

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

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		² OGRID Number 013837	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 0 05-64359	⁵ Pool Name Round Tank; San Andres		⁶ Pool Code 52770
⁷ Property Code	⁸ Property Name Dawson Creek State Com		⁹ Well Number 1H

II. 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
F	36	15S	28E		2399	North	1454	West	Chaves

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	25	15S	28E		1326	North	1662	West	Chaves
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 5/28/2022	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278471	Holly Marketing & Refining Co. LLC P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

IV. Well Completion Data

²¹ Spud Date 4/2/2022	²² Ready Date 5/28/2022	²³ TD 8878'/TVD 2872'	²⁴ PBTD 8853'/TVD 2872'	²⁵ Perforations 3290'-8,878' TVD 2890'-2872'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2"		13 3/8"	218'		240 sx
12 1/4"		9 5/8"	1198'		420 sx
8 3/4"		5 1/2 & 7"	8878'		1940 sx

V. Well Test Data

³¹ Date New Oil 6/5/2022	³² Gas Delivery Date 6/4/2022	³³ Test Date 6/5/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 164	³⁹ Water 1102	⁴⁰ Gas 45		⁴¹ Test Method Pumping
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: <i>Delilah Flores</i>			OIL CONSERVATION DIVISION Approved by: John Garcia Title: Petroleum Engineer Approval Date: 		
Printed name: Delilah Flores					
Title: Regulatory Technician I					
E-mail Address: delilah@mec.com					
Date: 6/6/2022		Phone: 575-748-1288			

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64359		² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code	⁵ Property Name DAWSON CREEK STATE COM		⁶ Well Number 1H
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION		⁹ Elevation 3588.3

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
F	36	15 S	28 E		2399	NORTH	1454	WEST	CHAVES

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
F	25	15 S	28 E		1326	NORTH	1662	WEST	CHAVES

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
200			

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

NW CORNER SEC. 25
LAT. = 32.9942570"N
LONG. = 104.0938829"W

NMSP EAST (FT)
N = 725530.56
E = 614752.22

W/4 CORNER SEC. 25
LAT. = 32.9869876"N
LONG. = 104.0938669"W

NMSP EAST (FT)
N = 722885.75
E = 614763.15

NW CORNER SEC. 36
LAT. = 32.9797168"N
LONG. = 104.0938384"W

NMSP EAST (FT)
N = 720240.47
E = 614777.92

W/4 CORNER SEC. 36
LAT. = 32.9725723"N
LONG. = 104.0938200"W

NMSP EAST (FT)
N = 717641.13
E = 614789.47

SW CORNER SEC. 36
LAT. = 32.9654174"N
LONG. = 104.0937948"W

NMSP EAST (FT)
N = 715038.00
E = 614803.13

NE CORNER SEC. 25
LAT. = 32.9941131"N
LONG. = 104.0766827"W

NMSP EAST (FT)
N = 725490.64
E = 620025.90

E/4 CORNER SEC. 25
LAT. = 32.9869717"N
LONG. = 104.0765798"W

NMSP EAST (FT)
N = 722892.47
E = 620063.79

NE CORNER SEC. 36
LAT. = 32.9797296"N
LONG. = 104.0766964"W

NMSP EAST (FT)
N = 720257.54
E = 620034.47

SE CORNER SEC. 36
LAT. = 32.9653776"N
LONG. = 104.0765635"W

NMSP EAST (FT)
N = 715035.98
E = 620087.96

AS-DRILLED

N/4 CORNER SEC. 36
LAT. = 32.9797325"N
LONG. = 104.0852699"W

NMSP EAST (FT)
N = 720252.26
E = 617405.42

FIRST TAKE POINT
1641' FNL, 1641' FWL
LAT. = 32.9752166"N
LONG. = 104.0884759"W

NMSP EAST (FT)
N = 718606.98
E = 616426.14

DAWSON CREEK STATE COM 1H
ELEV. = 3588.3'
LAT. = 32.9731333"N (NAD83)
LONG. = 104.0890814"W

NMSP EAST (FT)
N = 717848.58
E = 616242.20

KICK OFF POINT
1945' FNL, 1595' FWL
LAT. = 32.9743819"N
LONG. = 104.0886234"W

NMSP EAST (FT)
N = 718303.19
E = 616381.59

LAST TAKE POINT
& BOTTOM OF HOLE
LAT. = 32.9905682"N
LONG. = 104.0884547"W

NMSP EAST (FT)
N = 724192.28
E = 616419.63

Intent ☐ As Drilled ☒

API #		
Operator Name: MACK ENERGY CORPORATION	Property Name: DAWSON CREEK STATE COM	Well Number 1H

