



PANTHER

**Burnett Oil Company,
Inc.**

EOW

REPORT

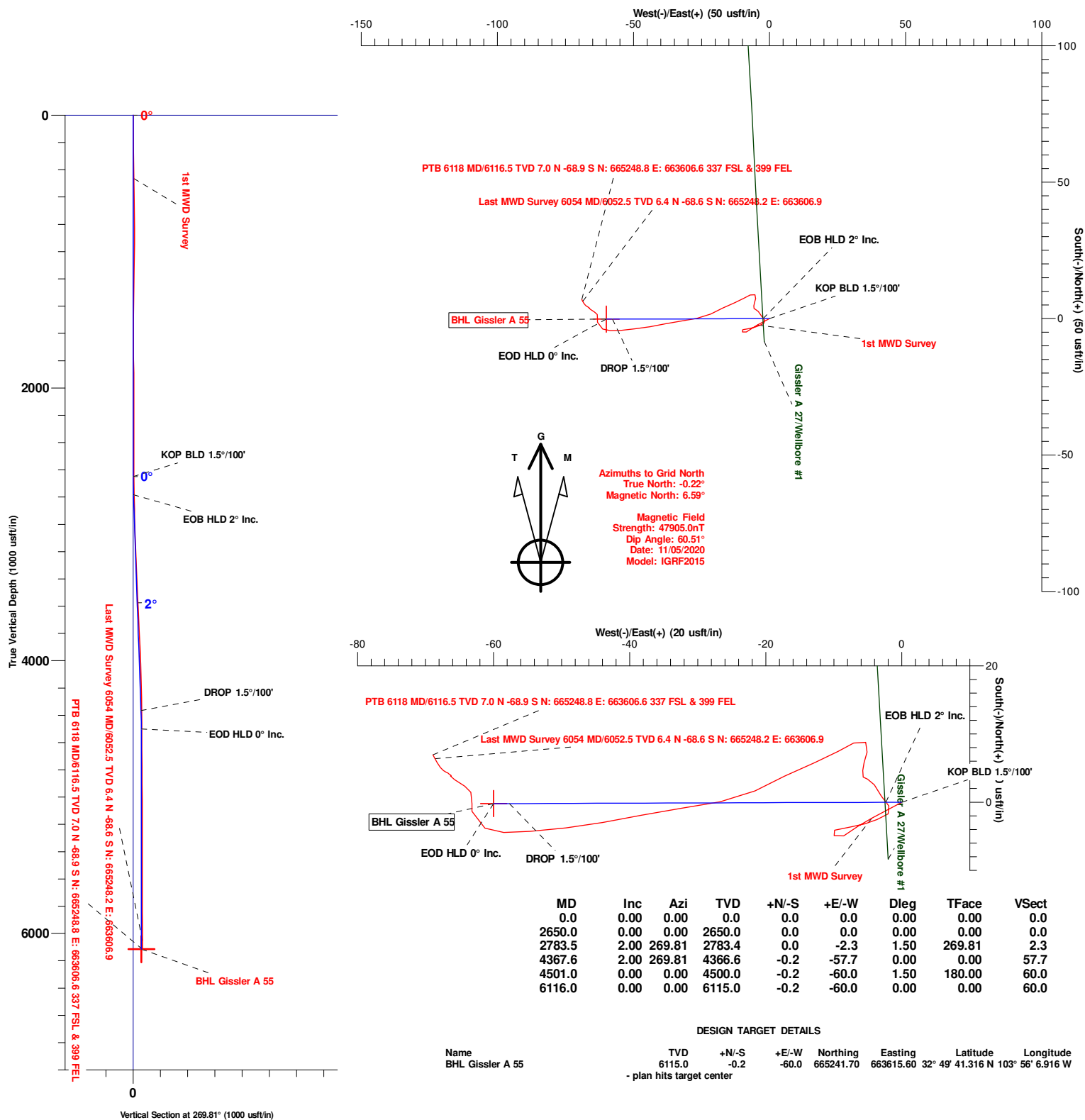
Gissler A 55

Eddy County, NM

11/08/2020-11/12/2020

Burnett Oil Company, Inc.
 Project: Eddy County, NM NAD 83
 Site: Sec 14-T17S-R30E
 Well: Gissler A 55
 Wellbore: Wellbore #1
 Plan: Plan #2 (Gissler A 55/Wellbore #1)

Gissler A 55
 3678.0
 RKB Elevation: 3678+17 @ 3695.0usft
 North American Datum 1983
 0.00 665241.90 663675.60 32° 49' 41.316 N 103° 56' 6.213 W





PANTHER

Burnett Oil Company, Inc.

