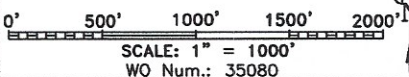


DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462





March 10, 2020

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Jackie Lathan

Re: Burnett Oil Company, Inc.
Jackson A #063
Cedar Lake; Glorieta-Yeso
Eddy County, New Mexico
API# 30-015-45766

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Cody Hash	Original Hole	478ft. to 6,148ft.	02-09-20 to 02-12-20	MWD Survey

A certified plat on which the bottom-hole location is oriented to both 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.

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

Enclosures

CC:

Burnett Oil Company, Inc.
Attn: Steven Hill
801 Cherry St. Unit 9 Ste 1500
Fort Worth, Texas 76102

NMEMaNRD\Burnett Oil Co\Jackson A #063\M201042

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



March 10, 2020

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of February 9, 2020, through February 12, 2020 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 478feet to a depth of 6,148feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Burnett Oil Company, Inc., for the Jackson A #063, well API # **30-015-45766** in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

**STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163**



Stryker Energy Directional Services

Survey Report Landscape



Company: Burnett Oil Company
Project: Eddy County, N.M. (NAD 83)
Site: Section 24-17S-30E
Well: Jackson A 63
Wellbore: Original Hole
Design: As Drilled

Local Co-ordinate Reference:
TVD Reference: 3728+19 @ 3747.0usft
MD Reference: 3728+19 @ 3747.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM5000

Site Section 24-17S-30E
3728+19 @ 3747.0usft
3728+19 @ 3747.0usft
Grid
Minimum Curvature
EDM5000

Project Eddy County, N.M. (NAD 83)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site Section 24-17S-30E

Site Position:
From: Map
Position Uncertainty: 0.0 usft

Northing: 663,930.20 usft
Easting: 666,976.40 usft
Slot Radius: 13-3/16 "
Latitude: 32° 49' 28.212 N
Longitude: 103° 55' 27.588 W
Grid Convergence: 0.22 °

Well Jackson A 63

Well Position +N/-S 0.0 usft
+E/-W 0.0 usft
0.0 usft

Northing: 663,930.20 usft
Easting: 666,976.40 usft
Wellhead Elevation: 19.0 usft
Latitude: 32° 49' 28.212 N
Longitude: 103° 55' 27.588 W
Ground Level: 3,728.0 usft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	02/07/20	6.91	60.44	47,951.00204105

Design As Drilled

Audit Notes:
Version: 1.0
Phase: ACTUAL
Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	335.00

Survey Program Date 02/13/20

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
478.0	6,203.0	Stryker Surveys (Original Hole)	MWD	MWD - Standard

Company: Burnett Oil Company
Project: Eddy County, N.M. (NAD 83)
Site: Section 24-17S-30E
Well: Jackson A 63
Wellbore: Original Hole
Design: As Drilled

Local Co-ordinate Reference:
TVD Reference: 3728+19 @ 3747.0usft
MD Reference: 3728+19 @ 3747.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM5000

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100usft)	Northing (usft)	Easting (usft)
	467.0	1.00	0.00	467.0	0.0	0.0	0.0	0.00	0.00	663,930.20	666,976.40
	478.0	1.50	326.40	478.0	0.2	-0.1	0.2	339.74	7.88	663,930.42	666,976.32
	661.0	1.80	337.30	660.9	4.9	-2.5	5.5	332.66	0.24	663,935.06	666,973.89
	845.0	1.70	345.30	844.8	10.2	-4.3	11.0	336.97	0.14	663,940.37	666,972.08
	1,034.0	0.50	68.10	1,033.8	13.2	-4.3	13.9	342.07	0.91	663,943.39	666,972.13
	1,223.0	1.10	173.30	1,222.8	11.7	-3.3	12.1	344.28	0.70	663,941.89	666,973.11
	1,411.0	0.90	172.10	1,410.8	8.4	-2.9	8.9	341.17	0.11	663,938.64	666,973.52
	1,599.0	0.40	185.50	1,598.8	6.3	-2.7	6.9	336.59	0.28	663,936.52	666,973.66
	1,787.0	0.30	343.60	1,786.7	6.1	-2.9	6.8	334.42	0.37	663,936.34	666,973.46
	1,975.0	0.70	327.80	1,974.7	7.6	-3.7	8.4	334.06	0.22	663,937.79	666,972.71
	2,164.0	1.30	333.40	2,163.7	10.5	-5.3	11.7	333.32	0.32	663,940.68	666,971.13
	2,352.0	0.70	28.90	2,351.7	13.4	-5.7	14.5	337.07	0.57	663,943.59	666,970.73
	2,541.0	1.10	123.40	2,540.7	13.4	-3.6	13.9	344.99	0.71	663,943.60	666,972.81
	2,729.0	1.40	143.20	2,728.6	10.6	-0.7	10.6	356.15	0.28	663,940.77	666,975.69
	2,918.0	1.00	143.10	2,917.6	7.4	1.7	7.6	12.65	0.21	663,937.60	666,978.06
	3,106.0	0.80	153.30	3,105.6	4.9	3.2	5.9	33.34	0.14	663,935.12	666,979.64
	3,295.0	0.50	121.80	3,294.6	3.3	4.5	5.6	53.88	0.24	663,933.51	666,980.93
	3,484.0	0.50	117.70	3,483.5	2.5	6.0	6.5	67.34	0.02	663,932.69	666,982.36
	3,671.0	0.60	131.50	3,670.5	1.5	7.4	7.6	78.86	0.09	663,931.66	666,983.82
	3,859.0	0.60	131.90	3,858.5	0.2	8.9	8.9	89.03	0.00	663,930.35	666,985.29
	4,048.0	0.50	148.00	4,047.5	-1.2	10.1	10.1	96.85	0.10	663,928.99	666,986.46
	4,237.0	1.20	222.50	4,236.5	-3.4	9.2	9.8	110.18	0.62	663,926.83	666,985.56
	4,426.0	1.00	224.20	4,425.5	-6.0	6.7	9.0	132.00	0.11	663,924.19	666,983.07
	4,614.0	0.80	237.20	4,613.4	-7.9	4.4	9.1	150.72	0.15	663,922.30	666,980.83
	4,802.0	0.70	242.40	4,801.4	-9.1	2.3	9.4	165.84	0.06	663,921.06	666,978.71
	4,990.0	0.80	233.10	4,989.4	-10.5	0.2	10.5	178.69	0.08	663,919.74	666,976.64
	5,179.0	1.10	249.30	5,178.4	-11.9	-2.5	12.2	191.93	0.21	663,918.31	666,973.89



Stryker Energy Directional Services
Survey Report Landscape



Company: Burnett Oil Company
Project: Eddy County, N.M. (NAD 83)
Site: Section 24-17S-30E
Well: Jackson A 63
Wellbore: Original Hole
Design: As Drilled

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Site Section 24-17S-30E
3728+19 @ 3747.0usft
3728+19 @ 3747.0usft
Grid
Minimum Curvature
EDM5000

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Close Azimuth (°)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
5,368.0	1.00	317.70	5,367.4	-11.3	-5.3	12.5	205.18	0.63	663,918.89	666,971.08
5,556.0	1.00	355.50	5,555.3	-8.5	-6.6	10.7	217.74	0.34	663,921.73	666,969.85
5,744.0	1.20	352.10	5,743.3	-4.9	-7.0	8.5	234.93	0.11	663,925.32	666,969.45
5,932.0	2.20	359.00	5,931.2	0.7	-7.3	7.3	275.32	0.54	663,930.88	666,969.11
6,121.0	2.50	13.50	6,120.1	8.3	-6.4	10.5	322.47	0.35	663,938.51	666,970.01
6,148.0	2.50	14.70	6,147.0	9.5	-6.1	11.3	327.17	0.19	663,939.66	666,970.30
6,203.0	2.50	14.70	6,202.0	11.8	-5.5	13.0	335.00	0.00	663,941.98	666,970.91

6203.0' Projected to bit

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
6,203.0	6,202.0	11.8	-5.5	6203.0' Projected to bit

Checked By: _____

Approved By: _____

Date: _____



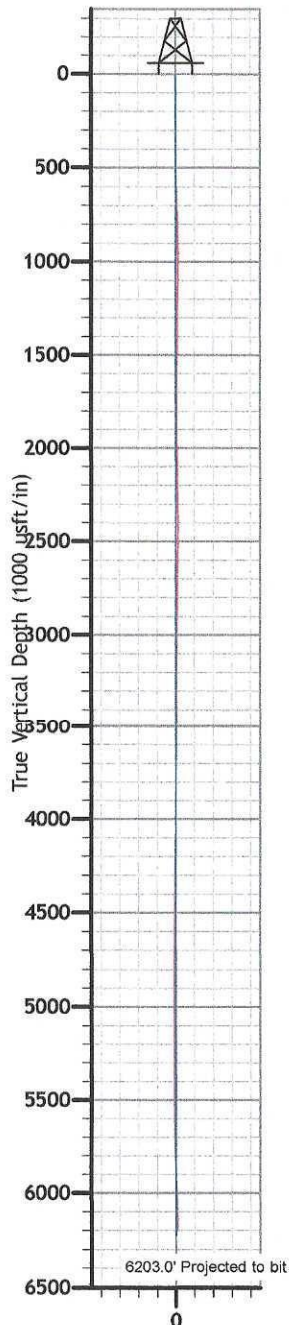
COMPANY: Burnett Oil Company
WELL: Jackson A 63
COUNTY: Eddy County, N.M. (NAD 83)
DATUM: North American Datum 1983
RIG: Ensign T436



OFFICE: 936.582.7296

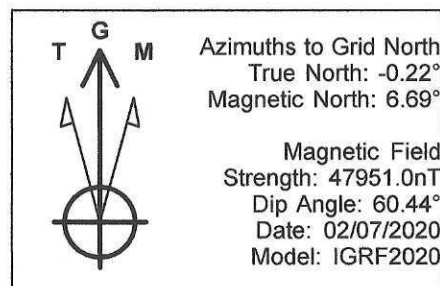
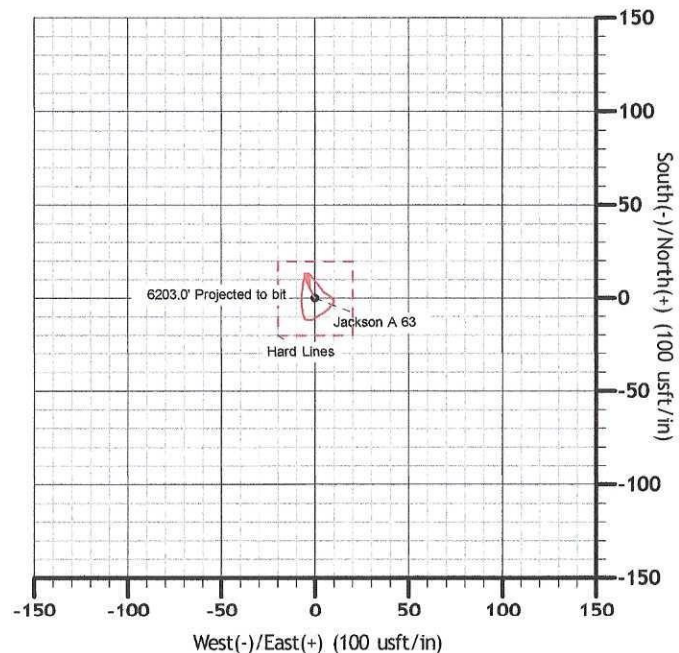
GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.69°
True Correction: To convert a Magnetic Direction to a True Direction, Add 6.91° East

GEODETIC ZONE: New Mexico Eastern Zone										
3728+19 @ 3747.0usft										
GROUND ELEVATION: 3728.0										
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot				
0.0	0.0	663930.20	666976.40	32° 49' 28.212 N	103° 55' 27.588 W					
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	6225.0	0.00	0.00	6225.0	0.0	0.0	0.00	0.00	0.0	



Vertical Section at 0.00° (1000 usft/in)

Section 24-17S-30E



SHL: 990' FNL; 2310' FEL
Section 24B-17S-30E