Kick Off Point (KOP)

UL F	Section 36	Township 15S	Range 28E	Lot	Feet 1945	From N/S NORTH	Feet 1595	From E/W WEST	County CHAVES
Latitude 32.9743819					Longitude 104.0886234				NAD 83

First Take Point (FTP)

UL F	Section 36	Township 15S	Range 28E	Lot	Feet 1641	From N/S NORTH	Feet 1641	From E/W WEST	County CHAVES
Latitude 32.9752166					Longitude 104.0884759				NAD 83

Last Take Point (LTP)

UL F	Section 25	Township 15S	Range 28E	Lot	Feet 1326	From N/S NORTH	Feet 1662	From E/W WEST	County CHAVES
Latitude 32.9905682					Longitude 104.0884547				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Mack Energy

Chaves County

Sec 36-T15S-R28E

Dawson Creek State Com 1H

Wellbore #1

Survey: Survey #1

Standard Survey Report

11 April, 2022



Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Well Dawson Creek State Com 1H
Project:	Chaves County	TVD Reference:	3588.3+18 @ 3606.30usft
Site:	Sec 36-T15S-R28E	MD Reference:	3588.3+18 @ 3606.30usft
Well:	Dawson Creek State Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Project	Chaves County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Sec 36-T15S-R28E			
Site Position:		Northing:	718,265.41 usft	Latitude:	32.974282
From:	Map	Easting:	615,776.50 usft	Longitude:	-104.090597
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.13 °

Well	Dawson Creek State Com 1H					
Well Position	+N/-S	0.00 usft	Northing:	717,848.58 usft	Latitude:	32.973133
	+E/-W	0.00 usft	Easting:	616,242.20 usft	Longitude:	-104.089082
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,588.30 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	01/12/22	6.76	60.60	47,851.27757054

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	1.49	

Survey Program	Date	04/11/22			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
151.00	8,878.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
151.00	1.70	353.78	150.98	2.23	-0.24	2.22	1.13	1.13	0.00	
1st MWD Survey										
259.00	1.70	356.30	258.93	5.42	-0.52	5.40	0.07	0.00	2.33	
379.00	0.30	100.40	378.91	7.14	-0.33	7.13	1.50	-1.17	86.75	
503.00	0.70	144.50	502.91	6.46	0.43	6.47	0.43	0.32	35.56	
629.00	0.70	138.60	628.90	5.26	1.39	5.29	0.06	0.00	-4.68	
756.00	0.50	140.50	755.89	4.25	2.26	4.31	0.16	-0.16	1.50	
882.00	0.30	105.20	881.89	3.74	2.92	3.81	0.24	-0.16	-28.02	
1,009.00	0.20	119.30	1,008.89	3.54	3.44	3.63	0.09	-0.08	11.10	
1,131.00	0.20	68.30	1,130.89	3.52	3.82	3.62	0.14	0.00	-41.80	

