

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P O Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO	30-005-64005
5 Indicate Type of Lease	STATE ☒ FEE ☐
6 State Oil & Gas Lease No	V-8033

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7 Lease Name or Unit Agreement Name Falcon State
b Type of Completion NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIRT RESVR ☐ OTHER ☐	

2. Name of Operator Mack Energy Corporation	JUN 19 2008	8 Well No 3
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960	OCD-ARTESIA	9 Pool name or Wildcat Lone Wolf; San Andres, South
4. Well Location Unit Letter <u>F</u> : <u>1675</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>14S</u> Range <u>29E</u> NMPM <u>Chaves</u> County		

10 Date Spudded 3/8/2008	11. Date TD Reached 4/20/2008	12 Date Compl. (Ready to Prod.) 5/17/2008	13. Elevations (DF & RKB, RT, GR, etc) 3727.5' RKB	14 Elev Casinghead 3710' GR
15. Total Depth 4,644'	16. Plug Back TD 4,597'	17 If Multiple Compl How Many Zones?	18 Intervals Drilled By Rotary Tools Yes	Cable Tools
19 Producing Interval(s), of this completion - Top, Bottom, Name 2,835-4,550' Lone Wolf; San Andres, South				20 Was Directional Survey Made Yes
21 Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray				22: Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	324'	17 1/2	845sx	None
8 5/8	32	2,275'	12 1/4	875sx	None
5 1/2	17	4,628' MD	7 7/8	1,500sx	None

24 LINER RECORD					25 TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2404	

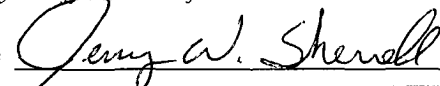
26. Perforation record (interval, size, and number) 2,835-3,156', .41, 40 3,296-3,516', .41, 40 3,730-4,096', .41, 40 4,305-4,550', .41, 40	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2835-4550'	See C-103 for details

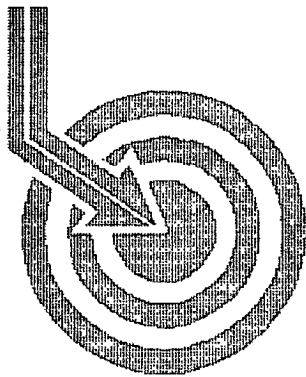
PRODUCTION

28 Date First Production 5/22/2008		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 1 1/2 x 16' pump				Well Status (Prod or Shut-in) Producing	
Date of Test 6/17/08	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 15	Gas - MCF tstm	Water- Bbl. 220	Gas - Oil Ratio
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl 15	Gas - MCF tstm	Water- Bbl. 220	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc) Waiting on Pipeline Connection	Test Witnessed By Robert C. Chase
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30 List Attachments Deviation Survey & Logs
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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 	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 6/17/2008



Scientific Drilling

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MACK ENERGY

Field: Wildcat
Site: Chaves County, NM
Well: Falcon State #3H
Wellpath: DH - Job #32D0408238
Survey: 04/10/08-04/19/08

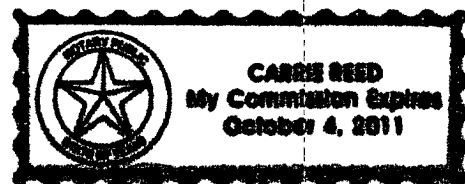
This survey is correct to the best of my knowledge
and is supported by actual field data.

