

Schlumberger Drilling and Measurements

Drilling Group

Geo Market Area: South West Texas Basin

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)

Well Reference:

35, 23S, 31E, Eddy NM

32.26785 103.74870

Schlumberger

**NM OIL CONSERVATION
ARTESIA DISTRICT**

SEP 10 2018

30-015-44773

RECEIVED

I, Leslie Bullard certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of March 22, 2018 through May 01, 2018, conduct or supervise the taking of the TelePacer surveys from a depth of 10030.00 feet to a depth of 14830.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of OXY USA Inc. for the Cal-Mon MDP1 35 Federal 3H Well (Original Hole) API No. 30-015-44773 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

Leslie Bullard

By

Leslie Bullard

FS

Subscribed and Sworn to before me this 21st day of June (month) 2018 (yr)

My Commission expires:

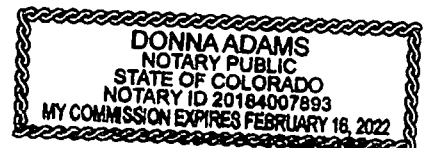
2-16-2022

D. Adams

Notary Public

Adams County Colorado
(County State)

(signature)



Oxy Cal-Mon MDP1 35 Federal 3H Gyro+MWD 0-14,865' Survey Geodetic Report (Def Survey)