Eddy County, NM NAD 83

Sec 14-T17S-R30E

Gissler A 55

Wellbore #1

Survey: Survey #1

Standard Survey Report

13 November, 2020

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 55
Project:	Eddy County, NM NAD 83	TVD Reference:	3678+17 @ 3695.0usft
Site:	Sec 14-T17S-R30E	MD Reference:	3678+17 @ 3695.0usft
Well:	Gissler A 55	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 55					
Well Position	+N/-S	0.0 usft	Northing:	665,241.90 usft	Latitude:	32° 49' 41.316 N
	+E/-W	0.0 usft	Easting:	663,675.60 usft	Longitude:	103° 56' 6.213 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,678.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/05/20	6.80	60.51	47,904.97182046

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		269.81

Survey Program	Date	11/13/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
466.0	6,118.0	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
466.0	1.23	242.05	466.0	-2.3	-4.4	4.4	0.26	0.26	0.00
1st MWD Survey									
570.0	1.32	237.48	569.9	-3.5	-6.4	6.4	0.13	0.09	-4.39
696.0	1.01	235.11	695.9	-4.9	-8.5	8.6	0.25	-0.25	-1.88
822.0	0.75	322.82	821.9	-4.9	-10.0	10.0	0.98	-0.21	69.61
948.0	0.53	75.14	947.9	-4.1	-9.9	9.9	0.85	-0.17	89.14
1,136.0	1.01	80.68	1,135.9	-3.6	-7.4	7.4	0.26	0.26	2.95
1,261.0	0.84	72.95	1,260.9	-3.2	-5.5	5.5	0.17	-0.14	-6.18
1,387.0	0.92	69.70	1,386.8	-2.5	-3.6	3.6	0.07	0.06	-2.58
1,513.0	0.75	53.17	1,512.8	-1.7	-2.0	2.0	0.23	-0.13	-13.12

