



State of New Mexico
County of Eddy

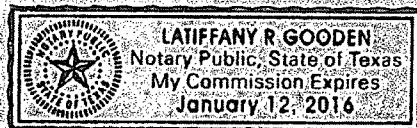
30-015-42057

I, Michael K. Baber, certify that: I am employed by Terra Directional Services LLC; that I did on the day(s) of 3/5/14 through 3/13/14 conduct or supervise the taking of a MWD survey from a depth of 7475 feet to a depth 12702 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Terra Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of Concho Oil & Gas for the SRO State Unit 61H Well API 30-015-42057 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Terra Directional Services LLC.


Michael K. Baber
MWD Operations Coordinator

State of Texas
County of Brewer

Before me, a notary public, on this day personally appeared Michael K. Baber, known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.




Notary Public's Signature

8610 N New Braunfels, Suite 405

San Antonio, Texas 78217

(210) 826-2022



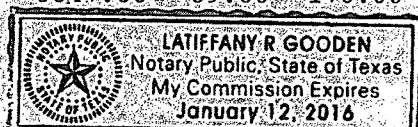
Customer Name: Concho Oil & Gas
Well Name: SRO State Unit #61H
API Number: 30-015-42057
County / Parish: Eddy Co New Mexico

M.W.D. Operator: L. Natividad
Directional Driller: D. Hale
Total Magnetic Correction: 7.34
Job #: NM-418

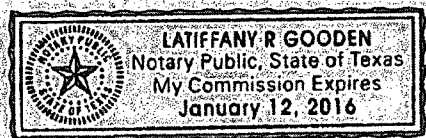
Vertical Section: 176.69

Tie In Survey(s) Provided By:

	Meas. Depth	Inc.	Azm.	T.V.D.	Ver. Sect.	+N/-S	+E/-W	Dist.	Angle	DLS
Tie - In										
0	7420.01	1.10	200.88	7419.30	33.40	-33.20	3.70	33.41	0.00	0.00
1	7475.00	0.50	166.90	7474.28	34.08	-33.93	3.57	34.11	174.00	1.35
2	7507.00	1.10	159.60	7506.28	34.51	-34.35	3.70	34.55	173.84	1.90
3	7539.00	4.50	168.50	7538.24	36.04	-35.87	4.06	36.10	173.54	10.68
4	7571.00	8.70	173.30	7570.02	39.70	-39.50	4.60	39.77	173.37	13.23
5	7603.00	13.10	175.20	7601.43	45.75	-45.53	5.18	45.82	173.51	13.79
6	7635.00	17.30	177.50	7632.31	54.13	-53.90	5.69	54.20	173.97	13.26
7	7667.00	20.10	179.40	7662.62	64.39	-64.15	5.96	64.43	174.69	8.95
8	7699.00	22.20	180.70	7692.46	75.91	-75.69	5.94	75.93	175.51	6.72
9	7731.00	24.40	179.10	7721.85	88.55	-88.35	5.97	88.55	176.13	7.15
10	7763.00	26.60	176.10	7750.73	102.32	-102.11	6.56	102.32	176.32	7.97
11	7795.00	30.00	173.30	7778.90	117.47	-117.21	7.98	117.48	176.10	11.40
12	7827.00	33.60	173.10	7806.09	134.30	-133.95	9.98	134.32	175.74	11.25
13	7859.00	37.10	175.60	7832.19	152.79	-152.37	11.79	152.82	175.58	11.83
14	7891.00	40.40	177.50	7857.15	172.82	-172.36	12.98	172.84	175.69	10.96
15	7923.00	44.60	178.40	7880.73	194.43	-193.96	13.75	194.44	175.95	13.26
16	7955.00	49.00	178.90	7902.63	217.73	-217.27	14.29	217.74	176.24	13.80
17	7988.00	53.00	179.10	7923.40	243.35	-242.91	14.74	243.35	176.53	12.13
18	8020.00	55.70	179.40	7942.05	269.33	-268.91	15.08	269.33	176.79	8.47
19	8052.00	57.70	179.10	7959.61	296.05	-295.65	15.43	296.05	177.01	6.30
20	8082.00	60.20	179.10	7975.09	321.72	-321.34	15.83	321.73	177.18	8.33
21	8114.00	63.00	179.40	7990.31	349.84	-349.49	16.20	349.86	177.35	8.79
22	8146.00	65.10	179.80	8004.31	378.58	-378.26	16.40	378.61	177.52	6.66
23	8178.00	66.40	180.00	8017.45	407.71	-407.44	16.45	407.77	177.69	4.10
24	8210.00	68.10	180.10	8029.82	437.16	-436.94	16.42	437.25	177.85	5.32
25	8241.00	70.20	180.00	8040.86	466.08	-465.91	16.40	466.20	177.98	6.78
26	8273.00	71.80	179.50	8051.28	496.29	-496.17	16.53	496.44	178.09	5.21
27	8305.00	72.80	179.30	8061.00	526.75	-526.65	16.85	526.92	178.17	3.18
28	8337.00	74.00	179.30	8070.15	557.38	-557.31	17.23	557.58	178.23	3.75
29	8369.00	75.80	178.90	8078.48	588.25	-588.20	17.71	588.47	178.28	5.75
30	8401.00	78.00	178.30	8085.73	619.39	-619.36	18.47	619.64	178.29	7.11
31	8433.00	79.50	177.80	8091.98	650.77	-650.73	19.54	651.02	178.28	4.93
32	8465.00	80.40	176.90	8097.56	682.28	-682.20	21.00	682.52	178.24	3.95
33	8497.00	81.20	176.00	8102.68	713.86	-713.73	22.95	714.10	178.16	3.74
34	8529.00	82.60	175.80	8107.19	745.54	-745.33	25.22	745.75	178.06	4.42
35	8561.00	85.20	176.00	8110.59	777.35	-777.06	27.49	777.55	177.97	8.15
36	8593.00	87.40	176.30	8112.65	809.28	-808.92	29.64	809.46	177.90	6.94
37	8625.00	87.80	176.40	8113.99	841.25	-840.83	31.67	841.42	177.84	1.29
38	8657.00	87.80	176.30	8115.22	873.23	-872.74	33.71	873.39	177.79	0.31
39	8753.00	89.30	176.10	8117.65	969.19	-968.49	40.07	969.32	177.63	1.58
40	8847.00	89.60	176.00	8118.55	1063.18	-1062.27	46.54	1063.29	177.49	0.34