Report Date: April 24, 2018 - 04:39 PM Client: OXY Field: NM Eddy County (NAD 83) Structure / Slot: Oxy Cal-Mon MDP1 35 Federal 3H / Oxy Cal-Mon MDP1 35 Federal 3H Well: Oxy Cal-Mon MDP1 35 Federal 3H Borehole: Original Borehole UW / API#: Unknown / 30-015-44773 Survey Name: Oxy Cal-Mon MDP1 35 Federal 3H Gyro+MWD 0-14,865' Survey Date: April 12, 2018 Tort / AHD / DDI / ERD Ratio: 236 218' / 5432.587 ft / 6 275 / 0 536 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet Location Lat / Long: N 32° 16' 4.27234", W 103° 44' 55.43086" Location Grid N/E Y/X: N 461670.270 NUS, E 722029.860 NUS CRS Grid Convergence Angle: 0 3121' ° Grid Scale Factor: 0.99994648 Version / Patch: 2.10.706.0	Survey / DLS Computation: Minimum Curvature / Lubinski Vertical Section Azimuth: 184 210' ° (Grid North) Vertical Section Origin: 0 000 ft, 0 000 ft TVD Reference Datum: RKB=26.5' TVD Reference Elevation: 3489 500 ft above MSL Seabed / Ground Elevation: 3463 000 ft above MSL Magnetic Declination: 6 900' ° Total Gravity Field Strength: 998.4458mgm (9 80665 Based) Gravity Model: GARM Total Magnetic Field Strength: 48064 288 nT Magnetic Dip Angle: 60 019' ° Declination Date: April 12, 2018 Magnetic Declination Model: HDGM 2018 North Reference: Grid North Grid Convergence Used: 0 3121' ° Total Corr Mag North->Grid North: 6 5876' ° Local Coord Referenced To: Well Head	
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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
RKB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	461670.27	722029.86	N 32 16	4 27 W 103 44 55 43
	23 21	0.37	284.19	23 21	-0.01	0.02	-0.07	1.59	461670.29	722029.79	N 32 16	4 27 W 103 44 55 43
	84 90	0.49	152.47	84 90	0.18	-0.17	-0.14	1.27	461670.10	722029.72	N 32 16	4 27 W 103 44 55 43
	177 00	0.54	161.84	177 00	0.91	-0.93	0.17	0.11	461669.34	722030.03	N 32 16	4 26 W 103 44 55 43
	269 50	0.45	175.84	269 49	1.68	-1.70	0.34	0.16	461668.57	722030.20	N 32 16	4 26 W 103 44 55 43
	361 80	0.40	191.45	361 79	2.35	-2.38	0.30	0.14	461667.89	722030.16	N 32 16	4 26 W 103 44 55 43
	454 20	0.40	207.39	454 19	2.97	-2.98	0.09	0.12	461667.29	722029.95	N 32 16	4 24 W 103 44 55 43
	546 60	0.40	227.35	546 58	3.50	-3.49	-0.30	0.15	461666.78	722029.56	N 32 16	4 24 W 103 44 55 43
	639 10	0.47	239.73	639 08	3.95	-3.90	-0.87	0.13	461666.37	722028.99	N 32 16	4 23 W 103 44 55 44
	731 60	0.57	246.32	731 58	4.38	-4.28	-1.61	0.13	461665.99	722028.25	N 32 16	4 23 W 103 44 55 45
	826 00	0.73	256.46	825 97	4.79	-4.60	-2.63	0.21	461665.67	722027.23	N 32 16	4 23 W 103 44 55 46
	888 90	0.13	31.75	888 87	4.84	-4.64	-2.98	1.32	461665.63	722026.88	N 32 16	4 23 W 103 44 55 47
	983 20	0.13	45.07	983 17	4.67	-4.47	-2.85	0.03	461665.80	722027.01	N 32 16	4 23 W 103 44 55 46
	1077 60	0.10	34.04	1077 57	4.52	-4.33	-2.73	0.04	461665.94	722027.13	N 32 16	4 23 W 103 44 55 46
	1172 30	0.11	32.96	1172 27	4.36	-4.18	-2.63	0.01	461666.09	722027.23	N 32 16	4 23 W 103 44 55 46