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 55
Project:	Eddy County, NM NAD 83	TVD Reference:	3678+17 @ 3695.0usft
Site:	Sec 14-T17S-R30E	MD Reference:	3678+17 @ 3695.0usft
Well:	Gissler A 55	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	0.79	321.94	1,637.8	-0.5	-1.9	1.9	0.88	0.03	-72.98
1,765.0	0.84	323.52	1,764.8	0.9	-3.0	3.0	0.04	0.04	1.24
1,890.0	0.97	330.12	1,889.8	2.6	-4.1	4.0	0.13	0.10	5.28
2,015.0	0.44	258.57	2,014.8	3.4	-5.1	5.0	0.74	-0.42	-57.24
2,140.0	0.40	337.85	2,139.8	3.7	-5.7	5.7	0.43	-0.03	63.42
2,265.0	0.53	9.93	2,264.8	4.7	-5.8	5.7	0.23	0.10	25.66
2,391.0	0.53	12.92	2,390.8	5.8	-5.5	5.5	0.02	0.00	2.37
2,516.0	0.92	16.43	2,515.8	7.3	-5.1	5.1	0.31	0.31	2.81
2,641.0	0.62	314.38	2,640.8	8.8	-5.3	5.3	0.67	-0.24	-49.64
2,767.0	1.27	244.95	2,766.7	8.7	-7.1	7.0	0.95	0.52	-55.10
2,892.0	1.14	240.29	2,891.7	7.5	-9.4	9.4	0.13	-0.10	-3.73
3,017.0	2.33	246.09	3,016.7	5.8	-12.8	12.8	0.96	0.95	4.64
3,142.0	2.15	245.56	3,141.6	3.8	-17.3	17.2	0.14	-0.14	-0.42
3,269.0	2.20	241.35	3,268.5	1.7	-21.6	21.6	0.13	0.04	-3.31
3,395.0	2.77	261.82	3,394.4	0.1	-26.7	26.7	0.83	0.45	16.25
3,520.0	2.64	259.45	3,519.2	-0.9	-32.5	32.5	0.14	-0.10	-1.90
3,646.0	2.68	260.68	3,645.1	-1.9	-38.3	38.3	0.06	0.03	0.98
3,772.0	2.59	258.05	3,770.9	-3.0	-44.0	44.0	0.12	-0.07	-2.09
3,897.0	2.46	265.78	3,895.8	-3.7	-49.4	49.4	0.29	-0.10	6.18
4,023.0	2.29	262.70	4,021.7	-4.3	-54.6	54.6	0.17	-0.13	-2.44
4,148.0	1.32	276.06	4,146.7	-4.4	-58.5	58.5	0.84	-0.78	10.69
4,274.0	1.27	290.56	4,272.6	-3.8	-61.3	61.3	0.26	-0.04	11.51
4,462.0	1.05	1.23	4,460.6	-1.3	-63.2	63.2	0.72	-0.12	37.59
4,525.0	1.05	359.38	4,523.6	-0.2	-63.2	63.2	0.05	0.00	-2.94
4,650.0	0.48	343.83	4,648.6	1.5	-63.3	63.3	0.48	-0.46	-12.44
4,775.0	0.79	297.33	4,773.6	2.4	-64.2	64.2	0.46	0.25	-37.20
4,901.0	0.84	307.62	4,899.6	3.3	-65.7	65.7	0.12	0.04	8.17
5,026.0	0.13	98.44	5,024.5	3.9	-66.3	66.3	0.76	-0.57	120.66
5,089.0	0.00	0.00	5,087.5	3.9	-66.3	66.2	0.21	-0.21	0.00
5,152.0	0.09	11.07	5,150.5	3.9	-66.2	66.2	0.14	0.14	0.00
5,278.0	0.13	283.18	5,276.5	4.0	-66.4	66.4	0.12	0.03	-69.75
5,404.0	0.13	323.08	5,402.5	4.2	-66.6	66.6	0.07	0.00	31.67
5,467.0	0.13	307.26	5,465.5	4.3	-66.7	66.7	0.06	0.00	-25.11
5,592.0	0.18	290.30	5,590.5	4.4	-67.0	67.0	0.05	0.04	-13.57
5,718.0	0.22	309.20	5,716.5	4.7	-67.4	67.3	0.06	0.03	15.00
5,844.0	0.35	317.55	5,842.5	5.1	-67.8	67.8	0.11	0.10	6.63
5,970.0	0.40	332.40	5,968.5	5.8	-68.3	68.3	0.09	0.04	11.79
6,054.0	0.57	331.17	6,052.5	6.4	-68.6	68.6	0.20	0.20	-1.46
Last MWD Survey 6054 MD/6052.5 TVD 6.4 N -68.6 S N: 665248.2 E: 663606.9									
6,118.0	0.57	331.17	6,116.5	7.0	-68.9	68.9	0.00	0.00	0.00
PTB 6118 MD/6116.5 TVD 7.0 N -68.9 S N: 665248.8 E: 663606.6 337 FSL & 399 FEL									



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Well:	Gissler A 55	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)	
466.0	466.0	-2.3	-4.4	1st MWD Survey
6,054.0	6,052.5	6.4	-68.6	Last MWD Survey 6054 MD/6052.5 TVD 6.4 N -68.6 S N: 665248.2 E: 663606.!
6,118.0	6,116.5	7.0	-68.9	PTB 6118 MD/6116.5 TVD 7.0 N -68.9 S N: 665248.8 E: 663606.6 337 FSL & 3

Checked By: _____	Approved By: _____	Date: _____
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JOB NO.:	912D-2020	Report Time:	2400	1 of 3
Company:	Burnett Oil Company, Inc.	API JOB #		
LOCATION:	Eddy County	WORK ORDER#		
RIG NAME:	Ensign 436	FIELD:	Yeso / Paddock	
STATE:	NM	Legal Desc.	Township-Section-Range	
COUNTY:	Eddy		--	
WELL NAME:	Gissler A 55			

From Sunday, November 08, 2020 at 0000 to Sunday, November 08, 2020 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	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				Signature:				
Geologist:										
Company Man:		Walter Roye						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
8-Nov-20	00:00	24:00	24.00	0.0	0.0	Standby	Standby

	JOB NO.: 912D-2020		Report Time: 2400		2 of 3	
	Company: Burnett Oil Company, Inc.		API JOB #			
	LOCATION: Eddy County		WORK ORDER#			
	RIG NAME: Ensign 436		FIELD: Yeso / Paddock			
	STATE: NM		Legal Desc.	Township-Section-Range		
	COUNTY: Eddy			--		
	WELL NAME: Gissler A 55					

From Monday, November 09, 2020 at 0000 to Monday, November 09, 2020 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	404.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	404.00	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 Roye					Daily Cost	\$4,400.00		
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:	\$8,800.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Nov-20	00:00	24:00	24.00	404.0	404.0	Standby	Standby