41	8940.00	89.70	175.10	8119.12	1156.16	-1154.98	53.76	1156.23	177.34	0.97
42	9034.00	88.80	176.00	8120.35	1250.13	-1248.69	61.05	1250.18	177.20	1.35
43	9127.00	89.90	175.60	8121.40	1343.11	-1341.43	67.86	1343.15	177.10	1.26
44	9221.00	89.50	175.70	8121.90	1437.10	-1435.16	74.99	1437.12	177.01	0.44
45	9314.00	88.80	176.30	8123.28	1530.08	-1527.92	81.48	1530.09	176.95	0.99
46	9408.00	90.30	176.60	8124.02	1624.07	-1621.74	87.30	1624.09	176.92	1.63
47	9502.00	90.20	175.50	8123.60	1718.06	-1715.51	93.77	1718.07	176.87	1.18
48	9595.00	91.40	175.10	8122.31	1811.03	-1808.19	101.39	1811.03	176.79	1.36
49	9689.00	89.10	175.80	8121.90	1905.00	-1901.88	108.85	1905.00	176.72	2.56
50	9782.00	89.30	175.50	8123.19	1997.97	-1994.61	115.90	1997.97	176.67	0.39
51	9876.00	90.00	174.80	8123.77	2091.93	-2088.27	123.85	2091.94	176.61	1.05
52	9969.00	89.60	175.20	8124.09	2184.89	-2180.91	131.96	2184.90	176.54	0.61
53	10063.00	90.00	177.10	8124.42	2278.88	-2274.70	138.27	2278.89	176.52	2.07
54	10157.00	91.20	177.10	8123.44	2372.87	-2368.57	143.02	2372.88	176.54	1.28
55	10251.00	88.30	176.40	8123.85	2466.86	-2462.41	148.35	2466.87	176.55	3.17
56	10345.00	88.80	176.40	8126.23	2560.83	-2556.19	154.25	2560.84	176.55	0.53
57	10439.00	89.60	176.00	8127.54	2654.82	-2649.97	160.48	2654.83	176.53	0.95
58	10532.00	90.90	176.10	8127.13	2747.81	-2742.75	166.89	2747.82	176.52	1.40
59	10626.00	90.60	177.40	8125.90	2841.80	-2836.59	172.22	2841.81	176.53	1.42
60	10720.00	90.70	177.40	8124.84	2935.79	-2930.49	176.48	2935.79	176.55	0.11
61	10814.00	87.30	177.60	8126.48	3029.75	-3024.37	180.58	3029.75	176.58	3.62
62	10908.00	89.30	179.00	8129.26	3123.66	-3118.28	183.37	3123.66	176.63	2.60
63	11002.00	91.30	179.70	8128.77	3217.55	-3212.27	184.43	3217.56	176.71	2.25
64	11096.00	92.10	179.20	8125.98	3311.40	-3306.22	185.33	3311.41	176.79	1.00
65	11190.00	92.00	178.20	8122.62	3405.28	-3400.13	187.46	3405.30	176.84	1.07
66	11283.00	88.40	176.70	8122.30	3498.26	-3493.02	191.60	3498.27	176.86	4.19
67	11377.00	89.20	176.40	8124.27	3592.24	-3586.83	197.26	3592.25	176.85	0.91
68	11470.00	90.30	176.40	8124.67	3685.23	-3679.64	203.10	3685.25	176.84	1.18
69	11564.00	91.40	176.40	8123.28	3779.22	-3773.45	209.00	3779.23	176.83	1.17
70	11657.00	90.20	176.10	8121.98	3872.21	-3866.24	215.08	3872.22	176.82	1.33
71	11751.00	89.20	175.70	8122.47	3966.19	-3959.99	221.80	3966.20	176.79	1.15
72	11844.00	90.40	175.90	8122.80	4059.18	-4052.74	228.61	4059.18	176.77	1.31
73	11937.00	88.50	176.40	8123.69	4152.17	-4145.52	234.86	4152.17	176.76	2.11
74	12031.00	88.90	175.70	8125.82	4246.14	-4239.28	241.33	4246.14	176.74	0.86
75	12126.00	90.00	175.50	8126.73	4341.11	-4333.99	248.62	4341.11	176.72	1.18
76	12221.00	91.30	175.20	8125.65	4436.08	-4428.67	256.32	4436.08	176.69	1.40
77	12315.00	90.30	175.30	8124.34	4530.04	-4522.34	264.10	4530.04	176.66	1.07
78	12408.00	88.90	175.70	8124.99	4623.01	-4615.04	271.40	4623.02	176.63	1.57
79	12502.00	91.50	176.40	8124.66	4717.00	-4708.81	277.87	4717.00	176.62	2.86
80	12594.00	89.80	176.70	8123.62	4808.99	-4800.64	283.41	4808.99	176.62	1.88
81	12655.00	89.00	176.80	8124.26	4869.99	-4861.53	286.87	4869.99	176.62	1.32
PTB	12702.00	89.00	176.80	8125.08	4916.98	-4908.45	289.49	4916.98	176.62	0.00





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

March 14, 2014

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: SRO State Unit #61H
90' FNL & 2310' FEL
Sec. 15, T26S, R28E
Eddy County, New Mexico

Dear Sir,

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

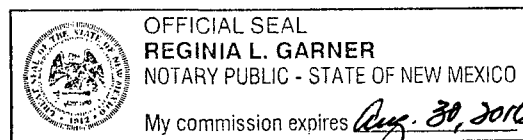
Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 14th day of March, 2014.

