

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

OCD Hobbs

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions page 2

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM62924
2. Name of Operator CHISHOLM ENERGY OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 801 CHERRY STREET SUITE 1200 UNIT 20 FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-953-3728	8. Well Name and No. MINIS 1 FED WCA 16H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T21S R32E 280FNL 1208FEL 32.521935 N Lat, 103.623810 W Lon		9. API Well No. 30-025-44853-00-X1
		10. Field and Pool or Exploratory Area HAT MESA WOLFCAMP
		11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COMPLETION/PRODUCTION START UP SUNDRY

09/23/2019-PBTD @ 18995'; RUN CBL WEST TOC @ 1900'MD
09/24/2019-SET PLUG @ 18980'; TEST 5.5" CSG TO 9850 PSI, 30 MIN, GOOD TEST; PERFORATE STAGE 1 @ 18965'-18785'
10/2-10/14/2019-PERFORATE STAGE 2-35 @ 18755'-11645'; FRACTURE ALL STAGES W/946 BBLS HCI + 214940 BBLS SW W/7037692# 100 MESH + 3982869# 40/70 SAND
10/19/2019-DRILL OUT
10/20/2019-TURN WELL OVER TO PRODUCTION
10/21/2019-BEGIN FLOWBACK

14. I hereby certify that the foregoing is true and correct. Electronic Submission #489460 verified by the BLM Well Information System For CHISHOLM ENERGY OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 10/24/2019 (20PP0193SE)	
Name (Printed/Typed) JENNIFER ELROD	Title SR. REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title Jonathon Shepard Carlsbad Field Office	Date NOV 05 2019
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

K2

Chisholm Minis 1 Fed Com WCA 16H MWD 0' to 19030' MD Survey

Geodetic Report

(Def Survey)