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

Notorized this date 19th of May, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MACK ENERGY	Date: 05/15/2008	Time: 14:34:03	Page: 1
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Chaves County, NM, Grid North	
Site: Chaves County, NM	Vertical (TVD) Reference:	Mean Sea Level 0.0	
Well: Falcon State #3H	Section (VS) Reference:	Well (0.00N,0.00E,0.00Azi)	
Wellpath: VH - Job #32K0408233	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 04/08/08	Start Date: 04/08/2008
KSRG 0'-3155'	
Company: Scientific Drilling Internatio	Engineer: Garza w/Geo/Gyro
Tool: Keeper;Keeper 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	359.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.05	340.63	100.00	0.04	0.04	-0.01	0.05	0.04	340.63
200.00	0.22	323.47	200.00	0.24	0.24	-0.14	0.17	0.28	328.81
300.00	0.16	310.79	300.00	0.48	0.48	-0.36	0.07	0.60	323.00
400.00	0.13	316.32	400.00	0.66	0.66	-0.55	0.03	0.85	320.13
500.00	0.18	317.99	500.00	0.85	0.85	-0.73	0.05	1.12	319.45
600.00	0.28	345.90	600.00	1.21	1.21	-0.90	0.15	1.50	323.45
700.00	0.20	335.62	700.00	1.60	1.60	-1.03	0.09	1.90	327.37
800.00	0.18	0.63	800.00	1.92	1.92	-1.10	0.08	2.21	330.25
900.00	0.22	32.42	900.00	2.24	2.24	-0.99	0.12	2.45	336.09
1000.00	0.23	102.53	1000.00	2.36	2.36	-0.69	0.26	2.46	343.60
1100.00	0.27	108.09	1099.99	2.24	2.24	-0.27	0.05	2.26	353.03
1200.00	0.31	86.38	1199.99	2.18	2.18	0.22	0.12	2.20	5.75
1300.00	0.31	101.43	1299.99	2.15	2.15	0.76	0.08	2.28	19.37
1400.00	0.28	72.21	1399.99	2.17	2.17	1.25	0.15	2.51	30.01
1500.00	0.18	102.96	1499.99	2.21	2.21	1.64	0.16	2.75	36.58
1600.00	0.41	109.68	1599.99	2.05	2.05	2.13	0.23	2.96	46.04
1700.00	0.32	104.07	1699.99	1.86	1.86	2.74	0.10	3.31	55.73
1800.00	0.34	62.19	1799.98	1.94	1.94	3.27	0.24	3.80	59.38
1900.00	0.36	48.11	1899.98	2.28	2.28	3.77	0.09	4.40	58.77
2000.00	0.38	45.39	1999.98	2.73	2.73	4.24	0.03	5.04	57.24
2100.00	0.41	56.12	2099.98	3.16	3.16	4.77	0.08	5.72	56.49
2200.00	0.34	46.96	2199.98	3.56	3.56	5.28	0.09	6.37	56.02
2300.00	0.20	36.87	2299.97	3.90	3.90	5.60	0.15	6.83	55.15
2400.00	0.18	347.10	2399.97	4.20	4.20	5.67	0.16	7.06	53.52
2500.00	0.25	16.28	2499.97	4.56	4.56	5.70	0.13	7.30	51.36
2600.00	0.34	16.72	2599.97	5.05	5.05	5.85	0.09	7.73	49.18
2700.00	0.38	13.89	2699.97	5.66	5.66	6.01	0.04	8.26	46.74
2800.00	0.57	15.16	2799.97	6.46	6.46	6.22	0.19	8.97	43.93
2900.00	0.59	15.63	2899.96	7.44	7.44	6.49	0.02	9.87	41.12
3000.00	0.62	24.96	2999.96	8.42	8.42	6.86	0.10	10.86	39.16
3100.00	0.71	33.74	3099.95	9.43	9.43	7.43	0.14	12.00	38.24
3155.00	0.85	29.70	3154.94	10.06	10.06	7.82	0.27	12.75	37.85



Scientific
Drilling

Scientific Drilling International

Survey Report

Company: MACK ENERGY
Field: Wildcat
Site: Chaves County, NM
Well: Falcon State #3H
Wellpath: DH - Job #32D0408238

Date: 05/15/2008 Time: 14:46:26 Page: 1
Co-ordinate(NE) Reference: Site: Chaves County, NM, Grid North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,269.75Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 04/10/08-04/19/08 Start Date: 04/10/2008
MWD 2353'-4584'
Company: Scientific Drilling Internatio Engineer: Calvert/McCormick/Graham/Glass
Tool: Keeper;Keeper Gyro Tied-to: From: Definitive Path