Notary Public



NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 12 2014

RECEIVED

NM OIL CONSERVATION
ARTESIA DISTRICT

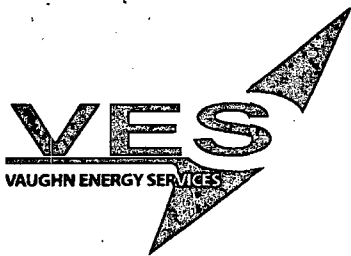
JUN 12 2014

RECEIVED

SRO State Unit #61H

Date	Depth	Deviation	Direction	TVD	Horiz Disp
2/27/2014	150	0.20	0.00	0.00	0.00
2/27/2014	411	0.70	0.00	0.00	0.00
2/28/2014	645	1.80	0.00	0.00	0.00
3/1/2014	752	1.10	230.00	0.00	0.00
3/1/2014	917	0.60	221.00	0.00	0.00
3/2/2014	1188	0.90	0.00	1223.00	0.00
3/2/2014	1434	0.50	0.00	1469.00	0.00
3/2/2014	1709	0.10	148.50	0.00	0.00
3/2/2014	1984	0.10	51.50	0.00	0.00
3/2/2014	2137	0.90	54.50	0.00	0.00
3/2/2014	2546	0.80	269.50	0.00	0.00
3/4/2014	2809	0.20	210.00	0.00	0.00
3/4/2014	3210	0.20	236.00	0.00	0.00
3/4/2014	3515	0.30	171.00	0.00	0.00
3/4/2014	3704	0.40	190.00	0.00	0.00
3/5/2014	4025	0.00	233.50	0.00	0.00
3/5/2014	4281	0.60	216.50	0.00	0.00
3/5/2014	4537	1.00	169.50	0.00	0.00
3/5/2014	4778	1.10	202.00	0.00	0.00
3/5/2014	5035	1.10	199.00	0.00	0.00
3/5/2014	5258	0.40	253.00	0.00	0.00
3/5/2014	5625	0.80	0.00	0.00	0.00
3/5/2014	5977	1.00	0.00	0.00	0.00
3/6/2014	6073	1.30	137.00	6108.00	0.00
3/6/2014	6329	0.60	142.50	6364.00	0.00
3/6/2014	6570	1.70	73.00	0.00	0.00
3/6/2014	6826	38.00	151.00	0.00	0.00
3/6/2014	7129	0.80	88.50	0.00	0.00
3/6/2014	7385	0.80	199.50	0.00	0.00
3/6/2014	7464	0.70	151.00	0.00	0.00
3/8/2014	7507	1.10	159.60	0.00	0.00
3/8/2014	7539	4.50	168.50	0.00	0.00
3/8/2014	7571	8.70	173.30	0.00	0.00
3/8/2014	7603	13.10	175.20	0.00	0.00
3/8/2014	7635	17.30	177.50	7632.00	0.00
3/8/2014	7667	20.10	179.40	7662.00	0.00
3/8/2014	7699	22.20	180.70	7692.00	0.00
3/8/2014	7731	24.40	179.10	7721.00	0.00
3/8/2014	7763	26.60	176.10	7750.00	0.00
3/8/2014	7795	30.00	173.30	7778.00	0.00
3/8/2014	7827	33.60	173.10	7806.00	134.30
3/8/2014	8020	55.70	179.40	7942.00	269.30
3/9/2014	8082	60.20	179.10	0.00	0.00

Date	Depth	Deviation	Direction	TVD	Horiz Disp
3/9/2014	8114	63.00	179.40	0.00	0.00
3/9/2014	8146	65.10	179.80	0.00	0.00
3/9/2014	8178	66.40	180.00	0.00	0.00
3/9/2014	8210	68.10	180.10	0.00	0.00
3/9/2014	8273	71.80	179.50	0.00	0.00
3/10/2014	8465	80.40	176.90	8097.00	0.00
3/10/2014	8497	81.20	176.00	8102.00	0.00
3/10/2014	8657	87.80	176.30	8115.00	0.00
3/10/2014	8847	89.60	176.00	8118.00	0.00
3/10/2014	8940	89.60	176.00	8118.00	0.00
3/10/2014	9034	88.80	176.00	8120.00	0.00
3/10/2014	9221	89.50	175.70	8121.00	0.00
3/10/2014	9314	88.80	176.30	8123.00	0.00
3/10/2014	9408	90.30	176.60	0.00	0.00
3/10/2014	9502	90.20	175.50	0.00	0.00
3/10/2014	9782	89.30	175.50	0.00	0.00
3/10/2014	9876	90.00	174.80	0.00	0.00
3/11/2014	10063	90.00	177.10	8124.00	2278.00
3/11/2014	10251	88.30	176.40	8123.00	2466.00
3/11/2014	10673	90.60	177.40	8125.00	0.00
3/11/2014	10814	88.30	176.60	8126.00	0.00
3/11/2014	10820	90.70	177.40	8124.00	0.00
3/11/2014	10908	9.30	179.00	8129.00	0.00
3/11/2014	11002	91.30	179.70	8128.00	0.00
3/11/2014	11190	92.00	178.20	0.00	0.00
3/11/2014	11377	89.20	176.40	0.00	0.00
3/11/2014	11470	90.30	176.40	0.00	0.00
3/12/2014	11657	90.20	176.10	8812.00	0.00
3/12/2014	12126	90.90	175.50	8126.00	0.00
3/12/2014	12268	91.30	175.20	8125.00	0.00
3/12/2014	12315	90.30	175.30	8124.00	0.00
3/12/2014	12408	88.90	175.70	8124.00	0.00
3/12/2014	12502	91.50	176.40	8124.00	0.00
3/12/2014	12594	89.80	176.70	0.00	0.00
3/12/2014	12655	89.00	176.80	0.00	0.00



A GYRO TECHNOLOGIES INC. COMPANY

P.O. Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

March 26, 2014

Concho Resources, Inc.
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 12 2014

RECEIVED

Attn: Kanicia Castillo

RE: **SRO State Unit No. 061H**

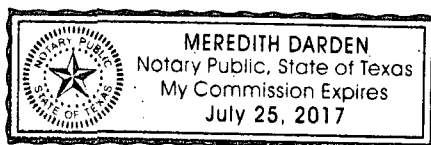
Please find enclosed a copy of the survey from 0.00' to 7420.00' ran on the above referenced well.

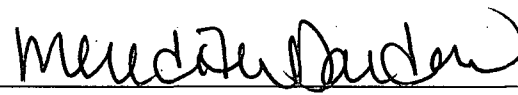
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 26th day of March, A.D., 2014, by Keith Havelka.




Meredith Darden
Notary Public, State of Texas



Company: COG Operating, LLC (Concho)

Lease/Well: SRO State Unit /No. 061H

Location: Sec15 T26S R28E

Rig Name: Silver Oak #1

State/County: New Mexico/Eddy

Latitude: 32.05, Longitude: -104.07

GRID North is 0.14 Degrees East of True North

VS-Azi: 0.00 Degrees



Depth Reference : RKB = 19 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ...nit #61h gyro survey-de_01.ut

Minimum Curvature Method

Report Date/Time: 3/26/2014 / 13:56

Vaughn Energy Services

West, Texas

432-563-5444

Surveyor: Chris Bankson

SRO Sate Unit No. 061H / API 30-015-42057

RECEIVED
JUN 12 2014
ARTISTIA DISTRICT
N.M. OIL CONSERVATION

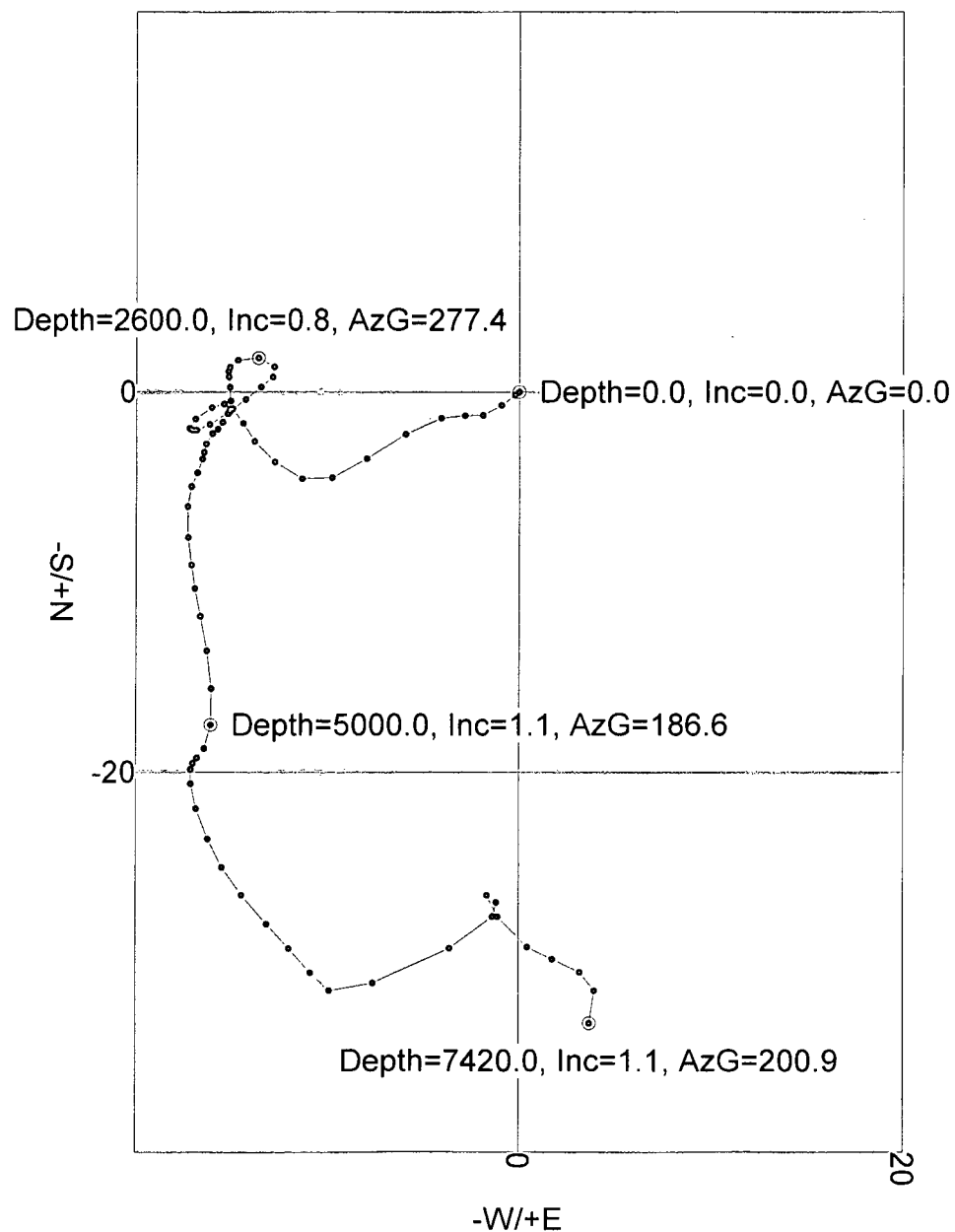
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.32	231.59	100.00	-0.18	-0.22	-0.18	0.28	231.59	0.32
200.00	0.68	232.73	200.00	-0.71	-0.91	-0.71	1.16	232.17	0.35
300.00	0.59	252.60	299.99	-1.22	-1.88	-1.22	2.24	236.92	0.24
400.00	0.53	286.61	399.98	-1.24	-2.81	-1.24	3.08	246.13	0.33
500.00	0.96	252.48	499.98	-1.37	-4.06	-1.37	4.28	251.40	0.60
600.00	1.38	240.01	599.96	-2.22	-5.91	-2.22	6.31	249.39	0.49
700.00	1.36	235.15	699.93	-3.50	-7.92	-3.50	8.66	246.16	0.12
800.00	1.01	248.41	799.91	-4.50	-9.71	-4.50	10.71	245.13	0.45
900.00	0.92	289.50	899.89	-4.56	-11.29	-4.56	12.17	248.01	0.68
1000.00	1.06	311.32	999.88	-3.68	-12.74	-3.68	13.26	253.88	0.40
1100.00	0.68	321.66	1099.87	-2.60	-13.80	-2.60	14.04	259.31	0.41
1200.00	0.62	335.48	1199.86	-1.65	-14.39	-1.65	14.49	263.47	0.17
1300.00	0.48	309.10	1299.86	-0.89	-14.94	-0.89	14.97	266.59	0.29
1400.00	0.14	272.39	1399.85	-0.62	-15.39	-0.62	15.40	267.68	0.37
1500.00	0.63	248.78	1499.85	-0.82	-16.02	-0.82	16.04	267.08	0.50
1600.00	0.62	221.22	1599.85	-1.43	-16.89	-1.43	16.95	265.18	0.30
1700.00	0.12	142.70	1699.84	-1.92	-17.19	-1.92	17.29	263.63	0.61
1800.00	0.11	94.34	1799.84	-2.01	-17.03	-2.01	17.14	263.27	0.09

