



**Burnett Oil Company,
Inc.**

EOW

REPORT

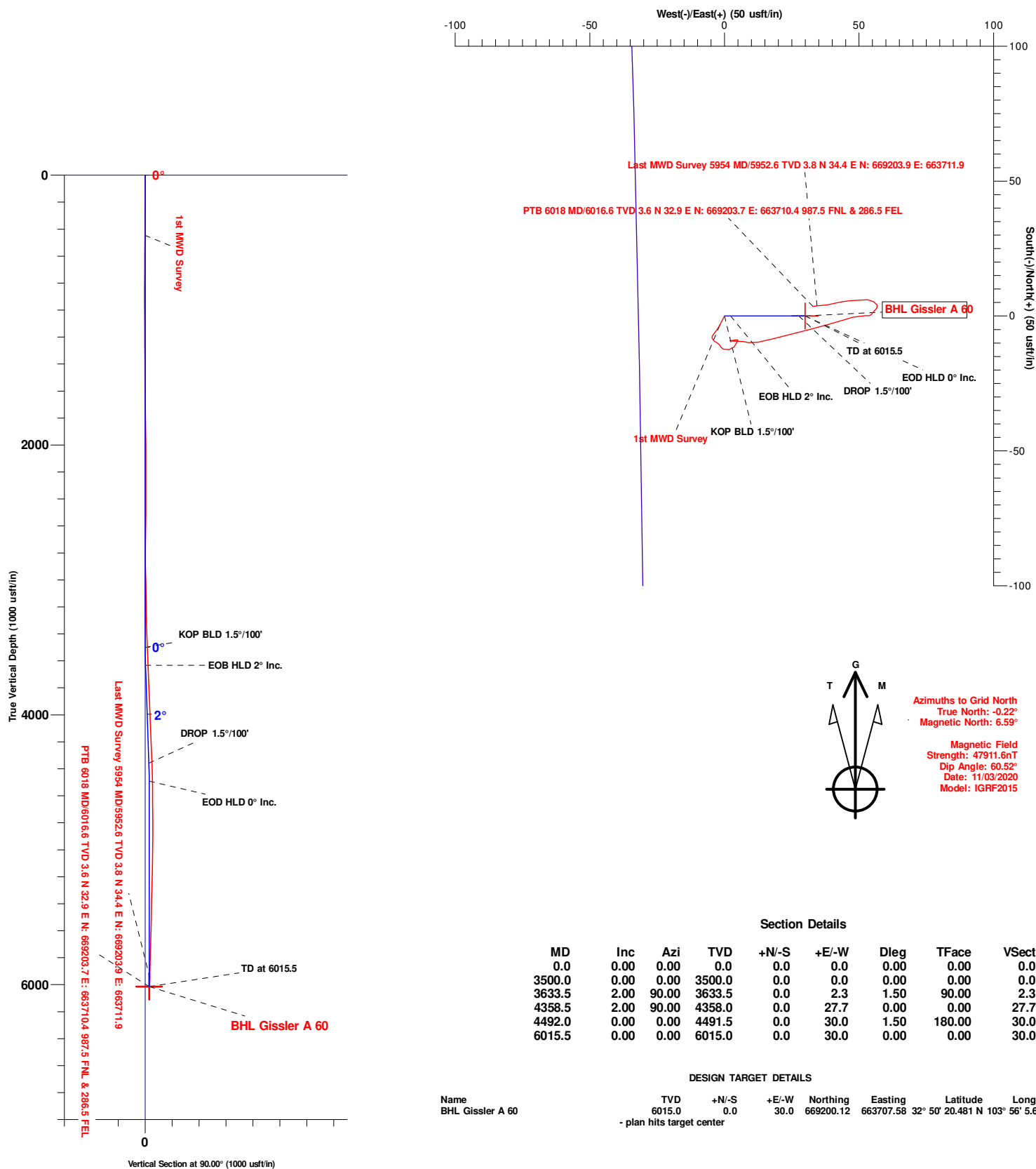
Gissler A 60

Eddy County, NM

11/02/2020-11/05/2020

Burnett Oil Company, Inc.
 Project: Eddy County, NM NAD 83
 Site: Sec 14-T17S-R30E
 Well: Gissler A 60
 Wellbore: Wellbore #1
 Plan: Plan #4 (Gissler A 60/Wellbore #1)

Gissler A 60
 3718.0
 RKB Elevation: 3718+17 @ 3735.0usft
 North American Datum 1983
 0.00 669200.12 663677.58 32° 50' 20.482 N 103° 56' 6.015 W



Section Details

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
3500.0	0.00	0.00	3500.0	0.0	0.0	0.00	0.00	0.0
3633.5	2.00	90.00	3633.5	0.0	2.3	1.50	90.00	2.3
4358.5	2.00	90.00	4358.0	0.0	27.7	0.00	0.00	27.7
4492.0	0.00	0.00	4491.5	0.0	30.0	1.50	180.00	30.0
6015.5	0.00	0.00	6015.0	0.0	30.0	0.00	0.00	30.0

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL Gissler A 60	6015.0	0.0	30.0	669200.12	663707.58	32° 50' 20.481 N	103° 56' 5.663 W

- plan hits target center



PANTHER

Burnett Oil Company, Inc.