	1266 70	0.12	27.27	1266 67	4.19	-4.02	-2.54	0.02	461666.25	722027.32	N 32 16	4 23 W 103 44 55 46
	1361 20	0.09	37.38	1361 17	4.04	-3.87	-2.45	0.04	461666.40	722027.41	N 32 16	4 23 W 103 44 55 46
	1455 70	0.11	34.01	1455 67	3.90	-3.74	-2.35	0.02	461666.53	722027.51	N 32 16	4 24 W 103 44 55 46
	1550 40	0.12	31.47	1550 37	3.73	-3.58	-2.25	0.01	461666.69	722027.61	N 32 16	4 24 W 103 44 55 46
	1644 60	0.11	296.46	1644 57	3.61	-3.45	-2.28	0.18	461666.82	722027.58	N 32 16	4 24 W 103 44 55 46
	1739 00	0.13	292.88	1738 97	3.54	-3.37	-2.46	0.02	461666.90	722027.40	N 32 16	4 24 W 103 44 55 46
	1833 60	0.11	296.45	1833 57	3.47	-3.29	-2.64	0.02	461666.98	722027.22	N 32 16	4 24 W 103 44 55 46
	1928 00	0.10	292.47	1927 97	3.41	-3.22	-2.79	0.01	461667.05	722027.07	N 32 16	4 24 W 103 44 55 46
	2022 50	0.10	295.60	2022 47	3.36	-3.15	-2.95	0.01	461667.12	722026.92	N 32 16	4 24 W 103 44 55 47
	2117 00	0.09	297.37	2116 97	3.30	-3.08	-3.09	0.01	461667.19	722026.77	N 32 16	4 24 W 103 44 55 47
	2211 60	0.09	293.27	2211 57	3.25	-3.02	-3.22	0.01	461667.25	722026.64	N 32 16	4 24 W 103 44 55 47
	2306 00	0.09	300.90	2305 97	3.19	-2.95	-3.35	0.01	461667.32	722026.51	N 32 16	4 24 W 103 44 55 47
	2400 50	0.10	295.72	2400 47	3.12	-2.88	-3.49	0.01	461667.39	722026.37	N 32 16	4 24 W 103 44 55 47
	2494 80	0.10	293.04	2494 77	3.07	-2.81	-3.64	0.00	461667.46	722026.22	N 32 16	4 24 W 103 44 55 47
	2589 30	0.14	277.21	2589 27	3.03	-2.76	-3.83	0.05	461667.51	722026.03	N 32 16	4 25 W 103 44 55 48
	2683 50	0.13	288.86	2683 47	3.00	-2.71	-4.04	0.03	461667.56	722025.82	N 32 16	4 25 W 103 44 55 48
	2778 10	0.09	293.83	2778 07	2.95	-2.65	-4.21	0.04	461667.62	722025.65	N 32 16	4 25 W 103 44 55 48
	2872 60	0.14	290.13	2872 57	2.89	-2.58	-4.39	0.05	461667.69	722025.47	N 32 16	4 25 W 103 44 55 48
	2966 90	0.13	282.15	2966 87	2.85	-2.52	-4.60	0.02	461667.75	722025.26	N 32 16	4 25 W 103 44 55 48
	3061 30	0.13	282.79	3061 27	2.82	-2.47	-4.81	0.00	461667.80	722025.05	N 32 16	4 25 W 103 44 55 49
	3155 70	0.15	277.72	3155 67	2.79	-2.43	-5.04	0.02	461667.84	722024.82	N 32 16	4 25 W 103 44 55 49
	3250 20	0.11	291.34	3250 17	2.76	-2.38	-5.25	0.05	461667.89	722024.61	N 32 16	4 25 W 103 44 55 49
	3344 60	0.11	287.79	3344 57	2.71	-2.32	-5.42	0.01	461667.95	722024.44	N 32 16	4 25 W 103 44 55 49
	3439 00	0.10	288.39	3438 97	2.67	-2.26	-5.58	0.01	461668.01	722024.28	N 32 16	4 25 W 103 44 55 50
	3533 40	0.08	285.48	3533 37	2.64	-2.22	-5.72	0.02	461668.05	722024.14	N 32 16	4 25 W 103 44 55 50
	3627 70	0.07	291.68	3627 67	2.61	-2.18	-5.84	0.01	461668.09	722024.02	N 32 16	4 25 W 103 44 55 50
	3722 10	0.06	289.00	3722 07	2.58	-2.15	-5.94	0.01	461668.13	722023.92	N 32 16	4 25 W 103 44 55 50
	3816 50	0.08	293.18	3816 47	2.54	-2.10	-6.05	0.02	461668.17	722023.81	N 32 16	4 25 W 103 44 55 50
	3911 00	0.09	154.95	3910 97	2.58	-2.14	-6.08	0.17	461668.13	722023.78	N 32 16	4 25 W 103 44 55 50