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Well Dawson Creek State Com 1H
Project:	Chaves County	TVD Reference:	3588.3+18 @ 3606.30usft
Site:	Sec 36-T15S-R28E	MD Reference:	3588.3+18 @ 3606.30usft
Well:	Dawson Creek State Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,251.00	0.20	110.50	1,250.89	3.52	4.21	3.63	0.12	0.00	35.17
1,377.00	0.10	357.00	1,376.89	3.55	4.41	3.67	0.20	-0.08	-90.08
1,504.00	0.10	312.60	1,503.89	3.74	4.32	3.85	0.06	0.00	-34.96
1,630.00	0.10	22.10	1,629.89	3.92	4.28	4.03	0.09	0.00	55.16
1,757.00	0.20	275.60	1,756.89	4.04	4.11	4.15	0.20	0.08	-83.86
1,883.00	0.30	294.60	1,882.88	4.20	3.59	4.29	0.10	0.08	15.08
2,010.00	0.30	297.70	2,009.88	4.49	2.99	4.57	0.01	0.00	2.44
2,073.00	2.90	11.30	2,072.85	6.13	3.16	6.21	4.49	4.13	116.83
2,136.00	7.30	9.10	2,135.59	11.65	4.10	11.75	6.99	6.98	-3.49
2,200.00	11.90	7.30	2,198.68	22.22	5.58	22.35	7.20	7.19	-2.81
2,263.00	16.40	9.80	2,259.75	37.43	7.93	37.62	7.21	7.14	3.97
2,327.00	21.20	11.90	2,320.32	57.67	11.85	57.96	7.57	7.50	3.28
2,390.00	26.90	15.40	2,377.83	82.58	17.99	83.02	9.32	9.05	5.56
2,453.00	31.30	17.80	2,432.86	111.91	26.78	112.57	7.22	6.98	3.81
2,517.00	35.30	20.20	2,486.35	145.11	38.25	146.06	6.58	6.25	3.75
2,580.00	39.80	20.80	2,536.28	181.06	51.71	182.35	7.17	7.14	0.95
2,643.00	45.10	18.00	2,582.76	221.16	65.77	222.80	8.93	8.41	-4.44
2,707.00	49.30	16.80	2,626.23	265.97	79.80	267.95	6.70	6.56	-1.87
2,727.00	50.40	17.40	2,639.13	280.58	84.29	282.68	5.96	5.50	3.00
2,737.00	50.80	17.50	2,645.47	287.95	86.61	290.11	4.07	4.00	1.00
2,747.00	50.90	17.60	2,651.79	295.34	88.95	297.56	1.27	1.00	1.00
2,757.00	51.10	17.60	2,658.08	302.75	91.30	305.02	2.00	2.00	0.00
2,767.00	51.20	17.60	2,664.35	310.18	93.65	312.51	1.00	1.00	0.00
2,777.00	51.30	17.60	2,670.61	317.61	96.01	320.00	1.00	1.00	0.00
2,787.00	51.30	17.50	2,676.87	325.05	98.36	327.50	0.78	0.00	-1.00
2,797.00	51.30	17.50	2,683.12	332.49	100.71	335.00	0.00	0.00	0.00
2,807.00	51.30	17.60	2,689.37	339.93	103.06	342.50	0.78	0.00	1.00
2,817.00	51.40	17.60	2,695.62	347.38	105.43	350.00	1.00	1.00	0.00
2,827.00	51.40	17.60	2,701.86	354.83	107.79	357.51	0.00	0.00	0.00
2,837.00	51.50	17.80	2,708.09	362.28	110.17	365.02	1.86	1.00	2.00
2,847.00	51.60	17.80	2,714.31	369.73	112.56	372.54	1.00	1.00	0.00
2,857.00	51.60	17.90	2,720.52	377.19	114.96	380.06	0.78	0.00	1.00
2,867.00	51.60	17.90	2,726.73	384.65	117.37	387.58	0.00	0.00	0.00
2,877.00	51.60	17.70	2,732.94	392.11	119.77	395.10	1.57	0.00	-2.00
2,887.00	51.60	17.70	2,739.15	399.58	122.15	402.62	0.00	0.00	0.00
2,897.00	51.60	17.90	2,745.36	407.04	124.55	410.14	1.57	0.00	2.00
2,907.00	51.60	17.80	2,751.57	414.50	126.95	417.66	0.78	0.00	-1.00
2,917.00	51.70	17.90	2,757.78	421.97	129.35	425.19	1.27	1.00	1.00
2,927.00	52.00	17.70	2,763.96	429.45	131.76	432.74	3.39	3.00	-2.00
2,932.00	52.20	17.50	2,767.03	433.21	132.95	436.53	5.10	4.00	-4.00
2,960.00	54.50	16.00	2,783.74	454.72	139.42	458.20	9.27	8.21	-5.36
3,023.00	61.10	12.60	2,817.30	506.36	152.52	510.15	11.43	10.48	-5.40
3,087.00	67.30	9.50	2,845.15	562.88	163.52	566.94	10.62	9.69	-4.84

