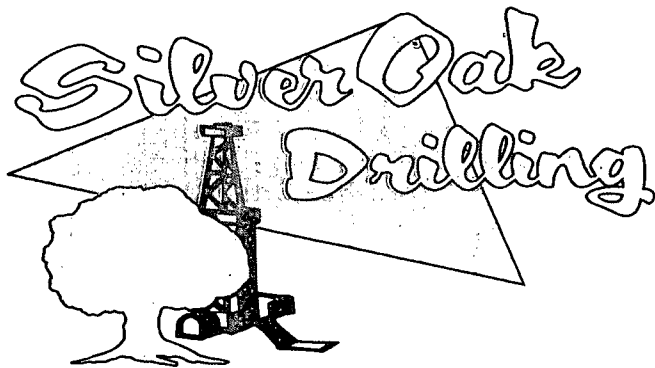




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 02 2014

May 6, 2014

30-015-42253

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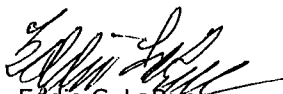
Yates Petroleum Corporation
105 S. 4th
Artesia, NM 88211-1395

RE: Boyd X State Com #14H
990' FNL & 15' FWL
Sec. 16, T19S, R25E
Eddy County, New Mexico

Dear Sir,

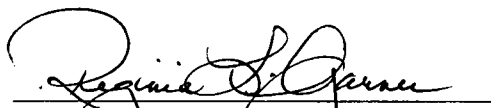
The attached is the Deviation Survey for the above captioned well.

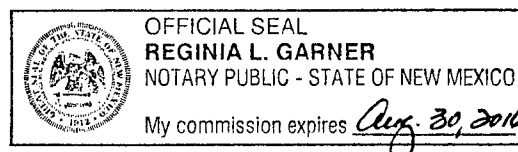
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 6th day of May, 2014.


Notary Public



Boyd X State Com 14H

Date	Depth	Deviation	Direction	TVD
4/16/2014	104	0.40	135.50	104.00
4/16/2014	195	0.80	159.80	194.99
4/16/2014	289	0.50	155.70	288.90
4/16/2014	300	0.49	112.26	299.99
4/16/2014	400	0.19	197.50	399.99
4/16/2014	500	0.39	204.80	499.99
4/16/2014	600	0.45	158.56	599.99
4/16/2014	700	0.94	171.42	699.98
4/17/2014	800	0.35	194.34	799.97
4/17/2014	900	0.75	166.00	899.97
4/17/2014	1000	1.62	214.28	999.94
4/22/2014	1100	1.49	230.44	1099.91
4/22/2014	1200	1.32	234.38	1199.88
4/23/2014	1300	0.81	238.39	1299.86
4/23/2014	1400	0.62	237.97	1399.85
4/23/2014	1500	0.53	245.46	1499.85
4/23/2014	1600	0.45	252.18	1599.85
4/23/2014	1700	0.54	233.90	1699.84
4/23/2014	1800	0.58	194.01	1799.84
4/23/2014	1900	0.38	207.23	1899.83
4/24/2014	2000	0.53	202.97	1999.83
4/27/2014	2062	1.00	192.10	2061.83
4/27/2014	2093	1.30	192.70	2092.82
4/27/2014	2125	4.30	92.70	2124.79
4/27/2014	2157	11.90	83.60	2156.45
4/27/2014	2188	20.40	79.20	2186.20
4/27/2014	2220	25.60	75.90	2215.64
4/27/2014	2252	27.40	75.60	2244.28
4/27/2014	2283	29.40	77.90	2271.55
4/27/2014	2315	32.60	81.50	2298.98
4/27/2014	2347	35.40	84.70	2325.51
4/28/2014	2378	38.40	85.80	2350.00
4/28/2014	2410	42.50	85.80	2374.00
4/28/2014	2442	45.80	86.40	2397.00
4/28/2014	2473	48.60	87.40	2418.00
4/28/2014	2505	51.03	88.60	2439.00
4/28/2014	2537	53.90	88.80	2458.00
4/28/2014	2569	57.20	88.20	2476.68
4/28/2014	2600	60.30	88.00	2492.86
4/28/2014	2632	63.20	87.10	2508.01
4/28/2014	2664	66.20	86.90	2521.68
4/28/2014	2695	69.50	87.80	2533.37
4/28/2014	2727	72.70	87.30	2543.73

