

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 30-005-62648	
5 Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. V-8003	

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 ☐ DIFF RESVR ☐ OTHER ☐ JAN 23 2008 OCD-ARTESIA				8 Well No. 1	
2 Name of Operator Mack Energy Corporation				9 Pool name or Wildcat Wildcat San Andres	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960					
4. Well Location Unit Letter <u>B</u> <u>660</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>14S</u> Range <u>29E</u> NMPM <u>Chaves</u> County					
10. Date Spudded 9/13/07	11 Date TD Reached 10/26/07	12. Date Compl. (Ready to Prod) 12/6/07	13 Elevations (DF & RKB, RT, GR, etc.) 3727' GR	14 Elev Casinghead	
15 Total Depth 4337	16. Plug Back TD 4316	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 3346-4278'				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	54.5	320	17 1/2	376sx	None
8 5/8	24	2318	11	730sx	None
5 1/2	17	4333	7 7/8	750sx	None

24 LINER RECORD					25 TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2397	

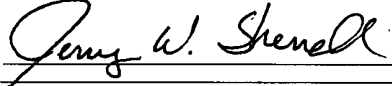
26 Perforation record (interval, size, and number) 3346-4278', .38, 180	27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3346-4278'	See C-103 for detail

28 PRODUCTION							
Date First Production 12/9/07		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 16' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 1/2/07	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl 39	Gas - MCF N/A	Water- Bbl 80	Gas - Oil Ratio 0
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl 39	Gas - MCF N/A	Water- Bbl 80	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 Horizontal Survey Report

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 1/21/08

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 915	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1145	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1650	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 1972	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2260	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3690	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

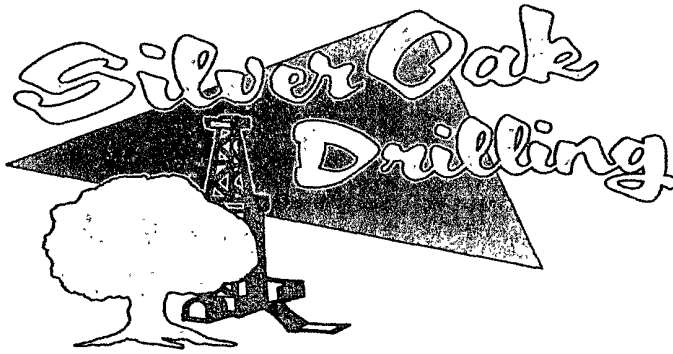
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.....
 No. 2, from to feet.....
 No. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

November 6, 2007

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Falcon State #1
660' FNL & 198' FEL
Sec. 16, T14S, R29E
Eddy County, New Mexico

Dear Sir,

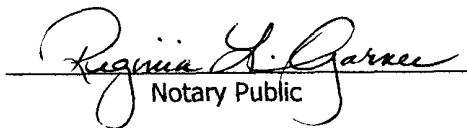
The attached is the Deviation Survey for the above captioned re-entered well.

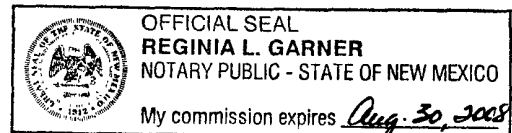
Very truly yours,


Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 6th day of November, 2007.


Notary Public



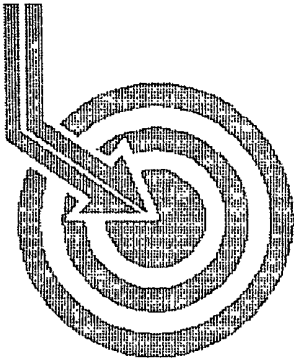
Pason DataHub Deviation Survey 2007/11/01 16:44:05
Well Dossier 1192800071 - FALCON STATE #1 - RE-ENTRY EDITED

#

#

Date	Depth	Dev	Dir
10/20/2007	2463.00	5.06	89.23
10/20/2007	2525.00	14.21	89.62
10/21/2007	2555.00	17.69	90.42
10/21/2007	2586.00	22.01	91.24
10/21/2007	2617.00	25.33	92.30
10/21/2007	2648.00	28.50	92.86
10/21/2007	2678.00	31.16	90.15
10/21/2007	2709.00	34.14	88.14
10/21/2007	2740.00	37.45	87.92
10/21/2007	2771.00	40.34	87.96
10/22/2007	2832.00	48.13	89.55
10/22/2007	2863.00	51.81	89.92
10/22/2007	2894.00	56.30	90.20
10/22/2007	2924.00	59.86	90.46
10/22/2007	2986.00	67.91	90.75
10/22/2007	3017.00	71.34	90.46
10/22/2007	3047.00	75.64	90.73
10/22/2007	3078.00	79.22	91.11
10/22/2007	3109.00	83.27	91.33
10/23/2007	3140.00	86.70	91.53
10/23/2007	3170.00	89.87	92.25
10/23/2007	3201.00	90.17	91.47
10/23/2007	3232.00	90.54	90.42
10/23/2007	3263.00	90.64	90.06
10/23/2007	3293.00	90.67	90.15
10/23/2007	3324.00	90.57	90.63
10/23/2007	3355.00	90.40	90.14
10/23/2007	3386.00	90.24	90.16
10/23/2007	3416.00	90.10	90.31
10/23/2007	3447.00	90.03	89.68
10/23/2007	3478.00	89.76	89.55
10/23/2007	3508.00	90.03	89.88
10/24/2007	3539.00	90.07	90.29
10/24/2007	3631.00	89.90	91.71
10/24/2007	3662.00	89.36	90.82
10/24/2007	3693.00	89.83	90.45
10/24/2007	3724.00	89.63	90.39
10/24/2007	3754.00	89.39	88.21
10/25/2007	3785.00	89.09	88.13
10/25/2007	3817.00	88.89	88.66
10/25/2007	3848.00	89.33	89.37
10/25/2007	3879.00	89.73	90.33
10/25/2007	3910.00	89.50	90.88
10/25/2007	3941.00	89.23	91.13
10/25/2007	3972.00	89.29	91.46
10/25/2007	4004.00	89.36	91.59
10/25/2007	4035.00	89.66	89.63
10/25/2007	4066.00	89.56	89.61
10/25/2007	4097.00	89.13	89.86
10/25/2007	4128.00	88.76	89.75
10/25/2007	4159.00	87.04	89.52
10/25/2007	4191.00	86.54	89.00
10/25/2007	4222.00	86.17	89.32
10/25/2007	4253.00	86.07	89.43
10/25/2007	4279.00	87.92	89.80

EOF



Scientific Drilling

MACK ENERGY

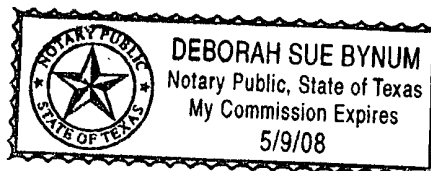
Field: Falcon
Site: Chaves County, NM
Well: Falcon State #1
Wellpath: DH - Job #32D1007923
Survey: 10/17/07-10/26/07

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

L. L. Hart Company Representative

Notorized this date 19th of December, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MACK ENERGY	Date: 12/18/2007	Time: 17:03:04	Page: 1
Field: Falcon	Co-ordinate(NE) Reference:	Site: Chaves County, NM, Grid North	
Site: Chaves County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Falcon State #1	Section (VS) Reference:	Well (0.00N,0.00E,42.05Azi)	
Wellpath: VH - Job #32K0907829	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 09/20/07	Start Date: 09/20/2007
Company: Scientific Drilling Internatio	Engineer: Rehders w/GeoGyro
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim: deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.31	197.27	100.00	-0.25	-0.26	-0.08	0.31	0.27	197.27
200.00	0.42	212.77	200.00	-0.85	-0.82	-0.36	0.15	0.90	203.52
300.00	0.52	204.95	299.99	-1.65	-1.54	-0.75	0.12	1.72	205.87
400.00	0.47	213.27	399.99	-2.49	-2.30	-1.17	0.09	2.58	206.88
500.00	0.46	212.42	499.99	-3.29	-2.98	-1.61	0.01	3.39	208.31
600.00	0.36	207.08	599.98	-3.99	-3.60	-1.96	0.11	4.10	208.62
700.00	0.27	226.72	699.98	-4.53	-4.04	-2.28	0.14	4.64	209.42
800.00	0.32	146.13	799.98	-4.83	-4.43	-2.29	0.38	4.99	207.36
900.00	0.41	115.87	899.98	-4.80	-4.82	-1.82	0.21	5.15	200.64
1000.00	0.52	87.72	999.98	-4.38	-4.96	-1.04	0.25	5.07	191.86
1100.00	0.60	85.87	1099.97	-3.69	-4.90	-0.07	0.08	4.90	180.77
1200.00	0.42	54.47	1199.97	-2.95	-4.65	0.75	0.33	4.71	170.78
1300.00	0.46	34.71	1299.97	-2.19	-4.11	1.28	0.16	4.31	162.68
1400.00	0.45	26.28	1399.96	-1.42	-3.43	1.68	0.07	3.82	153.84
1500.00	0.44	16.25	1499.96	-0.69	-2.71	1.97	0.08	3.35	144.02
1600.00	0.40	18.02	1599.96	-0.03	-2.01	2.18	0.04	2.96	132.62
1700.00	0.38	18.70	1699.95	0.59	-1.36	2.40	0.02	2.75	119.60
1800.00	0.37	21.78	1799.95	1.20	-0.75	2.62	0.02	2.73	105.91
1900.00	0.41	28.46	1899.95	1.85	-0.13	2.91	0.06	2.91	92.61
2000.00	0.43	28.96	1999.95	2.56	0.51	3.26	0.02	3.30	81.12
2100.00	0.38	27.44	2099.94	3.25	1.13	3.60	0.05	3.77	72.52
2200.00	0.47	39.61	2199.94	3.98	1.74	4.01	0.13	4.37	66.52
2300.00	0.45	38.26	2299.94	4.78	2.37	4.52	0.02	5.10	62.34
2400.00	0.57	35.36	2399.93	5.67	3.08	5.05	0.12	5.91	58.60
2500.00	0.63	30.46	2499.93	6.70	3.96	5.61	0.08	6.87	54.80
2600.00	0.57	28.97	2599.92	7.73	4.87	6.13	0.06	7.83	51.56
2700.00	0.58	28.73	2699.92	8.70	5.75	6.62	0.01	8.77	49.02
2800.00	1.00	17.96	2799.91	9.99	7.02	7.13	0.44	10.01	45.44
2900.00	0.83	23.04	2899.90	11.47	8.52	7.68	0.19	11.47	42.05



