

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² O GRID Number 229137	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 – 015-46386	⁵ Pool Name Purple Sage; Wolfcamp (Gas)		⁶ Pool Code 98220
⁷ Property Code 38476	⁸ Property Name Honey Graham State Com		⁹ Well Number 703H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 20	Township 26S	Range 28E	Lot Idn	Feet from the 320	North/South Line North	Feet from the 1155	East/West line West	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. 1	Section 32	Township 26S	Range 28E	Lot Idn	Feet from the 201	North/South Line South	Feet from the 691	East/West line West	County Eddy
¹² Lse Code S	¹³ Producing Method Code F		¹⁴ Gas Connection Date 7/21/20		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter O GRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	ACC (Alpha Crude Connector Pipeline)	O
282301	Energy Transfer Company 2001 Bryan Street Ste 3700 Dallas, TX 75201	G
278421	Holly Refining and Marketing	O
214984	Plains Marketing LP	O

IV. Well Completion Data

²¹ Spud Date 11/5/19	²² Ready Date 7/10/20	²³ TD 21,732’	²⁴ PBTD 21,480’	²⁵ Perforations 9,465-21,453’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2”		13 5/8”	494’		703
12 ¼”		9 7/8”	8697’		1370
8 1/2”		5 1/2”	21723’		5195
		2 7/8”	8838’		

V. Well Test Data

³¹ Date New Oil 7/21/20	³² Gas Delivery Date 7/21/20	³³ Test Date 7/21/20	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 1700#	³⁶ Csg. Pressure 1350#
³⁷ Choke Size 27/64	³⁸ Oil 249	³⁹ Water 2981	⁴⁰ Gas 239		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Amanda Avery			OIL CONSERVATION DIVISION		
Printed name: Amanda Avery			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: aavery@concho.com			Approval Date: 8/23/2024		
Date: 8/3/20		Phone: 575-748-6962			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46386	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 38476	⁵ Property Name HONEY GRAHAM STATE COM	⁶ Well Number 703H
⁷ GRID NO. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3084'

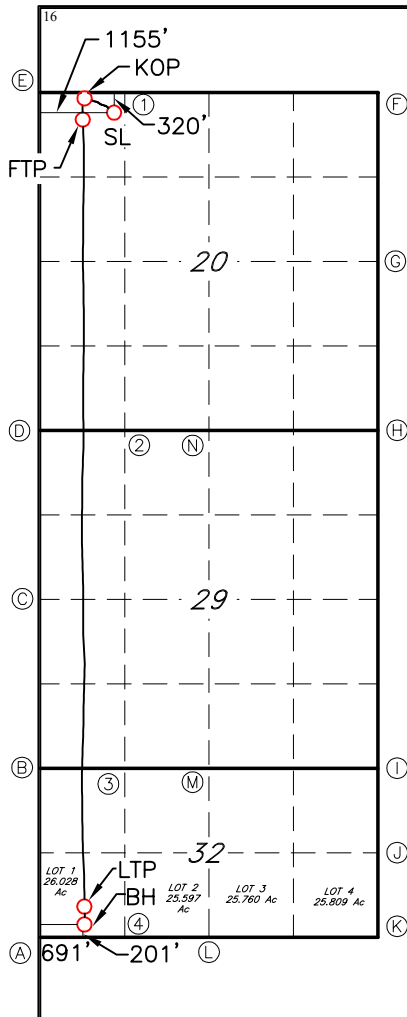
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	20	26S	28E		320	NORTH	1155	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	26S	28E		201	SOUTH	691	WEST	EDDY
¹² Dedicated Acres 761.51	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 376350.3 - E: 609192.2
LAT: 32.0344780° N-LONG: 104.1143570° W
LAT: 32°02'04.1204" N-LONG: 104°06'51.6853" W

KICK OFF POINT (KOP)
101' FNL & 691' FWL (Sec.20)
N: 376573.0 - E: 608728.1
LAT: 32.0350925° N-LONG: 104.1158532° W
LAT: 32°02'06.3336" N-LONG: 104°06'57.0718" W
MD=8868.00 - TVD=8843.41

FIRST TAKE POINT (FTP)
423' FNL & 665' FWL (Sec.20)
N: 376250.9 - E: 608702.3
LAT: 32.0342075° N-LONG: 104.1159388° W
LAT: 32°02'03.1465" N-LONG: 104°06'57.3791" W
MD=9465.00 - TVD=9302.10

LAST TAKE POINT (LTP)
479' FSL & 687' FWL (Sec.32)
N: 364273.0 - E: 608725.3
LAT: 32.0012803° N-LONG: 104.1159423° W
LAT: 32°00'04.6090" N-LONG: 104°06'57.3918" W
MD=21453.00 - TVD=9257.67

BOTTOM HOLE (BH)
N: 363994.9 - E: 608730.5
LAT: 32.0005158° N-LONG: 104.1159273° W
LAT: 32°00'01.8567" N-LONG: 104°06'57.3379" W

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1995" N: 363793.5 - E: 608039.5
B: FOUND BRASS CAP "1995" N: 366121.4 - E: 608035.0
C: FOUND BRASS CAP "1995" N: 368761.0 - E: 608041.8
D: FOUND BRASS CAP "1995" N: 371399.9 - E: 608048.9
E: CALCULATED CORNER N: 376678.5 - E: 608036.7
F: FOUND BRASS CAP "1995" N: 376640.9 - E: 613327.9
G: FOUND BRASS CAP "1995" N: 373994.4 - E: 613329.1
H: FOUND BRASS CAP "1995" N: 371341.8 - E: 613334.8

I: FOUND BRASS CAP "1995" N: 366056.4 - E: 613343.5
J: FOUND BRASS CAP "1995" N: 364641.9 - E: 613346.6
K: FOUND BRASS CAP "1995" N: 363800.2 - E: 613348.4
L: FOUND BRASS CAP "1995" N: 363796.6 - E: 610675.9
M: FOUND BRASS CAP "1995" N: 366045.1 - E: 610671.1
N: FOUND BRASS CAP "1995" N: 371370.8 - E: 610691.8

CALCULATED POINTS
1: N: 376669.1 - E: 609359.5
2: N: 371385.4 - E: 609370.4
3: N: 366083.3 - E: 609353.1
4: N: 363795.1 - E: 609357.7

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Amanda Avery

7/20/20

Signature

Date

Amanda Avery

Printed Name

aavery@concho.com

E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

09-06-2019

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

REV: 7-13-20 AS DRILL

Job No.: LS19090861AD

Phoenix Technology Services
Design Report 16-Dec-2019 08:31:06

COG Operating LLC

Honey Graham State Com 703H

Eddy County, NM (NAD27 NME)

OH / 65664

Surveys (Ensign 155)

Surface Loc.:

Northing: (Y) 376293.20

Easting: (X) 568007.60

RKB Elev: 3108.00'

GL Elev: 3084.00'

Survey Type Information:

H 100.00 - 8590.00 SCIENTIFIC GYRO SURVEYS : SCIENTIFIC KEEPER

H 8590.00 - 21732.00 PHOENIX MWD SURVEYS : MWD+IFR1+FDIR

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0	0	0	-3108	0	0	0	376293.2	568007.6	0	0
100	0.35	139.75	-3008	100	-0.23	0.2	376293	568007.8	0.23	0.35
125	0.34	150.43	-2983	125	-0.36	0.28	376292.8	568007.9	0.34	0.26
150	0.47	138.97	-2958	150	-0.5	0.39	376292.7	568008	0.48	0.61
175	0.65	133.97	-2933	175	-0.67	0.56	376292.5	568008.2	0.65	0.75
200	0.98	134.56	-2908.01	199.99	-0.92	0.81	376292.3	568008.4	0.89	1.32
225	1.04	131.87	-2883.01	224.99	-1.22	1.13	376292	568008.7	1.18	0.31
250	1.03	135.08	-2858.01	249.99	-1.53	1.46	376291.7	568009.1	1.48	0.24
275	1.04	141.83	-2833.02	274.98	-1.87	1.76	376291.3	568009.4	1.8	0.49
300	1.15	144.65	-2808.02	299.98	-2.25	2.04	376291	568009.6	2.17	0.49
325	1.17	143.2	-2783.03	324.97	-2.66	2.34	376290.5	568009.9	2.57	0.14
350	1.19	146.06	-2758.03	349.97	-3.08	2.64	376290.1	568010.2	2.98	0.25
375	1.32	139.16	-2733.04	374.96	-3.52	2.97	376289.7	568010.6	3.4	0.8
400	1.52	137.76	-2708.05	399.95	-3.98	3.38	376289.2	568011	3.84	0.81
425	1.72	136.22	-2683.06	424.94	-4.5	3.87	376288.7	568011.5	4.34	0.82
450	1.74	138.26	-2658.07	449.93	-5.05	4.38	376288.2	568012	4.88	0.26
475	1.87	138.72	-2633.08	474.92	-5.64	4.9	376287.6	568012.5	5.44	0.52
500	2.07	139.7	-2608.09	499.91	-6.29	5.46	376286.9	568013.1	6.07	0.81
525	2.3	139.97	-2583.11	524.89	-7.02	6.08	376286.2	568013.7	6.78	0.92
550	2.35	141.23	-2558.13	549.87	-7.8	6.72	376285.4	568014.3	7.53	0.29
575	2.68	139.95	-2533.16	574.84	-8.65	7.42	376284.6	568015	8.35	1.34
600	2.85	139.9	-2508.19	599.81	-9.57	8.19	376283.6	568015.8	9.25	0.68
625	2.99	138.24	-2483.22	624.78	-10.53	9.03	376282.7	568016.6	10.17	0.65
650	3.33	134.84	-2458.26	649.74	-11.53	9.98	376281.7	568017.6	11.13	1.55
675	3.32	133.89	-2433.3	674.7	-12.55	11.01	376280.7	568018.6	12.11	0.22
700	3.32	134.48	-2408.34	699.66	-13.56	12.05	376279.6	568019.7	13.07	0.14
725	3.43	132.11	-2383.38	724.62	-14.56	13.12	376278.6	568020.7	14.04	0.71
750	3.27	130.43	-2358.43	749.57	-15.53	14.22	376277.7	568021.8	14.96	0.75
775	2.83	126.78	-2333.46	774.54	-16.36	15.26	376276.8	568022.9	15.75	1.92