Eddy County, NM NAD 83

Sec 14-T17S-R30E

Gissler A 60

Wellbore #1

Survey: Survey #1

Standard Survey Report

13 November, 2020

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 60
Project:	Eddy County, NM NAD 83	TVD Reference:	3718+17 @ 3735.0usft
Site:	Sec 14-T17S-R30E	MD Reference:	3718+17 @ 3735.0usft
Well:	Gissler A 60	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Project	Eddy County, NM NAD 83		
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 14-T17S-R30E											
Site Position:			Northing:			669,201.50 usft			Latitude:			32° 50' 20.496 N					
From:			Map			Easting:			663,666.80 usft			Longitude:			103° 56' 6.141 W		
Position Uncertainty:			0.0 usft			Slot Radius:			13-3/16 "			Grid Convergence:			0.22 °		

Well	Gissler A 60					
Well Position	+N/-S	0.0 usft	Northing:	669,200.12 usft	Latitude:	32° 50' 20.482 N
	+E/-W	0.0 usft	Easting:	663,677.58 usft	Longitude:	103° 56' 6.015 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,718.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/03/20	6.80	60.52	47,911.61509352

Design	Wellbore #1				
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	83.76	

Survey Program	Date	11/13/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
447.0	6,018.0	Survey #1 (Wellbore #1)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
447.0	0.97	206.89	447.0	-3.4	-1.7	-2.1	0.22	0.22	0.00
1st MWD Survey									
571.0	0.92	220.78	571.0	-5.1	-2.8	-3.4	0.19	-0.04	11.20
697.0	0.62	210.67	697.0	-6.4	-3.8	-4.5	0.26	-0.24	-8.02
823.0	0.40	209.09	822.9	-7.4	-4.4	-5.2	0.17	-0.17	-1.25
949.0	0.31	178.68	948.9	-8.1	-4.6	-5.5	0.16	-0.07	-24.13
1,137.0	0.62	126.12	1,136.9	-9.2	-3.8	-4.8	0.26	0.16	-27.96
1,263.0	0.53	123.13	1,262.9	-9.9	-2.7	-3.8	0.08	-0.07	-2.37
1,388.0	0.53	133.06	1,387.9	-10.7	-1.8	-3.0	0.07	0.00	7.94
1,513.0	0.44	169.98	1,512.9	-11.5	-1.3	-2.6	0.26	-0.07	29.54

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 60
Project:	Eddy County, NM NAD 83	TVD Reference:	3718+17 @ 3735.0usft
Site:	Sec 14-T17S-R30E	MD Reference:	3718+17 @ 3735.0usft
Well:	Gissler A 60	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 (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,638.0	0.75	109.42	1,637.9	-12.3	-0.5	-1.8	0.53	0.25	-48.45
1,763.0	1.27	85.69	1,762.9	-12.4	1.7	0.3	0.53	0.42	-18.98
1,889.0	0.92	30.14	1,888.9	-11.5	3.6	2.3	0.85	-0.28	-44.09
2,014.0	0.66	29.09	2,013.9	-10.0	4.4	3.3	0.21	-0.21	-0.84
2,140.0	0.26	31.55	2,139.9	-9.1	4.9	3.9	0.32	-0.32	1.95
2,266.0	0.09	257.52	2,265.9	-8.9	5.0	4.0	0.26	-0.13	-106.37
2,391.0	0.22	282.13	2,390.9	-8.8	4.7	3.7	0.11	0.10	19.69
2,517.0	0.35	262.62	2,516.9	-8.8	4.0	3.1	0.13	0.10	-15.48
2,642.0	0.44	260.68	2,641.9	-9.0	3.2	2.2	0.07	0.07	-1.55
2,768.0	0.53	261.12	2,767.9	-9.1	2.1	1.1	0.07	0.07	0.35
2,894.0	1.10	91.05	2,893.8	-9.2	2.8	1.8	1.29	0.45	-134.98
3,020.0	0.97	93.95	3,019.8	-9.3	5.0	4.0	0.11	-0.10	2.30
3,146.0	0.79	92.72	3,145.8	-9.4	7.0	5.9	0.14	-0.14	-0.98
3,271.0	1.05	110.13	3,270.8	-9.9	8.9	7.8	0.30	0.21	13.93
3,396.0	2.46	76.81	3,395.7	-9.7	12.6	11.5	1.35	1.13	-26.66
3,522.0	2.29	77.17	3,521.6	-8.5	17.7	16.7	0.14	-0.13	0.29
3,647.0	2.37	74.27	3,646.5	-7.2	22.6	21.7	0.11	0.06	-2.32
3,773.0	2.24	77.69	3,772.4	-6.0	27.5	26.7	0.15	-0.10	2.71
3,898.0	2.46	74.27	3,897.3	-4.7	32.5	31.8	0.21	0.18	-2.74
4,024.0	2.42	75.14	4,023.2	-3.3	37.7	37.1	0.04	-0.03	0.69
4,149.0	2.37	73.56	4,148.1	-1.9	42.7	42.2	0.07	-0.04	-1.26
4,274.0	2.42	72.86	4,273.0	-0.4	47.7	47.4	0.05	0.04	-0.56
4,400.0	1.76	96.41	4,398.9	0.2	52.2	51.9	0.85	-0.52	18.69
4,525.0	0.66	40.87	4,523.9	0.5	54.5	54.3	1.19	-0.88	-44.43
4,651.0	0.75	33.22	4,649.9	1.7	55.5	55.3	0.10	0.07	-6.07
4,776.0	0.84	52.73	4,774.9	3.0	56.6	56.6	0.23	0.07	15.61
4,902.0	0.70	310.69	4,900.8	4.0	56.8	56.9	0.95	-0.11	-80.98
5,028.0	0.92	319.13	5,026.8	5.3	55.5	55.8	0.20	0.17	6.70
5,154.0	1.49	269.56	5,152.8	6.0	53.2	53.6	0.90	0.45	-39.34
5,279.0	1.49	266.66	5,277.8	5.9	50.0	50.3	0.06	0.00	-2.32
5,404.0	1.32	264.64	5,402.7	5.7	46.9	47.3	0.14	-0.14	-1.62
5,530.0	1.27	261.91	5,528.7	5.4	44.1	44.4	0.06	-0.04	-2.17
5,656.0	1.41	257.08	5,654.7	4.8	41.2	41.5	0.14	0.11	-3.83
5,782.0	1.36	258.84	5,780.6	4.2	38.2	38.5	0.05	-0.04	1.40
5,907.0	1.23	270.09	5,905.6	3.9	35.4	35.7	0.23	-0.10	9.00
5,954.0	1.36	261.30	5,952.6	3.8	34.4	34.6	0.50	0.28	-18.70
Last MWD Survey 5954 MD/5952.6 TVD 3.8 N 34.4 E N: 669203.9 E: 663711.9									
6,018.0	1.36	261.30	6,016.6	3.6	32.9	33.1	0.00	0.00	0.00
PTB 6018 MD/6016.6 TVD 3.6 N 32.9 E N: 669203.7 E: 663710.4 987.5 FNL & 286.5 FEL									



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Well:	Gissler A 60	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
447.0	447.0	-3.4	-1.7	1st MWD Survey
5,954.0	5,952.6	3.8	34.4	Last MWD Survey 5954 MD/5952.6 TVD 3.8 N 34.4 E N: 669203.9 E: 663711.9
6,018.0	6,016.6	3.6	32.9	PTB 6018 MD/6016.6 TVD 3.6 N 32.9 E N: 669203.7 E: 663710.4 987.5 FNL &

Checked By:	_____	Approved By:	_____	Date:	_____
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	JOB NO.:	911D-2020	Report Time:	2400	1 of 1
	Company:	Burnett Oil Company, Inc.	API JOB #		
	LOCATION:	Eddy County	WORK ORDER#		
	RIG NAME:	Ensign T436	FIELD:	Cedar Lake Glorita Yeso	
	STATE:	NM	Legal Desc.	Township-Section-Range --	
	COUNTY:	Eddy			
	WELL NAME:	Gissler A 60			

From Monday, November 02, 2020 at 0000 to Monday, November 02, 2020 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	364.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	364.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	.00 PPG	GAS	0	YP	0	BHT°	.0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	.0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL						CASING			BHA	
Lead Directional :		John Overton				Size	lbf/Ft	Set Depth	N/A	
Second Directional :		Greg Hickey				20.00	.00	.00		
MWD Operator1		Ben Unruh								
MWD Operator2										
Directional Company:		Panther								
Geologist:						Signature:				
Company Man:		Walter Royce						Daily Cost		\$4,400.00
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:		\$4,400.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Nov-20	00:00	17:00	17.00	364.0	364.0	Standby	Arrive on Location, Rlg up & Strap Tools
2-Nov-20	17:00	24:00	7.00	364	364	Standby	Run Bond Log and Cement w/ 2"

	JOB NO.:	911D-2020	Report Time:	2400	2 of 3
	Company:	Burnett Oil Company, Inc.	API JOB #	30-015-47066	
	LOCATION:	Eddy County	WORK ORDER#		
	RIG NAME:	Ensign T436	FIELD:	Cedar Lake Glorita Yeso	
	STATE:	NM	Legal Desc.	Township-Section-Range --	
	COUNTY:	Eddy			
	WELL NAME:	Gissler A 60			

From Tuesday, November 03, 2020 at 0000 to Tuesday, November 03, 2020 at 2400

DRILLING SUMMARY					Drilling Parameters												
Start Depth		364.00	Rotary Hours		14.25	WOB		35	Pick UP		106	Slack Off		97	SPM		
End Depth		2760.00	Circulating Hours		0.00	RAB		100	SPP		2500	FlowRate		0 - 605	172		
Total Drilled:		2396.00	Avg. Total ROP:		166.20	Mud Data											
Total Rotary Drilled:		2382.00	Avg. Rotary ROP:		167.16	Type	Brine					PV	0	SOLID	0		
Total Drilled Sliding:		14.00	Avg. Slide ROP:		84.00	Weight		10.10 PPG	GAS		0	YP	0	BHT°	107.0		
Slide Hours:		0.17	Percent Rotary:		99.42	Viscosity		28	SAND		0	PH	10	Flow T°	.0		
Below Rotary Hrs.		20.00	Percent Slide:		.58	Chlorides		0	WL		0			Oil %	0		
PERSONNEL					CASING							BHA					
Lead Directional :		John Overton			Size		lbf/Ft		Set Depth		BHA # 1:DD406TX, 7/8 5.0 1.5°Fix TS, 7 5/8" Stabilizer, Shock Sub, UBHO, NMDC (MWD), 7 5/8" Stabilizer, 6 - 6 1/2" Drill Collars, 4-1/2 IF to 4-1/2XH, 10 jts HWDP, ,						
Second Directional :		Greg Hickey			20.00		.00		.00								
MWD Operator1		Ben Unruh															
MWD Operator2																	
Directional Company:		Panther															
Geologist:					Signature:												
Company Man:		Walter Roye							Daily Cost			\$7,700.00					
Incl. In:		0	Azm. In:		0	Incl. Out:		0.44	Azm. Out:		260.68	Cummulative Cost:			\$12,100.00		

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Nov-20	00:00	04:00	4.00	364.0	364.0	Standby	Nipple up & Test
3-Nov-20	04:00	05:15	1.25	364	364	Change BHA	P/U BHA01, Scribe
3-Nov-20	05:15	06:00	0.75	364	364	TIH	TIH
3-Nov-20	06:00	07:00	1.00	364	364	Rig Service-Inhole	Slip & Cut Drill Line
3-Nov-20	07:00	07:50	0.83	364	364	Drilling Cement	Drill Shoe Track
3-Nov-20	07:50	09:00	1.17	364	511	Drilling	Drilling - (WOB:20.00;GPM :598.00;RPM:60)
3-Nov-20	09:00	09:10	0.17	511	511	Survey & Conn.	Survey & Conn.@447m Inc 0.79° Azm 92.72°
3-Nov-20	09:10	09:50	0.67	511	635	Drilling	Drilling - (WOB:20.00;GPM :598.00;RPM:60)
3-Nov-20	09:50	10:00	0.17	635	635	Survey & Conn.	Survey & Conn.@511m Inc 0.9840174° Azm 92.72°
3-Nov-20	10:00	10:35	0.58	635	761	Drilling	Drilling - (WOB:20.00;GPM :598.00;RPM:60)
3-Nov-20	10:35	10:45	0.17	761	761	Survey & Conn.	Survey & Conn.@511m Inc 0.9840174° Azm 92.72°
3-Nov-20	10:45	11:15	0.50	761	887	Drilling	Drilling - (WOB:20.00;GPM :598.00;RPM:60)
3-Nov-20	11:15	11:25	0.17	887	887	Survey & Conn.	Survey & Conn.@823m Inc 0.4° Azm 209.09°
3-Nov-20	11:25	11:55	0.50	887	1013	Drilling	Drilling - (WOB:25.00;GPM :598.00;RPM:70)
3-Nov-20	11:55	12:05	0.17	1013	1013	Survey & Conn.	Survey & Conn.@949m Inc 0.31° Azm 178.68°
3-Nov-20	12:05	12:45	0.67	1013	1201	Drilling	Drilling - (WOB:25.00;GPM :598.00;RPM:70)
3-Nov-20	12:45	13:00	0.25	1201	1201	Survey & Conn.	Survey & Conn.@1137m Inc 0.62° Azm 126.12°
3-Nov-20	13:00	13:50	0.83	1201	1327	Drilling	Drilling - (WOB:25.00;GPM :598.00;RPM:70)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Nov-20	13:50	14:00	0.17	1327	1327	Survey & Conn.	Survey & Conn.@1263m Inc 0.53° Azm 123.13°
3-Nov-20	14:00	14:45	0.75	1327	1452	Drilling	Drilling - (WOB:25.00;GPM :598.00;RPM:70)
3-Nov-20	14:45	14:55	0.17	1452	1452	Survey & Conn.	Survey & Conn.@1388m Inc 0.53° Azm 133.06°
3-Nov-20	14:55	15:50	0.92	1452	1577	Drilling	Drilling - (WOB:25.00;GPM :598.00;RPM:70)
3-Nov-20	15:50	16:00	0.17	1577	1577	Survey & Conn.	Survey & Conn.@1513m Inc 0.44° Azm 169.98°
3-Nov-20	16:00	16:35	0.58	1577	1639	Drilling	Drilling - (WOB:26.00;GPM :598.00;RPM:70)
3-Nov-20	16:35	16:40	0.08	1639	1647	Sliding	Sliding - (WOB:26.00;GPM :598.00;TF:30M)
3-Nov-20	16:40	17:00	0.33	1647	1702	Drilling	Drilling - (WOB:26.00;GPM :598.00;RPM:70)
3-Nov-20	17:00	17:15	0.25	1702	1702	Survey & Conn.	Survey & Conn.@1638m Inc 0.75° Azm 109.42°
3-Nov-20	17:15	18:10	0.92	1702	1827	Drilling	Drilling - (WOB:26.00;GPM :598.00;RPM:70)
3-Nov-20	18:10	18:20	0.17	1827	1827	Survey & Conn.	Survey & Conn.@1763m Inc 1.27° Azm 85.69°
3-Nov-20	18:20	18:25	0.08	1827	1836	Drilling	Drilling - (WOB:30.00;GPM :605.00;RPM:60)
3-Nov-20	18:25	18:30	0.08	1836	1842	Sliding	Sliding - (WOB:30.00;GPM :598;TFO:300M))
3-Nov-20	18:30	20:00	1.50	1842	2078	Drilling	Drilling - (WOB:32.00;GPM :605.00;RPM:60)
3-Nov-20	20:00	20:05	0.08	2078	2078	Survey & Conn.	Survey & Conn.@2014m Inc 0.66° Azm 29.09°
3-Nov-20	20:05	20:45	0.67	2078	2204	Drilling	Drilling - (WOB:32.00;GPM :605.00;RPM:60)
3-Nov-20	20:45	20:55	0.17	2204	2204	Survey & Conn.	Survey & Conn.@2140m Inc 0.26° Azm 31.55°
3-Nov-20	20:55	21:30	0.58	2204	2330	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:60)
3-Nov-20	21:30	21:35	0.08	2330	2330	Survey & Conn.	Survey & Conn.@2266m Inc 0.09° Azm 257.52°
3-Nov-20	21:35	22:15	0.67	2330	2455	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:60)
3-Nov-20	22:15	22:20	0.08	2455	2455	Survey & Conn.	Survey & Conn.@2391m Inc 0.22° Azm 282.13°
3-Nov-20	22:20	22:55	0.58	2455	2581	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:60)
3-Nov-20	22:55	23:00	0.08	2581	2581	Survey & Conn.	Survey & Conn.@2517m Inc 0.35° Azm 262.62°
3-Nov-20	23:00	23:35	0.58	2581	2706	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:60)
3-Nov-20	23:35	23:40	0.08	2706	2706	Survey & Conn.	Survey & Conn.@2642m Inc 0.44° Azm 260.68°
3-Nov-20	23:40	24:00	0.33	2706	2760	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:63)

	JOB NO.:	911D-2020	Report Time:	2400	3 of 3
	Company:	Burnett Oil Company, Inc.	API JOB #	30-015-47066	
	LOCATION:	Eddy County	WORK ORDER#		
	RIG NAME:	Ensign T436	FIELD:	Cedar Lake Glorita Yeso	
	STATE:	NM	Legal Desc.	Township-Section-Range	
	COUNTY:	Eddy			
	WELL NAME:	Gissler A 60			

From Wednesday, November 04, 2020 at 0000 to Wednesday, November 04, 2020 at 2400

DRILLING SUMMARY						Drilling Parameters							
Start Depth	2760.00	Rotary Hours	19.08	WOB	40	Pick UP	175	Slack Off	147	SPM			
End Depth	5846.00	Circulating Hours	0.00	RAB	155	SPP	2850	FlowRate	500 - 605	172			
Total Drilled:	3086.00	Avg. Total ROP:	155.60	Mud Data									
Total Rotary Drilled:	3043.00	Avg. Rotary ROP:	159.46	Type	Brine			PV	0	SOLID	0		
Total Drilled Sliding:	43.00	Avg. Slide ROP:	57.33	Weight	10.00 PPG	GAS	0	YP	0	BHT°	118.0		
Slide Hours:	0.75	Percent Rotary:	98.61	Viscosity	28	SAND	0	PH	9	Flow T°	.0		
Below Rotary Hrs.	24.00	Percent Slide:	1.39	Chlorides	0	WL	0			Oil %	0		
PERSONNEL				CASING					BHA				
Lead Directional :	John Overton			Size	Ibf/Ft	Set Depth		BHA # 1:DD406TX, 7/8 5.0 1.5°Fix TS, 7 5/8" Stabilizer, Shock Sub, UBHO, NMDC (MWD), 7 5/8" Stabilizer, 6 - 6 1/2" Drill Collars, 4-1/2 IF to 4-1/2XH, 10 jts HWDP, ,					
Second Directional :	Greg Hickey			20.00	.00	.00							
MWD Operator1	Ben Unruh												
MWD Operator2													
Directional Company:	Panther												
Geologist:				Signature:									
Company Man:	Walter Royce						Daily Cost		\$6,700.00				
Incl. In:	0.44	Azm. In:	260.68	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:		\$18,800.00			

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Nov-20	00:00	00:25	0.42	2760.0	2832.0	Drilling	Drilling - (WOB:36.00;GPM :605.00;RPM:60)
4-Nov-20	00:25	00:30	0.08	2832	2832	Survey & Conn.	Survey & Conn.@2768m Inc 0.53° Azm 261.12°
4-Nov-20	00:30	00:35	0.08	2832	2850	Drilling	Drilling - (WOB:36.00;GPM :605.00;RPM:60)
4-Nov-20	00:35	00:40	0.08	2850	2858	Sliding	Sliding - (WOB:30.00;GPM :598;TFO:60M))
4-Nov-20	00:40	01:20	0.67	2858	2958	Drilling	Drilling - (WOB:36.00;GPM :605.00;RPM:60)
4-Nov-20	01:20	01:25	0.08	2958	2958	Survey & Conn.	Survey & Conn.@2894m Inc 1.1° Azm 91.05°
4-Nov-20	01:25	02:15	0.83	2958	3084	Drilling	Drilling - (WOB:36.00;GPM :605.00;RPM:60)
4-Nov-20	02:15	02:20	0.08	3084	3084	Survey & Conn.	Survey & Conn.@3020m Inc 0.97° Azm 93.95°
4-Nov-20	02:20	03:05	0.75	3084	3210	Drilling	Drilling - (WOB:36.00;GPM :605.00;RPM:60)
4-Nov-20	03:05	03:10	0.08	3210	3210	Survey & Conn.	Survey & Conn.@3146m Inc 0.79° Azm 92.72°
4-Nov-20	03:10	03:55	0.75	3210	3335	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:60)
4-Nov-20	03:55	04:05	0.17	3335	3335	Survey & Conn.	Survey & Conn.@3271m Inc 1.05° Azm 110.13°
4-Nov-20	04:05	04:20	0.25	3335	3370	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:60)
4-Nov-20	04:20	04:25	0.08	3370	3377	Sliding	Sliding - (WOB:30.00;GPM :598;TFO:40M))
4-Nov-20	04:25	04:45	0.33	3377	3460	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:60)
4-Nov-20	04:45	04:55	0.17	3460	3460	Survey & Conn.	Survey & Conn.@3396m Inc 2.46° Azm 76.81°
4-Nov-20	04:55	05:30	0.33	3460	3586	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:60)
4-Nov-20	05:30	05:35	0.00	3586	3586	Survey & Conn.	Survey & Conn.@3522m Inc 2.29° Azm 77.17°

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Nov-20	05:35	06:05	0.00	3586	3711	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	06:05	06:15	0.00	3711	3711	Survey & Conn.	Survey & Conn.@3647m Inc 2.37° Azm 74.27°
4-Nov-20	06:15	06:45	0.00	3711	3837	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	06:45	06:55	0.00	3837	3837	Survey & Conn.	Survey & Conn.@3773m Inc 2.24° Azm 77.69°
4-Nov-20	06:55	07:25	0.00	3837	3962	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	07:25	07:35	0.00	3962	3962	Survey & Conn.	Survey & Conn.@3898m Inc 2.46° Azm 74.27°
4-Nov-20	07:35	08:05	0.00	3962	4088	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	08:05	08:15	0.00	4088	4088	Survey & Conn.	Survey & Conn.@4024m Inc 2.42° Azm 75.14°
4-Nov-20	08:15	08:45	0.00	4088	4213	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	08:45	08:55	0.00	4213	4213	Survey & Conn.	Survey & Conn.@4149m Inc 2.37° Azm 73.56°
4-Nov-20	08:55	09:30	0.00	4213	4307	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	09:30	09:40	0.00	4307	4315	Sliding	Sliding - (WOB:25.00;GPM :598;TFO:250M))
4-Nov-20	09:40	09:45	0.00	4315	4338	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	09:45	09:55	0.00	4338	4338	Survey & Conn.	Survey & Conn.@4274m Inc 2.42° Azm 72.86°
4-Nov-20	09:55	10:20	0.00	4338	4433	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	10:20	10:30	0.00	4433	4441	Sliding	Sliding - (WOB:25.00;GPM :598;TFO:280M))
4-Nov-20	10:30	10:35	0.00	4441	4464	Drilling	Drilling - (WOB:37.00;GPM :605.00;RPM:65)
4-Nov-20	10:35	10:45	0.00	4464	4464	Survey & Conn.	Survey & Conn.@4400m Inc 1.76° Azm 96.41°
4-Nov-20	10:45	11:35	0.00	4464	4589	Drilling	Drilling - (WOB:35.00;GPM :500.00;RPM:50)
4-Nov-20	11:35	11:45	0.00	4589	4589	Survey & Conn.	Survey & Conn.@4525m Inc 0.66° Azm 40.87°
4-Nov-20	11:45	12:35	0.00	4589	4715	Drilling	Drilling - (WOB:35.00;GPM :500.00;RPM:50)
4-Nov-20	12:35	12:45	0.00	4715	4715	Survey & Conn.	Survey & Conn.@4651m Inc 0.75° Azm 33.22°
4-Nov-20	12:45	13:40	0.00	4715	4840	Drilling	Drilling - (WOB:35.00;GPM :500.00;RPM:50)
4-Nov-20	13:40	13:50	0.00	4840	4840	Survey & Conn.	Survey & Conn.@4776m Inc 0.84° Azm 52.73°
4-Nov-20	13:50	14:05	0.00	4840	4872	Drilling	Drilling - (WOB:35.00;GPM :500.00;RPM:50)
4-Nov-20	14:05	14:10	0.00	4872	4879	Sliding	Sliding - (WOB:35.00;GPM :598;TFO:270M))
4-Nov-20	14:10	14:45	0.00	4879	4966	Drilling	Drilling - (WOB:35.00;GPM :598.00;RPM:60)
4-Nov-20	14:45	14:55	0.00	4966	4966	Survey & Conn.	Survey & Conn.@4902m Inc 0.7° Azm 310.69°
4-Nov-20	14:55	15:30	0.00	4966	5029	Drilling	Drilling - (WOB:37.00;GPM :598.00;RPM:60)
4-Nov-20	15:30	16:10	0.00	5029	5029	Rig Service-Inhole	Rig Service-Inhole
4-Nov-20	16:10	16:40	0.00	5029	5092	Drilling	Drilling - (WOB:37.00;GPM :598.00;RPM:60)
4-Nov-20	16:40	16:50	0.00	5092	5092	Survey & Conn.	Survey & Conn.@5028m Inc 0.92° Azm 319.13°
4-Nov-20	16:50	17:05	0.00	5092	5124	Drilling	Drilling - (WOB:37.00;GPM :598.00;RPM:60)
4-Nov-20	17:05	17:15	0.00	5124	5129	Sliding	Sliding - (WOB:37.00;GPM :598;TFO:200M))
4-Nov-20	17:15	18:00	0.00	5129	5218	Drilling	Drilling - (WOB:37.00;GPM :598.00;RPM:60)
4-Nov-20	18:00	18:10	0.00	5218	5218	Survey & Conn.	Survey & Conn.@5154m Inc 1.49° Azm 269.56°
4-Nov-20	18:10	19:10	0.00	5218	5343	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
4-Nov-20	19:10	19:15	0.00	5343	5343	Survey & Conn.	Survey & Conn.@5279m Inc 1.49° Azm 266.66°
4-Nov-20	19:15	20:15	0.00	5343	5468	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
4-Nov-20	20:15	20:20	0.00	5468	5468	Survey & Conn.	Survey & Conn.@5404m Inc 1.32° Azm 264.64°
4-Nov-20	20:20	21:25	0.00	5468	5594	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
4-Nov-20	21:25	21:35	0.00	5594	5594	Survey & Conn.	Survey & Conn.@5530m Inc 1.27° Azm 261.91°
4-Nov-20	21:35	22:40	0.00	5594	5720	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
4-Nov-20	22:40	22:45	0.00	5720	5720	Survey & Conn.	Survey & Conn.@5656m Inc 1.41° Azm 257.08°
4-Nov-20	22:45	23:50	0.00	5720	5846	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
4-Nov-20	23:50	24:00	0.00	5846	5846	Survey & Conn.	Survey & Conn.@5782m Inc 1.36° Azm 258.84°



JOB NO.:	911D-2020	Report Time:	2400	4 of 4
Company:	Burnett Oil Company, Inc.	API JOB #	30-015-47066	
LOCATION:	Eddy County	WORK ORDER#		
RIG NAME:	Ensign T436	FIELD:	Cedar Lake Glorita Yeso	
STATE:	NM	Legal Desc.	Township-Section-Range	
COUNTY:	Eddy		--	
WELL NAME:	Gissler A 60			

From Thursday, November 05, 2020 at 0000 to Thursday, November 05, 2020 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5846.00	Rotary Hours	1.50	WOB	40	Pick UP	175	Slack Off	147	SPM	
End Depth	6018.00	Circulating Hours	0.42	RAB	155	SPP	2850	FlowRate	598 - 598	172	
Total Drilled:	172.00	Avg. Total ROP:	114.67	Mud Data							
Total Rotary Drilled:	172.00	Avg. Rotary ROP:	114.67	Type	Brine			PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.00 PPG	GAS	0	YP	0	BHT °	118.0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	28	SAND	0	PH	9	Flow T °	.0
Below Rotary Hrs.	8.25	Percent Slide:	.00	Chlorides	0	WL	0			Oil %	0

