	-2.46	53.16	12.00	12.00	0.00	
4725.00	30.30	182.65	4713.40	-65.13	-3.01	65.20	12.00	12.00	0.00	
4750.00	33.30	182.65	4734.65	-78.29	-3.62	78.37	12.00	12.00	0.00	
4775.00	36.30	182.65	4755.17	-92.54	-4.28	92.64	12.00	12.00	0.00	
4800.00	39.30	182.65	4774.93	-107.84	-4.99	107.96	12.00	12.00	0.00	
4825.00	42.30	182.65	4793.85	-124.16	-5.75	124.29	12.00	12.00	0.00	
4850.00	45.30	182.65	4811.89	-141.44	-6.55	141.59	12.00	12.00	0.00	
4875.00	48.30	182.65	4829.01	-159.64	-7.39	159.81	12.00	12.00	0.00	
4900.00	51.30	182.65	4845.14	-178.71	-8.27	178.90	12.00	12.00	0.00	
4925.00	54.30	182.65	4860.26	-198.60	-9.19	198.81	12.00	12.00	0.00	
4950.00	57.30	182.65	4874.31	-219.25	-10.15	219.49	12.00	12.00	0.00	
4975.00	60.30	182.65	4887.26	-240.61	-11.14	240.87	12.00	12.00	0.00	
5000.00	63.30	182.65	4899.08	-262.61	-12.15	262.90	12.00	12.00	0.00	
5025.00	66.30	182.65	4909.72	-285.21	-13.20	285.51	12.00	12.00	0.00	
5050.00	69.30	182.65	4919.17	-308.33	-14.27	308.66	12.00	12.00	0.00	

Pathfinder Energy

Planning Report

Company: Marbob Energy Field: Eddy County, NM NAD-27 Site: Sly Hawk St #5 Well: Sly Hawk St #5 Wellpath: OH	Date: 7/31/2006 Time: 13:51:39 Page: 3 Co-ordinate(NE) Reference: Well: Sly Hawk St #5, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,182.65Azi) Plan: Plan #1 7-31-06
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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
5075.00	72.30	182.65	4927.39	-331.91	-15.36	332.26	12.00	12.00	0.00	
5100.00	75.30	182.65	4934.37	-355.88	-16.47	356.27	12.00	12.00	0.00	
5125.00	78.30	182.65	4940.08	-380.19	-17.60	380.60	12.00	12.00	0.00	
5150.00	81.30	182.65	4944.51	-404.77	-18.73	405.20	12.00	12.00	0.00	
5175.00	84.30	182.65	4947.64	-429.54	-19.88	430.00	12.00	12.00	0.00	
5200.00	87.30	182.65	4949.47	-454.45	-21.03	454.93	12.00	12.00	0.00	
5222.54	90.00	182.65	4950.00	-476.95	-22.08	477.46	12.00	12.00	0.00	EOC @ 5223' MD / 4950' TV
5300.00	90.00	182.65	4950.00	-554.33	-25.66	554.92	0.00	0.00	0.00	
5400.00	90.00	182.65	4950.00	-654.22	-30.28	654.92	0.00	0.00	0.00	
5500.00	90.00	182.65	4950.00	-754.12	-34.90	754.92	0.00	0.00	0.00	
5600.00	90.00	182.65	4950.00	-854.01	-39.53	854.92	0.00	0.00	0.00	
5700.00	90.00	182.65	4950.00	-953.90	-44.15	954.92	0.00	0.00	0.00	
5800.00	90.00	182.65	4950.00	-1053.80	-48.77	1054.92	0.00	0.00	0.00	
5900.00	90.00	182.65	4950.00	-1153.69	-53.40	1154.92	0.00	0.00	0.00	
6000.00	90.00	182.65	4950.00	-1253.58	-58.02	1254.92	0.00	0.00	0.00	
6100.00	90.00	182.65	4950.00	-1353.48	-62.64	1354.92	0.00	0.00	0.00	
6200.00	90.00	182.65	4950.00	-1453.37	-67.27	1454.92	0.00	0.00	0.00	
6300.00	90.00	182.65	4950.00	-1553.26	-71.89	1554.92	0.00	0.00	0.00	
6400.00	90.00	182.65	4950.00	-1653.16	-76.51	1654.92	0.00	0.00	0.00	
6500.00	90.00	182.65	4950.00	-1753.05	-81.14	1754.92	0.00	0.00	0.00	
6600.00	90.00	182.65	4950.00	-1852.94	-85.76	1854.92	0.00	0.00	0.00	
6700.00	90.00	182.65	4950.00	-1952.83	-90.39	1954.92	0.00	0.00	0.00	
6800.00	90.00	182.65	4950.00	-2052.73	-95.01	2054.92	0.00	0.00	0.00	
6907.39	90.00	182.65	4950.00	-2160.00	-99.97	2162.31	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 --->			<--- Longitude --->		
							Deg	Min	Sec	Deg	Min	Sec
PBHL		4950.00	-2160.00	-100.00	422052.93	582295.00	32	9	36.219 N	104	4	2.634 W