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord		Vertical Section (ft)	Dogleg Rate (°/100ft)
							Northings (ft)	Eastings (ft)		
800	2.21	110.76	-2308.49	799.51	-16.9	16.2	376276.3	568023.8	16.25	3.73
825	1.65	92.22	-2283.5	824.5	-17.09	17.01	376276.1	568024.6	16.41	3.33
850	1.55	67.32	-2258.51	849.49	-16.97	17.69	376276.2	568025.3	16.27	2.79
875	1.73	39.78	-2233.52	874.48	-16.55	18.24	376276.7	568025.8	15.82	3.2
900	2.17	18.2	-2208.53	899.47	-15.81	18.63	376277.4	568026.2	15.07	3.39
925	2.75	5.02	-2183.56	924.44	-14.76	18.83	376278.4	568026.4	14.01	3.23
950	3.25	359.33	-2158.59	949.41	-13.46	18.87	376279.7	568026.5	12.71	2.33
975	3.81	355.23	-2133.64	974.36	-11.92	18.8	376281.3	568026.4	11.18	2.46
1000	4.39	348.57	-2108.7	999.3	-10.15	18.54	376283.1	568026.1	9.42	3
1025	4.99	347.61	-2083.79	1024.21	-8.15	18.11	376285.1	568025.7	7.44	2.42
1050	5.52	342.74	-2058.89	1049.11	-5.94	17.52	376287.3	568025.1	5.25	2.77
1075	6.15	338.53	-2034.02	1073.98	-3.55	16.68	376289.7	568024.3	2.9	3.04
1100	6.59	334.57	-2009.18	1098.82	-1.01	15.57	376292.2	568023.2	0.4	2.49
1125	7.02	331.13	-1984.35	1123.65	1.63	14.22	376294.8	568021.8	-2.18	2.37
1150	6.96	330.13	-1959.54	1148.46	4.28	12.72	376297.5	568020.3	-4.77	0.54
1175	6.81	329.85	-1934.72	1173.28	6.87	11.23	376300.1	568018.8	-7.31	0.61
1200	6.31	328.19	-1909.88	1198.12	9.32	9.76	376302.5	568017.4	-9.7	2.14
1225	5.44	326.44	-1885.01	1222.99	11.48	8.38	376304.7	568016	-11.8	3.55
1250	4.79	325.27	-1860.11	1247.89	13.32	7.13	376306.5	568014.7	-13.59	2.63
1275	4.05	322.11	-1835.19	1272.81	14.88	5.99	376308.1	568013.6	-15.1	3.12
1300	3.3	323.34	-1810.24	1297.76	16.15	5.02	376309.4	568012.6	-16.33	3.02
1325	2.53	327.03	-1785.27	1322.73	17.19	4.29	376310.4	568011.9	-17.35	3.17
1350	1.89	324.06	-1760.29	1347.71	17.99	3.75	376311.2	568011.4	-18.12	2.6
1375	1.3	321.3	-1735.3	1372.7	18.54	3.33	376311.7	568010.9	-18.66	2.38
1400	0.27	341.85	-1710.3	1397.7	18.82	3.13	376312	568010.7	-18.93	4.21
1425	0.21	356.79	-1685.3	1422.7	18.92	3.11	376312.1	568010.7	-19.03	0.34
1450	0.15	346.23	-1660.3	1447.7	19	3.1	376312.2	568010.7	-19.11	0.27
1475	0.03	11.45	-1635.3	1472.7	19.04	3.09	376312.2	568010.7	-19.14	0.49
1500	0.16	69.07	-1610.3	1497.7	19.06	3.13	376312.3	568010.7	-19.16	0.58
1525	0.17	57.92	-1585.3	1522.7	19.09	3.19	376312.3	568010.8	-19.2	0.13
1550	0.05	7.47	-1560.3	1547.7	19.12	3.23	376312.3	568010.8	-19.23	0.57
1575	0.05	30.97	-1535.3	1572.7	19.14	3.23	376312.3	568010.8	-19.25	0.08
1600	0.04	65.33	-1510.3	1597.7	19.15	3.25	376312.4	568010.9	-19.26	0.11
1625	0.17	47.08	-1485.3	1622.7	19.18	3.28	376312.4	568010.9	-19.29	0.53
1650	0.1	25.41	-1460.3	1647.7	19.23	3.32	376312.4	568010.9	-19.34	0.34
1675	0.09	68.69	-1435.3	1672.7	19.25	3.35	376312.5	568011	-19.37	0.28
1700	0.04	310.73	-1410.3	1697.7	19.27	3.36	376312.5	568011	-19.38	0.46
1725	0.26	60.49	-1385.3	1722.7	19.3	3.4	376312.5	568011	-19.42	1.1
1750	0.16	27.79	-1360.3	1747.7	19.36	3.47	376312.6	568011.1	-19.48	0.61
1775	0.03	15.94	-1335.3	1772.7	19.39	3.48	376312.6	568011.1	-19.52	0.52
1800	0.03	10.27	-1310.3	1797.7	19.41	3.49	376312.6	568011.1	-19.53	0.01
1825	0.26	62.52	-1285.3	1822.7	19.44	3.54	376312.6	568011.1	-19.56	0.97
1850	0.18	40.31	-1260.3	1847.7	19.5	3.61	376312.7	568011.2	-19.62	0.46
1875	0.28	76.47	-1235.3	1872.7	19.54	3.7	376312.7	568011.3	-19.67	0.69
1900	0.15	309.2	-1210.3	1897.7	19.58	3.73	376312.8	568011.3	-19.71	1.56
1925	0.07	323.25	-1185.3	1922.7	19.61	3.7	376312.8	568011.3	-19.74	0.34
1950	0.09	346.11	-1160.3	1947.7	19.64	3.68	376312.8	568011.3	-19.77	0.15
1975	0.13	13.85	-1135.3	1972.7	19.69	3.69	376312.9	568011.3	-19.82	0.26
2000	0.58	11.44	-1110.3	1997.7	19.84	3.72	376313	568011.3	-19.97	1.8
2025	0.6	2.49	-1085.31	2022.69	20.09	3.75	376313.3	568011.4	-20.22	0.38