	4005 30	0.08	150.10	4005 27	2.71	-2.28	-6.01	0.01	461667.99	722023.85	N 32 16	4 25 W 103 44 55 50
	4099 70	0.10	141.70	4099 67	2.83	-2.40	-5.92	0.02	461667.87	722023.94	N 32 16	4 25 W 103 44 55 50
	4193 80	0.11	155.45	4193 77	2.97	-2.55	-5.83	0.03	461667.72	722024.03	N 32 16	4 25 W 103 44 55 50
	4288 20	0.13	171.72	4288 16	3.16	-2.74	-5.78	0.04	461667.53	722024.08	N 32 16	4 25 W 103 44 55 50
	4382 60	0.07	191.64	4382 56	3.32	-2.90	-5.78	0.07	461667.37	722024.08	N 32 16	4 24 W 103 44 55 50
	4477 10	0.07	207.02	4477 06	3.43	-3.01	-5.81	0.02	461667.26	722024.05	N 32 16	4 24 W 103 44 55 50
	4571 60	0.09	295.90	4571 56	3.45	-3.03	-5.91	0.12	461667.24	722023.95	N 32 16	4 24 W 103 44 55 50
	4665 80	0.07	180.45	4665 76	3.48	-3.05	-5.97	0.14	461667.22	722023.89	N 32 16	4 24 W 103 44 55 50
	4760 10	0.12	227.09	4760.06	3.61	-3.18	-6.05	0.09	461667.09	722023.81	N 32 16	4 24 W 103 44 55 50
	4854 60	0.14	220.26	4854 56	3.78	-3.52	-6.19	0.03	461666.94	722023.67	N 32 16	4 24 W 103 44 55 50
	4948.80	0.14	213.27	4948 76	3.97	-3.68	-6.33	0.02	461666.84	722023.53	N 32 16	4 24 W 103 44 55 50
	5043 30	0.09	214.10	5043 26	4.14	-3.68	-6.44	0.05	461666.59	722023.42	N 32 16	4 24 W 103 44 55 51
	5137 70	0.14	183.15	5137 66	4.32	-3.85	-6.48	0.08	461666.42	722023.38	N 32 16	4 23 W 103 44 55 51
	5231 90	0.15	158.15	5231 86	4.54	-4.08	-6.44	0.07	461666.19	722023.42	N 32 16	4 23 W 103 44 55 51
	5326 50	0.13	158.19	5326 46	4.75	-4.30	-6.36	0.02	461665.97	722023.50	N 32 16	4 23 W 103 44 55 51
	5421 00	0.15	221.48	5420 96	4.95	-4.49	-6.40	0.16	461665.78	722023.46	N 32 16	4 23 W 103 44 55 51
	5515 40	0.27	137.39	5515 36	5.20	-4.75	-6.33	0.31	461665.52	722023.53	N 32 16	4 23 W 103 44 55 50
	5609 90	0.28	271.55	5609 86	5.36	-4.90	-6.41	0.54	461665.37	722023.45	N 32 16	4 22 W 103 44 55 51
	5704 30	0.22	198.37	5704 26	5.55	-5.07	-6.70	0.32	461665.20	722023.16	N 32 16	4 22 W 103 44 55 51
	5798 80	0.11	156.63	5798 76	5.80	-5.32	-6.72	0.17	461664.95	722023.14	N 32 16	4 22 W 103 44 55 51
	5893 40	0.03	68.96	5893.36	5.87	-5.40	-6.66	0.12	461664.87	722023.20	N 32 16	4 22 W 103 44 55 51
	5987 90	0.17	67.56	5987 86	5.80	-5.34	-6.51	0.15	461664.93	722023.35	N 32 16	4 22 W 103 44 55 51
	6082 30	0.89	31.39	6082 26	5.08	-4.66	-6.00	0.80	461665.61	722023.86	N 32 16	4 23 W 103 44 55 50
	6176 50	1.99	26.71	6176 42	2.92	-2.57	-4.88	1.17	461667.70	722024.98	N 32 16	4 25 W 103 44 55 49
	6271 00	3.77	17.96	6270 80	-1.61	1.85	-3.19	1.93	461872.12	722026.67	N 32 16	4 29 W 103 44 55 47
	6365 30	6.04	6.97	6364 75	-9.58	9.72	-1.63	2.59	461679.99	722028.23	N 32 16	4 37 W 103 44 55 45
	6459 60	5.38	1.11	6458 59	-18.95	19.07	-0.94	0.93	461689.34	722028.92	N 32 16	4 46 W 103 44 55 44
	6554 10	1.26	352.50	6552 91	-24.39	24.53	-0.99	4.38	461694.80	722028.87	N 32 16	4 52 W 103 44 55 44
	6648 60	0.10	70.76	6647 40	-25.44	25.59	-1.05	1.32	461695.86	722028.81	N 32 16	4 53 W 103 44 55 44
	6743 00	0.12	71.81	6741 80	-25.51	25.65	-0.88	0.02	461695.92	722028.98	N 32 16	4

