

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Burnett Oil Co. Inc. Burnett Plaza - Suite 1500 801 Cherry Street- Unit 9 Fort Worth, Texas 76102		² OGRID Number 03080
⁴ API Number 30 - 47088		³ Reason for Filing Code/ Effective Date New Well/
⁵ Pool Name Loco Hills Glorieta Yeso	⁶ Pool Code 96718	
⁷ Property Code 2388	⁸ Property Name Gissler A	⁹ Well Number 61

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	23	17S	30E		990	North	1060	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	17S	30E		965	North	1006	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

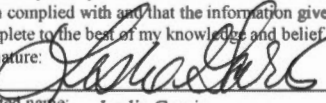
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
015694	Holly Frontier Corporation/Navajo Refinery P.O. Box 159 Artesia, NM 88211	O
038785	DCP Midstream LLC 5718 Westheimer, Suite 2000 Houston, Texas 77057	G
221115	Frontier Field Services LLC 2002 Timberloch Place, Suite 110 The Woodlands, TX 77380	G

IV. Well Completion Data

²¹ Spud Date 2/11/2021	²² Ready Dat 6/11/2021	²³ TD 6160'	²⁴ PBTB 6214'	²⁵ Perforations 4576-6160'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25"	8.625"	397'	580 sacks		
7.875"	5.5"	6192'	1330 sacks		
	2.875	5793'			

V. Well Test Data

³¹ Date New Oil 6/11/2021	³² Gas Delivery Date 6/11/2021	³³ Test Date 6/16/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure 380	³⁶ Csg. Pressure 50
³⁷ Choke Size	³⁸ Oil 177	³⁹ Water 808	⁴⁰ Gas 136	⁴¹ Test Method P	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature: 

Printed name: Leslie Garvis

Title: Regulatory & Government Affairs Mgr

E-mail Address: lgarvis@burnettoil.com

Date: 8/12/2021

Phone: 817-583-8730

OIL CONSERVATION DIVISION

Approved by: Kurt Simmons

Title: NMOCD, Santa Fe

Approval Date: 09/21/2021

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-9720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3480 Fax: (505) 476-3482State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised August 13, 2011Submit one copy to appropriate
District OfficeOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT

API Number	Pool Code 96718	Pool Name Loco Hills Glorieta Yeso
Property Code 2388	Property Name GISSLER A	Well Number 61
OGRID No. 03080	Operator Name BURNETT OIL COMPANY, INC.	Elevation 3665'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
A	23	17 S	30 E		990	NORTH	1060	EAST	EDDY

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/EAST line	County
A	23	17 S	30 E		965	NORTH	1006	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
10ac.			

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

N: 664895.2 E: 658723.1 NAD 83		N: 664913.1 E: 664004.4 NAD 83	
SURFACE LOCATION Lat - N 32.824516° Long - W 103.937446° NMSPCE- N 663919.6 E 662947.5 (NAD-83)		BOTTOM HOLE LOCATION Lat - N 32.824585° Long - W 103.937268° NMSPCE- N 663944.7 E 663001.9 (NAD-83)	
23			
N: 659615.4 E: 658742.1 NAD 83		N: 659632.8 E: 664020.9 NAD 83	

990'
965'
BH
1006'
1060'

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.

Calvin Bankes 8/5/21
Signature Date
Calvin Bankes
Printed Name
cbankes@burnettoil.com
Email Address

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.

AUGUST 3, 2021
Date Surveyed
Signature & Seal of Professional Surveyor
7977
Certificate Gary L. Lopez 7977
BASIC SURVEYOR