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Well Dawson Creek State Com 1H
Project:	Chaves County	TVD Reference:	3588.3+18 @ 3606.30usft
Site:	Sec 36-T15S-R28E	MD Reference:	3588.3+18 @ 3606.30usft
Well:	Dawson Creek State Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,150.00	74.20	7.10	2,865.91	621.70	172.07	625.96	11.53	10.95	-3.81
3,213.00	78.80	5.80	2,880.61	682.55	178.94	686.98	7.57	7.30	-2.06
3,245.00	81.50	4.50	2,886.09	713.95	181.77	718.44	9.34	8.44	-4.06
3,276.00	83.70	2.60	2,890.08	744.63	183.67	749.15	9.34	7.10	-6.13
3,340.00	89.30	359.90	2,893.98	808.46	185.06	813.00	9.71	8.75	-4.22
3,392.00	90.00	359.20	2,894.30	860.46	184.65	864.97	1.90	1.35	-1.35
3,518.00	91.30	359.30	2,892.87	986.44	183.00	990.86	1.03	1.03	0.08
3,645.00	91.20	359.80	2,890.10	1,113.40	182.01	1,117.76	0.40	-0.08	0.39
3,771.00	90.70	0.70	2,888.01	1,239.38	182.56	1,243.71	0.82	-0.40	0.71
3,898.00	90.30	1.90	2,886.91	1,366.34	185.44	1,370.70	1.00	-0.31	0.94
3,961.00	90.80	1.90	2,886.30	1,429.31	187.53	1,433.70	0.79	0.79	0.00
4,088.00	90.20	1.50	2,885.19	1,556.24	191.29	1,560.69	0.57	-0.47	-0.31
4,151.00	89.70	0.60	2,885.25	1,619.23	192.45	1,623.69	1.63	-0.79	-1.43
4,215.00	89.70	359.70	2,885.58	1,683.23	192.62	1,687.67	1.41	0.00	-1.41
4,278.00	90.20	0.00	2,885.64	1,746.23	192.45	1,750.65	0.93	0.79	0.48
4,341.00	91.00	0.00	2,884.98	1,809.23	192.45	1,813.62	1.27	1.27	0.00
4,405.00	90.40	0.70	2,884.20	1,873.22	192.84	1,877.60	1.44	-0.94	1.09
4,468.00	90.30	0.70	2,883.81	1,936.21	193.61	1,940.59	0.16	-0.16	0.00
4,531.00	90.60	1.60	2,883.32	1,999.20	194.88	2,003.59	1.51	0.48	1.43
4,658.00	90.70	1.80	2,881.88	2,126.13	198.64	2,130.58	0.18	0.08	0.16
4,721.00	90.80	0.70	2,881.05	2,189.11	200.02	2,193.57	1.75	0.16	-1.75
4,847.00	90.50	0.90	2,879.62	2,315.09	201.78	2,319.56	0.29	-0.24	0.16
4,974.00	90.50	359.90	2,878.51	2,442.08	202.66	2,446.53	0.79	0.00	-0.79
5,037.00	89.80	358.60	2,878.35	2,505.07	201.84	2,509.48	2.34	-1.11	-2.06
5,101.00	89.50	358.50	2,878.74	2,569.05	200.22	2,573.39	0.49	-0.47	-0.16
5,164.00	90.10	358.50	2,878.96	2,632.03	198.57	2,636.31	0.95	0.95	0.00
5,290.00	89.50	359.10	2,879.40	2,758.00	195.93	2,762.17	0.67	-0.48	0.48
5,354.00	89.90	359.10	2,879.73	2,821.99	194.93	2,826.11	0.62	0.62	0.00
5,417.00	90.40	359.20	2,879.57	2,884.99	193.99	2,889.06	0.81	0.79	0.16
5,480.00	90.50	359.60	2,879.07	2,947.98	193.33	2,952.01	0.65	0.16	0.63
5,544.00	89.70	359.80	2,878.96	3,011.98	193.00	3,015.98	1.29	-1.25	0.31
5,607.00	90.00	359.40	2,879.13	3,074.98	192.56	3,078.94	0.79	0.48	-0.63
5,670.00	90.10	0.00	2,879.07	3,137.97	192.23	3,141.91	0.97	0.16	0.95
5,733.00	89.50	0.20	2,879.29	3,200.97	192.34	3,204.89	1.00	-0.95	0.32
5,797.00	89.40	359.70	2,879.91	3,264.97	192.28	3,268.87	0.80	-0.16	-0.78
5,860.00	89.30	0.00	2,880.62	3,327.97	192.12	3,331.84	0.50	-0.16	0.48
5,987.00	88.70	0.20	2,882.84	3,454.95	192.34	3,458.78	0.50	-0.47	0.16
6,114.00	89.60	359.20	2,884.72	3,581.93	191.67	3,585.70	1.06	0.71	-0.79
6,177.00	90.60	358.30	2,884.61	3,644.91	190.30	3,648.63	2.14	1.59	-1.43
6,240.00	91.00	358.50	2,883.73	3,707.88	188.54	3,711.53	0.71	0.63	0.32
6,304.00	91.30	359.20	2,882.45	3,771.85	187.26	3,775.45	1.19	0.47	1.09
6,367.00	91.30	358.50	2,881.02	3,834.82	185.99	3,838.37	1.11	0.00	-1.11
6,431.00	91.30	357.50	2,879.57	3,898.77	183.76	3,902.23	1.56	0.00	-1.56

