

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.

30-015-35324

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

VA-2575

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

Deepen ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

Quail Creek State

8. Well No.

1

9. Pool name or Wildcat

Wildcat Wolfcamp Gas (97487)

2. Name of Operator

Mack Energy Corporation

3. Address of Operator

P.O. Box 960, Artesia, NM 88211-0960

4. Well Location

Unit Letter N : 180 Feet From The South Line and 1715 Feet From The West Line

Section 16 Township 19S Range 23E NMPM Eddy County

10. Date Spudded

12/30/06

11. Date TD Reached

2/3/07

12. Date Compl. (Ready to Prod.)

3/16/07

13. Elevations (DF & RKB, RT, GR, etc.)

4002' RKB

14. Elev. Casinghead

3986' GR

15. Total Depth

9007'

16. Plug Back TD

8989'

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

7960-8844', Wolfcamp

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

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8, H-40	48	460	17 1/2	828sx	None
8 5/8, J-55	24	1395	12 1/4	1380sx	None
5 1/2, L-80	17	9007	7 7/8	1890sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3896	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

7960-8844', .41, 62

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

7960-8844'

AMOUNT AND KIND MATERIAL USED

See C-103 for detail

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
3/28/07	2 x 1 1/2 x 16' pump					Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water- Bbl.	Gas - Oil Ratio
4/5/07	24 hours			5	tstm	20	0
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water- Bbl.	Oil Gravity - API - (Corr.)	
			5	tstm	20		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Waiting on pipeline connection

Test Witnessed By

Robert C. Chase

30. List Attachments

Deviation Survey and Logs

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

Jerry W. Sherrell

Printed
Name

Jerry W. Sherrell

Title

Production Clerk

Date

5/8/2007

;

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1446	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 2808	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3446	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 4604	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

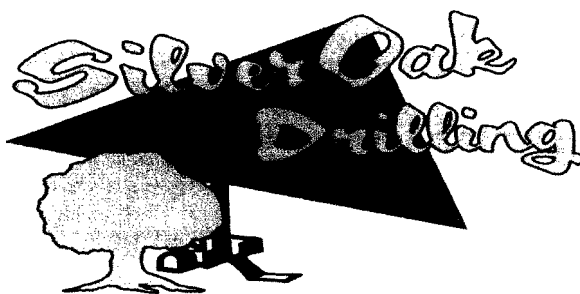
No. 2, from to feet

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

February 13, 2007

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

RE: Quail Creek State #1
 180' FSL & 1715' FWL
 Sec. 16, T19S, R23E
 Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