	JOB NO.:	912D-2020	Report Time:	2400	3 of 3
	Company:	Burnett Oil Company, Inc.	API JOB #		
	LOCATION:	Eddy County	WORK ORDER#		
	RIG NAME:	Ensign 436	FIELD:	Yeso / Paddock	
	STATE:	NM	Legal Desc.	Township-Section-Range --	
	COUNTY:	Eddy			
	WELL NAME:	Gissler A 55			

From Tuesday, November 10, 2020 at 0000 to Tuesday, November 10, 2020 at 2400

DRILLING SUMMARY						Drilling Parameters											
Start Depth		404.00	Rotary Hours		3.00	WOB		30	Pick UP		73	Slack Off		68	SPM		
End Depth		1159.00	Circulating Hours		0.08	RAB		70	SPP		2150	FlowRate		0 - 598	170		
Total Drilled:		755.00	Avg. Total ROP:		251.67	Mud Data											
Total Rotary Drilled:		755.00	Avg. Rotary ROP:		251.67	Type	Brine				PV	0	SOLID	0			
Total Drilled Sliding:		0.00	Avg. Slide ROP:		NA	Weight		9.90 PPG	GAS	0	YP	0	BHT°	80.0			
Slide Hours:		0.00	Percent Rotary:		100.00	Viscosity		30	SAND	0	PH	0	Flow T°	.0			
Below Rotary Hrs.		5.75	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 Fxd @ 1.5° TS, 7 5/8" Stab, Shock Sub, UBHO, NMDC, 7 5/8" Stab , 6x 6" Collars, 4-1/2IF to 4-1/2XH XO, 5 Hevi, ,					
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	Azm. Out:		0	Cummulative Cost:		\$16,500.00			

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Nov-20	00:00	18:15	5.00	404.0	404.0	Standby	Standby
10-Nov-20	18:15	18:30	0.00	404	404	Other	Safety Meeting
10-Nov-20	18:30	19:30	0.00	404	404	Change BHA	P/U BHA01
10-Nov-20	19:30	20:20	0.00	404	404	TIH	TIH
10-Nov-20	20:20	20:55	0.00	404	404	Drilling Cement	Drill shoe track
10-Nov-20	20:55	21:10	0.00	404	449	Drilling	Drilling - (WOB:25.00;GPM :500.00;RPM:35)
10-Nov-20	21:10	21:15	0.00	449	449	Connection	Connection
10-Nov-20	21:15	21:25	0.00	449	510	Drilling	Drilling - (WOB:27.00;GPM :552.00;RPM:38)
10-Nov-20	21:25	21:30	0.00	510	510	Connection	Connection
10-Nov-20	21:30	21:35	0.00	510	530	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:40)
10-Nov-20	21:35	21:40	0.00	530	530	MWD Survey	MWD Survey@466m Inc 1.23° Azm 242.05°
10-Nov-20	21:40	21:45	0.00	530	572	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:40)
10-Nov-20	21:45	21:50	0.00	572	572	Connection	Connection
10-Nov-20	21:50	22:00	0.00	572	634	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:45)
10-Nov-20	22:00	22:05	0.00	634	634	Survey & Conn.	Survey & Conn.@570m Inc 1.32° Azm 237.48°
10-Nov-20	22:05	22:30	0.00	634	760	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:50)
10-Nov-20	22:30	22:35	0.00	760	760	Survey & Conn.	Survey & Conn.@696m Inc 1.01° Azm 235.11°
10-Nov-20	22:35	23:00	0.00	760	886	Drilling	Drilling - (WOB:32.00;GPM :598.00;RPM:50)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Nov-20	23:00	23:05	0.00	886	886	Survey & Conn.	Survey & Conn.@822m Inc 0.75° Azm 322.82°
10-Nov-20	23:05	23:25	0.00	886	1012	Drilling	Drilling - (WOB:32.00;GPM :598.00;RPM:50)
10-Nov-20	23:25	23:30	0.00	1012	1012	Survey & Conn.	Survey & Conn.@948m Inc 0.53° Azm 75.14°
10-Nov-20	23:30	24:00	0.00	1012	1159	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:50)

	JOB NO.:	912D-2020	Report Time:	2400	4 of 4
	Company:	Burnett Oil Company, Inc.	API JOB #		
	LOCATION:	Eddy County	WORK ORDER#		
	RIG NAME:	Ensign 436	FIELD:	Yeso / Paddock	
	STATE:	NM	Legal Desc.	Township-Section-Range --	
	COUNTY:	Eddy			
	WELL NAME:	Gissler A 55			