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord		Vertical Section (ft)	Dogleg Rate (°/100ft)
							Northings	Eastings		
							(ft)	(ft)		
2050	0.65	10.4	-1060.31	2047.69	20.36	3.78	376313.6	568011.4	-20.5	0.4
2075	0.75	18.24	-1035.31	2072.69	20.66	3.86	376313.9	568011.5	-20.79	0.55
2100	0.71	6.67	-1010.31	2097.69	20.97	3.93	376314.2	568011.5	-21.1	0.61
2125	0.83	12.29	-985.31	2122.69	21.3	3.98	376314.5	568011.6	-21.44	0.57
2150	0.91	8.69	-960.32	2147.68	21.67	4.05	376314.9	568011.7	-21.81	0.39
2175	0.92	4.07	-935.32	2172.68	22.07	4.1	376315.3	568011.7	-22.21	0.3
2200	0.83	15.98	-910.32	2197.68	22.44	4.16	376315.6	568011.8	-22.59	0.81
2225	0.88	5.39	-885.33	2222.67	22.81	4.23	376316	568011.8	-22.95	0.66
2250	1.21	347.3	-860.33	2247.67	23.26	4.19	376316.5	568011.8	-23.4	1.85
2275	1.55	338.19	-835.34	2272.66	23.83	4	376317	568011.6	-23.97	1.61
2300	1.99	327	-810.35	2297.65	24.51	3.64	376317.7	568011.2	-24.63	2.23
2325	2.57	317.3	-785.37	2322.63	25.28	3.03	376318.5	568010.6	-25.38	2.78
2350	3.18	311.99	-760.4	2347.6	26.16	2.13	376319.4	568009.7	-26.22	2.66
2375	3.71	309.81	-735.45	2372.55	27.14	0.99	376320.3	568008.6	-27.16	2.18
2400	4.21	308.01	-710.51	2397.49	28.22	-0.35	376321.4	568007.3	-28.19	2.06
2425	4.93	304.66	-685.58	2422.42	29.4	-1.96	376322.6	568005.6	-29.3	3.07
2450	5.55	303.13	-660.69	2447.31	30.67	-3.85	376323.9	568003.8	-30.5	2.54
2475	5.38	304.05	-635.8	2472.2	31.99	-5.84	376325.2	568001.8	-31.73	0.76
2500	5.56	304.24	-610.92	2497.08	33.32	-7.81	376326.5	567999.8	-32.99	0.72
2525	5.99	301.81	-586.04	2521.96	34.69	-9.92	376327.9	567997.7	-34.28	1.98
2550	5.82	301.89	-561.18	2546.82	36.05	-12.1	376329.3	567995.5	-35.55	0.68
2575	5.85	300.72	-536.31	2571.69	37.37	-14.28	376330.6	567993.3	-36.78	0.49
2600	6.24	300.49	-511.44	2596.56	38.71	-16.54	376331.9	567991.1	-38.03	1.56
2625	6.12	300.79	-486.59	2621.41	40.08	-18.86	376333.3	567988.7	-39.31	0.5
2650	6.2	299.71	-461.73	2646.27	41.43	-21.17	376334.6	567986.4	-40.57	0.56
2675	6.18	298.91	-436.88	2671.12	42.75	-23.53	376336	567984.1	-41.8	0.35
2700	6.47	297.43	-412.03	2695.97	44.05	-25.95	376337.3	567981.7	-43	1.33
2725	6.51	296.31	-387.19	2720.81	45.33	-28.47	376338.5	567979.1	-44.18	0.53
2750	6.54	296.09	-362.35	2745.65	46.58	-31.02	376339.8	567976.6	-45.34	0.16
2775	6.45	296.05	-337.52	2770.48	47.83	-33.56	376341	567974	-46.48	0.36
2800	6.54	295.87	-312.68	2795.32	49.06	-36.11	376342.3	567971.5	-47.62	0.37
2825	6.52	296	-287.84	2820.16	50.31	-38.66	376343.5	567968.9	-48.76	0.1
2850	6.66	294.41	-263	2845	51.53	-41.26	376344.7	567966.3	-49.88	0.92
2875	6.51	295.42	-238.17	2869.83	52.74	-43.86	376345.9	567963.7	-50.98	0.76
2900	6.81	294.37	-213.34	2894.66	53.96	-46.49	376347.2	567961.1	-52.1	1.3
2925	6.47	294.64	-188.5	2919.5	55.16	-49.12	376348.4	567958.5	-53.19	1.37
2950	6.2	293.8	-163.66	2944.34	56.29	-51.63	376349.5	567956	-54.23	1.14
2975	5.2	292.64	-138.78	2969.22	57.27	-53.92	376350.5	567953.7	-55.12	4.03
3000	5.08	289.88	-113.88	2994.12	58.08	-56	376351.3	567951.6	-55.85	1.1
3025	4.39	288.85	-88.97	3019.03	58.77	-57.95	376352	567949.7	-56.46	2.78
3050	3.64	286.4	-64.03	3043.97	59.3	-59.62	376352.5	567948	-56.92	3.08
3075	2.61	284.55	-39.07	3068.93	59.67	-60.93	376352.9	567946.7	-57.24	4.14
3100	2.21	280.69	-14.09	3093.91	59.9	-61.95	376353.1	567945.7	-57.43	1.73
3125	1.92	277.88	10.9	3118.9	60.05	-62.84	376353.3	567944.8	-57.54	1.23
3150	1.73	275.07	35.88	3143.88	60.14	-63.63	376353.3	567944	-57.6	0.84
3175	1.7	272.46	60.87	3168.87	60.19	-64.38	376353.4	567943.2	-57.62	0.33
3200	1.85	276.17	85.86	3193.86	60.25	-65.15	376353.5	567942.5	-57.65	0.76
3225	1.52	278.25	110.85	3218.85	60.34	-65.88	376353.5	567941.7	-57.72	1.34
3250	1.77	277.98	135.84	3243.84	60.44	-66.59	376353.6	567941	-57.79	1
3275	1.87	278.34	160.83	3268.83	60.55	-67.38	376353.8	567940.2	-57.87	0.4

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
3300	2.1	286.3	185.81	3293.81	60.74	-68.22	376353.9	567939.4	-58.03	1.43
3325	2.58	290.48	210.79	3318.79	61.06	-69.19	376354.3	567938.4	-58.31	2.04
3350	2.98	296.57	235.76	3343.76	61.55	-70.29	376354.8	567937.3	-58.76	1.99
3375	3.36	298.46	260.72	3368.72	62.19	-71.52	376355.4	567936.1	-59.35	1.58
3400	3.7	302.15	285.67	3393.67	62.97	-72.85	376356.2	567934.8	-60.07	1.64
3425	4.05	303.97	310.62	3418.62	63.89	-74.26	376357.1	567933.3	-60.94	1.48
3450	4.51	305.21	335.55	3443.55	64.95	-75.8	376358.2	567931.8	-61.94	1.88
3475	5.11	306.14	360.46	3468.46	66.17	-77.5	376359.4	567930.1	-63.1	2.42
3500	5.41	307.95	385.35	3493.35	67.56	-79.33	376360.8	567928.3	-64.4	1.37
3525	5.86	307.02	410.23	3518.23	69.05	-81.28	376362.3	567926.3	-65.82	1.84
3550	6.4	308.5	435.09	3543.09	70.69	-83.38	376363.9	567924.2	-67.37	2.25
3575	6.83	308.73	459.92	3567.92	72.48	-85.63	376365.7	567922	-69.08	1.72
3600	7.48	307.65	484.73	3592.73	74.41	-88.08	376367.6	567919.5	-70.91	2.65
3625	7.93	307.82	509.5	3617.5	76.46	-90.73	376369.7	567916.9	-72.85	1.8
3650	8.34	308.51	534.25	3642.25	78.64	-93.51	376371.8	567914.1	-74.93	1.69
3675	8.74	307.54	558.97	3666.97	80.93	-96.44	376374.1	567911.2	-77.1	1.7
3700	9.21	306.95	583.67	3691.67	83.29	-99.54	376376.5	567908.1	-79.34	1.92
3725	9.36	306.81	608.34	3716.34	85.71	-102.77	376378.9	567904.8	-81.63	0.61
3750	9.56	305.41	633	3741	88.13	-106.09	376381.3	567901.5	-83.92	1.22
3775	9.67	305.87	657.65	3765.65	90.57	-109.48	376383.8	567898.1	-86.22	0.54
3800	9.4	305.18	682.3	3790.3	92.97	-112.85	376386.2	567894.8	-88.49	1.17
3825	8.38	303.49	707	3815	95.15	-116.04	376388.4	567891.6	-90.55	4.21
3850	7.5	302.93	731.76	3839.76	97.05	-118.93	376390.3	567888.7	-92.32	3.53
3875	6.87	301.33	756.57	3864.57	98.71	-121.58	376391.9	567886	-93.88	2.64
3900	6.19	301.31	781.41	3889.41	100.19	-124.01	376393.4	567883.6	-95.26	2.72
3925	5.29	299.44	806.28	3914.28	101.46	-126.16	376394.7	567881.4	-96.45	3.68
3950	4.49	296.39	831.19	3939.19	102.46	-128.04	376395.7	567879.6	-97.37	3.36
3975	3.94	293.42	856.12	3964.12	103.23	-129.71	376396.4	567877.9	-98.08	2.37
4000	3.86	292.14	881.06	3989.06	103.89	-131.27	376397.1	567876.3	-98.68	0.47
4025	3.61	292.41	906.01	4014.01	104.51	-132.78	376397.7	567874.8	-99.24	1
4050	3.43	292.32	930.96	4038.96	105.09	-134.2	376398.3	567873.4	-99.77	0.72
4075	3.5	290.5	955.92	4063.92	105.64	-135.61	376398.8	567872	-100.26	0.52
4100	3.52	290.17	980.87	4088.87	106.18	-137.04	376399.4	567870.6	-100.74	0.11
4125	3.54	289.72	1005.82	4113.82	106.7	-138.49	376399.9	567869.1	-101.21	0.14
4150	3.62	290.24	1030.77	4138.77	107.23	-139.96	376400.4	567867.6	-101.68	0.35
4175	3.43	287.01	1055.73	4163.73	107.73	-141.41	376400.9	567866.2	-102.12	1.1
4200	3.37	287.92	1080.68	4188.68	108.17	-142.83	376401.4	567864.8	-102.51	0.32
4225	3.44	288.9	1105.64	4213.64	108.64	-144.24	376401.8	567863.4	-102.92	0.36
4250	3.4	288.07	1130.59	4238.59	109.11	-145.65	376402.3	567862	-103.34	0.25
4275	3.43	289.25	1155.55	4263.55	109.59	-147.06	376402.8	567860.5	-103.76	0.31
4300	3.41	289.05	1180.5	4288.5	110.08	-148.47	376403.3	567859.1	-104.19	0.09
4325	3.52	287.07	1205.46	4313.46	110.55	-149.91	376403.8	567857.7	-104.6	0.65
4350	3.44	288.7	1230.41	4338.41	111.01	-151.35	376404.2	567856.3	-105.01	0.51
4375	3.47	288.44	1255.37	4363.37	111.49	-152.78	376404.7	567854.8	-105.44	0.14
4400	3.57	287.02	1280.32	4388.32	111.96	-154.24	376405.2	567853.4	-105.85	0.53
4425	3.45	286.75	1305.27	4413.27	112.4	-155.7	376405.6	567851.9	-106.23	0.48
4450	3.56	286.95	1330.23	4438.23	112.85	-157.17	376406.1	567850.4	-106.62	0.44
4475	3.57	286.79	1355.18	4463.18	113.3	-158.65	376406.5	567849	-107.01	0.06
4500	3.57	286.72	1380.13	4488.13	113.75	-160.15	376407	567847.5	-107.4	0.02
4525	3.62	286.64	1405.08	4513.08	114.2	-161.65	376407.4	567846	-107.79	0.2