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
2300.00	0.20	36.87	2299.97	-5.62	3.90	5.60	0.00	6.83	55.15
2353.00	0.29	25.18	2352.97	-5.74	4.10	5.72	0.19	7.03	54.37
2373.00	0.31	15.91	2372.97	-5.77	4.20	5.75	0.26	7.12	53.90
2401.00	0.89	278.64	2400.97	-5.58	4.30	5.56	3.50	7.03	52.27
2433.00	4.55	256.12	2432.93	-4.10	4.03	4.08	11.70	5.74	45.33
2463.00	9.44	257.22	2462.70	-0.54	3.20	0.52	16.31	3.25	9.29
2494.00	14.32	256.72	2493.03	5.68	1.76	-5.69	15.75	5.96	287.19
2525.00	19.11	256.19	2522.71	14.36	-0.33	-14.35	15.46	14.36	268.67
2555.00	23.69	259.13	2550.63	25.06	-2.64	-25.05	15.68	25.19	263.98
2586.00	27.99	261.32	2578.53	38.38	-4.92	-38.36	14.21	38.67	262.70
2619.00	31.45	261.90	2607.18	54.58	-7.30	-54.54	10.52	55.03	262.38
2648.00	34.76	262.29	2631.47	70.27	-9.47	-70.23	11.44	70.87	262.32
2678.00	37.80	262.65	2655.65	87.88	-11.80	-87.83	10.16	88.62	262.35
2708.00	40.79	262.57	2678.87	106.73	-14.24	-106.67	9.97	107.61	262.39
2739.00	43.31	262.74	2701.88	127.33	-16.90	-127.26	8.14	128.38	262.44
2771.00	46.78	263.75	2724.49	149.83	-19.55	-149.74	11.07	151.01	262.56
2803.00	50.33	264.14	2745.67	173.69	-22.08	-173.59	11.13	174.99	262.75
2834.00	53.37	263.83	2764.82	197.94	-24.64	-197.83	9.84	199.36	262.90
2865.00	56.15	267.16	2782.70	223.18	-26.61	-223.07	12.54	224.65	263.20
2895.00	59.78	269.79	2798.62	248.60	-27.28	-248.48	14.20	249.97	263.74
2925.00	63.39	272.22	2812.89	274.97	-26.81	-274.86	13.98	276.16	264.43
2956.00	66.62	275.50	2825.99	302.99	-24.90	-302.88	14.16	303.90	265.30
2986.00	69.67	278.53	2837.16	330.60	-21.50	-330.51	13.83	331.21	266.28
3016.00	71.98	280.20	2847.01	358.53	-16.88	-358.46	9.32	358.86	267.30
3047.00	74.31	280.81	2856.00	387.68	-11.47	-387.63	7.75	387.80	268.30
3078.00	77.16	280.52	2863.64	417.17	-5.91	-417.15	9.24	417.19	269.19
3107.00	79.56	279.56	2869.49	445.12	-0.96	-445.12	8.89	445.12	269.88
3139.00	82.08	278.56	2874.60	476.29	4.01	-476.31	8.46	476.33	270.48
3170.00	83.67	278.63	2878.44	506.68	8.61	-506.73	5.13	506.80	270.97
3202.00	84.24	276.08	2881.81	538.22	12.68	-538.28	8.12	538.43	271.35
3232.00	85.19	273.89	2884.57	567.97	15.27	-568.04	7.93	568.25	271.54
3265.00	87.81	271.29	2886.59	600.86	16.76	-600.94	11.17	601.17	271.60
3295.00	91.41	268.85	2886.79	630.85	16.80	-630.93	14.50	631.16	271.53
3325.00	92.02	268.34	2885.90	660.83	16.06	-660.91	2.65	661.10	271.39
3358.00	89.97	268.21	2885.32	693.82	15.07	-693.89	6.22	694.05	271.24
3389.00	89.16	268.77	2885.56	724.81	14.25	-724.88	3.18	725.02	271.13
3420.00	90.13	268.88	2885.75	755.80	13.62	-755.87	3.15	755.99	271.03
3451.00	91.41	269.02	2885.33	786.79	13.05	-786.86	4.15	786.97	270.95
3481.00	92.02	268.66	2884.44	816.78	12.44	-816.84	2.36	816.93	270.87
3511.00	91.98	268.66	2883.39	846.75	11.74	-846.81	0.13	846.89	270.79
3540.00	91.68	268.35	2882.46	875.73	10.98	-875.79	1.49	875.86	270.72
3571.00	91.45	268.05	2881.62	906.71	10.01	-906.76	1.22	906.82	270.63
3604.00	91.61	267.78	2880.73	939.68	8.81	-939.73	0.95	939.77	270.54
3636.00	89.87	267.74	2880.32	971.66	7.56	-971.70	5.44	971.73	270.45
3667.00	88.55	268.40	2880.75	1002.64	6.52	-1002.68	4.76	1002.70	270.37
3697.00	89.03	268.33	2881.38	1032.62	5.66	-1032.66	1.62	1032.67	270.31
3729.00	89.40	268.53	2881.82	1064.61	4.78	-1064.64	1.31	1064.65	270.26
3760.00	89.13	268.38	2882.22	1095.60	3.95	-1095.63	1.00	1095.64	270.21
3790.00	88.55	268.08	2882.83	1125.59	3.02	-1125.61	2.18	1125.61	270.15