Annotation

MD ft	TVD ft	
4472.54	4472.54	KOP @ 4473' MD / TVD Build 12°/100'
5222.54	4950.00	EOC @ 5223' MD / 4950' TVD

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Submit

Revised October 12, 2005
to Appropriate District Office
State Lease 2005 Copies
Fee Lease 2005 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 96855	Pool Name Willow Lake; Delaware, SW
Property Code	Property Name SLY HAWK STATE	Well Number 5
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 2993'

Surface Location

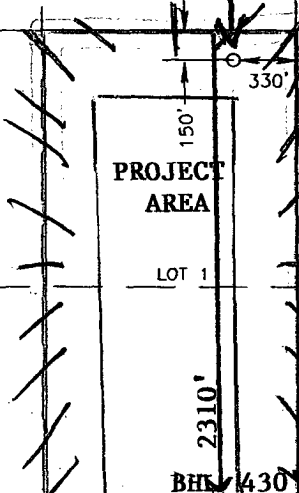
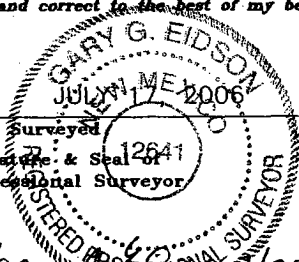
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	25-S	28-E		150	NORTH	330	EAST	EDDY

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
H	3	25S	28E	H	2310	North	430	East	Eddy

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80.62			

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

GEODETIC COORDINATES NAD 27 NME Y=424213.0 N X=582395.0 E LAT.=32.165998° N LONG.=104.067058° W			OPERATOR CERTIFICATION <i>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>Nancy T. Bratcher</i> 3/19/06 Signature Date Nancy T. Bratcher Printed Name		
SECTION 34 SECTION 3	Penetration Point  LOT 1		SURVEYOR CERTIFICATION <i>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.</i>  Date Surveyed Signature & Seal of Professional Surveyor <i>Gary G. Eidson</i> 6/20/06 06.11.1174 Certificate No. GARY EIDSON 12641		
LOT 4 LOT 3	LOT 2		LOT 1		

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

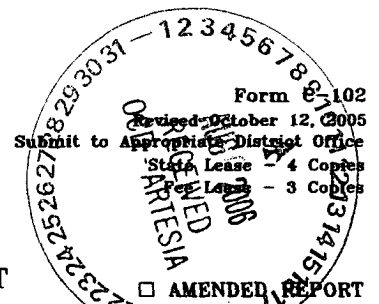
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96855	Pool Name Willow Lake; Delaware, SW
Property Code	Property Name SLY HAWK STATE	Well Number 5
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 2993'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	25-S	28-E		150	NORTH	330	EAST	EDDY

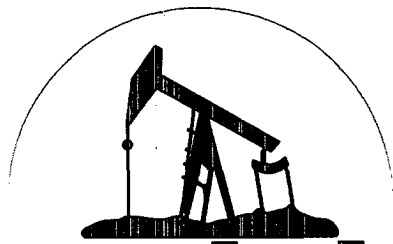
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	3	25S	28E	H	2310	North	430	East	Eddy

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80.62			

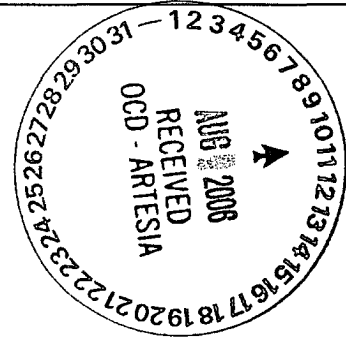
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SECTION 34 SECTION 3 LOT 4 LOT 3 LOT 2 LOT 1 GEODETIC COORDINATES NAD 27 NME Y=424213.0 N X=582395.0 E LAT.=32.165998° N LONG.=104.067058° W Penetration Point PROJECT AREA 2310' BH 430' PRODUCING AREA	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Nancy T. Bratcher</i> 3/19/06 Signature Date Nancy T. Bratcher Printed Name 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. GARY G. EIDSON JULY 11, 2006 Date Surveyed Signature & Seal of Professional Surveyor 12641 7/20/06 06.11.1174 Certificate No. GARY EIDSON 12641
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marbob
energy corporation

August 10, 2006



Oil Conservation Division
1301 W. Grand Ave.
Artesia, NM 88210

Attention: Bryan Arrant

RE: Scared Hawk State Com #1
T25S – R28E – Sec. 4
330 FNL & 25 FEL
BHL: 430 FNL & 2310 FEL
Eddy County, New Mexico

Sly Hawk State #5
T25S – R28E – Sec. 3
150 FNL & 330 FEL
BHL: 2310 FNL & 430 FEL
Eddy County, New Mexico

Hello Bryan:

Attached are the C-102's for the above referenced wells that you requested. The penetration point is located on the surface location for both wells. We have just submitted the NSL to Stogner yesterday on the Scared Hawk. If you need anything else on these please let me know!

Thanks,

Nancy Bratcher
Land Department