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4550	3.57	287.22	1430.03	4538.03	114.65	-163.15	376407.9	567844.5	-108.19	0.25
4575	3.51	283.78	1454.98	4562.98	115.07	-164.63	376408.3	567843	-108.54	0.88
4600	3.42	285.02	1479.94	4587.94	115.44	-166.1	376408.6	567841.5	-108.86	0.47
4625	3.48	285.12	1504.89	4612.89	115.83	-167.55	376409	567840.1	-109.2	0.24
4650	3.41	283.87	1529.85	4637.85	116.21	-169	376409.4	567838.6	-109.51	0.41
4675	3.3	283.59	1554.8	4662.8	116.56	-170.43	376409.8	567837.2	-109.81	0.44
4700	3.39	283.75	1579.76	4687.76	116.9	-171.84	376410.1	567835.8	-110.1	0.36
4725	3.44	282.35	1604.72	4712.72	117.24	-173.29	376410.4	567834.3	-110.37	0.39
4750	3.49	283.99	1629.67	4737.67	117.58	-174.76	376410.8	567832.8	-110.66	0.44
4775	3.34	283.91	1654.63	4762.63	117.94	-176.21	376411.1	567831.4	-110.96	0.6
4800	3.46	284.28	1679.58	4787.58	118.3	-177.65	376411.5	567830	-111.27	0.49
4825	3.42	285.9	1704.54	4812.54	118.69	-179.1	376411.9	567828.5	-111.6	0.42
4850	3.41	286.13	1729.49	4837.49	119.1	-180.53	376412.3	567827.1	-111.96	0.07
4875	3.4	284.99	1754.45	4862.45	119.5	-181.96	376412.7	567825.6	-112.3	0.27
4900	3.5	287.79	1779.4	4887.4	119.93	-183.4	376413.1	567824.2	-112.67	0.78
4925	3.43	287.34	1804.36	4912.36	120.38	-184.84	376413.6	567822.8	-113.07	0.3
4950	3.58	287.88	1829.31	4937.31	120.84	-186.3	376414	567821.3	-113.47	0.61
4975	3.47	287.23	1854.27	4962.27	121.31	-187.76	376414.5	567819.8	-113.88	0.47
5000	3.54	288.38	1879.22	4987.22	121.78	-189.22	376415	567818.4	-114.29	0.4
5025	3.44	290.23	1904.17	5012.17	122.28	-190.65	376415.5	567817	-114.73	0.6
5050	3.51	291.69	1929.13	5037.13	122.82	-192.07	376416	567815.5	-115.22	0.45
5075	3.63	292.28	1954.08	5062.08	123.4	-193.51	376416.6	567814.1	-115.75	0.5
5100	3.5	291.78	1979.03	5087.03	123.99	-194.95	376417.2	567812.7	-116.27	0.53
5125	3.59	293.47	2003.98	5111.98	124.58	-196.38	376417.8	567811.2	-116.81	0.55
5150	3.59	293.73	2028.93	5136.93	125.21	-197.81	376418.4	567809.8	-117.38	0.07
5175	3.7	295.26	2053.88	5161.88	125.87	-199.26	376419.1	567808.3	-117.98	0.59
5200	3.72	294.43	2078.83	5186.83	126.55	-200.73	376419.8	567806.9	-118.61	0.23
5225	3.61	294.87	2103.78	5211.78	127.21	-202.18	376420.4	567805.4	-119.21	0.45
5250	3.71	294.75	2128.73	5236.73	127.88	-203.63	376421.1	567804	-119.83	0.4
5275	3.78	297.95	2153.67	5261.67	128.61	-205.09	376421.8	567802.5	-120.49	0.88
5300	3.72	296.11	2178.62	5286.62	129.35	-206.55	376422.6	567801.1	-121.18	0.54
5325	3.81	296.84	2203.57	5311.57	130.08	-208.02	376423.3	567799.6	-121.85	0.41
5350	3.88	298.32	2228.51	5336.51	130.86	-209.5	376424.1	567798.1	-122.57	0.49
5375	3.96	299.37	2253.45	5361.45	131.68	-211	376424.9	567796.6	-123.34	0.43
5400	4.03	299.84	2278.39	5386.39	132.54	-212.51	376425.7	567795.1	-124.14	0.31
5425	3.92	300.59	2303.33	5411.33	133.42	-214.01	376426.6	567793.6	-124.95	0.49
5450	4.03	300.66	2328.27	5436.27	134.3	-215.5	376427.5	567792.1	-125.77	0.44
5475	4.02	301.8	2353.21	5461.21	135.21	-217	376428.4	567790.6	-126.62	0.32
5500	4.09	303.33	2378.15	5486.15	136.16	-218.49	376429.4	567789.1	-127.52	0.52
5525	4.19	304.17	2403.08	5511.08	137.16	-219.99	376430.4	567787.6	-128.46	0.47
5550	4.24	303.43	2428.01	5536.01	138.19	-221.52	376431.4	567786.1	-129.42	0.3
5575	4.28	302.86	2452.94	5560.94	139.2	-223.08	376432.4	567784.5	-130.38	0.23
5600	4.16	304.92	2477.88	5585.88	140.23	-224.6	376433.4	567783	-131.34	0.77
5625	4.32	304.03	2502.81	5610.81	141.27	-226.13	376434.5	567781.5	-132.33	0.69
5650	4.27	303.89	2527.74	5635.74	142.32	-227.68	376435.5	567779.9	-133.31	0.2
5675	4.19	304.01	2552.67	5660.67	143.35	-229.21	376436.6	567778.4	-134.28	0.32
5700	4.24	304.42	2577.6	5685.6	144.38	-230.73	376437.6	567776.9	-135.25	0.23
5725	4.22	304.23	2602.53	5710.53	145.42	-232.25	376438.6	567775.4	-136.23	0.1
5750	4.39	303.91	2627.46	5735.46	146.47	-233.81	376439.7	567773.8	-137.22	0.69
5775	4.31	302.99	2652.39	5760.39	147.52	-235.39	376440.7	567772.2	-138.2	0.42