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	0.12	85.76	1899.84	-2.01	-16.82	-2.01	16.94	263.19	0.02
2000.00	0.73	62.81	1999.84	-1.71	-16.15	-1.71	16.24	263.96	0.62
2100.00	0.69	52.53	2099.83	-1.05	-15.10	-1.05	15.14	266.01	0.13
2200.00	0.53	51.12	2199.83	-0.40	-14.27	-0.40	14.27	268.40	0.16
2300.00	0.67	51.37	2299.82	0.26	-13.45	0.26	13.46	271.09	0.15
2400.00	0.27	42.78	2399.82	0.79	-12.84	0.79	12.86	273.53	0.41
2500.00	0.43	345.88	2499.82	1.33	-12.77	1.33	12.84	275.93	0.36
2600.00	0.84	277.36	2599.81	1.78	-13.59	1.78	13.71	277.47	0.79
2700.00	0.47	238.94	2699.80	1.66	-14.67	1.66	14.77	276.47	0.56
2800.00	0.18	204.71	2799.80	1.31	-15.09	1.31	15.15	274.96	0.34
2900.00	0.10	185.98	2899.80	1.08	-15.17	1.08	15.21	274.05	0.09
3000.00	0.22	170.61	2999.80	0.80	-15.15	0.80	15.17	273.01	0.12
3100.00	0.42	174.79	3099.80	0.24	-15.08	0.24	15.08	270.93	0.20
3200.00	0.40	178.96	3199.80	-0.47	-15.04	-0.47	15.05	268.22	0.04
3300.00	0.12	205.92	3299.80	-0.91	-15.08	-0.91	15.11	266.56	0.30
3400.00	0.18	206.26	3399.80	-1.14	-15.20	-1.14	15.24	265.70	0.07
3500.00	0.42	212.78	3499.80	-1.60	-15.47	-1.60	15.55	264.10	0.24
3600.00	0.08	222.53	3599.79	-1.96	-15.71	-1.96	15.84	262.89	0.35
3700.00	0.36	232.24	3699.79	-2.20	-16.01	-2.20	16.16	262.17	0.28
3800.00	0.42	192.52	3799.79	-2.75	-16.33	-2.75	16.56	260.46	0.27
3900.00	0.09	193.00	3899.79	-3.17	-16.43	-3.17	16.73	259.07	0.33
4000.00	0.33	196.72	3999.79	-3.52	-16.53	-3.52	16.90	257.96	0.25
4100.00	0.54	201.29	4099.79	-4.24	-16.78	-4.24	17.31	255.81	0.21
4200.00	0.35	203.79	4199.78	-4.96	-17.08	-4.96	17.79	253.79	0.19
4300.00	0.89	185.70	4299.78	-6.02	-17.28	-6.02	18.30	250.80	0.57
4400.00	0.98	173.17	4399.76	-7.64	-17.26	-7.64	18.87	246.11	0.22
4500.00	0.70	172.62	4499.75	-9.10	-17.08	-9.10	19.35	241.94	0.28
4600.00	0.74	171.06	4599.75	-10.34	-16.90	-10.34	19.81	238.53	0.04
4700.00	0.97	167.28	4699.73	-11.80	-16.61	-11.80	20.38	234.60	0.24
4800.00	1.14	171.59	4799.72	-13.61	-16.28	-13.61	21.22	230.10	0.19
