



PHOENIX

TECHNOLOGY SERVICES USA INC.

Celebrating 20 Years of Focused Solutions

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

September 10, 2018

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

Dear District 2 - Artesia

Attention: Regulatory Department

Re: Mewbourne Oil
Armstrong 26/35 W1LM Fed Com 2H
Eddy County, NM
API #30-015-43798
Job No. 63454

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Andy Askew	2H	0	925	9/7/18	9/7/18	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 24 2018

RECEIVED

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



Company: Mewbourne

Job #: 63454

Well Name: Armstrong 26/35 W1LM Fed Com 2H

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-43798

TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-09-07	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-09-07	925	1.19	322.39

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.31

Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date: 9/7/18

Print Name: Andy Askew

Signature:



Company: Mewbourne
 Well: Armstrong 26/35 W1LM Fed Com 2H
 Location: Eddy Co., NM
 Rig: Patterson 231

Job Number: 63454
 Grid Corr.: -0.31
 Lat: 32.10
 Long: -103.75

Date: 09-07-18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 29
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
Enter Tie-In Survey on Line 10													
FIELD COPY, NON-DEFINITIVE													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.29	275.41	100	100.00	0.02	0.02 N	0.25 W	0.25	275.41	0.29	0.29	275.41
	200.00	0.40	288.29	100	200.00	0.16	0.16 N	0.84 W	0.85	280.66	0.13	0.11	12.88
	300.00	0.54	292.18	100	299.99	0.44	0.44 N	1.60 W	1.66	285.50	0.14	0.14	3.89
	400.00	0.36	299.59	100	399.99	0.78	0.78 N	2.31 W	2.44	288.59	0.19	-0.18	7.41
	500.00	0.44	293.69	100	499.99	1.09	1.09 N	2.94 W	3.13	290.31	0.09	0.08	-5.90
	600.00	0.33	291.70	100	599.99	1.35	1.35 N	3.56 W	3.80	290.76	0.11	-0.11	-1.99
	700.00	0.70	340.09	100	699.98	2.03	2.03 N	4.03 W	4.51	296.71	0.54	0.37	48.39
	800.00	0.80	341.91	100	799.97	3.27	3.27 N	4.46 W	5.53	306.24	0.10	0.10	1.82
	900.00	1.08	327.48	100	899.96	4.72	4.72 N	5.18 W	7.01	312.37	0.36	0.28	-14.43
	925.00	1.19	322.39	25	924.96	5.13	5.13 N	5.47 W	7.50	313.18	0.60	0.44	-20.36

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 24 2018

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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

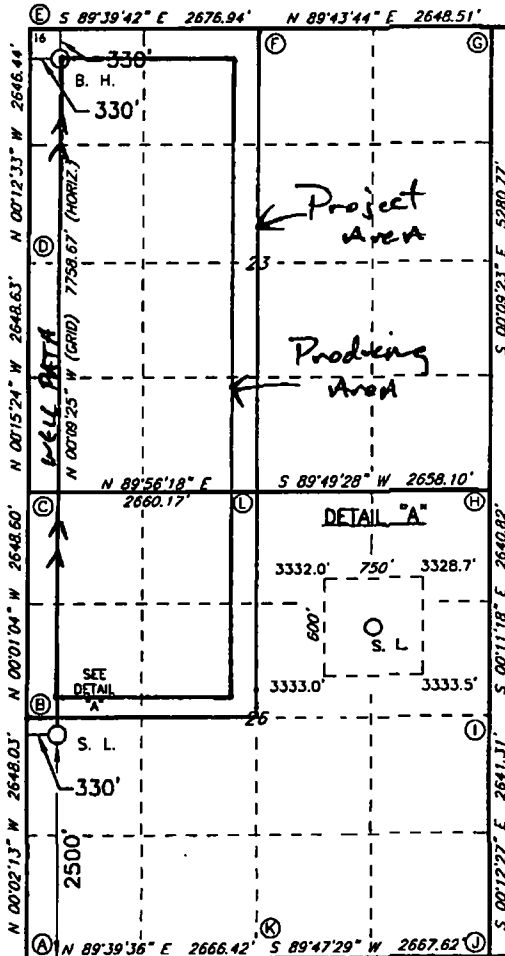
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 015 43798		2 Pool Code 84 335		3 Pool Name ROSS RANCH; WOLF CAMP (GAS)	
4 Property Code 316 248		5 Property Name ARMSTRONG 26X23 W1ED FED COM			6 Well Number 2H
7 GRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3331'
10 Surface Location					
UL or lot no. L	Section 28	Township 25S	Range 31E	Lot Idn 2500	Feet from the North/South line SOUTH
Feet From the East/West line 330		East/West line WEST		County EDDY	
11 Bottom Hole Location If Different From Surface					
UL or lot no. D	Section 23	Township 25S	Range 31E	Lot Idn 330	Feet from the North/South line NORTH
Feet From the East/West line 330		East/West line WEST		County EDDY	
12 Dedicated Acres 480	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 27 GRID - NM EAST
SURFACE LOCATION
N: 400859.6 - E: 678821.5
LAT: 32.10076262° N
LONG: 103.75585189° W
BOTTOM HOLE
N: 408616.8 - E: 678800.2
LAT: 32.12208684° N
LONG: 103.75578624° W
CORNER DATA
NAD 27 GRID - NM EAST
A: FOUND BRASS CAP "1939"
N: 398359.0 - E: 678493.1
B: FOUND BRASS CAP "1939"
N: 401006.5 - E: 678491.4
C: CALCULATED CORNER
N: 403654.8 - E: 678490.8
D: FOUND BRASS CAP "1939"
N: 406302.7 - E: 678478.7
E: CALCULATED CORNER
N: 408948.7 - E: 678489.1
F: FOUND BRASS CAP "1939"
N: 408932.9 - E: 681145.4
G: FOUND 2" PIPE
N: 408945.4 - E: 683793.4
H: FOUND BRASS CAP "1939"
N: 403665.6 - E: 683807.8
I: FOUND BRASS CAP "1939"
N: 401025.3 - E: 683816.5
J: FOUND BRASS CAP "1939"
N: 398384.6 - E: 683826.1
K: FOUND BRASS CAP "1939"
N: 398374.8 - E: 681159.0
L: FOUND BRASS CAP "1939"
N: 403657.5 - E: 681150.3

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.
Signature: **BRADLEY BISHOP** Date: **3-11-16**
Printed Name: **BRADLEY BISHOP**
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.
Date of Survey: **12-04-2015**
Signature and Seal of Professional Surveyor: **ROBERT M. HOWETT**
Certificate Number: **19680**

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1510580