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
5800	4.29	304.02	2677.32	5785.32	148.55	-236.95	376441.8	567770.7	-139.18	0.32
5825	4.44	304.87	2702.25	5810.25	149.63	-238.52	376442.8	567769.1	-140.19	0.65
5850	4.2	304.65	2727.18	5835.18	150.7	-240.07	376443.9	567767.5	-141.2	0.96
5875	4.34	303.66	2752.11	5860.11	151.75	-241.61	376445	567766	-142.19	0.63
5900	4.38	303.41	2777.04	5885.04	152.8	-243.19	376446	567764.4	-143.18	0.18
5925	4.11	302.57	2801.97	5909.97	153.81	-244.74	376447	567762.9	-144.12	1.11
5950	4.32	300.32	2826.9	5934.9	154.76	-246.31	376448	567761.3	-145.02	1.07
5975	4.15	301.44	2851.83	5959.83	155.71	-247.9	376448.9	567759.7	-145.9	0.76
6000	4.19	301.37	2876.77	5984.77	156.66	-249.45	376449.9	567758.2	-146.79	0.16
6025	4.15	301.14	2901.7	6009.7	157.6	-251	376450.8	567756.6	-147.67	0.17
6050	4.15	299.86	2926.63	6034.63	158.52	-252.56	376451.7	567755	-148.53	0.37
6075	4.03	299.61	2951.57	6059.57	159.4	-254.11	376452.6	567753.5	-149.35	0.49
6100	4.06	299.42	2976.51	6084.51	160.27	-255.64	376453.5	567752	-150.16	0.13
6125	4.09	299.94	3001.44	6109.44	161.15	-257.19	376454.4	567750.4	-150.98	0.19
6150	4.03	299.48	3026.38	6134.38	162.03	-258.72	376455.2	567748.9	-151.79	0.27
6175	4.12	297.74	3051.32	6159.32	162.88	-260.28	376456.1	567747.3	-152.58	0.61
6200	4.22	299.23	3076.25	6184.25	163.75	-261.88	376457	567745.7	-153.39	0.59
6225	4.12	297.66	3101.19	6209.19	164.61	-263.48	376457.8	567744.1	-154.19	0.61
6250	4	296.49	3126.12	6234.12	165.42	-265.06	376458.6	567742.5	-154.93	0.58
6275	3.99	294.56	3151.06	6259.06	166.17	-266.63	376459.4	567741	-155.62	0.54
6300	4.04	292.56	3176	6284	166.87	-268.23	376460.1	567739.4	-156.26	0.59
6325	3.95	291.08	3200.94	6308.94	167.52	-269.85	376460.7	567737.8	-156.84	0.55
6350	4.07	290.72	3225.88	6333.88	168.14	-271.48	376461.3	567736.1	-157.4	0.49
6375	4.31	289.68	3250.81	6358.81	168.77	-273.2	376462	567734.4	-157.96	1.01
6400	4.21	288.65	3275.74	6383.74	169.38	-274.95	376462.6	567732.7	-158.5	0.5
6425	4.3	286.42	3300.67	6408.67	169.94	-276.72	376463.1	567730.9	-158.99	0.75
6450	5	280.09	3325.59	6433.59	170.39	-278.69	376463.6	567728.9	-159.37	3.47
6475	5.13	279	3350.49	6458.49	170.76	-280.87	376464	567726.7	-159.65	0.65
6500	5.18	278.99	3375.39	6483.39	171.11	-283.08	376464.3	567724.5	-159.92	0.2
6525	5.29	279.8	3400.29	6508.29	171.48	-285.34	376464.7	567722.3	-160.2	0.53
6550	5.36	279	3425.18	6533.18	171.86	-287.62	376465.1	567720	-160.49	0.41
6575	5.37	279.14	3450.07	6558.07	172.23	-289.93	376465.4	567717.7	-160.77	0.07
6600	5.39	279.53	3474.96	6582.96	172.61	-292.25	376465.8	567715.4	-161.06	0.17
6625	5.39	281.02	3499.85	6607.85	173.03	-294.56	376466.2	567713	-161.38	0.56
6650	5.44	288.12	3524.74	6632.74	173.62	-296.83	376466.8	567710.8	-161.89	2.69
6675	5.55	287.72	3549.63	6657.63	174.36	-299.11	376467.6	567708.5	-162.53	0.47
6700	5.62	287.39	3574.51	6682.51	175.09	-301.43	376468.3	567706.2	-163.18	0.31
6725	5.52	288.24	3599.39	6707.39	175.83	-303.74	376469	567703.9	-163.83	0.52
6750	5.57	287.57	3624.27	6732.27	176.58	-306.04	376469.8	567701.6	-164.48	0.33
6775	5.52	285.87	3649.15	6757.15	177.27	-308.35	376470.5	567699.3	-165.09	0.69
6800	5.31	283.9	3674.04	6782.04	177.88	-310.63	376471.1	567697	-165.6	1.12
6825	5.23	283.69	3698.94	6806.94	178.43	-312.86	376471.6	567694.7	-166.06	0.33
6850	5.33	285.17	3723.83	6831.83	179	-315.09	376472.2	567692.5	-166.55	0.68
6875	5.43	283.46	3748.72	6856.72	179.58	-317.36	376472.8	567690.2	-167.04	0.76
6900	5.48	283.95	3773.61	6881.61	180.14	-319.67	376473.3	567687.9	-167.51	0.27
6925	5.46	283.38	3798.49	6906.49	180.71	-321.99	376473.9	567685.6	-167.98	0.23
6950	5.54	283.32	3823.38	6931.38	181.26	-324.32	376474.5	567683.3	-168.44	0.32
6975	5.51	285.8	3848.26	6956.26	181.86	-326.65	376475.1	567681	-168.96	0.96
7000	5.79	290.41	3873.14	6981.14	182.63	-328.98	376475.8	567678.6	-169.63	2.13
7025	6.09	292.22	3898.01	7006.01	183.57	-331.39	376476.8	567676.2	-170.48	1.41

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
7050	6.04	293.01	3922.87	7030.87	184.59	-333.83	376477.8	567673.8	-171.4	0.39
7075	6.12	294.67	3947.73	7055.73	185.66	-336.25	376478.9	567671.4	-172.37	0.77
7100	6.24	296.17	3972.58	7080.58	186.81	-338.68	376480	567668.9	-173.43	0.8
7125	6.27	296.19	3997.43	7105.43	188.01	-341.13	376481.2	567666.5	-174.54	0.12
7150	6.27	295.69	4022.28	7130.28	189.21	-343.58	376482.4	567664	-175.64	0.22
7175	6.25	296.7	4047.13	7155.13	190.41	-346.03	376483.6	567661.6	-176.74	0.45
7200	6.16	297.29	4071.99	7179.99	191.64	-348.44	376484.8	567659.2	-177.87	0.44
7225	6.16	297.84	4096.84	7204.84	192.88	-350.82	376486.1	567656.8	-179.02	0.24
7250	6.2	296.86	4121.7	7229.7	194.12	-353.21	376487.3	567654.4	-180.16	0.45
7275	6.01	297.24	4146.56	7254.56	195.33	-355.57	376488.5	567652	-181.28	0.78
7300	6.04	297.54	4171.42	7279.42	196.53	-357.9	376489.7	567649.7	-182.39	0.17
7325	5.79	296.16	4196.28	7304.28	197.7	-360.2	376490.9	567647.4	-183.47	1.15
7350	5.68	295.59	4221.16	7329.16	198.79	-362.45	376492	567645.2	-184.47	0.5
7375	5.54	296.99	4246.04	7354.04	199.87	-364.64	376493.1	567643	-185.46	0.78
7400	5.45	294.04	4270.93	7378.93	200.9	-366.8	376494.1	567640.8	-186.41	1.19
7425	5.2	294.77	4295.82	7403.82	201.86	-368.91	376495.1	567638.7	-187.29	1.04
7450	5.03	294.34	4320.72	7428.72	202.79	-370.94	376496	567636.7	-188.13	0.7
7475	4.86	292.07	4345.62	7453.62	203.63	-372.92	376496.8	567634.7	-188.9	1.04
7500	4.85	292.62	4370.53	7478.53	204.44	-374.88	376497.6	567632.7	-189.63	0.19
7525	4.77	290.42	4395.45	7503.45	205.21	-376.83	376498.4	567630.8	-190.32	0.8
7550	4.65	288.44	4420.36	7528.36	205.89	-378.76	376499.1	567628.8	-190.93	0.81
7575	4.73	288.48	4445.28	7553.28	206.54	-380.7	376499.7	567626.9	-191.5	0.32
7600	4.68	287.17	4470.19	7578.19	207.17	-382.65	376500.4	567625	-192.05	0.47
7625	4.54	286.78	4495.11	7603.11	207.75	-384.58	376501	567623	-192.56	0.57
7650	4.46	286.58	4520.04	7628.04	208.32	-386.45	376501.5	567621.2	-193.05	0.33
7675	4.38	285.44	4544.96	7652.96	208.85	-388.31	376502.1	567619.3	-193.51	0.48
7700	4.34	286.25	4569.89	7677.89	209.37	-390.13	376502.6	567617.5	-193.96	0.29
7725	4.28	284.75	4594.82	7702.82	209.87	-391.94	376503.1	567615.7	-194.39	0.51
7750	4.17	283.3	4619.75	7727.75	210.32	-393.73	376503.5	567613.9	-194.77	0.61
7775	4.19	284.11	4644.68	7752.68	210.75	-395.5	376504	567612.1	-195.13	0.25
7800	4.17	282.61	4669.62	7777.62	211.17	-397.27	376504.4	567610.3	-195.48	0.44
7825	4.12	282.8	4694.55	7802.55	211.57	-399.04	376504.8	567608.6	-195.81	0.21
7850	4.23	282.41	4719.49	7827.49	211.96	-400.81	376505.2	567606.8	-196.14	0.45
7875	4.25	282.35	4744.42	7852.42	212.36	-402.62	376505.6	567605	-196.46	0.08
7900	4.18	282.18	4769.35	7877.35	212.75	-404.41	376506	567603.2	-196.78	0.28
7925	4.18	283.03	4794.28	7902.28	213.15	-406.19	376506.4	567601.4	-197.11	0.25
7950	4.18	282.29	4819.22	7927.22	213.55	-407.97	376506.8	567599.6	-197.44	0.22
7975	4.37	283.35	4844.15	7952.15	213.96	-409.79	376507.2	567597.8	-197.78	0.82
8000	4.42	282.43	4869.07	7977.07	214.39	-411.66	376507.6	567595.9	-198.13	0.35
8025	4.3	281.97	4894	8002	214.79	-413.51	376508	567594.1	-198.46	0.5
8050	4.45	282.83	4918.93	8026.93	215.2	-415.38	376508.4	567592.2	-198.8	0.65
8075	4.43	281.25	4943.85	8051.85	215.6	-417.27	376508.8	567590.3	-199.13	0.5
8100	4.24	282.33	4968.78	8076.78	215.99	-419.12	376509.2	567588.5	-199.44	0.83
8125	4.33	281.28	4993.71	8101.71	216.37	-420.95	376509.6	567586.7	-199.75	0.48
8150	4.06	280.37	5018.65	8126.65	216.71	-422.74	376509.9	567584.9	-200.03	1.11
8175	3.89	280.82	5043.59	8151.59	217.03	-424.45	376510.2	567583.2	-200.28	0.69
8200	3.81	280.82	5068.53	8176.53	217.35	-426.09	376510.6	567581.5	-200.53	0.32
8225	3.58	279.95	5093.48	8201.48	217.64	-427.68	376510.8	567579.9	-200.76	0.95
8250	3.52	279.88	5118.43	8226.43	217.91	-429.2	376511.1	567578.4	-200.96	0.24
8275	3.52	278.59	5143.38	8251.38	218.15	-430.72	376511.4	567576.9	-201.15	0.32