4900.00	1.14	175.01	4899.70	-15.59	-16.05	-15.59	22.37	225.82	0.07
5000.00	1.05	186.63	4999.68	-17.50	-16.06	-17.50	23.75	222.55	0.24
5100.00	0.47	214.60	5099.67	-18.74	-16.40	-18.74	24.91	221.19	0.67
5200.00	0.25	222.93	5199.67	-19.24	-16.78	-19.24	25.53	221.10	0.22
5300.00	0.15	211.83	5299.67	-19.51	-17.00	-19.51	25.88	221.07	0.11
5400.00	0.26	187.18	5399.67	-19.85	-17.10	-19.85	26.19	220.74	0.14
5500.00	0.60	177.68	5499.66	-20.60	-17.10	-20.60	26.77	219.71	0.34
5600.00	0.94	161.64	5599.65	-21.90	-16.82	-21.90	27.62	217.53	0.40
5700.00	1.03	156.95	5699.64	-23.51	-16.21	-23.51	28.56	214.59	0.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5800.00	0.89	148.97	5799.63	-25.00	-15.46	-25.00	29.39	211.74	0.19
5900.00	1.16	141.87	5899.61	-26.46	-14.44	-26.46	30.14	208.63	0.30
6000.00	1.16	136.52	5999.59	-27.99	-13.12	-27.99	30.91	205.12	0.11
6100.00	0.82	139.75	6099.57	-29.27	-11.96	-29.27	31.62	202.22	0.35
6200.00	1.14	137.28	6199.56	-30.54	-10.82	-30.54	32.40	199.51	0.32
6300.00	0.44	122.56	6299.55	-31.48	-9.82	-31.48	32.98	197.32	0.72
6400.00	2.32	72.79	6399.52	-31.09	-7.56	-31.09	32.00	193.66	2.06
6500.00	2.73	58.40	6499.42	-29.24	-3.59	-29.24	29.46	187.01	0.75
6600.00	0.54	28.43	6599.38	-27.59	-1.34	-27.59	27.62	182.79	2.28
6700.00	0.38	356.09	6699.37	-26.84	-1.14	-26.84	26.86	182.44	0.29
6800.00	0.56	275.76	6799.37	-26.46	-1.65	-26.46	26.51	183.57	0.62
6900.00	1.81	138.55	6899.36	-27.59	-1.09	-27.59	27.61	182.25	2.25
7000.00	0.74	129.44	6999.33	-29.19	0.46	-29.19	29.19	179.10	1.09
7100.00	0.97	105.66	7099.32	-29.82	1.77	-29.82	29.88	176.60	0.42
7200.00	0.88	125.75	7199.31	-30.50	3.20	-30.50	30.67	174.00	0.33
7300.00	0.64	166.94	7299.30	-31.49	3.95	-31.49	31.73	172.85	0.58
7420.00	1.10	200.88	7419.28	-33.21	3.69	-33.21	33.41	173.66	0.56



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West, Texas
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SRO Sate Unit No. 061H / API 30-015-42057



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