



**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

**HOBBS OCD**

**JUL 23 2018**

**RECEIVED**

June 18, 2018

Oil Conservation Division  
State of New Mexico  
1625 N. French Drive  
Hobbs, New Mexico 88240

Dear District 1 - Hobbs

Attention: Regulatory Department

Re: Mewbourne Oil  
Gazelle 22B3MD Fed Com 1H  
Lea County, New Mexico  
API #30-025-43397  
Job No. 62968

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	1H	0	934	6/17/18	6/17/18	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

# SURVEY CERTIFICATION FORM

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



**HOBBS OCD**

Company: Mewbourne

Job #: 62968

Well Name: Gazelle 22B3MD Fed Com 1H

**JUL 23 2018**

County/State: Lea / NM

Survey Instrument Type: North Seek Rate Gyro

**RECEIVED**

API # 30-025-43397

## TIE-IN DATA

Vertical Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	NS Coordinate	EW Coordinate	Remarks
0	0	0	0	0	0	Surface

## First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-06-17	0	0	0

## Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-06-17	934	0.83	229.63

## Projected TD Survey

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

Gyro Correction
-0.46

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:

6/17/18

Print Name: Andy Askew

Signature:

[Signature]

**HOBBS OCD**  
**JUL 23 2018**  
**RECEIVED**



Company: Mewbourne  
 Well: Gazelle 22B3MD Fed Com 1H  
 Location: Lea Co., NM  
 Rig: Patterson 250

Job Number: 62968  
 Grid Corr.: -0.46  
 Lat: 32.28  
 Long: -103.46

Date: 06-17-18  
 Calculation Method: Minimum Curvature  
 Proposed Azimuth: \_\_\_\_\_  
 RKB - MSL in feet: 29.2  
 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	0.32	36.89	100	100.00	0.22	0.22 N	0.17 E	0.28	36.89	0.32	0.32	36.89
	200.00	0.07	143.43	100	200.00	0.40	0.40 N	0.37 E	0.54	43.07	0.35	-0.25	106.54
	300.00	0.08	207.25	100	300.00	0.29	0.29 N	0.38 E	0.47	52.70	0.08	0.01	63.82
	400.00	0.26	344.04	100	400.00	0.44	0.44 N	0.28 E	0.52	32.48	0.32	0.18	136.79
	500.00	0.16	132.05	100	500.00	0.57	0.57 N	0.32 E	0.65	29.66	0.40	-0.10	-211.99
	600.00	0.35	349.14	100	600.00	0.77	0.77 N	0.37 E	0.86	25.51	0.49	0.19	217.09
	700.00	0.21	14.78	100	700.00	1.25	1.25 N	0.36 E	1.30	15.99	0.18	-0.14	-334.36
	800.00	0.11	320.34	100	800.00	1.50	1.50 N	0.34 E	1.54	12.90	0.17	-0.10	305.56
	900.00	0.04	248.69	100	900.00	1.56	1.56 N	0.25 E	1.58	9.09	0.10	-0.07	-71.65
	934.00	0.83	229.63	34	933.99	1.40	1.40 N	0.05 E	1.40	2.10	2.33	2.32	-56.06

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone (505) 393-6161 Fax (505) 393-6720

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone (505) 748-1283 Fax (505) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6176 Fax (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 478-3333 Fax (505) 478-3462

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

AUG 29 2016

RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-024-43397</b>	Pool Code <b>2209</b>	Pool Name <b>Antelope Ridge, Bone Spring West</b>
Property Code <b>316759</b>	Property Name <b>ANATOLIAN 22 FEDERAL STATE COM</b>	Well Number <b>1H</b>
GRID No. <b>260511</b>	Operator Name <b>GMT EXPLORATION COMPANY LLC</b>	Elevation <b>3471</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
M	22	23 S	34 E		200	SOUTH	756	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
D	22	23 S	34 E		330	NORTH	380	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

	<p>N: 473038.9 E: 814464.0 (NAD83)</p> <p><b>BOTTOM HOLE LOCATION</b> Lat - N 32°17'47.27" Long - W 103°27'54.91" NMSPCE - N 472672.1 E 809566.8 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b> 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 undivided 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.</p> <p><i>[Signature]</i> 6/9/15 Signature Date <b>Keith Kress</b> Printed Name <b>KKress@gmtexploration.com</b> Email Address</p>	
	<p>N: 472989.2 E: 809183.9 (NAD83)</p> <p><b>COMMUNITIZED LANDS</b> -LG76410002</p>	<p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>OCTOBER 09 2014 Date Surveyed Signature of Professional Surveyor <i>[Signature]</i> Certificate No. 7977 Bureau of Land Management</p>	<p>Scale: 1" = 1000' WO Num.: 30828</p>
	<p>N: 467758.8 E: 814512.1 (NAD83)</p> <p><b>SURFACE LOCATION</b> Lat - N 32°17'00.24" Long - W 103°27'50.49" NMSPCE - N 467922.8 E 809985.3 (NAD-83)</p>	<p>Scale: 1" = 1000' WO Num.: 30828</p>	
	<p>N: 467716.9 E: 809231.2 (NAD83)</p> <p><b>COMMUNITIZED LANDS</b> -NM132073</p>		