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8300	3.48	279.07	5168.34	8276.34	218.39	-432.23	376511.6	567575.4	-201.33	0.2
8325	3.55	278.11	5193.29	8301.29	218.61	-433.74	376511.8	567573.9	-201.49	0.37
8350	3.4	275.88	5218.24	8326.24	218.8	-435.25	376512	567572.4	-201.62	0.81
8375	3.35	276.75	5243.2	8351.2	218.96	-436.71	376512.2	567570.9	-201.73	0.29
8400	3.45	271.01	5268.16	8376.16	219.06	-438.19	376512.3	567569.4	-201.77	1.42
8425	3.22	273.51	5293.11	8401.11	219.12	-439.64	376512.3	567568	-201.77	1.09
8450	3.16	274.68	5318.07	8426.07	219.22	-441.03	376512.4	567566.6	-201.81	0.35
8475	2.96	275.35	5343.04	8451.04	219.33	-442.36	376512.5	567565.2	-201.88	0.81
8500	2.98	277.99	5368	8476	219.48	-443.64	376512.7	567564	-201.98	0.55
8525	3.07	279.87	5392.97	8500.97	219.69	-444.95	376512.9	567562.7	-202.13	0.54
8550	3.05	282.79	5417.93	8525.93	219.95	-446.25	376513.2	567561.4	-202.34	0.63
8575	3.05	284.04	5442.9	8550.9	220.26	-447.55	376513.5	567560.1	-202.6	0.27
8590	3.25	284.55	5457.88	8565.88	220.46	-448.35	376513.7	567559.3	-202.77	1.35 Tie In
8742	3.57	280.41	5609.61	8717.61	222.4	-457.17	376515.6	567550.4	-204.36	0.27
8836	2.91	273.41	5703.46	8811.46	223.07	-462.43	376516.3	567545.2	-204.83	0.82
8868	3.4	238.29	5735.41	8843.41	222.62	-464.05	376515.8	567543.6	-204.31	6.12
8899	6.54	213.93	5766.29	8874.29	220.67	-465.82	376513.9	567541.8	-202.3	11.99
8931	9.77	202.81	5797.97	8905.97	216.66	-467.89	376509.9	567539.7	-198.2	11.19
8962	14.41	200.56	5828.27	8936.27	210.62	-470.26	376503.8	567537.3	-192.07	15.04
8993	18.08	199.14	5858.03	8966.03	202.46	-473.2	376495.7	567534.4	-183.81	11.91
9025	21.31	197.76	5888.15	8996.15	192.23	-476.6	376485.4	567531	-173.45	10.2
9056	23.4	195.44	5916.82	9024.82	180.93	-479.96	376474.1	567527.6	-162.03	7.32
9088	24.76	191.94	5946.04	9054.04	168.24	-483.04	376461.4	567524.6	-149.24	6.16
9119	27.23	190.15	5973.9	9081.9	154.91	-485.63	376448.1	567522	-135.81	8.36
9150	31.18	188.56	6000.96	9108.96	139.99	-488.07	376433.2	567519.5	-120.8	12.98
9182	35.2	187.75	6027.73	9135.73	122.65	-490.55	376415.9	567517.1	-103.38	12.64
9214	37.95	184.71	6053.43	9161.43	103.7	-492.6	376396.9	567515	-84.37	10.29
9245	41.92	180.89	6077.2	9185.2	83.83	-493.55	376377	567514.1	-64.48	15.05
9276	46.34	178.92	6099.44	9207.44	62.26	-493.5	376355.5	567514.1	-42.92	14.93
9307	49.97	178.89	6120.12	9228.12	39.17	-493.06	376332.4	567514.5	-19.87	11.71
9339	55.37	178.7	6139.52	9247.52	13.74	-492.52	376306.9	567515.1	5.52	16.88
9363	59.53	178.78	6152.43	9260.43	-6.48	-492.08	376286.7	567515.5	25.71	17.32
9370	60.74	178.8	6155.91	9263.91	-12.55	-491.95	376280.7	567515.7	31.77	17.32
9401	64.4	178.81	6170.19	9278.19	-40.05	-491.37	376253.2	567516.2	59.23	11.81
9433	67.81	178.98	6183.15	9291.15	-69.3	-490.81	376223.9	567516.8	88.43	10.67
9464	71.9	177.68	6193.83	9301.83	-98.38	-489.96	376194.8	567517.6	117.46	13.77
9495	76.51	177.6	6202.26	9310.26	-128.18	-488.73	376165	567518.9	147.18	14.87
9526	80.19	177.37	6208.52	9316.52	-158.51	-487.4	376134.7	567520.2	177.44	11.89
9558	82.64	177.11	6213.3	9321.3	-190.11	-485.87	376103.1	567521.7	208.95	7.7
9589	84.96	177.15	6216.65	9324.65	-220.89	-484.33	376072.3	567523.3	239.65	7.48
9684	88.83	179.05	6221.79	9329.79	-315.67	-481.19	375977.5	567526.4	334.24	4.54
9778	89.04	177.72	6223.54	9331.54	-409.62	-478.54	375883.6	567529.1	428.01	1.43
9872	88.09	177.56	6225.89	9333.89	-503.51	-474.67	375789.7	567532.9	521.68	1.02
9967	87.64	180.77	6229.43	9337.43	-598.42	-473.29	375694.8	567534.3	616.46	3.41
10060	88.48	180.45	6232.58	9340.58	-691.36	-474.28	375601.8	567533.3	709.37	0.97
10154	88.58	179.47	6234.99	9342.99	-785.33	-474.21	375507.9	567533.4	803.26	1.05
10248	89.99	180.34	6236.16	9344.16	-879.32	-474.05	375413.9	567533.6	897.17	1.76
10342	91.93	178.38	6234.59	9342.59	-973.29	-473.01	375319.9	567534.6	991.03	2.93
10436	90.88	179.63	6232.28	9340.28	-1067.24	-471.37	375226	567536.2	1084.85	1.74
10530	86.92	181.49	6234.09	9342.09	-1161.2	-472.29	375132	567535.3	1178.77	4.65