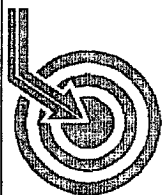


Scientific Drilling International Survey Report

Company: MACK ENERGY	Date: 05/15/2008	Time: 14:46:26	Page: 2
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Chaves County, NM	Grid North
Site: Chaves County, NM	Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Falcon State #3H	Section (VS) Reference:	Well (0.00N,0.00E,269.75Azi)	
Wellpath: DH - Job #32D0408238	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

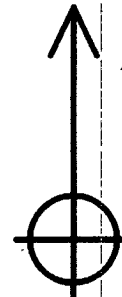
MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3821.00	89.13	268.08	2883.45	1156.57	1.98	-1156.59	1.87	1156.59	270.10
3852.00	89.09	267.56	2883.93	1187.54	0.80	-1187.56	1.68	1187.56	270.04
3883.00	88.72	268.06	2884.53	1218.52	-0.38	-1218.53	2.01	1218.53	269.98
3913.00	89.02	267.29	2885.12	1248.50	-1.60	-1248.50	2.75	1248.50	269.93
3944.00	89.63	266.80	2885.48	1279.46	-3.19	-1279.46	2.52	1279.46	269.86
3975.00	89.63	267.15	2885.68	1310.42	-4.83	-1310.41	1.13	1310.42	269.79
4006.00	89.76	267.56	2885.85	1341.39	-6.26	-1341.38	1.39	1341.39	269.73
4037.00	89.60	267.26	2886.02	1372.37	-7.66	-1372.35	1.10	1372.37	269.68
4068.00	88.72	267.66	2886.48	1403.34	-9.04	-1403.31	3.12	1403.34	269.63
4098.00	87.92	267.75	2887.36	1433.31	-10.24	-1433.28	2.68	1433.31	269.59
4129.00	88.62	268.49	2888.29	1464.28	-11.25	-1464.24	3.29	1464.29	269.56
4162.00	89.66	269.43	2888.79	1497.27	-11.85	-1497.23	4.25	1497.28	269.55
4192.00	90.84	269.90	2888.66	1527.27	-12.03	-1527.23	4.23	1527.28	269.55
4222.00	92.59	270.27	2887.76	1557.26	-11.98	-1557.22	5.96	1557.26	269.56
4254.00	94.61	271.24	2885.75	1589.19	-11.56	-1589.15	7.00	1589.19	269.58
4285.00	94.95	271.17	2883.17	1620.07	-10.91	-1620.04	1.12	1620.07	269.61
4316.00	95.08	271.14	2880.46	1650.94	-10.29	-1650.91	0.43	1650.94	269.64
4346.00	93.57	269.91	2878.19	1680.85	-10.02	-1680.82	6.48	1680.85	269.66
4376.00	92.72	268.99	2876.55	1710.80	-10.30	-1710.78	4.17	1710.81	269.65
4408.00	92.06	269.33	2875.21	1742.77	-10.77	-1742.74	2.32	1742.78	269.65
4439.00	91.75	269.78	2874.18	1773.76	-11.01	-1773.73	1.76	1773.76	269.64
4469.00	91.48	269.67	2873.34	1803.74	-11.16	-1803.71	0.97	1803.75	269.65
4499.00	91.11	269.39	2872.66	1833.74	-11.40	-1833.70	1.55	1833.74	269.64
4531.00	91.24	269.78	2872.00	1865.73	-11.63	-1865.70	1.28	1865.73	269.64
4562.00	90.87	269.72	2871.43	1896.72	-11.77	-1896.69	1.21	1896.73	269.64
4584.00	90.44	269.49	2871.18	1918.72	-11.92	-1918.69	2.22	1918.73	269.64



