

Submit to Office of the State Engineer
Office of the State Engineer
District I

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

District II
1625 N. French Dr., Hobbs, NM 88240
District III
1301 W. Grand Ave., Artesia, NM 88210
District IV
1000 Rio Pecos Blvd., Lordsburg, NM 87840
District V
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-39078
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-8144
7. Lease Name or Unit Agreement Name Arkansas State
8. Well Number 2
9. OGRID Number 013837
10. Pool Name or Wildcat Arkansas Junction; San Andres BONE SPRING
11. Elevation (Show whether DR, RKB, RT, GP etc.) 3765' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIALWORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/15/2008 Perforated 6,302-6,344' 85 holes.

9/16/2008 Acidized w/ 5,000 gals 15% HCL.

9/18/2008 Frac 8000# Liteprop, 30,744 gals 30# gel, 38,754# White Sand, 27,594 gals 40# gel,

9/19/2008 RIH w/ 196jts 2 7/8 tubing, SN @ 6,379', 2 1/2 x 2 x 24' pump.

Spud Date:

8/20/2008

Rig Release Date:

9/05/2008

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Jerry W. Sherrell

TITLE Production Clerk

DATE 9/29/2008

Type or print name Jerry W. Sherrell

E-mail address: jerrys@mackenergycorp.com

PHONE: 575-748-1288

For State Use Only

APPROVED BY:

[Signature]

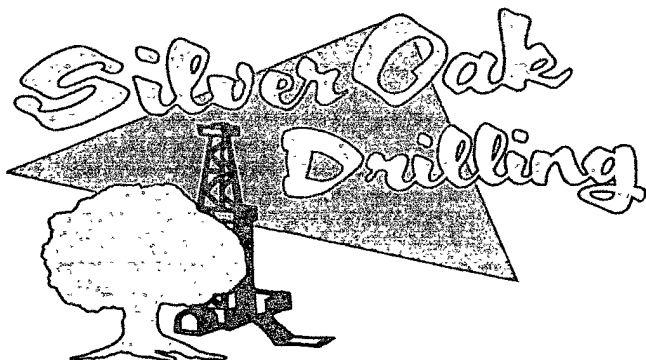
TITLE

PETROLEUM ENGINEER

DATE

OCT 23 2008

Conditions of Approval (if any):



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

September 11, 2008

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

30-025-39078

RE: Arkansas State #2
~~660' FNL & 660' FEL~~
Sec. 35, T18S, R36E
Lea County, New Mexico

Unit H
1650/N & 990/E

Dear Sir,

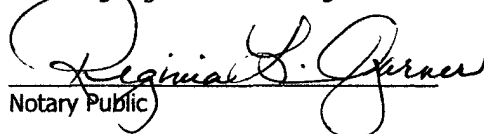
The attached is the Deviation Survey for the above captioned well.

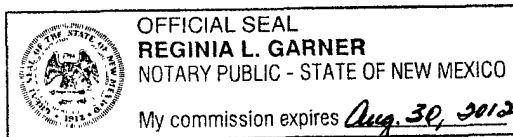
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 11th day of September, 2008.


Notary Public



DEPTH	DEV/INC	AZ	TVD
207.00	0.25		
575.00	0.25		
696.00	0.50		
820.00	0.75		
947.00	0.75		
1075.00	0.25		
1202.00	0.25		
1329.00	1.00		
1459.00	0.75		
1556.00	0.18	64.85	1606.00
1651.00	0.18	56.94	1701.00
1746.00	0.44	78.82	1796.00
1841.00	0.35	18.07	
1936.00	0.35	89.81	
2032.00	0.44	52.98	
2127.00	0.53	51.31	
2222.00	0.62	51.49	
2318.00	0.42	36.05	
2413.00	0.53	39.68	
2509.00	0.79	0.16	
2604.00	0.88	7.10	
2699.00	1.06	4.29	
2765.00	1.41	21.96	
2858.00	0.88	98.42	
2854.00	1.06	114.95	3004.00
3049.00	1.14	102.03	3099.00
3144.00	1.23	99.30	3194.00

DEPTH	DEV/INC	AZ	TVD
3239.00	0.88	85.77	
3335.00	0.79	92.62	
3430.00	0.88	84.98	
3526.00	.097	78.21	
3621.00	0.88	61.42	
3717.00	0.70	58.87	
3812.00	0.79	51.70	3862.00
3907.00	0.70	47.01	3957.00
4003.00	0.70	31.19	
4097.00	0.70	17.99	
4225.00	0.70	358.67	
4320.00	0.88	353.04	
4415.00	0.79	350.93	
4511.00	0.70	359.55	4561.00
4606.00	0.79	57.44	4656.00
4701.00	0.62	2.36	
4797.00	0.70	1229	
4892.00	0.62	355.59	
4993.00	0.62	357.08	
5083.00	0.62	4.29	5133.00
5200.00	0.62	64.49	5250.00
5448.00	1.25		5488.00
5639.00	1.25		
5861.00	1.00		
6020.00	0.75		
6306.00	2.00		
6402.00	1.00		

K2