From Wednesday, November 11, 2020 at 0000 to Wednesday, November 11, 2020 at 2400

DRILLING SUMMARY					Drilling Parameters							
Start Depth	1159.00	Rotary Hours	17.58	WOB	35	Pick UP	131	Slack Off	117	SPM		
End Depth	4714.00	Circulating Hours	2.00	RAB	121	SPP	2950	FlowRate	598 - 605	172		
Total Drilled:	3555.00	Avg. Total ROP:	192.16	Mud Data								
Total Rotary Drilled:	3492.00	Avg. Rotary ROP:	198.60	Type	Brine			PV	0	SOLID	0	
Total Drilled Sliding:	63.00	Avg. Slide ROP:	68.73	Weight	10.30 PPG	GAS	0	YP	0	BHT°	113.0	
Slide Hours:	0.92	Percent Rotary:	98.23	Viscosity	28	SAND	0	PH	8	Flow T°	.0	
Below Rotary Hrs.	24.00	Percent Slide:	1.77	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 Fxd @ 1.5° TS, 7 5/8" Stab, Shock Sub, UBHO, NMDC, 7 5/8" Stab , 6x 6" Collars, 4-1/2IF to 4-1/2XH XO, 5 Hevi, ,				
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:	0.53	Azm. In:	75.14	Incl. Out:	1.05	Azm. Out:	359.38	Cummulative Cost:		\$23,200.00		

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Nov-20	00:00	00:15	0.25	1159.0	1200.0	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:50)
11-Nov-20	00:15	00:20	0.08	1200	1200	Survey & Conn.	Survey & Conn.@1136m Inc 1.01° Azm 80.68°
11-Nov-20	00:20	01:10	0.83	1200	1325	Drilling	Drilling - (WOB:32.00;GPM :598.00;RPM:50)
11-Nov-20	01:10	01:15	0.08	1325	1325	Survey & Conn.	Survey & Conn.@1261m Inc 0.84° Azm 72.95°
11-Nov-20	01:15	02:00	0.75	1325	1451	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:50)
11-Nov-20	02:00	02:05	0.08	1451	1451	Survey & Conn.	Survey & Conn.@1387m Inc 0.92° Azm 69.7°
11-Nov-20	02:05	02:55	0.83	1451	1577	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:50)
11-Nov-20	02:55	03:00	0.08	1577	1577	Survey & Conn.	Survey & Conn.@1513m Inc 0.75° Azm 53.17°
11-Nov-20	03:00	03:10	0.17	1577	1617	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:55)
11-Nov-20	03:10	03:15	0.08	1617	1623	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:270M)
11-Nov-20	03:15	03:45	0.50	1623	1702	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:55)
11-Nov-20	03:45	03:50	0.08	1702	1702	Survey & Conn.	Survey & Conn.@1638m Inc 0.79° Azm 321.94°
11-Nov-20	03:50	04:35	0.75	1702	1829	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:55)
11-Nov-20	04:35	04:40	0.08	1829	1829	Survey & Conn.	Survey & Conn.@1765m Inc 0.84° Azm 323.52°
11-Nov-20	04:40	05:20	0.67	1829	1954	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	05:20	05:25	0.08	1954	1954	Survey & Conn.	Survey & Conn.@1890m Inc 0.97° Azm 330.12°
11-Nov-20	05:25	05:35	0.17	1954	1973	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	05:35	05:40	0.08	1973	1979	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:205M))

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Nov-20	05:40	06:00	0.33	1979	2026	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	06:00	08:00	2.00	2026	2026	Circulating	Repair Pump #2
11-Nov-20	08:00	08:10	0.17	2026	2079	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	08:10	08:20	0.17	2079	2079	Survey & Conn.	Survey & Conn.@2015m Inc 0.44° Azm 258.57°
11-Nov-20	08:20	08:50	0.50	2079	2204	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	08:50	09:00	0.17	2204	2204	Survey & Conn.	Survey & Conn.@2140m Inc 0.4° Azm 337.85°
11-Nov-20	09:00	09:35	0.58	2204	2329	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	09:35	09:45	0.17	2329	2329	Survey & Conn.	Survey & Conn.@2265m Inc 0.53° Azm 9.93°
11-Nov-20	09:45	10:20	0.58	2329	2455	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	10:20	10:30	0.17	2455	2455	Survey & Conn.	Survey & Conn.@2391m Inc 0.53° Azm 12.92°
11-Nov-20	10:30	11:00	0.50	2455	2549	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	11:00	11:05	0.08	2549	2557	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:250M))
11-Nov-20	11:05	11:10	0.08	2557	2580	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:55)
11-Nov-20	11:10	11:15	0.08	2580	2580	Survey & Conn.	Survey & Conn.@2516m Inc 0.92° Azm 16.43°
11-Nov-20	11:15	11:50	0.58	2580	2705	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	11:50	12:00	0.17	2705	2705	Survey & Conn.	Survey & Conn.@2641m Inc 0.62° Azm 314.38°
11-Nov-20	12:00	12:05	0.08	2705	2737	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	12:05	12:15	0.17	2737	2745	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:240M))
11-Nov-20	12:15	12:40	0.42	2745	2831	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	12:40	12:50	0.17	2831	2831	Survey & Conn.	Survey & Conn.@2767m Inc 1.27° Azm 244.95°
11-Nov-20	12:50	13:30	0.67	2831	2956	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	13:30	13:40	0.17	2956	2956	Survey & Conn.	Survey & Conn.@2892m Inc 1.14° Azm 240.29°
11-Nov-20	13:40	13:50	0.17	2956	2988	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	13:50	14:00	0.17	2988	2996	Sliding	Sliding - (WOB:30.00;GPM :605.00;TFO:240M)
11-Nov-20	14:00	14:25	0.42	2996	3081	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	14:25	14:35	0.17	3081	3081	Survey & Conn.	Survey & Conn.@3017m Inc 2.33° Azm 246.09°
11-Nov-20	14:35	15:15	0.67	3081	3206	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	15:15	15:25	0.17	3206	3206	Survey & Conn.	Survey & Conn.@3142m Inc 2.15° Azm 245.56°
11-Nov-20	15:25	16:00	0.58	3206	3333	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	16:00	16:10	0.17	3333	3333	Survey & Conn.	Survey & Conn.@3269m Inc 2.2° Azm 241.35°
11-Nov-20	16:10	16:20	0.17	3333	3364	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	16:20	16:25	0.08	3364	3369	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:240M))
11-Nov-20	16:25	16:45	0.33	3369	3459	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	16:45	16:55	0.17	3459	3459	Survey & Conn.	Survey & Conn.@3395m Inc 2.77° Azm 261.82°
11-Nov-20	16:55	17:25	0.50	3459	3584	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	17:25	17:35	0.17	3584	3584	Survey & Conn.	Survey & Conn.@3520m Inc 2.64° Azm 259.45°
11-Nov-20	17:35	18:10	0.58	3584	3710	Drilling	Drilling - (WOB:34.00;GPM :605.00;RPM:65)
11-Nov-20	18:10	18:15	0.08	3710	3710	Survey & Conn.	Survey & Conn.@3646m Inc 2.68° Azm 260.68°
11-Nov-20	18:15	18:45	0.50	3710	3836	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
11-Nov-20	18:45	18:50	0.08	3836	3836	Survey & Conn.	Survey & Conn.@3772m Inc 2.59° Azm 258.05°
11-Nov-20	18:50	19:20	0.50	3836	3961	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
11-Nov-20	19:20	19:25	0.08	3961	3961	Survey & Conn.	Survey & Conn.@3897m Inc 2.46° Azm 265.78°
11-Nov-20	19:25	20:00	0.58	3961	4087	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
11-Nov-20	20:00	20:05	0.08	4087	4087	Survey & Conn.	Survey & Conn.@4023m Inc 2.29° Azm 262.7°
11-Nov-20	20:05	20:10	0.08	4087	4105	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
11-Nov-20	20:10	20:15	0.08	4105	4112	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:70M))
11-Nov-20	20:15	20:45	0.50	4112	4212	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Nov-20	20:45	20:50	0.08	4212	4212	Survey & Conn.	Survey & Conn.@4148m Inc 1.32° Azm 276.06°
11-Nov-20	20:50	21:20	0.50	4212	4338	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
11-Nov-20	21:20	21:30	0.17	4338	4338	Survey & Conn.	Survey & Conn.@4274m Inc 1.27° Azm 290.56°
11-Nov-20	21:30	21:40	0.17	4338	4379	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
11-Nov-20	21:40	21:45	0.08	4379	4387	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:70M))
11-Nov-20	21:45	22:10	0.42	4387	4464	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:55)
11-Nov-20	22:10	22:15	0.08	4464	4464	Connection	Connection
11-Nov-20	22:15	22:35	0.33	4464	4526	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:53)
11-Nov-20	22:35	22:40	0.08	4526	4526	Survey & Conn.	Survey & Conn.@4525m Inc 1.05° Azm 359.38°
11-Nov-20	22:40	23:05	0.42	4526	4589	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:53)
11-Nov-20	23:05	23:10	0.08	4589	4589	Survey & Conn.	Survey & Conn.@4525m Inc 1.05° Azm 359.38°
11-Nov-20	23:10	23:15	0.08	4589	4599	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:53)
11-Nov-20	23:15	23:20	0.08	4599	4606	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:180M))
11-Nov-20	23:20	24:00	0.67	4606	4714	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:55)