Report Date: September 16, 2019 - 12:59 PM
 Client: Chisholm
 Field: NM Lee County (NAD 83)
 Structure / Slot: Chisholm Minis 1 Fed Com WCA 16H / New Slot
 Well: Chisholm Minis 1 Fed Com WCA 16H
 Borehole: Original Borehole
 UWI / API#: Unknown / Unknown
 Survey Name: Chisholm Minis 1 Fed Com WCA 16H MWD 0' to 19030' MD
 Survey Date: August 22, 2019
 Tool / AHD / DDI / ERD Ratio: 234.438' / 6839.740 R / 6.522 / 0.745
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 31' 17.8315", W 103° 37' 25.5855"
 Location Grid N/E Y/X: N 554209.100 RUS, E 760040.800 RUS
 CRS Grid Convergence Angle: 0.3815°
 Grid Scale Factor: 0.99996387
 Version / Patch: 2.10.760.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 179.570° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 Seabed / Ground Elevation: 3753.000 ft above MSL
 Magnetic Declination: 6.877°
 Total Gravity Field Strength: 988.4819mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48135.274 nT
 Magnetic Dip Angle: 60.370°
 Declination Date: July 30, 2019
 Magnetic Declination Model: HDGM 2019
 North Reference: Grid North
 Grid Convergence Angle: 0.3815°
 Total Cor Mag North-to-Grid: 6.2955°
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northings (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
SHL	0.00	0.00	173.04	0.00	0.00	0.00	0.00	N/A	554209.10	760040.80	N 32 31 17.68 W 103 37 25.59		0.00	0.00
Begin SLB	190.00	0.45	177.45	190.00	0.75	-0.75	0.03	0.24	554208.35	760040.63	N 32 31 17.68 W 103 37 25.59		0.75	177.45
MWD Surveys	284.00	0.63	187.14	283.99	1.61	-1.81	-0.10	0.27	554207.49	760040.50	N 32 31 17.67 W 103 37 25.59		1.61	183.65
	379.00	0.58	201.53	378.99	2.55	-2.55	-0.43	0.07	554206.55	760040.17	N 32 31 17.66 W 103 37 25.59		2.59	189.62
	473.00	0.83	170.55	472.98	3.68	-3.67	-0.50	0.48	554205.43	760040.10	N 32 31 17.65 W 103 37 25.59		3.70	187.70
	568.00	0.96	168.08	567.97	5.14	-5.14	-0.33	0.16	554203.96	760040.27	N 32 31 17.63 W 103 37 25.59		5.15	183.68
	634.00	0.80	175.42	633.96	6.15	-6.15	-0.33	0.32	554202.95	760040.27	N 32 31 17.62 W 103 37 25.59		6.18	183.11
	728.00	0.89	173.89	727.95	7.53	-7.53	-0.32	0.20	554201.57	760040.28	N 32 31 17.61 W 103 37 25.59		7.54	182.42
	823.00	1.25	187.72	822.94	9.29	-9.29	-0.38	0.46	554199.81	760040.22	N 32 31 17.59 W 103 37 25.59		9.30	182.34
	917.00	1.32	176.29	916.91	11.38	-11.39	-0.45	0.28	554197.71	760040.15	N 32 31 17.57 W 103 37 25.59		11.40	182.25
	1012.00	1.25	173.79	1011.89	13.51	-13.51	-0.26	0.08	554195.59	760040.34	N 32 31 17.55 W 103 37 25.59		13.51	181.12
	1106.00	1.41	1105.86	1105.86	15.68	-15.68	-0.03	0.17	554193.42	760040.57	N 32 31 17.53 W 103 37 25.59		15.68	180.12
	1201.00	1.29	142.22	1200.84	17.69	-17.69	0.74	0.79	554191.41	760041.34	N 32 31 17.51 W 103 37 25.58		17.70	177.80
	1296.00	1.18	161.35	1295.82	19.47	-19.46	1.71	0.45	554189.64	760042.31	N 32 31 17.49 W 103 37 25.57		19.53	174.88
	1390.00	1.26	153.81	1389.79	21.32	-21.30	2.48	0.19	554187.80	760043.08	N 32 31 17.47 W 103 37 25.56		21.45	173.37
	1485.00	1.58	136.48	1484.77	23.21	-23.18	3.83	0.55	554185.82	760044.43	N 32 31 17.45 W 103 37 25.54		23.49	170.82
	1555.00	2.06	123.40	1554.73	24.80	-24.56	5.53	0.92	554184.54	760046.13	N 32 31 17.44 W 103 37 25.52		25.18	167.30