[illegible]

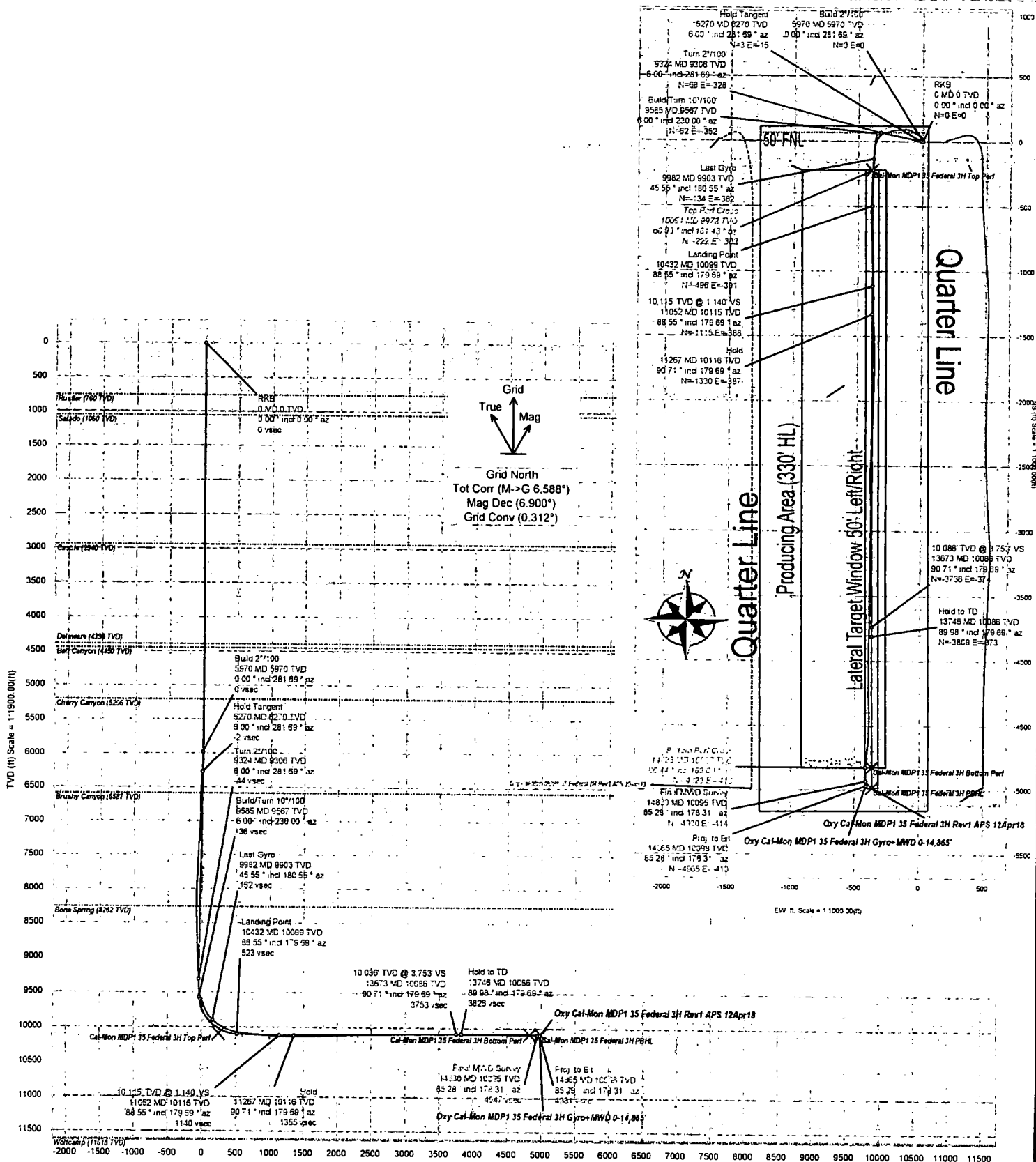
Schlumberger

OXY



Borehole: Original Borehole Well: Oxy Cal-Mon MDP1 35 Federal 3H Field: NM Eddy County (NAD 83) Structure: Oxy Cal-Mon MDP1 35 Federal 3H