Date	Depth	Deviation	Direction	Date	Depth	Deviation	Direction
12/31/2006	149.00	1.00	0.00	01/20/2007	4278.00	45.11	171.62
12/31/2006	234.00	1.25	0.00	01/21/2007	4310.00	48.28	171.36
12/31/2006	329.00	2.00	0.00	01/21/2007	4372.00	51.00	171.62
01/01/2007	403.00	1.50	0.00	01/21/2007	4372.00	53.82	171.80
01/01/2007	460.00	1.75	0.00	01/21/2007	4403.00	56.89	172.24
01/02/2007	520.00	2.00	0.00	01/21/2007	4435.00	59.53	171.62
01/03/2007	623.00	2.25	0.00	01/21/2007	4466.00	61.29	172.41
01/03/2007	680.00	2.00	0.00	01/21/2007	4497.00	62.26	172.41
01/03/2007	737.00	2.00	0.00	01/21/2007	4528.00	63.84	172.77
01/04/2007	859.00	3.00	0.00	01/21/2007	4560.00	64.46	176.47
01/04/2007	922.00	3.00	0.00	01/22/2007	4591.00	64.19	173.38
01/04/2007	986.00	3.00	0.00	01/22/2007	4653.00	63.75	173.12
01/05/2007	1089.00	3.00	0.00	01/22/2007	4684.00	63.58	172.77
01/05/2007	1152.00	3.00	0.00	01/22/2007	4715.00	64.98	173.56
01/05/2007	1175.00	3.00	0.00	01/22/2007	4746.00	64.81	173.47
01/05/2007	1269.00	3.00	0.00	01/22/2007	4777.00	64.72	173.47
01/05/2007	1395.00	3.00	0.00	01/22/2007	4808.00	64.54	173.12
01/08/2007	1690.00	1.50	0.00	01/22/2007	4838.00	64.46	173.12
01/08/2007	1870.00	1.00	0.00	01/22/2007	4869.00	64.37	172.94
01/09/2007	2060.00	1.00	0.00	01/22/2007	4900.00	64.02	173.56
01/09/2007	2247.00	1.00	0.00	01/22/2007	4931.00	63.93	173.82
01/09/2007	2427.00	1.00	0.00	01/23/2007	4992.00	63.75	174.12
01/09/2007	2655.00	1.50	0.00	01/23/2007	5023.00	63.75	174.17
01/10/2007	2842.00	1.50	0.00	01/23/2007	5054.00	63.84	173.56
01/10/2007	3034.00	1.25	0.00	01/23/2007	5084.00	63.75	173.73
01/10/2007	3202.00	1.00	0.00	01/23/2007	5084.00	64.63	173.73
01/11/2007	3448.00	1.00	0.00	01/24/2007	5093.00	65.69	174.30
01/11/2007	3628.00	1.50	0.00	01/24/2007	5146.00	66.39	174.61
01/12/2007	3888.00	0.75	0.00	01/24/2007	5176.00	66.92	174.79
01/12/2007	4107.00	0.75	0.00	01/24/2007	5207.00	68.15	174.70
01/12/2007	4286.00	0.75	0.00	01/24/2007	5247.00	70.96	174.44
01/19/2007	3939.00	2.55	159.32	01/24/2007	5269.00	73.69	174.70
01/19/2007	3964.00	6.95	167.32	01/24/2007	5299.00	76.77	175.58
01/19/2007	3995.00	12.40	169.25	01/24/2007	5330.00	79.58	175.84
01/20/2007	4050.00	17.59	169.34	01/25/2007	5361.00	82.04	176.46
01/20/2007	4058.00	21.98	169.43	01/25/2007	5392.00	85.56	176.46
01/20/2007	4090.00	24.27	169.51	01/25/2007	5431.00	88.81	176.46
01/20/2007	4121.00	26.56	169.95	01/25/2007	5462.00	91.63	176.54
01/20/2007	4152.00	29.90	170.31	01/25/2007	5482.00	91.63	176.28
01/20/2007	4185.00	33.06	170.66	01/25/2007	5515.00	91.28	175.93
01/20/2007	4213.00	36.76	171.36	01/26/2007	5546.00	90.92	176.02
01/20/2007	4247.00	40.45	171.62	01/26/2007	5577.00	90.24	175.76

Date	Depth	Deviation	Direction
01/26/2007	5607.00	90.22	175.84
01/26/2007	5638.00	89.87	176.54
01/26/2007	5669.00	89.25	177.07
01/26/2007	5706.00	89.60	176.90
01/26/2007	5737.00	90.04	177.60
01/26/2007	5768.00	89.87	177.42
01/26/2007	5789.00	89.52	177.42
01/26/2007	5830.00	90.31	177.07
01/26/2007	5860.00	90.75	177.69
01/26/2007	5891.00	90.75	177.95
01/26/2007	5922.00	90.40	177.95
01/26/2007	5943.00	89.96	178.13
01/26/2007	5974.00	90.48	178.22
01/26/2007	6005.00	90.84	178.04
01/26/2007	6036.00	90.48	178.83
01/26/2007	6066.00	90.31	179.27
01/26/2007	6097.00	90.92	178.92
01/26/2007	6128.00	90.40	179.71
01/26/2007	6159.00	90.22	179.71
01/27/2007	6190.00	89.60	179.88
01/27/2007	6220.00	87.43	179.71
01/27/2007	6252.00	89.25	179.71
01/27/2007	6283.00	89.08	179.36
01/27/2007	6314.00	88.90	179.53
01/27/2007	6439.00	87.41	179.08
01/27/2007	6470.00	86.70	179.53
01/27/2007	6501.00	87.32	179.01
01/27/2007	6563.00	87.23	178.57
01/28/2007	6625.00	86.97	178.39
01/28/2007	6656.00	86.88	178.93
01/28/2007	6687.00	88.46	178.65
01/28/2007	6749.00	89.60	178.04
01/29/2007	6812.00	91.01	177.78
01/29/2007	6882.00	93.12	178.39
01/29/2007	6944.00	96.55	178.39

Date	Depth	Deviation	Direction
01/29/2007	6998.00	97.43	178.39
01/29/2007	7060.00	97.96	178.30
01/30/2007	7123.00	99.28	178.48
01/30/2007	7185.00	100.07	178.74
01/30/2007	7255.00	100.16	178.57
01/30/2007	7286.00	99.98	178.70
01/30/2007	7318.00	99.72	178.57
01/30/2007	7380.00	99.53	178.48
01/30/2007	7433.00	98.84	178.74
01/30/2007	7495.00	97.78	178.83
01/31/2007	7558.00	96.55	178.65
01/31/2007	7620.00	95.94	178.39
01/31/2007	7692.00	93.56	178.57
01/31/2007	7754.00	92.42	178.30
01/31/2007	7776.00	94.42	178.30
01/31/2007	7807.00	91.10	178.65
01/31/2007	7838.00	89.78	178.83
01/31/2007	7869.00	88.90	179.18
02/01/2007	7932.00	87.49	179.27
02/01/2007	7994.00	85.82	179.45
02/01/2007	8065.00	85.03	179.36
02/01/2007	8128.00	84.68	178.83
02/01/2007	8181.00	84.68	178.39
02/02/2007	8243.00	86.61	178.30
02/02/2007	8314.00	88.11	177.95
02/02/2007	8377.00	86.97	177.69
02/02/2007	8430.00	88.29	177.42
02/02/2007	8493.00	89.87	178.04
02/03/2007	8555.00	88.99	177.62
02/03/2007	8617.00	88.37	177.16
02/03/2007	8689.00	89.52	176.54
02/03/2007	8751.00	89.25	176.37
02/03/2007	8813.00	89.60	176.72
02/03/2007	8867.00	89.78	176.46
02/03/2007	8945.00	89.43	175.84

EOF

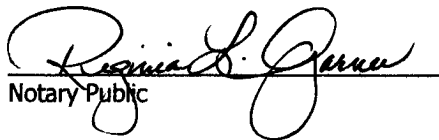
Very truly yours,

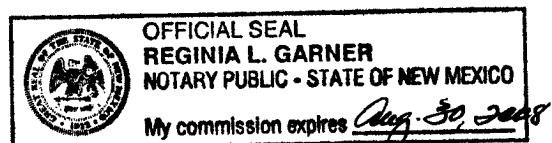


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 13th day of February, 2007.


Notary Public



RECEIVED

FEB 23 2007



Scientific Drilling

MACK ENERGY

Field: Wildcat
Site: Eddy County, NM
Well: Quail Creek State #1
Wellpath: VH - Job #32K0107045
Survey: 01/12/07

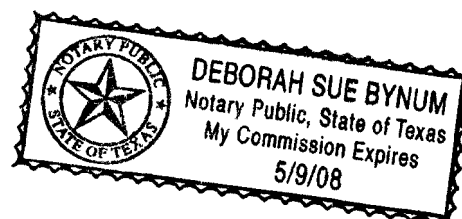
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*R. Wharton*..... Company Representative

Notorized this date 21st of February, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: MACK ENERGY
Field: Wildcat
Site: Eddy County, NM
Well: Quail Creek State #1
Wellpath: VH - Job #32K0107045

Date: 01/29/2007 Time: 16:48:47 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,206.77Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 01/12/07
KSRG 0'-4380'
Company: Scientific Drilling Internatio
Tool: Keeper, Keeper Gyro

Start Date: 01/12/2007
Engineer: Gonzales/Rando
Tied-to: From Surface

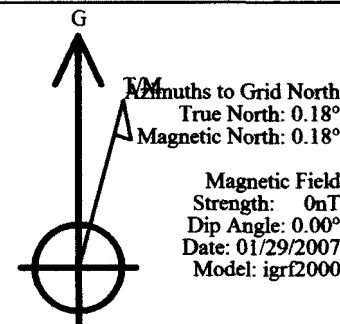
Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	Chd ft	ChA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.66	180.44	100.00	0.52	-0.58	0.00	0.66	0.58	180.44
200.00	1.03	199.32	199.99	1.92	-2.00	-0.31	0.46	2.02	188.70
300.00	1.40	196.96	299.96	4.02	-4.02	-0.96	0.37	4.13	193.44
400.00	1.64	192.08	399.93	6.61	-6.58	-1.62	0.27	6.78	193.79
500.00	2.23	204.37	499.87	9.94	-9.76	-2.72	0.72	10.13	195.57
600.00	2.41	199.37	599.79	13.97	-13.52	-4.22	0.27	14.16	197.34
700.00	2.55	202.14	699.70	18.27	-17.56	-5.76	0.18	18.48	198.15
800.00	2.69	204.15	799.59	22.83	-21.76	-7.55	0.17	23.03	199.14
900.00	2.98	203.72	899.47	27.77	-26.28	-9.56	0.29	27.96	199.99
1000.00	3.13	201.72	999.33	33.08	-31.19	-11.61	0.18	33.28	200.42
1100.00	2.84	200.34	1099.19	38.26	-36.05	-13.48	0.30	38.49	200.51
1200.00	2.26	203.23	1199.09	42.69	-40.19	-15.12	0.59	42.94	200.62
1300.00	1.66	200.09	1299.03	46.10	-43.36	-16.40	0.61	46.36	200.72
1400.00	1.55	198.48	1398.99	48.88	-46.00	-17.33	0.12	49.16	200.64
1500.00	1.35	207.09	1498.96	51.40	-48.34	-18.29	0.30	51.68	200.73
1600.00	1.24	221.73	1598.94	53.62	-50.19	-19.55	0.35	53.87	201.28
1700.00	1.21	210.98	1698.91	55.72	-51.91	-20.81	0.23	55.93	201.85
1800.00	1.23	217.96	1798.89	57.82	-53.66	-22.02	0.15	58.00	202.31
1900.00	0.99	217.23	1898.87	59.73	-55.20	-23.20	0.24	59.87	202.80
2000.00	1.00	229.28	1998.86	61.39	-56.46	-24.39	0.21	61.50	203.36
2100.00	0.83	232.24	2098.84	62.85	-57.47	-25.62	0.17	62.92	204.03
2200.00	0.88	238.03	2198.83	64.16	-58.32	-26.85	0.10	64.20	204.72
2300.00	0.88	242.29	2298.82	65.44	-59.08	-28.18	0.07	65.46	205.50
2400.00	0.95	250.26	2398.81	66.67	-59.72	-29.64	0.14	66.67	206.40
2500.00	1.11	246.97	2498.79	68.01	-60.38	-31.31	0.17	68.02	207.41
2600.00	0.91	247.25	2598.78	69.36	-61.07	-32.94	0.20	69.38	208.34
2700.00	0.93	249.22	2698.76	70.56	-61.66	-34.43	0.04	70.62	209.18
2800.00	0.93	263.39	2798.75	71.61	-62.04	-35.99	0.23	71.73	210.12
2900.00	0.99	258.91	2898.74	72.58	-62.30	-37.65	0.10	72.79	211.14
3000.00	0.85	255.04	2998.72	73.61	-62.66	-39.21	0.15	73.92	212.04
3100.00	0.74	251.91	3098.71	74.56	-63.05	-40.55	0.12	74.96	212.74
3200.00	0.57	232.97	3198.71	75.46	-63.56	-41.56	0.27	75.94	213.18
3300.00	0.48	214.74	3298.70	76.32	-64.20	-42.19	0.19	76.82	213.31
3400.00	0.35	213.44	3398.70	77.05	-64.80	-42.60	0.13	77.55	213.32
3500.00	0.28	195.88	3498.70	77.59	-65.29	-42.84	0.12	78.09	213.27
3600.00	0.35	156.83	3598.70	78.03	-65.81	-42.79	0.22	78.49	213.03
3700.00	0.48	150.73	3698.70	78.46	-66.45	-42.46	0.14	78.86	212.58
3800.00	0.50	139.88	3798.69	78.86	-67.15	-41.98	0.09	79.19	212.01
3900.00	0.65	119.83	3898.69	79.06	-67.76	-41.21	0.25	79.31	211.30
4000.00	0.67	117.94	3998.68	79.10	-68.32	-40.20	0.03	79.27	210.48
4100.00	0.80	123.10	4098.67	79.19	-68.97	-39.10	0.14	79.29	209.55
4200.00	1.29	123.42	4198.66	79.40	-69.97	-37.58	0.49	79.42	208.24
4300.00	0.48	152.35	4298.64	79.77	-70.96	-36.45	0.90	79.77	207.19
4380.00	0.52	147.92	4378.64	80.15	-71.56	-36.10	0.07	80.15	206.77

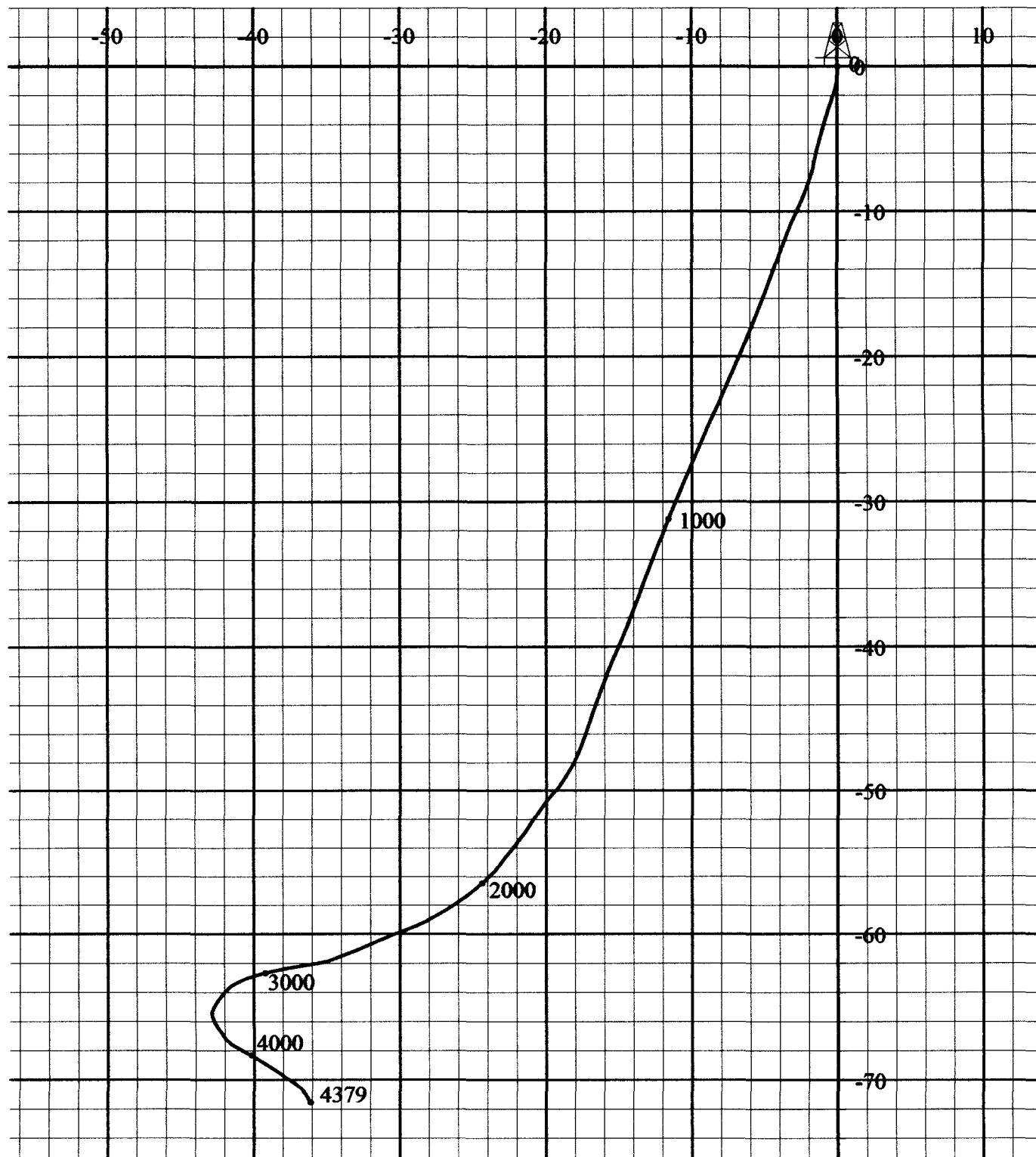


Scientific
Drilling

Field: Wildcat
Site: Eddy County, NM
Well: Quail Creek State #1
Wellpath: VH - Job #32K0107045
Survey: 01/12/07



West(-)/East(+) [10ft/in]



South(-)/North(+) [10ft/in]