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Well Dawson Creek State Com 1H
Project:	Chaves County	TVD Reference:	3588.3+18 @ 3606.30usft
Site:	Sec 36-T15S-R28E	MD Reference:	3588.3+18 @ 3606.30usft
Well:	Dawson Creek State Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
6,494.00	90.50	357.80	2,878.58	3,961.71	181.18	3,965.08	1.36	-1.27	0.48	
6,557.00	89.70	357.80	2,878.47	4,024.66	178.76	4,027.95	1.27	-1.27	0.00	
6,620.00	89.80	358.50	2,878.74	4,087.63	176.72	4,090.84	1.12	0.16	1.11	
6,684.00	89.90	358.60	2,878.91	4,151.61	175.10	4,154.76	0.22	0.16	0.16	
6,747.00	90.10	359.30	2,878.91	4,214.59	173.95	4,217.69	1.16	0.32	1.11	
6,810.00	89.90	359.80	2,878.91	4,277.59	173.45	4,280.66	0.85	-0.32	0.79	
6,874.00	89.50	359.90	2,879.24	4,341.59	173.29	4,344.63	0.64	-0.62	0.16	
6,937.00	90.10	359.90	2,879.46	4,404.59	173.18	4,407.60	0.95	0.95	0.00	
7,000.00	90.60	0.10	2,879.08	4,467.59	173.18	4,470.58	0.85	0.79	0.32	
7,064.00	90.70	0.40	2,878.35	4,531.58	173.46	4,534.56	0.49	0.16	0.47	
7,127.00	90.10	0.30	2,877.91	4,594.58	173.84	4,597.55	0.97	-0.95	-0.16	
7,190.00	90.20	0.40	2,877.75	4,657.58	174.23	4,660.54	0.22	0.16	0.16	
7,254.00	90.40	0.70	2,877.41	4,721.58	174.84	4,724.53	0.56	0.31	0.47	
7,317.00	90.50	1.00	2,876.92	4,784.57	175.77	4,787.52	0.50	0.16	0.48	
7,443.00	89.40	0.70	2,877.03	4,910.55	177.64	4,913.51	0.90	-0.87	-0.24	
7,570.00	89.60	0.20	2,878.14	5,037.54	178.64	5,040.48	0.42	0.16	-0.39	
7,696.00	90.20	0.40	2,878.36	5,163.54	179.30	5,166.46	0.50	0.48	0.16	
7,760.00	90.30	359.80	2,878.08	5,227.54	179.41	5,230.44	0.95	0.16	-0.94	
7,823.00	90.40	359.90	2,877.69	5,290.54	179.25	5,293.41	0.22	0.16	0.16	
7,887.00	90.20	359.00	2,877.36	5,354.53	178.63	5,357.37	1.44	-0.31	-1.41	
8,014.00	90.90	358.60	2,876.14	5,481.50	175.97	5,484.22	0.63	0.55	-0.31	
8,077.00	91.20	359.20	2,874.98	5,544.47	174.76	5,547.14	1.06	0.48	0.95	
8,140.00	91.30	359.70	2,873.61	5,607.46	174.16	5,610.09	0.81	0.16	0.79	
8,204.00	91.20	0.00	2,872.21	5,671.44	173.99	5,674.05	0.49	-0.16	0.47	
8,267.00	91.60	0.90	2,870.67	5,734.42	174.49	5,737.02	1.56	0.63	1.43	
8,330.00	91.30	1.10	2,869.08	5,797.39	175.59	5,800.00	0.57	-0.48	0.32	
8,394.00	90.90	0.80	2,867.85	5,861.37	176.65	5,863.98	0.78	-0.62	-0.47	
8,457.00	89.40	359.80	2,867.69	5,924.37	176.98	5,926.96	2.86	-2.38	-1.59	
8,520.00	89.30	359.50	2,868.40	5,987.36	176.59	5,989.93	0.50	-0.16	-0.48	
8,584.00	89.40	0.00	2,869.13	6,051.36	176.31	6,053.89	0.80	0.16	0.78	
8,711.00	89.80	0.10	2,870.01	6,178.35	176.42	6,180.85	0.32	0.31	0.08	
8,829.00	89.20	0.50	2,871.04	6,296.34	177.04	6,298.82	0.61	-0.51	0.34	
Last MWD Survey 8829 MD/2871.04 TVD 6296.34 N 177.04 E N: 724144.9 E: 616419.2										
8,878.00	89.20	0.50	2,871.73	6,345.34	177.47	6,347.81	0.00	0.00	0.00	
PTB 8878 MD/2871.73 TVD 6345.34 N 177.47 E N: 724193.9 E: 616419.6										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
151.00	150.98	2.23	-0.24	1st MWD Survey	
8,829.00	2,871.04	6,296.34	177.04	Last MWD Survey 8829 MD/2871.04 TVD 6296.34 N 177.04 E N: 724144.9 E: 616419.2	
8,878.00	2,871.73	6,345.34	177.47	PTB 8878 MD/2871.73 TVD 6345.34 N 177.47 E N: 724193.9 E: 616419.6	