	1675.00	2.39	114.28	1674.64	26.85	-26.78	8.63	0.40	554182.32	760050.22	N 32 31 17.42 W 103 37 25.48		26.45	160.25
	1769.00	4.37	100.25	1768.47	28.52	-28.41	14.99	2.21	554180.70	760055.49	N 32 31 17.40 W 103 37 25.41		32.07	152.34
	1864.00	6.18	100.11	1863.07	30.31	-30.13	23.45	1.93	554178.97	760064.05	N 32 31 17.38 W 103 37 25.31		38.18	142.11
	1958.00	6.03	69.62	1956.53	32.09	-31.85	33.30	0.17	554177.26	760073.89	N 32 31 17.37 W 103 37 25.20		46.07	133.72
	2052.00	6.56	66.92	2049.97	32.71	-32.38	43.53	1.58	554176.72	760084.12	N 32 31 17.36 W 103 37 25.08		54.25	126.65
	2147.00	7.59	77.48	2144.25	31.14	-30.73	55.07	1.83	554176.37	760095.07	N 32 31 17.38 W 103 37 24.95		63.06	119.16
	2240.00	7.55	76.75	2238.44	28.50	-28.00	67.01	0.11	554181.10	760107.61	N 32 31 17.40 W 103 37 24.81		72.63	112.68
	2335.00	7.86	74.41	2330.61	25.14	-24.55	79.09	0.75	554184.55	760119.89	N 32 31 17.44 W 103 37 24.88		107.24	107.24
	2430.00	66.14	20.50	2428.54	19.58	-19.90	91.04	0.78	554188.20	760131.81	N 32 31 17.48 W 103 37 24.52		93.19	102.33
	2524.00	8.18	66.67	2517.82	15.42	-14.65	103.06	0.34	554194.45	760143.86	N 32 31 17.53 W 103 37 24.38		104.10	98.09
	2619.00	8.51	66.66	2611.81	10.06	-9.19	115.72	0.35	554199.81	760156.32	N 32 31 17.58 W 103 37 24.24		116.09	94.54
	2713.00	8.88	67.86	2704.73	4.66	-3.70	128.83	0.44	554205.40	760169.43	N 32 31 17.64 W 103 37 24.08		128.88	91.64
	2808.00	8.98	66.08	2798.58	-1.00	2.07	142.40	0.31	554211.17	760182.99	N 32 31 17.69 W 103 37 23.92		142.41	89.17
	2902.00	8.91	67.13	2891.43	-6.71	7.88	155.81	0.19	554216.88	760196.41	N 32 31 17.75 W 103 37 23.77		156.01	87.11
	2997.00	9.10	67.15	2895.26	-12.38	13.65	169.51	0.20	554222.75	760210.11	N 32 31 17.81 W 103 37 23.61		170.06	85.40
	3092.00	8.80	70.71	3079.11	-17.83	19.21	183.21	0.41	554228.31	760223.81	N 32 31 17.86 W 103 37 23.44		184.21	84.01
	3187.00	8.42	72.30	3173.04	-22.49	23.96	196.80	0.69	554233.06	760237.20	N 32 31 17.81 W 103 37 23.29		198.06	83.05
	3281.00	7.90	71.88	3266.08	-26.49	28.06	209.30	0.56	554237.16	760249.89	N 32 31 17.85 W 103 37 23.14		211.17	82.36
	3375.00	7.34	71.16	3359.25	-30.35	32.01	221.12	0.60	554241.11	760261.72	N 32 31 17.89 W 103 37 23.00		223.43	81.76
	3470.00	6.77	69.24	3453.53	-34.21	35.96	232.10	0.65	554245.06	760272.69	N 32 31 18.02 W 103 37 22.87		234.87	81.19
	3564.00	6.46	68.25	3546.91	-38.00	39.82	242.22	0.33	554248.92	760282.81	N 32 31 18.06 W 103 37 22.75		245.47	80.66
	3659.00	6.26	68.98	3641.32	-41.78	43.96	252.02	0.22	554252.78	760292.81	N 32 31 18.10 W 103 37 22.64		255.77	80.17
	3753.00	5.69	68.33	3734.81	-45.45	47.42	261.48	0.51	554256.52	760302.84	N 32 31 18.14 W 103 37 22.53		265.32	79.10
	3848.00	5.41	67.02	3829.37	-49.04	51.06	269.48	0.30	554260.16	760310.07	N 32 31 18.17 W 103 37 22.43		274.28	79.27
	3942.00	5.44	65.10	3922.95	-52.58	54.67	277.80	0.20	554263.77	760316.19	N 32 31 18.21 W 103 37 22.34		282.94	78.88
	4037.00	5.79	59.39	4017.49	-56.88	59.01	285.61	0.69	554268.10	760326.40	N 32 31 18.25 W 103 37 22.24		291.64	78.34
	4131.00	5.32	60.09	4111.05	-61.39	63.59	293.67	0.51	554272.69	760334.26	N 32 31 18.29 W 103 37 22.15		300.48	77.78