Gravity & Magnetic Parameters
 Model: HGM 2018 Dip: 60.01° Date: 12-Apr-2018
 WapDec: 6.9° PS: 48064 238mT Gravity FS: 998.446mm (7.82655 Boxes)
 Surface Location: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Lat: N 32 16 4.27 Northing: 481670 27018 Grid Corn: 0.3121
 Lon: W 103 44 53 43 Easting: 772025 86115 Scale Fact: 0.9994444
 Miscellaneous:
 Oxy Cal-Mon MDP1 35 Federal 3H TVD Ref: RKB=26.5' (488.5' above WSL)
 Plan: Oxy Cal-Mon MDP1 35 Federal 3H Rev1 APS 12Apr18



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. 30-015-44092									
		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 Rock Spur 27 W2AP State							
				6. Well Number: 1H NM OIL CONSERVATION ARTESIA DISTRICT							
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER				SEP 13 2018							
8. Name of Operator Mewbourne Oil Company				9. OGRID 14744							
10. Address of Operator PO Box 5270 Hobbs, NM 88240				11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas) 98220							
12. Location Surface: Unit Ltr Section Township Range Lot Feet from the A 27 24S 28E 250 North BH: P 27 24S 28E 330 South		N/S Line Feet from the E/W Line County North 870 East Eddy South 469 East Eddy									
13. Date Spudded 05/20/2018		14. Date T.D. Reached 06/06/18		15. Date Rig Released 06/09/18							
16. Date Completed (Ready to Produce) 08/28/18		17. Elevations (DF and RKB, RT, GR, etc.) 2963 GL									
18. Total Measured Depth of Well 15370 MD		19. Plug Back Measured Depth 15358 MD		20. Was Directional Survey Made? Yes							
				21. Type Electric and Other Logs Run GR							
22. Producing Interval(s), of this completion - Top, Bottom, Name 10915' - 15330' Wolfcamp											
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		J55		445'		17 1/2"		C 655 - CUC 0	
9 5/8"		40		N80		2475'		12 1/4"		C 600 - CUC 0	
7"		29		HCPHO		10795'		8 3/4"		C 775 Est TOC @ 2175'	
LINER RECORD						TUBING RECORD					
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	
4 1/2"		9995'		15330'		250 - CUC				DEPTH SET	
Hole 6 1/8"		HCPHO 13.5				C				PACKER SET	
26. Perforation record (interval, size, and number) 10915' - 15330' (28 stages, 0.39" EHD, 972 holes)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10915' - 15330' 10,965,444 gals SW, carrying 7,142,060# Local 100 Mesh sand & 3,850,730# 40/70 Local Sand.					
PRODUCTION											
Date First Production 08/28/18			Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing			
Date of Test 08/29/18		Hours Tested 24		Choke Size 26/64"		Prod'n For Test Period		Oil - Bbl 267		Gas - MCF 2873	
								Water - Bbl. 1010		Gas - Oil Ratio 10760	
Flow Tubing Press. NA		Casing Pressure 4800		Calculated 24-Hour Rate		Oil - Bbl. 267		Gas - MCF 2873		Water - Bbl. 1010	
								Oil Gravity - API - (Corr.) 50.0			
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold										30. Test Witnessed By Robin Terrell	
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										33. Rig Release Date: 06/09/18	
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											
Jackie Lathan Printed											
Signature <i>Jackie Lathan</i>				Name Regulatory				Title		09/12/18 Date	
E-mail Address jathan@mewbourne.com											

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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 2395	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	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 2575	T. Morrison	
T. Drinkard	T. Bone Springs 6305	T. Todilto	
T. Abo	T. Castile 1280	T. Entrada	
T. Wolfcamp 9455	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

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

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

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology