



PO Box 1370
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NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 08 2015

RECEIVED

August 19, 2014

Memorial Resource Development LLC
1301 McKinney Street
Suite 2100
Houston, TX 77010

15- 41825

RE: North Square Lake Unit 203
1830' FSL & 1780' FEL
Sec. 32, T16S, R31E
Eddy County, New Mexico

Dear Sir,

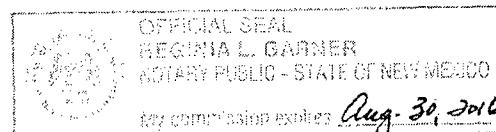
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 19th day of August, 2014.

Notary Public

North Square Lake Unit 203

Date	Depth	Deviation	Direction
8/11/2014	300	0.20	
8/11/2014	486	0.40	
8/12/2014	548	0.10	246.30
8/12/2014	580	0.10	176.80
8/12/2014	611	1.60	149.50
8/12/2014	674	4.40	144.70
8/12/2014	706	5.20	141.80
8/12/2014	737	5.50	141.90
8/13/2014	832	6.00	137.60
8/13/2014	926	7.00	125.60
8/13/2014	1021	7.30	126.90
8/13/2014	1116	8.40	115.10
8/13/2014	1210	9.70	116.60
8/13/2014	1304	10.40	119.40
8/13/2014	1399	12.90	121.30
8/13/2014	1493	16.70	122.70
8/13/2014	1588	17.40	123.00
8/13/2014	1777	20.20	125.80
8/13/2014	1872	19.40	125.70
8/13/2014	1966	20.00	125.70
8/14/2014	2060	21.00	123.00
8/14/2014	2155	20.00	123.60
8/14/2014	2249	20.00	117.00
8/14/2014	2343	19.00	116.30
8/14/2014	2438	18.30	118.60
8/14/2014	2533	19.70	118.60
8/14/2014	2627	20.40	121.00
8/14/2014	2721	19.50	121.30
8/14/2014	2816	18.60	121.10
8/15/2014	2911	18.70	124.70
8/15/2014	3005	18.90	119.70
8/15/2014	3099	19.60	119.20
8/15/2014	3194	20.90	120.70
8/15/2014	3289	20.40	121.50
8/15/2014	3383	19.90	122.00
8/15/2014	3478	19.40	121.20
8/15/2014	3573	19.10	122.20

WELL DATA SHEET

North Square Lake Unit #203

FIELD: North Square Lake

FORMATION: Grayburg/San Andres

LOC: 1830 FSL 1950 FEL
TOWNSHIP: 16 S
SURVEY: NA

BLOCK: 0
SEC: 32
COUNTY: Eddy
STATE: New Mexico

GL: 3907
DF: 17
KB: 3924

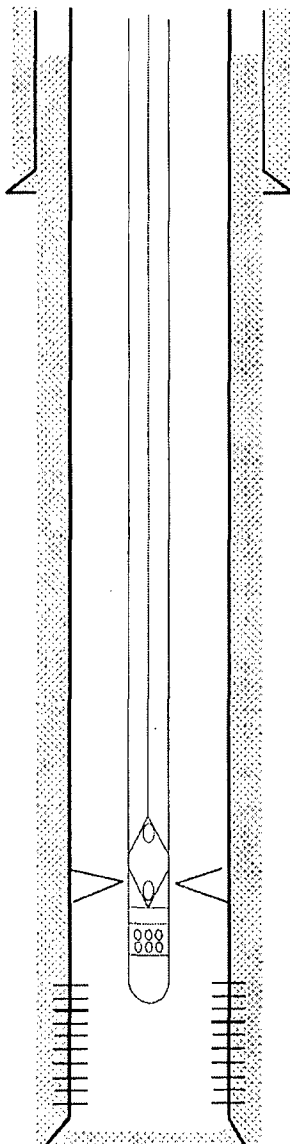
STATUS: New Drill
API NO: 30-015-41825
REFNO:
Spud: 08/11/14

TUBING DETAIL:

98jts 2-7/8" tbg
2-7/8" x 5-1/2" TAC
1 jts 2-7/8" tbg
SN
4' slotted sub
2-7/8" Mud jt w/ BP
TAC @ 3254'
SN @ 3287'

ROD DETAIL:

10' subs
9 7/8" Non Guided
14 7/8" Guided
2 7/8" Non Guided
10 7/8" Guided
2 7/8" Non Guided
10 7/8" Guided
2 7/8" Non Guided
10 7/8" Guided
6 7/8" Non Guided
2 7/8" Guided
2 7/8" Non Guided
12 7/8" Guided
8 7/8" Non Guided
8 7/8" Guided
14 7/8" Non Guided
2 7/8" Guided
4 7/8" Non Guided
12 1-1/2" kbars
2-1/2" x 1-1/2" x 20' RHBC w/HVR and on/off tool
10' Gas Anchor



Surface CSG

8-5/8" 24#, J-55
Set @ 510', cmt'd w/408 sxs
Circ Yes
12 1/4

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RECEIVED

Formation Tops

0	0
0	0
0	0
0	0

Production CSG

5-1/2" 17#, I-80
Set @ 3750', cmt'd w/700 sxs
No Circ.
7 7/8
No DV Tool Used

PERFS

Holes

Grayburg/SA 3300' - 3304'	8
Grayburg/SA 3342' - 3346'	8
Grayburg/SA 3374' - 3376'	6
Grayburg/SA 3400' - 3404'	8
Grayburg/SA 3422' - 3426'	12
Grayburg/SA 3449' - 3431'	6
Grayburg/SA 3450' - 3452'	6
Grayburg/SA 3462' - 3466'	12
Grayburg/SA 3520' - 3524'	8
Grayburg/SA 3550' - 3554'	8
Grayburg/SA 3574' - 3578'	8
Grayburg/SA 3598' - 3602'	8
Grayburg/SA 3630' - 3634'	8
Grayburg/SA 3664' - 3668'	8

PBTD 3745
TD 3750

Andrew Taghi
Date: 9/9/15