Scientific Drilling International Survey Report

Company: MACK ENERGY
Field: Falcon
Site: Chaves County, NM
Well: Falcon State #1
Wellpath: DH - Job #32D1007923

Date: 12/18/2007 Time: 17:22:31 Page: 1
Co-ordinate(NE) Reference: Site: Chaves County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 10/17/07-10/26/07
MWD 2427'-4280'

Start Date: 10/17/2007

Company: Scientific Drilling Internatio
Tool: MWD;MWD

Engineer: Barbre/Foster/Smith/Glass
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
2400.00	0.57	35.36	2399.93	5.05	3.08	5.05	0.00	5.91	58.60
2427.00	0.59	33.77	2426.93	5.20	3.31	5.20	0.10	6.17	57.57
2463.00	5.06	89.23	2462.88	6.89	3.48	6.89	13.20	7.72	63.21
2494.00	9.38	88.95	2493.63	10.79	3.55	10.79	13.94	11.36	71.80
2525.00	14.21	89.62	2523.97	17.12	3.62	17.12	15.59	17.50	78.07
2555.00	17.69	90.42	2552.81	25.37	3.61	25.37	11.62	25.62	81.90
2586.00	22.01	91.24	2581.96	35.89	3.45	35.89	13.96	36.05	84.51
2617.00	25.33	92.30	2610.35	48.33	3.06	48.33	10.80	48.42	86.38
2648.00	28.50	92.86	2637.98	62.34	2.42	62.34	10.26	62.39	87.78
2678.00	31.16	90.15	2664.01	77.26	2.04	77.26	9.94	77.28	88.48
2709.00	34.14	88.14	2690.11	93.97	2.31	93.97	10.23	94.00	88.59
2740.00	37.45	87.92	2715.25	112.09	2.93	112.09	10.69	112.13	88.50
2771.00	40.34	87.96	2739.37	131.54	3.63	131.54	9.32	131.59	88.42
2801.00	43.84	88.73	2761.63	151.64	4.21	151.64	11.79	151.70	88.41
2832.00	48.13	89.55	2783.17	173.93	4.53	173.93	13.97	173.98	88.51
2863.00	51.81	89.92	2803.10	197.66	4.64	197.66	11.91	197.71	88.65
2894.00	56.30	90.20	2821.30	222.75	4.61	222.75	14.50	222.80	88.81
2924.00	59.86	90.46	2837.16	248.21	4.47	248.21	11.89	248.25	88.97
2955.00	63.90	90.87	2851.76	275.54	4.15	275.54	13.08	275.57	89.14
2986.00	67.91	90.75	2864.42	303.83	3.75	303.83	12.94	303.85	89.29
3017.00	71.34	90.46	2875.21	332.89	3.44	332.89	11.10	332.90	89.41
3047.00	75.64	90.73	2883.73	361.64	3.14	361.64	14.36	361.65	89.50
3078.00	79.22	91.11	2890.48	391.89	2.66	391.89	11.61	391.90	89.61
3109.00	83.27	91.33	2895.20	422.51	2.00	422.51	13.08	422.52	89.73
3140.00	86.70	91.53	2897.91	453.38	1.23	453.38	11.08	453.38	89.84
3170.00	89.87	92.25	2898.80	483.35	0.24	483.35	10.84	483.35	89.97
3201.00	90.17	91.47	2898.79	514.33	-0.76	514.33	2.70	514.33	90.08
3232.00	90.54	90.42	2898.60	545.33	-1.27	545.33	3.59	545.33	90.13
3263.00	90.64	90.06	2898.28	576.32	-1.40	576.32	1.21	576.33	90.14
3293.00	90.67	90.15	2897.94	606.32	-1.46	606.32	0.32	606.32	90.14
3324.00	90.57	90.63	2897.60	637.32	-1.67	637.32	1.58	637.32	90.15
3355.00	90.40	90.14	2897.34	668.32	-1.88	668.32	1.67	668.32	90.16