	4225.00	5.68	60.68	4204.62	-65.78	68.05	301.50	0.39	554277.14	760342.09	N 32 31 18.34 W 103 37 22.06		309.09	77.28
	4320.00	6.28	65.47	4296.10	-70.18	72.51	310.33	0.82	554281.60	760350.82	N 32 31 18.38 W 103 37 21.96		318.69	76.85
	4414.00	6.90	62.77	4389.57	-74.45	76.85	319.25	0.51	554285.95	760359.89	N 32 31 18.42 W 103 37 21.85		328.42	76.47
	4509.00	5.53	64.56	4487.10	-78.59	81.05	327.78	0.43	554290.15	760368.39	N 32 31 18.46 W 103 37 21.75		337.65	76.11
	4603.00	5.45	66.23	4580.67	-82.27	84.80	335.95	0.19	554293.89	760376.54	N 32 31 18.50 W 103 37 21.66		346.49	75.83
	4698.00	5.45	69.96	4675.24	-85.57	88.18	344.32	0.37	554297.26	760384.91	N 32 31 18.53 W 103 37 21.56		355.43	75.64
	4792.00	5.21	70.38	4768.83	-88.48	91.12	352.53	0.26	554300.22	760393.12	N 32 31 18.56 W 103 37 21.46		364.12	75.51
	4887.00	5.20	70.43	4863.44	-91.30	94.01	360.65	0.01	554303.11	760401.24	N 32 31 18.59 W 103 37 21.37		372.70	75.39
	4981.00	5.35	70.58	4957.04	-94.13	96.90	368.80	0.16	554305.99	760409.39	N 32 31 18.62 W 103 37 21.27		381.32	75.28
	5075.00	5.21	69.25	5051.64	-96.98	99.80	377.01	0.20	554308.98	760417.40	N 32 31 18.65 W 103 37 21.18		390.02	75.16
	5170.00	5.12	69.85	5145.26	-99.98	102.85	384.94	0.11	554311.95	760425.52	N 32 31 18.68 W 103 37 21.08		398.44	75.04
	5265.00	4.95	68.49	5239.89	-102.87	105.82	392.73	0.22	554314.91	760433.32	N 32 31 18.70 W 103 37 20.99		406.74	74.92
	5359.00	5.00	67.01	5333.54	-105.80	108.90	400.28	0.15	554318.00	760440.86	N 32 31 18.73 W 103 37 20.90		414.63	74.78
	5454.00	4.99	66.31	5428.17	-109.12	112.18	407.87	0.07	554321.28	760448.45	N 32 31 18.77 W 103 37 20.81		423.02	74.62
	5548.00	4.74	66.11	5521.84	-112.28	115.40	415.16	0.27	554324.49	760455.75	N 32 31 18.80 W 103 37 20.73		430.90	74.47
	5643.00	4.53	66.75	5616.53	-115.30	118.47	422.20	0.23	554327.56	760462.78	N 32 31 18.83 W 103 37 20.65		438.51	74.33
	5734.00	4.24	66.83	5707.26	-117.99	121.21	428.60	0.32	554330.30	760469.18	N 32 31 18.85 W 103 37 20.57		446.40	74.21
	5829.00	3.84	68.37	5801.87	-122.08	125.38	436.69	0.27	554334.47	760476.27	N 32 31 18.89 W 103 37 20.45		456.25	74.05
	5984.00	3.90	65.15	5966.06	-124.57	127.91	444.58	0.24	554337.00	760485.16	N 32 31 18.92 W 103 37 20.38		462.61	73.95
	6078.00	3.91	62.79	6050.44	-127.33	130.72	450.37	0.17	554339.81	760490.91	N			

...Original Borehole\Chisholm Minis 1 Fed Com WCA 16H MWVD 0' to 19030' MD
Schlumberger-Private
9/16/2019 2:19 PM Page 2 of 3

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')	Closure (ft)	Closure Azimuth (°)
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Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	31.000	1/88.425	30.000	30.000	NAL_MWD_1.0_DEG-Depth Only	Original Borehole / Chisholm Minis 1 Fed Com WCA 16H MWD 0' to 19030' MD
	1	31.000	31.000	Act Strs	30.000	30.000	NAL_MWD_1.0_DEG-Depth Only	Original Borehole / Chisholm Minis 1 Fed Com WCA 16H MWD 0' to 19030' MD
	1	31.000	19030.000	Act Strs	30.000	30.000	NAL_MWD_1.0_DEG	Original Borehole / Chisholm Minis 1 Fed Com WCA 16H

...Original Borehole\Chisholm Minis 1 Fed Com WCA 16H MWD 0' to 19030' MD

Vertical Section (ft) Azim = 179.56° Scale = 1:529.37(ft) Origin = 0N/-S, 0E/-W