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
10658	87.52	181.63	6240.3	9348.3	-1289	-475.77	375004.2	567531.8	1306.61	0.48
10752	87.34	181.7	6244.51	9352.51	-1382.86	-478.5	374910.3	567529.1	1400.51	0.21
10846	86.66	181.81	6249.43	9357.43	-1476.69	-481.38	374816.5	567526.2	1494.38	0.73
10936	89.23	180.75	6252.66	9360.66	-1566.6	-483.38	374726.6	567524.2	1584.3	3.09
11030	90.68	180.1	6252.73	9360.73	-1660.6	-484.08	374632.6	567523.5	1678.25	1.69
11124	91.35	179.5	6251.07	9359.07	-1754.58	-483.75	374538.6	567523.9	1772.15	0.96
11219	91.87	179.39	6248.4	9356.4	-1849.54	-482.83	374443.7	567524.8	1867	0.56
11313	93.45	181.02	6244.04	9352.04	-1943.43	-483.17	374349.8	567524.4	1960.83	2.41
11407	91.84	181.39	6239.7	9347.7	-2037.31	-485.14	374255.9	567522.5	2054.71	1.76
11501	90.34	181.16	6237.91	9345.91	-2131.26	-487.23	374161.9	567520.4	2148.68	1.61
11595	90.25	179.64	6237.43	9345.43	-2225.26	-487.89	374067.9	567519.7	2242.63	1.62
11689	92.07	179.45	6235.52	9343.52	-2319.23	-487.14	373974	567520.5	2336.5	1.95
11784	92.24	179.26	6231.95	9339.95	-2414.16	-486.08	373879	567521.5	2431.31	0.27
11878	92.31	179.03	6228.22	9336.22	-2508.07	-484.67	373785.1	567522.9	2525.1	0.26
11973	91.68	178.35	6224.91	9332.91	-2602.99	-482.5	373690.2	567525.1	2619.86	0.98
12067	91.14	178.78	6222.6	9330.6	-2696.93	-480.15	373596.3	567527.5	2713.64	0.73
12161	90.06	178.44	6221.62	9329.62	-2790.9	-477.87	373502.3	567529.7	2807.44	1.2
12255	90.68	179.7	6221.01	9329.01	-2884.88	-476.34	373408.3	567531.3	2901.29	1.49
12349	90	179.44	6220.45	9328.45	-2978.87	-475.64	373314.3	567532	2995.19	0.77
12443	89.48	179.09	6220.88	9328.88	-3072.87	-474.43	373220.3	567533.2	3089.06	0.67
12537	91.09	179.81	6220.41	9328.41	-3166.86	-473.53	373126.3	567534.1	3182.94	1.88
12630	90.33	179.49	6219.26	9327.26	-3259.85	-472.96	373033.4	567534.6	3275.84	0.89
12725	88.76	178.78	6220.01	9328.01	-3354.83	-471.53	372938.4	567536.1	3370.7	1.81
12819	89.9	180.51	6221.11	9329.11	-3448.82	-470.95	372844.4	567536.7	3464.59	2.2
12912	92.23	181.42	6219.38	9327.38	-3541.78	-472.51	372751.4	567535.1	3557.54	2.69
13007	90.46	179.95	6217.15	9325.15	-3636.74	-473.65	372656.5	567534	3652.47	2.42
13101	92.71	181.28	6214.55	9322.55	-3730.69	-474.65	372562.5	567533	3746.39	2.78
13195	92.03	180.84	6210.66	9318.66	-3824.59	-476.39	372468.6	567531.2	3840.29	0.86
13290	91.43	180.78	6207.8	9315.8	-3919.54	-477.73	372373.7	567529.9	3935.22	0.63
13384	90.7	181.05	6206.05	9314.05	-4013.51	-479.24	372279.7	567528.4	4029.18	0.83
13479	90.05	180.98	6205.43	9313.43	-4108.49	-480.92	372184.7	567526.7	4124.15	0.69
13573	89.53	180.98	6205.77	9313.77	-4202.48	-482.53	372090.7	567525.1	4218.13	0.55
13667	88.67	180.47	6207.25	9315.25	-4296.46	-483.71	371996.7	567523.9	4312.08	1.06
13762	87.78	180.03	6210.19	9318.19	-4391.41	-484.13	371901.8	567523.5	4406.98	1.04
13856	89.37	179.82	6212.53	9320.53	-4485.38	-484.01	371807.8	567523.6	4500.87	1.71
13950	88.57	178.83	6214.22	9322.22	-4579.35	-482.9	371713.9	567524.7	4594.73	1.35
14045	91.61	179.63	6214.07	9322.07	-4674.33	-481.62	371618.9	567526	4689.59	3.31
14139	91.81	179.44	6211.26	9319.26	-4768.29	-480.86	371524.9	567526.7	4783.44	0.29
14233	90.83	178.7	6209.1	9317.1	-4862.25	-479.33	371431	567528.3	4877.27	1.31
14327	90.53	179.44	6207.98	9315.98	-4956.23	-477.81	371337	567529.8	4971.12	0.85
14421	89.98	179.05	6207.57	9315.57	-5050.22	-476.57	371243	567531	5064.99	0.72
14516	93.85	180.87	6204.39	9312.39	-5145.15	-476.5	371148.1	567531.1	5159.84	4.5
14610	92.32	181.65	6199.33	9307.33	-5238.98	-478.57	371054.2	567529	5253.68	1.83
14704	92.68	182.5	6195.23	9303.23	-5332.83	-481.97	370960.4	567525.6	5347.59	0.98
14798	88.01	182.3	6194.67	9302.67	-5426.72	-485.9	370866.5	567521.7	5441.57	4.97
14892	88.08	182.23	6197.87	9305.87	-5520.59	-489.62	370772.6	567518	5535.51	0.11
14986	87.93	181.97	6201.15	9309.15	-5614.47	-493.06	370678.7	567514.5	5629.45	0.32
15081	89.94	180.97	6202.91	9310.91	-5709.42	-495.49	370583.8	567512.1	5724.42	2.36
15175	91.26	180.53	6201.93	9309.93	-5803.4	-496.72	370489.8	567510.9	5818.38	1.48
15269	90.03	179.78	6200.87	9308.87	-5897.39	-496.98	370395.8	567510.6	5912.31	1.53

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
15363	89.5	180.02	6201.25	9309.25	-5991.39	-496.81	370301.8	567510.8	6006.23	0.62
15457	93.09	181.21	6199.13	9307.13	-6085.35	-497.82	370207.9	567509.8	6100.15	4.02
15550	92.65	180.76	6194.47	9302.47	-6178.22	-499.42	370115	567508.2	6193.01	0.68
15644	90.55	180.8	6191.85	9299.85	-6272.17	-500.7	370021	567506.9	6286.94	2.23
15738	89.79	180.8	6191.57	9299.57	-6366.15	-502.01	369927.1	567505.6	6380.91	0.81
15832	89.52	179.8	6192.14	9300.14	-6460.15	-502.5	369833.1	567505.1	6474.85	1.1
15927	89.38	179.87	6193.05	9301.05	-6555.15	-502.23	369738.1	567505.4	6569.77	0.16
16021	90.75	179.85	6192.94	9300.94	-6649.14	-502	369644.1	567505.6	6663.68	1.46
16115	91.18	179.08	6191.36	9299.36	-6743.12	-501.12	369550.1	567506.5	6757.56	0.94
16209	91.86	178.38	6188.86	9296.86	-6837.07	-499.04	369456.1	567508.6	6851.35	1.04
16303	92.25	177.59	6185.49	9293.49	-6930.95	-495.74	369362.3	567511.9	6945.03	0.94
16397	90.73	178.6	6183.05	9291.05	-7024.86	-492.61	369268.3	567515	7038.75	1.94
16491	89.66	179.2	6182.73	9290.73	-7118.84	-490.81	369174.4	567516.8	7132.58	1.31
16585	88.74	178.5	6184.04	9292.04	-7212.81	-488.92	369080.4	567518.7	7226.41	1.23
16680	88.46	177.86	6186.36	9294.36	-7307.73	-485.91	368985.5	567521.7	7321.14	0.74
16774	87.9	177.96	6189.35	9297.35	-7401.62	-482.48	368891.6	567525.1	7414.83	0.61
16869	89.85	180.44	6191.21	9299.21	-7496.58	-481.15	368796.6	567526.5	7509.66	3.32
16963	90.75	180.8	6190.72	9298.72	-7590.58	-482.17	368702.6	567525.4	7603.62	1.03
17057	91.15	180.83	6189.16	9297.16	-7684.55	-483.51	368608.7	567524.1	7697.58	0.43
17152	91.62	180.52	6186.87	9294.87	-7779.52	-484.63	368513.7	567523	7792.52	0.59
17246	91.94	179.65	6183.95	9291.95	-7873.47	-484.77	368419.7	567522.8	7886.4	0.99
17339	91.87	179.2	6180.86	9288.86	-7966.42	-483.83	368326.8	567523.8	7979.24	0.49
17433	91.89	179.17	6177.77	9285.77	-8060.36	-482.5	368232.8	567525.1	8073.06	0.04
17526	91.29	178.68	6175.19	9283.19	-8153.3	-480.75	368139.9	567526.9	8165.86	0.83
17618	90.08	177.08	6174.09	9282.09	-8245.23	-477.35	368048	567530.3	8257.59	2.18
17711	89.85	177.25	6174.15	9282.15	-8338.12	-472.75	367955.1	567534.9	8350.22	0.31
17806	89.87	177.39	6174.38	9282.38	-8433.01	-468.31	367860.2	567539.3	8444.87	0.15
17900	89.75	176.67	6174.69	9282.69	-8526.88	-463.44	367766.3	567544.2	8538.48	0.78
17995	89.82	179.37	6175.05	9283.05	-8621.82	-460.16	367671.4	567547.4	8633.21	2.84
18089	90.28	180.96	6174.97	9282.97	-8715.81	-460.43	367577.4	567547.2	8727.15	1.76
18183	91.03	181.66	6173.89	9281.89	-8809.78	-462.58	367483.4	567545	8821.13	1.09
18277	90.94	181.83	6172.28	9280.28	-8903.72	-465.44	367389.5	567542.2	8915.11	0.2
18371	91.14	181.88	6170.57	9278.57	-8997.66	-468.48	367295.5	567539.1	9009.09	0.22
18466	90.77	181.27	6168.99	9276.99	-9092.61	-471.09	367200.6	567536.5	9104.07	0.75
18560	91.31	182.03	6167.28	9275.28	-9186.55	-473.8	367106.7	567533.8	9198.05	0.99
18654	88.74	180.48	6167.24	9275.24	-9280.52	-475.86	367012.7	567531.7	9292.03	3.19
18748	89.43	181.31	6168.74	9276.74	-9374.5	-477.32	366918.7	567530.3	9385.99	1.15
18842	88.65	180.52	6170.32	9278.32	-9468.47	-478.82	366824.7	567528.8	9479.95	1.18
18937	88.28	180.46	6172.86	9280.86	-9563.43	-479.64	366729.8	567528	9574.87	0.39
19030	88.15	180.99	6175.76	9283.76	-9656.38	-480.81	366636.8	567526.8	9667.79	0.59
19124	88.73	182.12	6178.32	9286.32	-9750.31	-483.36	366542.9	567524.2	9761.75	1.35
19219	92.22	182.23	6177.53	9285.53	-9845.22	-486.97	366448	567520.6	9856.73	3.68
19313	92.75	182.03	6173.45	9281.45	-9939.07	-490.46	366354.1	567517.1	9950.64	0.6
19406	92.8	181.89	6168.95	9276.95	-10031.9	-493.63	366261.3	567514	10043.53	0.16
19500	90.55	181.44	6166.2	9274.2	-10125.8	-496.36	366167.4	567511.2	10137.48	2.44
19594	90.49	181.31	6165.35	9273.35	-10219.8	-498.62	366073.4	567509	10231.47	0.15
19688	90.58	181.97	6164.47	9272.47	-10313.7	-501.31	365979.5	567506.3	10325.46	0.71
19782	88.91	179.22	6164.89	9272.89	-10407.7	-502.29	365885.5	567505.3	10419.4	3.42
19876	89.2	179.82	6166.44	9274.44	-10501.7	-501.5	365791.5	567506.1	10513.29	0.71
19970	89.07	179.56	6167.86	9275.86	-10595.7	-500.99	365697.5	567506.6	10607.18	0.31