	JOB NO.:	912D-2020	Report Time:	2400	5 of 5
	Company:	Burnett Oil Company, Inc.	API JOB #	30-015-46282	
	LOCATION:	Eddy County	WORK ORDER#		
	RIG NAME:	Ensign T436	FIELD:	Yeso / Paddock	
	STATE:	NM	Legal Desc.	Township-Section-Range --	
	COUNTY:	Eddy			
	WELL NAME:	Gissler A 55			

From Thursday, November 12, 2020 at 0000 to Thursday, November 12, 2020 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4714.00	Rotary Hours	9.42	WOB	40	Pick UP	145	Slack Off	130	SPM	
End Depth	6118.00	Circulating Hours	0.75	RAB	135	SPP	3100	FlowRate	605 - 605	172	
Total Drilled:	1404.00	Avg. Total ROP:	147.79	Mud Data							
Total Rotary Drilled:	1397.00	Avg. Rotary ROP:	148.35	Type	Brine			PV	0	SOLID	0
Total Drilled Sliding:	7.00	Avg. Slide ROP:	83.99	Weight	10.30 PPG	GAS	0	YP	0	BHT°	113.0
Slide Hours:	0.08	Percent Rotary:	99.50	Viscosity	28	SAND	0	PH	8	Flow T°	.0
Below Rotary Hrs.	24.00	Percent Slide:	.50	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING			BHA				
Lead Directional :	John Overton			Size	Ibf/Ft	Set Depth	BHA # 2				
Second Directional :	Greg Hickey			20.00	.00	.00					
MWD Operator1	Ben Unruh										
MWD Operator2											
Directional Company:	Panther			Signature:							
Geologist:											
Company Man:	Walter Royce						Daily Cost		\$6,700.00		
Incl. In:	1.05	Azm. In:	359.38	Incl. Out:	0.57	Azm. Out:	331.17	Cummulative Cost:		\$29,900.00	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Nov-20	00:00	00:05	0.08	4714.0	4714.0	Survey & Conn.	Survey & Conn.@4650m Inc 0.48° Azm 343.83°
12-Nov-20	00:05	00:55	0.83	4714	4839	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:55)
12-Nov-20	00:55	01:00	0.08	4839	4839	Survey & Conn.	Survey & Conn.@4775m Inc 0.79° Azm 297.33°
12-Nov-20	01:00	01:15	0.25	4839	4871	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:55)
12-Nov-20	01:15	01:40	0.42	4871	4871	Rig repair	Remove trash in fluid suction of mud pump
12-Nov-20	01:40	02:20	0.67	4871	4965	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:55)
12-Nov-20	02:20	02:25	0.08	4965	4965	Survey & Conn.	Survey & Conn.@4901m Inc 0.84° Azm 307.62°
12-Nov-20	02:25	02:40	0.25	4965	4995	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:63)
12-Nov-20	02:40	02:45	0.08	4995	5002	Sliding	Sliding - (WOB:35.00;GPM :605;TFO:125M))
12-Nov-20	02:45	03:20	0.58	5002	5090	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:63)
12-Nov-20	03:20	03:30	0.17	5090	5090	Survey & Conn.	Survey & Conn.@5089m Inc 0° Azm 0.0000001°
12-Nov-20	03:30	03:50	0.33	5090	5153	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:63)
12-Nov-20	03:50	03:55	0.08	5153	5153	Survey & Conn.	Survey & Conn.@5152m Inc 0.09° Azm 11.07°
12-Nov-20	03:55	04:15	0.33	5153	5216	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	04:15	04:20	0.08	5216	5216	Survey & Conn.	Survey & Conn.@5152m Inc 0.09° Azm 11.07°
12-Nov-20	04:20	05:05	0.75	5216	5342	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	05:05	05:10	0.08	5342	5342	Survey & Conn.	Survey & Conn.@5278m Inc 0.13° Azm 283.18°
12-Nov-20	05:10	06:00	0.83	5342	5468	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Nov-20	06:00	06:05	0.08	5468	5468	Survey & Conn.	Survey & Conn.@5504_Inc .13°_Azm 323.08°
12-Nov-20	06:05	06:30	0.42	5468	5531	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	06:30	06:35	0.08	5531	5531	Survey & Conn.	Survey & Conn.@5467_Inc .13°_Azm 307.26°
12-Nov-20	06:35	07:20	0.75	5531	5656	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	07:20	07:30	0.17	5656	5656	Survey & Conn.	Survey & Conn.@5592_Inc .18°_Azm 290.3°
12-Nov-20	07:30	08:30	1.00	5656	5782	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	08:30	08:45	0.25	5782	5782	Rig Service-Inhole	Rig Service-Inhole
12-Nov-20	08:45	08:50	0.08	5782	5782	Survey & Conn.	Survey & Conn.@5718_Inc .22°_Azm 309.2°
12-Nov-20	08:50	09:40	0.83	5782	5908	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	09:40	09:50	0.17	5908	5908	Survey & Conn.	Survey & Conn.@5844_Inc .35°_Azm 317.55°
12-Nov-20	09:50	10:40	0.83	5908	6034	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	10:40	10:50	0.17	6034	6034	Survey & Conn.	Survey & Conn.@5970_Inc .4°_Azm 332.4°
12-Nov-20	10:50	11:35	0.75	6034	6118	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:65)
12-Nov-20	11:35	11:40	0.08	6118	6118	Survey & Conn.	Survey & Conn.@6054_Inc .57°_Azm 331.17°
12-Nov-20	11:40	12:25	0.75	6118	6118	Circulating	Circulating @ TD
12-Nov-20	12:25	18:00	5.58	6118	6118	POOH	POOH
12-Nov-20	18:00	19:00	1.00	6118	6118	Change BHA	L/D BHA @ EOW
12-Nov-20	19:00	24:00	5.00	6118	6118	Other	Load Truck, Rig Down & Demob from Location



BHA PROPOSAL

BHA # 1

JOB NO.:	912D-2020	FIELD:	Yeso / Paddock
Company:	Burnett Oil Company, Inc.	Legal Desc.	Township-Section-Range
LOCATION:	Eddy County		--
RIG NAME:	Ensign 436		
STATE:	NM		
COUNTY:	Eddy	BHA TYPE:	Pendulum Assembly
WELL NAME:	Gissler A 55		

Bit Data						MOTOR DATA						Expectations							
Baker		DD406TX				7/8 5.0 Fxd @ 1.5° TS						Start Depth							
Type Bit				PDC		Model:		Performance		Pad OD		End Depth			0.00				
TFA		1.18 in²				MFG.		Panther		7		Drilling Hours			0.00				
JETS		16	16	16	16	16	Bend °		1.5		Lobe/Stage		7/8	/	5	Avg ROP:		---	
		16					Bit to Bend		4.00		Motor Diff		0...0		Incl.	IN	0.0	OUT	0.0

Comments

R/G: 0.288
Flow Range: 300-600 gpm
Bit to Sensor: 64'

BHA Detail

#	Description	MFG	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	DD406TX	BAKER	5311124	0	7 7/8	1.00	1.00	4 1/2 REGP
2	7/8 5.0 Fxd @ 1.5° TS	Panther	PDS650025	0	6 1/2	25.22	26.22	4 1/2 XHB
3	7 5/8" Stab	Blair	8-16	2 3/8	6 3/8	6.22	32.44	4 1/2 XHB
4	Shock Sub	Blair	8602SH	2 13/16	6 1/2	10.78	43.22	4 1/2 XHB
5	UBHO	Panther	6058U	2 13/16	6 1/2	3.14	46.36	4 1/2 XHB
6	NMDC	DTI	DR9774	2 7/8	6 3/8	29.90	76.26	4 1/2 XHB
7	7 5/8" Stab	Blair	7-16	2 3/8	6 7/16	6.25	82.51	4 1/2 XHB
8	6x 6" Collars	rig	rig			180.83	263.34	4 1/2 XHB
9	4-1/2IF to 4-1/2XH XO	rig	rig			2.89	266.23	4 1/2 IFB
10	5 Hevi	Rig	rig	3	5	305.80	572.03	4 1/2 IFB
11						0.00	572.03	

