

30-015-44818



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

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JUN 19 2019

DISTRICT II-ARTESIA O.C.D.

February 12, 2019

Judah Oil, LLC
PO Box 568
Artesia, NM 88211-0568

RE: Mile Marker 5 State SWD 1
660' FNL & 2310' FWL
Sec. 10, T26S, R28E
Eddy County, New Mexico

Dear Sir,

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

Very truly yours,

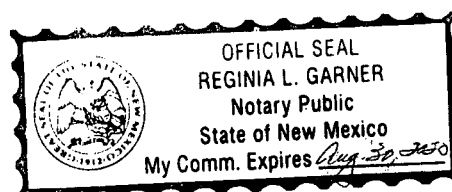
A handwritten signature in cursive script, appearing to read "Chris Graham".

Chris Graham
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 12th day of February, 2019.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

Notary Public

Mile Marker 5 State SWD 1

Tour Date	Depth	Dev	Dir
11/17/2018	268	1.40	
11/20/2018	621	0.40	
11/20/2018	801	1.50	
11/20/2018	926	1.30	
11/20/2018	1052	1.00	
11/21/2018	1211	0.60	
11/21/2018	1367	0.20	
11/21/2018	1556	1.10	
11/21/2018	1714	2.40	
11/21/2018	1810	2.30	
11/21/2018	1967	2.50	
11/22/2018	2086	1.60	
11/22/2018	2253	2.20	
11/22/2018	2389	3.00	
11/25/2018	2497	2.80	288.00
11/25/2018	2689	1.80	89.00
11/26/2018	3110	1.50	
11/26/2018	3200	0.30	
11/27/2018	3276	0.40	
11/27/2018	3441	0.50	
11/27/2018	3628	0.40	309.00
11/27/2018	3817	0.40	239.00
11/27/2018	4003	0.10	277.00
11/28/2018	4197	0.40	
11/28/2018	4383	0.60	
11/28/2018	4571	0.30	
11/28/2018	4819	0.40	204.00
11/28/2018	5008	0.50	88.00
11/30/2018	5141	0.20	
11/30/2018	5298	0.30	
11/30/2018	5391	0.10	
11/30/2018	5582	0.70	
12/1/2018	5770	0.90	
12/2/2018	5927	0.50	
12/2/2018	6085	0.90	
12/3/2018	6211	1.10	
12/3/2018	6369	1.90	
12/3/2018	6494	2.00	
12/3/2018	6652	1.60	
12/4/2018	6809	2.10	
12/4/2018	6967	1.70	
12/4/2018	7153	2.50	
12/5/2018	7310	2.70	
12/5/2018	7405	1.70	



Tour Date	Depth	Dev	Dir
12/5/2018	7500	1.80	
12/6/2018	7610	1.60	154.00
12/7/2018	7637	1.50	195.00
12/8/2018	7855	2.20	185.00
12/8/2018	7943	2.70	180.00
12/9/2018	8031	2.80	184.50
12/12/2018	8138	2.40	179.00
12/12/2018	8263	2.20	186.20
12/12/2018	8388	1.60	
12/12/2018	8483	1.20	
12/14/2018	8517	1.10	208.10
12/14/2018	8612	1.40	208.00
12/14/2018	8707	1.30	193.80
12/14/2018	8802	1.40	200.70
12/14/2018	8896	1.40	207.70
12/15/2018	8989	1.60	203.20
12/15/2018	9085	1.40	211.20
12/15/2018	9178	1.20	208.20
12/15/2018	9272	1.50	203.20
12/15/2018	9366	1.70	199.50
12/15/2018	9460	1.70	196.90
12/16/2018	9554	1.30	192.80
12/16/2018	9665	1.30	213.00
12/22/2018	9817	1.40	207.30
12/22/2018	9912	1.40	225.60
12/22/2018	10101	1.40	242.10
12/22/2018	10196	1.80	
12/23/2018	10291	0.70	183.70
12/23/2018	10385	0.50	292.00
12/23/2018	10480	0.70	259.30
12/23/2018	10574	0.90	234.00
12/23/2018	10765	0.50	134.10
12/23/2018	10860	0.50	166.50
12/24/2018	10860	0.50	166.50
12/24/2018	10956	0.90	182.70
12/24/2018	11051	1.10	228.70
12/24/2018	11146	0.50	181.60
12/25/2018	11337	0.90	109.70
12/25/2018	11432	1.10	126.40
12/25/2018	11527	0.70	139.40
12/25/2018	11622	0.40	157.70
12/25/2018	11813	0.40	155.20
12/26/2018	11097	0.40	166.10
12/27/2018	12010	0.50	193.30
12/27/2018	12105	0.50	193.60
12/28/2018	12197	0.50	171.10
12/29/2018	12295	0.50	170.40

Tour Date	Depth	Dev	Dir
12/30/2018	12389	0.40	167.20
12/30/2018	12482	0.50	167.20
12/30/2018	12578	0.40	141.50
1/1/2019	12673	0.50	165.80
1/1/2019	12764	0.40	157.30
1/2/2019	12862	0.40	156.60
1/2/2019	12957	0.40	133.40
1/3/2019	13050	0.40	357.00
1/4/2019	13140	0.20	323.30
1/4/2019	13241	0.40	218.50
1/5/2019	13336	0.40	231.90
1/6/2019	13431	0.70	239.30
1/8/2019	13557	0.70	211.10
1/9/2019	13620	0.50	210.10
1/9/2019	13714	0.90	210.80
1/9/2019	13809	0.90	221.30
1/10/2019	13903	0.90	206.90
1/10/2019	13997	1.10	208.70
1/10/2019	14029	1.10	212.50
1/10/2019	14092	1.20	196.00
1/11/2019	14186	1.40	165.10
1/11/2019	14326	1.40	147.00
1/11/2019	14344	1.40	147.00
1/12/2019	14376	1.20	165.10
1/12/2019	14471	1.60	176.10
1/14/2019	14566	1.10	163.00
1/14/2019	14693	1.60	148.00
2/1/2019	14345	3.00	294.10
2/1/2019	14408	3.00	124.80
2/1/2019	14469	3.00	193.60
2/2/2019	14566	2.80	195.00
2/2/2019	14661	2.60	176.30
2/7/2019	14804	1.90	146.10
2/7/2019	14900	1.80	143.60
2/7/2019	14995	1.80	161.40
2/7/2019	15089	1.40	176.00
2/7/2019	15184	1.60	177.00
2/7/2019	15278	1.80	182.30
2/8/2019	15372	1.90	193.20
2/8/2019	15467	1.90	198.50
2/8/2019	15657	2.10	193.20
2/8/2019	15756	1.90	192.90