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Coord (+N/-S) (ft)	(+E/-W) (ft)	UTM Coord Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
20064	88.48	179.42	6169.87	9277.87	-10689.7	-500.15	365603.5	567507.5	10701.05	0.65
20157	91.59	179.4	6169.81	9277.81	-10782.7	-499.2	365510.6	567508.4	10793.93	3.34
20251	92.62	179.33	6166.36	9274.36	-10876.6	-498.16	365416.6	567509.4	10887.74	1.1
20345	92.9	179.66	6161.83	9269.83	-10970.5	-497.33	365322.7	567510.3	10981.53	0.46
20439	92.87	179.29	6157.1	9265.1	-11064.4	-496.47	365228.9	567511.1	11075.3	0.39
20533	92.16	178.94	6152.98	9260.98	-11158.3	-495.02	365135	567512.6	11169.07	0.84
20628	90.8	179.07	6150.52	9258.52	-11253.2	-493.37	365040	567514.2	11263.88	1.44
20721	89.57	178.77	6150.22	9258.22	-11346.2	-491.61	364947	567516	11356.72	1.36
20815	88.94	178.29	6151.45	9259.45	-11440.1	-489.2	364853.1	567518.4	11450.52	0.84
20909	88.89	178.03	6153.23	9261.23	-11534.1	-486.19	364759.1	567521.4	11544.26	0.28
21003	86.84	176.5	6156.73	9264.73	-11627.9	-481.71	364665.3	567525.9	11637.84	2.72
21097	87.8	176.41	6161.12	9269.12	-11721.6	-475.9	364571.6	567531.7	11731.25	1.03
21191	90.8	177.47	6162.27	9270.27	-11815.5	-470.88	364477.7	567536.7	11824.83	3.38
21285	93.35	180.22	6158.87	9266.87	-11909.4	-468.99	364383.8	567538.6	11918.59	3.99
21377	93.09	179.22	6153.7	9261.7	-12001.2	-468.54	364292	567539.1	12010.35	1.12
21471	92.99	178.7	6148.72	9256.72	-12095.1	-466.83	364198.1	567540.8	12104.07	0.56
21565	94.8	178.77	6142.33	9250.33	-12188.8	-464.76	364104.4	567542.8	12197.67	1.93
21603	94.83	178.88	6139.14	9247.14	-12226.7	-463.99	364066.5	567543.6	12235.47	0.3
21659	94.87	179.04	6134.41	9242.41	-12282.5	-462.97	364010.7	567544.6	12291.18	0.3
21672	95.04	179.22	6133.28	9241.28	-12295.4	-462.78	363997.8	567544.8	12304.11	1.9
21732	95.04	179.22	6128.01	9236.01	-12355.2	-461.96	363938	567545.6	12363.8	0

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.

Vertical depths are relative to RKB. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 182.240° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East 3001.

Grid Convergence at Surface is 0.116°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 21732.00ft.,
the Bottom Hole Displacement is 12363.81ft., in the Direction of 182.240° (Grid).

Submit 1 Copy To Appropriate District
Office

District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240

District II – (575) 748-1283
811 S. First St., Artesia, NM 88210

District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410

District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103

Revised August 1, 2011

WELL APINO. 30-015-46386	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Honey Graham State Com	
8. Well Number 703H	
9. OGRID Number 229137	
10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)	
4. Well Location Unit Letter <u>D</u> : <u>320</u> feet from the <u>North</u> line and <u>1155</u> feet from the <u>West</u> line Section <u>20</u> Township <u>26S</u> Range <u>28E</u> NMPM Eddy County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3084' 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:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: Completion Operations ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/17/20 Test 9 5/8" X 5 1/2" annulus to 1500#. Good test. Set CBP @ 21,580'. Perf 21,555 – 21,565 Injection test.

6/16/20 to 7/1/20 Perf 9,465-21,453' (884). Acdz w/ 0 gal 7 1/2% acid. Frac w/30,168,709 # sand & 27,708,282 gal fluid.

7/6/20 – 7/7/20 Drilled out plugs. Clean down to PBTD @ 21,480'

7/8/20 Set 2 7/8" 6.5# L-80 tbg @ 8,838' & pkr @ 8,828'.

7/10/20 – Released to Prod. Dept to begin flowback operations.

Spud Date: 11/5/19

Rig Release Date: 12/17/20

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

SIGNATURE Amanda Avery TITLE: Regulatory Analyst DATE: 7/20/20

Type or print name: Amanda Avery E-mail address: aavery@concho.com PHONE: (575) 748-6962

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017										
		1. WELL API NO.		30-015-46386												
		2. Type of Lease		☒ STATE ☐ FEE ☐ FED/INDIAN												
		3. State Oil & Gas Lease No.														
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name Honey Graham State Com 6. Well Number: 703H												
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																
8. Name of Operator COG Operating LLC				9. OGRID 229137												
10. Address of Operator 2208 W. Main Street Artesia, NM 88210				11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County						
Surface:	D	20	26S	28E		320'	North	1155'	West	Eddy						
BH:	1	32	26S	28E		201'	South	691'	West	Eddy						
13. Date Spudded 11/5/19	14. Date T.D. Reached 12/14/19	15. Date Rig Released 12/17/19		16. Date Completed (Ready to Produce) 7/10/20		17. Elevations (DF and RKB, RT, GR, etc.)		3084' GR								
18. Total Measured Depth of Well 21,732'		19. Plug Back Measured Depth 21,480'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run										
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,465-22,453' Wolfcamp																
23. CASING RECORD (Report all strings set in well)																
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED						
13 3/8"		54.5#		494'		17 1/2"		703 sx								
9 5/8		40#		8697'		12 1/4"		1370 sx								
5 1/2"		23#		21723'		8 1/2"		5195 sx								
24. LINER RECORD						25. TUBING RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET									
					2 7/8"	8838'	8828'									
26. Perforation record (interval, size, and number) 9465-21453' (884)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>9465-21453'</td> <td>Acdz w/0 gal 7 1/2%; Frac w/30,168,709# sand & 27,708,282 gal fluid</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	9465-21453'	Acdz w/0 gal 7 1/2%; Frac w/30,168,709# sand & 27,708,282 gal fluid		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED															
9465-21453'	Acdz w/0 gal 7 1/2%; Frac w/30,168,709# sand & 27,708,282 gal fluid															
28. PRODUCTION																
Date First Production 7/21/20		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing										
Date of Test 3/2/20	Hours Tested 24	Choke Size 64/64"	Prod'n For Test Period	Oil - Bbl 249	Gas - MCF 239	Water - Bbl. 2981	Gas - Oil Ratio									
Flow Tubing Press. 1700#	Casing Pressure 1350#	Calculated 24-Hour Rate	Oil - Bbl. 249	Gas - MCF 239	Water - Bbl. 2981	Oil Gravity - API - (<i>Corr.</i>)										
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold						30. Test Witnessed By Nicholas Jancha										
31. List Attachments Surveys																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.						33. Rig Release Date: 12/17/20										
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																
Latitude			Longitude			NAD83										
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i> Printed Signature <i>Amanda Avery</i> Name: Amanda Avery Title Regulatory Analyst Date: 8/6/20 E-mail Address: aavery@concho.com																



CURRENT WELL SKETCH

API: 30-015-46386
 SPUD: 11/5/2019
 FRR: 12/17/2019
 RIG: Ensign 155

Honey Graham State Com 703H
 Purple Sage; Wolfcamp (Gas)
 Eddy County

Sec 20 T/B 26S R/Svy 28E
 SHL: 320' FNL & 1,155' FWL
 BHL: 201' FSL & 691' FWL (est.)
 Sec 32 T/B 26S R/Svy 28E
 GL: 3,084'
 KB: 3,108'
 ZERO: 24'

HOLE SIZE	MW	BHST	Evaluation
17.5"	8.8 (ppg)		No Logs
12.25"	9.3 (ppg)		No Logs
8.75" x 8.5"	11.2 (ppg)	155°F (est.)	Mud and Cased-Hole logs

Surface Casing @ 494'
 13.375" 54.5 ppf J55 BTC
 Circulated 420 sx cement

Intermediate Casing @ 8,697'
 9.625" 40 ppf L80 HC BTC
 Circulated: 197 sx cement

KOP @ 8,868'
 EOC @ 9,684'
 EOL @ 21,723'
 TD @ 21,732'

Average TVD in Lateral 9,302'

Notes: Wet Shoe

Production Casing @ 21,723'
 5.5" 23 ppf P110 RY CDCHTQ
 PBTD (LC) 21,673'
 MJ: 8,513'
 Floatation Collar: 8,625'
 Circulated: 944 sx cement

Updated by P. Herring
 Date: 1/15/2020

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 184607

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 184607
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 184607

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 184607
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	8/23/2024