

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
struction on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
NMNM-117550

6. INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other OCT 07 2008

2. NAME OF OPERATOR

Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960 (575) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1650 FSL & 330 FWL

At top prod. interval reported below

At total depth

1954 FSL & 378 FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

North Pole Federal #2

9. API WELL NO.

30-015-36080

10. FIELD AND POOL, OR WILDCAT

Crow Flats; Wolfcamp

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 15 T16S R28E

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

15. DATE SPUNDED 7/10/2008 16. DATE T.D. REACHED 8/14/2008 17. DATE COMPL. (Ready to prod.) 9/11/2008 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3,598.5' RKB 19. ELEV. CASING HEAD 3,581' GR

20. TOTAL DEPTH, MD & TVD 10,872' 21. PLUG, BACK T.D., MD & TVD 10,872' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ROTARY TOOLS Yes CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8 H-40	48	330'	17 1/2	370sx	None
9 5/8, J-55	36	1,805'	12 1/4	600sx	None
7, HCP-110	26	6,782'	8 3/4	1000sx	None
4 1/2, HCP-110	11.60	10,508'	6 1/8		

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5,770'	5770'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Intervals @ 6,818-7,221' Intervals @ 9,089-9,405'
Intervals @ 7,221-7,579' Intervals @ 10,149-10,872'
Intervals @ 7,579-7,935'
Intervals @ 7,935-8,384'
Intervals @ 8,384-9,089'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6,818-10,872'	See C-103 for details

33. PRODUCTION

DATE FIRST PRODUCTION 9/12/2008 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
9/22/2008	24 hours		→	465	600	100	1290
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY - API (CORR)	
		→	465	600	100		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Deviation Survey & Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jerry W. Shewell

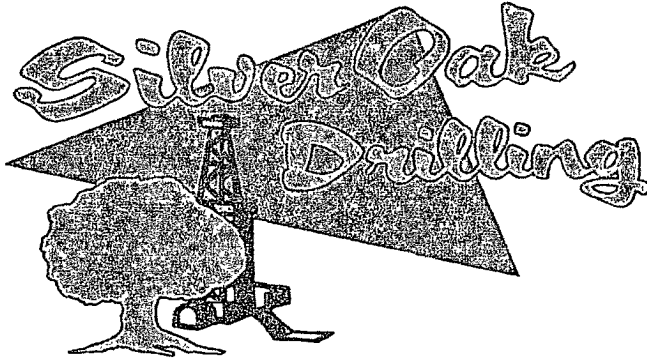
TITLE

Production Clerk

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
9/23/08

*(See Instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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

August 21, 2008

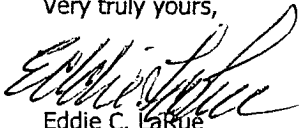
Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: North Pole Federal #2
1650' FSL & 330' FWL
Sec. 15, T16S, R28E
Eddy County, New Mexico

Dear Sir,

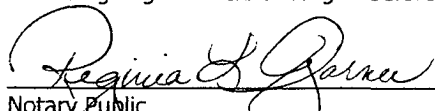
The attached is the Deviation Survey for the above captioned well.

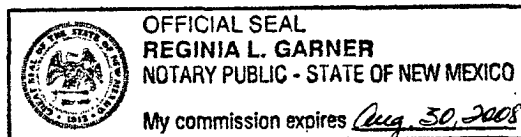
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 21st day of August, 2008.


Notary Public



Date	Depth	Dev/Inc	Dir/AZ	TVD
07/09/2008	145.00	0.25	0.00	0.00
07/10/2008	280.00	0.25	0.00	0.00
07/10/2008	277.00	0.10	125.30	0.00
07/11/2008	437.00	0.30	241.30	0.00
07/11/2008	560.00	0.30	256.30	0.00
07/11/2008	683.00	0.40	249.30	0.00
07/11/2008	801.00	0.20	38.30	0.00
07/11/2008	925.00	0.40	294.30	0.00
07/12/2008	1053.00	0.40	318.30	0.00
07/12/2008	1177.00	0.30	345.30	0.00
07/12/2008	1301.00	0.40	339.30	0.00
07/12/2008	1420.00	0.20	329.30	0.00
07/12/2008	1543.00	0.60	297.30	0.00
07/13/2008	1672.00	0.30	254.30	0.00
07/13/2008	1753.00	0.70	251.30	0.00
07/15/2008	1857.00	0.40	260.30	0.00
07/15/2008	1948.00	0.10	136.30	0.00
07/15/2008	2078.00	0.40	238.30	0.00
07/15/2008	2201.00	0.30	211.00	0.00
07/15/2008	2325.00	0.10	297.30	0.00
07/15/2008	2448.00	0.40	235.30	0.00
07/16/2008	2566.00	0.40	177.30	0.00
07/16/2008	2720.00	0.20	242.30	0.00
07/16/2008	2844.00	0.30	143.30	0.00
07/16/2008	2973.00	0.10	46.30	0.00
07/16/2008	3099.00	0.00	19.30	0.00
07/16/2008	3347.00	0.30	268.30	0.00
07/16/2008	3471.00	0.50	242.00	0.00
07/17/2008	3589.00	0.30	267.30	0.00
07/17/2008	3718.00	0.10	218.30	0.00
07/17/2008	3780.00	0.20	316.30	0.00
07/18/2008	3959.00	0.53	95.89	0.00
07/18/2008	4052.00	0.35	126.68	0.00
07/18/2008	4145.00	0.62	118.18	0.00
07/18/2008	4237.00	0.53	110.87	0.00
07/18/2008	4330.00	0.62	91.44	0.00
07/18/2008	4423.00	0.62	85.85	0.00
07/18/2008	4516.00	0.53	75.57	0.00
07/19/2008	4609.00	0.62	98.10	0.00
07/19/2008	4701.00	0.35	120.45	0.00
07/19/2008	4885.00	0.53	79.64	0.00
07/19/2008	4978.00	0.66	94.72	0.00
07/19/2008	5071.00	0.26	151.74	0.00
07/19/2008	5164.00	0.44	67.32	0.00
07/19/2008	5256.00	0.70	81.21	0.00
07/20/2008	5349.00	0.44	89.42	0.00
07/20/2008	5442.00	0.62	83.07	0.00
07/20/2008	5535.00	0.97	100.72	0.00
07/20/2008	5628.00	0.97	100.61	0.00
07/21/2008	5720.00	1.67	100.22	0.00
07/21/2008	5881.00	1.67	101.18	0.00
07/21/2008	5905.00	1.76	99.84	0.00
07/22/2008	5936.00	1.41	107.38	0.00
07/22/2008	5967.00	1.67	98.00	0.00
07/22/2008	6028.00	5.01	89.31	0.00
07/22/2008	6090.00	11.10	88.30	0.00
07/22/2008	6121.00	13.63	90.61	0.00
07/22/2008	6152.00	15.74	94.06	0.00
07/23/2008	6183.00	18.20	96.33	0.00
07/23/2008	6214.00	21.81	96.82	0.00
07/24/2008	6275.00	30.16	92.81	0.00
07/24/2008	6306.00	34.38	90.73	0.00
07/24/2008	6337.00	38.34	88.72	0.00
07/24/2008	6368.00	42.56	87.21	6337.57
07/24/2008	6399.00	47.04	87.22	0.00
07/24/2008	6430.00	49.86	87.63	6380.16
07/24/2008	6461.00	51.27	87.33	6380.15
07/24/2008	6492.00	53.99	86.06	6418.07
07/25/2008	6616.00	68.32	76.56	6478.52
07/25/2008	6647.00	70.17	76.66	6489.50

Date	Depth	Dev/Inc	Dir/AZ	TVD
07/25/2008	6678.00	72.37	77.36	6499.45
07/25/2008	6709.00	74.57	78.29	6508.27
07/28/2008	6873.00	82.59	78.13	6538.20
07/29/2008	6965.00	89.89	81.66	6542.23
07/29/2008	6996.00	89.89	82.15	0.00
07/29/2008	7027.00	90.45	83.56	6543.00
07/29/2008	7057.00	90.50	84.81	6542.80
07/29/2008	7089.00	90.73	86.39	6543.94
07/29/2008	7118.00	990.45	86.80	6543.60
07/29/2008	7214.00	90.17	89.05	6543.10
07/29/2008	7245.00	89.83	898.06	6543.11
07/29/2008	7277.00	89.78	88.91	6543.21
07/29/2008	7309.00	88.04	89.34	6543.00
07/29/2008	7341.00	87.98	89.00	6544.93
07/30/2008	7515.00	88.21	90.22	6548.43
07/30/2008	7569.00	87.87	90.48	6549.52
07/30/2008	7500.00	86.70	89.79	6550.99
07/30/2008	6559.00	92.59	92.60	6554.43
07/30/2008	7691.00	92.07	92.84	6553.27
07/30/2008	7722.00	91.68	92.00	6552.26
07/31/2008	7799.00	92.42	91.89	6549.56
08/01/2008	7831.00	92.15	91.79	6548.29
08/01/2008	7863.00	89.60	89.23	6547.80
08/01/2008	7927.00	88.81	84.76	0.00
08/02/2008	8041.00	90.39	84.97	6549.52
08/02/2008	8073.00	90.11	85.10	6549.38
08/02/2008	8105.00	89.10	84.85	6549.60
08/02/2008	8136.00	88.88	84.54	6550.15
08/02/2008	8296.00	89.33	84.65	6553.53
08/03/2008	8313.00	88.71	84.67	6552.32
08/03/2008	8455.00	89.83	85.77	6554.80
08/03/2008	8487.00	89.83	85.61	6554.94
08/03/2008	8550.00	89.89	85.29	6555.12
08/03/2008	8582.00	90.00	85.23	6555.15
08/03/2008	8614.00	90.17	85.23	6555.10
08/03/2008	8646.00	90.28	85.18	6554.97
08/04/2008	8676.00	90.45	85.23	6564.00
08/04/2008	8710.00	90.56	85.25	6554.00
08/04/2008	8773.00	90.67	85.06	6554.00
08/04/2008	8805.00	990.11	86.21	6553.84
08/04/2008	8837.00	89.22	86.40	6554.03
08/04/2008	8869.00	89.16	86.74	6554.48
08/04/2008	8900.00	89.16	86.78	6554.94
08/04/2008	8932.00	89.89	86.89	6555.20
08/04/2008	8964.00	90.06	86.92	6555.21
08/04/2008	8996.00	90.11	86.90	6555.17
08/04/2008	9027.00	88.82	86.76	6555.46
08/04/2008	9059.00	88.94	86.78	6556.08
08/04/2008	9091.00	88.99	86.70	6556.66
08/05/2008	9123.00	89.10	86.71	6557.19
08/05/2008	9154.00	89.05	86.60	6557.69
08/05/2008	9186.00	89.16	86.74	6558.19
08/05/2008	9217.00	88.54	86.89	6558.82
08/05/2008	9249.00	88.38	86.63	6559.68
08/05/2008	9344.00	88.88	86.64	6562.23
08/05/2008	9375.00	89.38	86.85	6562.70
08/05/2008	9407.00	89.61	87.09	6562.99
08/05/2008	9439.00	89.61	87.12	6563.20
08/06/2008	9471.00	889.72	87.27	6563.39
08/06/2008	9503.00	89.66	87.59	6563.56
08/06/2008	9534.00	89.83	87.56	6563.70
08/06/2008	9629.00	90.50	87.30	6563.52
08/06/2008	9661.00	90.45	87.50	6563.26
08/06/2008	9693.00	90.62	87.42	6562.96
08/07/2008	9725.00	90.34	87.22	6562.69
08/07/2008	9757.00	90.17	87.06	6562.53
08/07/2008	9789.00	89.38	87.04	6562.67
08/07/2008	9852.00	88.49	87.12	6563.45
08/07/2008	9884.00	88.26	86.84	6564.36
08/07/2008	9916.00	87.65	86.99	6565.50

Date	Depth	Dev/Inc	Dir/AZ	TVD
08/08/2008	9948.00	87.65	86.96	6566.81
08/08/2008	9980.00	87.71	86.78	6568.08
08/08/2008	10012.00	87.70	86.53	6569.36
08/08/2008	10043.00	88.15	86.44	6570.48
08/08/2008	10107.00	88.82	86.50	6572.02
08/09/2008	10113.00	88.82	86.74	6572.95
08/09/2008	10170.00	88.82	86.50	6573.31
08/09/2008	10201.00	89.05	86.47	6573.89
08/09/2008	10233.00	88.66	86.42	6574.53
08/09/2008	10265.00	88.49	85.80	6575.33
08/09/2008	10297.00	88.54	85.59	6576.10
08/10/2008	10329.00	88.54	85.45	6576.97
08/10/2008	10360.00	88.54	85.22	6577.76
08/10/2008	10392.00	88.77	85.16	6578.51
08/10/2008	10456.00	88.82	84.94	6579.87
08/10/2008	10487.00	88.88	85.07	6580.49
08/10/2008	10550.00	89.05	85.26	6581.56
08/10/2008	10582.00	89.33	85.35	6582.01
08/10/2008	10646.00	89.55	85.06	6582.73
08/11/2008	10678.00	89.83	85.27	6582.90
08/11/2008	10710.00	89.78	85.26	0.00
08/11/2008	10741.00	89.94	85.29	6583.09
08/11/2008	10773.00	89.50	85.15	6583.24
# EOF				