3386.00	90.24	90.16	2897.17	699.32	-1.96	699.32	0.52	699.32	90.16
3416.00	90.10	90.31	2897.08	729.32	-2.08	729.32	0.68	729.32	90.16
3447.00	90.03	89.68	2897.04	760.32	-2.08	760.32	2.04	760.32	90.16
3478.00	89.76	89.55	2897.10	791.31	-1.87	791.31	0.97	791.32	90.14
3508.00	90.03	89.88	2897.15	821.31	-1.72	821.31	1.42	821.32	90.12
3539.00	90.07	90.29	2897.13	852.31	-1.77	852.31	1.33	852.32	90.12
3570.00	89.93	91.04	2897.13	883.31	-2.13	883.31	2.46	883.31	90.14
3601.00	89.80	91.25	2897.20	914.31	-2.75	914.31	0.80	914.31	90.17
3631.00	89.90	91.71	2897.28	944.30	-3.52	944.30	1.57	944.30	90.21
3662.00	89.36	90.82	2897.48	975.29	-4.21	975.29	3.36	975.30	90.25
3693.00	89.83	90.45	2897.70	1006.28	-4.55	1006.28	1.93	1006.29	90.26
3724.00	89.63	90.39	2897.84	1037.28	-4.78	1037.28	0.67	1037.29	90.26
3754.00	89.39	88.21	2898.10	1067.28	-4.41	1067.28	7.31	1067.29	90.24
3785.00	89.09	88.13	2898.51	1098.26	-3.42	1098.26	1.00	1098.26	90.18
3817.00	88.89	88.66	2899.08	1130.24	-2.52	1130.24	1.77	1130.24	90.13
3848.00	89.33	89.37	2899.56	1161.23	-1.99	1161.23	2.69	1161.23	90.10
3879.00	89.73	90.33	2899.81	1192.23	-1.91	1192.23	3.35	1192.23	90.09



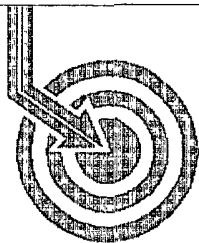
Scientific Drilling International

Survey Report

Company: MACK ENERGY Date: 12/18/2007 Time: 17:22:31 Page: 2
Field: Falcon Co-ordinate(NE) Reference: Site: Chaves County, NM, Grid North
Site: Chaves County, NM Vertical (TVD) Reference: SITE 0.0
Well: Falcon State #1 Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Wellpath: DH - Job #32D1007923 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

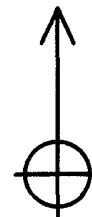
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3910.00	89.50	90.88	2900.02	1223.23	-2.24	1223.23	1.92	1223.23	90.10
3941.00	89.23	91.13	2900.36	1254.22	-2.78	1254.22	1.19	1254.23	90.13
3972.00	89.29	91.46	2900.76	1285.21	-3.48	1285.21	1.08	1285.22	90.16
4004.00	89.36	91.59	2901.14	1317.20	-4.33	1317.20	0.46	1317.20	90.19
4035.00	89.66	89.63	2901.41	1348.19	-4.66	1348.19	6.40	1348.20	90.20
4066.00	89.56	89.61	2901.62	1379.19	-4.46	1379.19	0.33	1379.20	90.19
4097.00	89.13	89.86	2901.97	1410.19	-4.31	1410.19	1.60	1410.20	90.18
4128.00	88.76	89.75	2902.54	1441.18	-4.21	1441.18	1.25	1441.19	90.17
4159.00	87.04	89.52	2903.68	1472.16	-4.01	1472.16	5.60	1472.17	90.16
4191.00	86.54	89.00	2905.47	1504.11	-3.60	1504.11	2.25	1504.11	90.14
4222.00	86.17	89.32	2907.44	1535.04	-3.15	1535.04	1.58	1535.05	90.12
4253.00	86.07	89.43	2909.54	1565.97	-2.81	1565.97	0.48	1565.97	90.10
4280.00	87.92	89.80	2910.95	1592.93	-2.63	1592.93	6.99	1592.93	90.09