PERSONNEL						CASING			BHA		
Lead Directional :		John Overton				Size	lbf/Ft	Set Depth	BHA # 1:DD406TX, 7/8 5.0 1.5"Fix TS, 7 5/8" Stabilizer, Shock Sub, UBHO, NMDC (MWD), 7 5/8" Stabilizer, 6 - 6 1/2" Drill Collars, 4-1/2 IF to 4-1/2XH, 10 jts HWDP, ,		
Second Directional :		Greg Hickey				20.00	.00	.00			
MWD Operator1		Ben Unruh									
MWD Operator2											
Directional Company:		Panther									
Geologist:						Signature:					
Company Man:		Walter Roye						Daily Cost	\$6,700.00		
Incl. In:	1.36	Azm. In:	258.84	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:	\$25,500.00		

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Nov-20	00:00	01:10	1.17	5846.0	5971.0	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
5-Nov-20	01:10	01:15	0.08	5971	5971	Survey & Conn.	Survey & Conn.@5954m Inc 1.36° Azm 261.3°
5-Nov-20	01:15	01:35	0.33	5971	6018	Drilling	Drilling - (WOB:40.00;GPM :598.00;RPM:65)
5-Nov-20	01:35	01:40	0.08	6018	6018	Survey & Conn.	Survey & Conn.@5954m Inc 1.36° Azm 261.3°
5-Nov-20	01:40	02:05	0.42	6018	6018	Circulating	Circulating
5-Nov-20	02:05	07:35	5.50	6018	6018	POOH	L/D drill string
5-Nov-20	07:35	08:15	0.67	6018	6018	POOH	L/D BHA
5-Nov-20	08:15	09:00	0.75	6018	6018	Standby	Load out truck and ship tools

BHA # 1		Mud Motor Report													
JOB NO.:	911D-2020					FIELD:	Cedar Lake Glorita Yeso								
Company:	Burnett Oil Company, Inc.					Legal Desc.	Township-Section-Range								
LOCATION:	Eddy County						--								
RIG NAME:	Ensign T436					Lead DD:	John Overton								
STATE:	NM					Co. Man:	Walter Roye								
COUNTY:	Eddy					Motor Failed?	NO								
WELL NAME:	Gissler A 60														
Time and Depths (This BHA)				MOTOR DATA				Drilling Parameters							
Date In:	03-Nov-20 @ 05:15			Desc:	7/8 5.0 1.50° Fix T.S.			SO/PU:	0 - 147		/	0-175			
Date Out:	05-Nov-20 @ 09:00			MFG.:	Panther			Rot Wt:	0-155						
Hrs In Hole:	51.00			BHA Circ/ All BHA:	36.17 / 36.17			WOB:	0 - 40						
Start Depth:	364.00			Motor SN:	PDS650005			TORQ:	3 - 8						
End Depth:	6018.00			Pad OD:	7.13			SPP:	0 - 2900						
Total Drilled:	5654.00			NB Stab:	0.00			Motor RPM:	172.2						
Avg. Total ROP:	158.15			Bit to Bend:	4.00			Rotary RPM:	50 - 70						
Circ Hrs:Tot/Only	36.17 / .42			Bent Hsg / Sub:	1.5 / 1.5			Flow Rate:	0 - 605						
Percent Slide:	1.01			Lobe/Stage:	7/8 / 5			Avg Diff:	1130						
Percent Hrs:	2.56			Revs/Gal	0.29			Stall Pres.:	1160						
Slide Hours:	.92			Rotor Jet:	0.0			Off Bot Pres.:	134						
Total Sliding:	57.00			Prop BUR:	9			Bit Record							
Avg. Slide ROP:	62.18			Act BUR:	16			/ DD406TX							
Percent Rotary:	98.99			Stator Clearance:				Run #:	1						
Percent Hrs:	97.44			Lower Stab OD:	7.63			Type Bit:	PDC						
Rot / Total Hrs:	34.83 / 35.75			Upper Stab OD:	7.625			IADC#:			TFA:	1.18 in²			
Rotary Drilled:	5597.00			Extended Motor?	NO			JETS:	6-16						
Avg. Rotary ROP:	160.68			Number of Stalls:				P Drop:	243PSI @ 605 GPM						
Reason POOH:				Stall Duration:				Cond.:							
Mud Data															
Type	Brine			WT:	10.0PPG		Vis:	28	WL:	0	PV:	0	Flow T °:	0.0	
SAND:	0	Chlor:	0	GAS:	0	SOL:	0	Oil %:	0	YP:	0	PH:	9	Bottom Hole T °:	118.0
Formation:															
EXPANDED REASON PULLED:															
BHA PERFORMANCE:															
ADDITIONAL COMMENTS: (Expands to next page if necessary)															
WinSURV II Mud Motor Report															