Microsoft
Survey Report

Company:	Mack Energy	Local Co-ordinate Reference:	Well Dawson Creek State Com 1H
Project:	Chaves County	TVD Reference:	3588.3+18 @ 3606.30usft
Site:	Sec 36-T15S-R28E	MD Reference:	3588.3+18 @ 3606.30usft
Well:	Dawson Creek State Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Checked By: _____ Approved By: _____ Date: _____

Submit a 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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-005-64359
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Dawson Creek State Com
8. Well Number 1H
9. OGRID Number 013837
10. Pool name or Wildcat Round Tank; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3588' GR

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960 Artesia, NM 88210

4. Well Location
Unit Letter F : 2399 feet from the North line and 1454 feet from the West line
Section 36 Township 15S Range 28E NMPM County Chaves

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: Completion ☒

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.

5/13/2022 - 5/16/2022 Perforated 3290' - 8878', .42, 720 holes. Frac w/ 4,379 15% Acid, 21,431 SW, 843,475 xlink, 100# Mesh 462,900, 30/50 Brown 732,390, 20/40 White 2,419,060, 20/40 Resin 2,450,800. RIH w/ 86 jts 3 1/2" J-55 @ 2,880' 123M 1200 Stator.

Spud Date:

Rig Release Date:

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

SIGNATURE Delilah Flores TITLE Regulatory Technician I DATE 6/6/2022

Type or print name Delilah Flores E-mail address: delilah@mec.com PHONE: 575-748-1288

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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					
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 Dawson Creek State Com		
								6. Well Number: 1H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Mack Energy Corporation						9. OGRID 013837				
10. Address of Operator P.O. Box 960 Artesia, NM 88211-0960						11. Pool name or Wildcat Round Tank; San Andres				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:		36	15S	28E		2399	North	1454	West	Chaves
BH:		25	15S	28E		1326	North	1662	West	Chaves
13. Date Spudded 4/2/2022	14. Date T.D. Reached 4/8/2022		15. Date Rig Released 4/10/2022			16. Date Completed (Ready to Produce) 5/28/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3588' GR		
18. Total Measured Depth of Well 8878'			19. Plug Back Measured Depth 8853'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Submitted		
22. Producing Interval(s), of this completion - Top, Bottom, Name 3290'-8878' Round Tank; San Andres										
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"		48#		218'		17 1/2"		240 sx		
9 5/8"		36#		1198'		12 1/4"		420 sx		
5 1/2" & 7"		26#		8878'		8 3/4"		1940 sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 3290' - 8878', .42, 720 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						3290'-8878'		4,379 bbls 15% Acid, 21,431 SW, 843,475 xlink		
								100 # Mesh 462,900, 30/50 Brown 732,390, 20/40 White		
								2,419,060, 20/40 Resin 2,450,800		
28. PRODUCTION										
Date First Production 6/4/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) 123 M 1200 Stator				Well Status (Prod. or Shut-in) Producing				
Date of Test 6/5/2022	Hours Tested 24 hr	Choke Size	Prod'n For Test Period	Oil - Bbl 164	Gas - MCF 45	Water - Bbl. 1102	Gas - Oil Ratio 7380			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 164	Gas - MCF 45	Water - Bbl. 1102	Oil Gravity - API - (Corr.) 36.6				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robert Chase			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 4/10/2022			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
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										
Signature <i>Delilah Flores</i>			Printed Name Delilah Flores		Title Regulatory Technician I			Date 6/6/2022		
E-mail Address delilah@mec.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 470'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 606'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 878'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1344'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1744'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2074'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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 154998

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 154998
	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.

District I
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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

CONDITIONS

Action 154998

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 154998
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/7/2022