Scientific Drilling

Field: Falcon
Site: Chaves County, NM
Well: Falcon State #1
Wellpath: DH - Job #32D1007923
Survey: 10/17/07-10/26/07

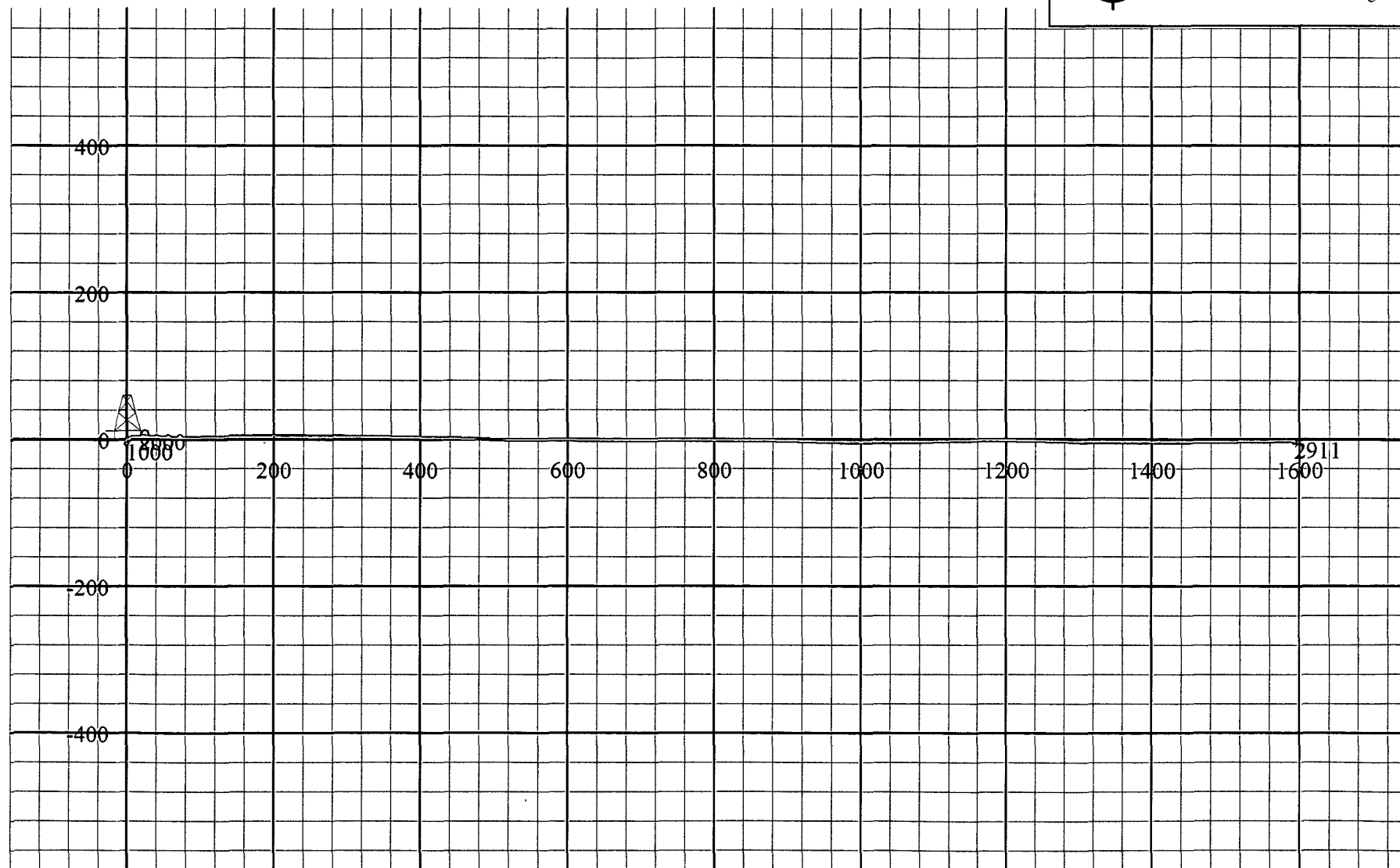
G/T/M



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/18/2007
Model: igrf2000

South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]