Date	Depth	Deviation	Direction	TVD
4/28/2014	2758	76.80	87.70	2551.88
4/28/2014	2790	80.80	87.50	2558.10
4/28/2014	2822	83.90	87.80	2562.36
4/29/2014	2843	85.30	88.30	2564.00
4/29/2014	2874	88.40	89.20	2566.00
4/29/2014	2938	88.60	88.80	2567.00
4/29/2014	3033	88.60	87.40	2570.03
4/29/2014	3128	89.10	89.00	2574.91
4/29/2014	3222	89.80	89.40	2572.84
4/29/2014	3317	89.80	89.10	2573.17
4/29/2014	3412	90.20	89.30	2573.17
4/29/2014	3507	89.60	89.20	2573.34
4/29/2014	3602	89.40	89.30	2573.84
4/29/2014	3697	88.90	89.10	2575.58
4/30/2014	3792	88.50	89.70	2577.00
4/30/2014	3887	88.10	89.90	2580.00
4/30/2014	3982	88.00	90.80	2583.00
4/30/2014	4077	88.40	89.60	2586.00
4/30/2014	4172	88.90	88.80	2589.00
4/30/2014	4267	88.80	88.70	2590.91
4/30/2014	4362	88.80	88.60	2592.90
4/30/2014	4457	88.20	87.40	2595.39
4/30/2014	4553	88.50	88.40	2598.15
4/30/2014	4648	88.40	87.60	2600.72
4/30/2014	4743	88.00	88.50	2603.71
4/30/2014	4838	89.00	89.10	2606.19
4/30/2014	4933	89.90	89.30	2607.11
5/1/2014	5028	89.40	88.30	2611.83
5/1/2014	5123	90.70	90.30	2615.89
5/1/2014	5218	90.30	90.10	2615.06
5/1/2014	5313	89.80	89.60	2606.69
5/1/2014	5408	88.90	88.60	2607.77
5/1/2014	5503	88.60	90.00	2609.84
5/1/2014	5598	88.00	89.20	2612.66
5/1/2014	5693	89.20	88.10	2614.98
5/1/2014	5789	89.60	84.60	2615.99
5/1/2014	5884	89.20	84.60	2616.98
5/1/2014	5979	89.70	82.60	2617.89
5/2/2014	6074	89.50	80.00	2618.36
5/2/2014	6169	87.60	78.90	2620.96
5/2/2014	6264	87.00	78.40	2625.44
5/2/2014	6359	87.40	80.30	2630.08
5/2/2014	6453	88.80	81.30	2633.19
5/2/2014	6548	89.80	81.90	2634.35
5/2/2014	6642	89.00	81.30	2635.34

Date	Depth	Deviation	Direction	TVD
5/2/2014	6738	90.50	82.10	2635.76
5/2/2014	6832	89.90	82.40	2635.43
5/2/2014	6928	88.80	81.70	2636.52
5/2/2014	7023	90.00	81.00	2637.51
5/2/2014	7118	91.40	80.80	2636.35
5/3/2014	7213	90.80	79.90	2634.53
5/3/2014	7286	90.20	78.90	2633.89
5/4/2014	7350	90.20	78.90	2633.67

Phoenix Technology Services SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER

1410510

OPERATOR

Yates Petroleum

WELL NAME

Boyd X State Com #14H

COUNTY & STATE

Eddy Co., NM

API WELL NUMBER

30-015-42253

PROPOSED DIRECTION

86.38

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
ft	.00 ft	.0 ft	.0 ft	.00 ft	.00 ft	Surface

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
27-Apr-14	2,062 ft	1.0	192.1

SURVEY INSTRUMENT TYPE
Phoenix MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
3-May-14	7,286 ft	90.2	78.5

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
3-May-14	7,350 ft	90.2	78.5

James Garber

PRINT YOUR NAME ABOVE

James Garber

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.7
DECLINATION OR GRID	GRID

5/3/2014

TODAY'S DATE

MWD SUPERVISOR 1

James Garber

DIRECTIONAL DRILLER 1

Brian Terrell

MWD SUPERVISOR 2

David Puente

DIRECTIONAL DRILLER 2

Daniel Scott

1805 Brittmore Road

Houston, Texas 77043

(713)3370609 (Voice), (713)337-0599 (Fax)