Scientific
Drilling

Field: Wildcat
Site: Chaves County, NM
Well: Falcon State #3H
Wellpath: DH - Job #32D0408238
Survey: 04/10/08-04/19/08

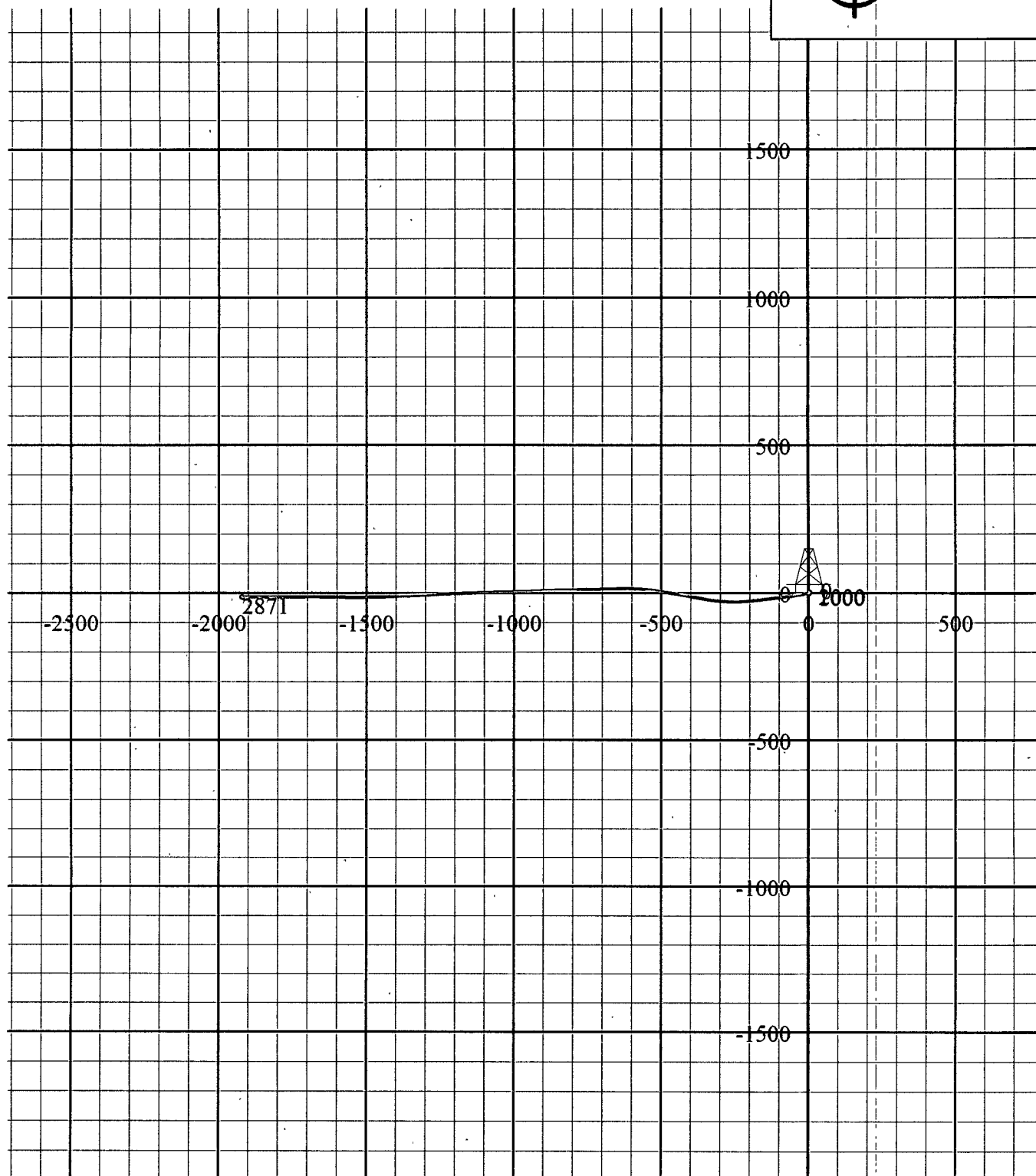
G/T/M



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 05/15/2008
Model: igrf2000

South(-)/North(+) [500ft/in]



West(-)/East(+) [500ft/in]