0' 500' 1000' 1500' 2000'
SCALE: 1" = 1000'
WO Num.: 35447



**Burnett Oil Company,
Inc.**

EOW

REPORT

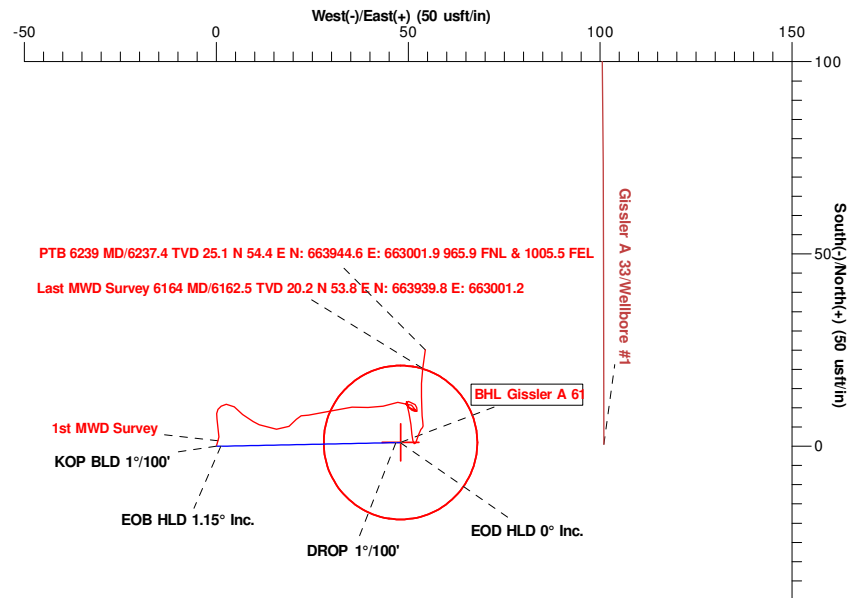
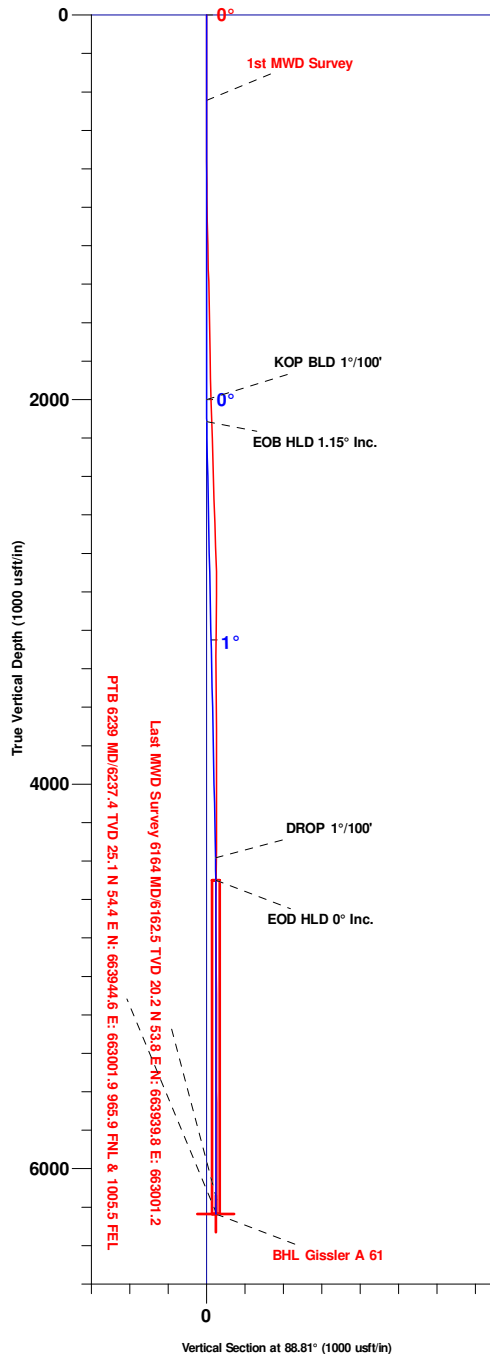
Gissler A 61

Eddy County, NM

02/12/2021-02/15/2021

Burnett Oil Company, Inc.
 Project: Eddy County, NM NAD 83
 Site: Sec 23-T17S-R30E
 Well: Gissler A 61
 Wellbore: Wellbore #1
 Plan: Plan #1 (Gissler A 61/Wellbore #1)

Gissler A 61
 3665.0
 RKB Elevation: 3665+17 @ 3682.0usft
 North American Datum 1983
 0.00 663919.60 662947.50 32° 49' 28.259 N 103° 56' 14.804 W



Azimuths to Grid North
 True North: -0.21°
 Magnetic North: 6.56°

Magnetic Field
 Strength: 47878.6nT
 Dip Angle: 60.50°
 Date: 01/29/2021
 Model: IGRF2015

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
2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0
2115.3	1.15	88.81	2115.3	0.0	1.2	1.00	88.81	1.2
4385.1	1.15	88.81	4384.7	1.0	46.8	0.00	0.00	46.8
4500.5	0.00	0.00	4500.0	1.0	48.0	1.00	180.00	48.0
6235.5	0.00	0.00	6235.0	1.0	48.0	0.00	0.00	48.0

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
BHL Gissler A 61	6235.0	1.0	48.0	663920.60	662995.50	32° 49' 28.267 N	103° 56' 14.241 W	Circle (Radius: 20.0)
- plan hits target center								



Burnett Oil Company, Inc.

Eddy County, NM NAD 83

Sec 23-T17S-R30E

Gissler A 61

Wellbore #1

Survey: Survey #1

Standard Survey Report

17 February, 2021



Microsoft Survey Report

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 61
Project:	Eddy County, NM NAD 83	TVD Reference:	3665+17 @ 3682.0usft
Site:	Sec 23-T17S-R30E	MD Reference:	3665+17 @ 3682.0usft
Well:	Gissler A 61	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 23-T17S-R30E			
Site Position:		Northing:	662,598.10 usft	Latitude:	32° 49' 15.204 N
From:	Map	Easting:	662,362.00 usft	Longitude:	103° 56' 21.723 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.21 °

Well	Gissler A 61					
Well Position	+N/-S	0.0 usft	Northing:	663,919.60 usft	Latitude:	32° 49' 28.259 N
	+E/-W	0.0 usft	Easting:	662,947.50 usft	Longitude:	103° 56' 14.804 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,665.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	01/29/21	6.78	60.50	47,878.64967091

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	88.81	

Survey Program	Date	02/17/21			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
445.0	6,239.0	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
445.0	0.40	16.84	445.0	1.5	0.5	0.5	0.09	0.09	0.00
1st MWD Survey									
569.0	0.53	9.46	569.0	2.5	0.7	0.7	0.12	0.10	-5.95
758.0	2.29	350.56	757.9	7.1	0.2	0.3	0.95	0.93	-10.00
883.0	1.58	59.21	882.9	10.4	1.3	1.5	1.81	-0.57	54.92
946.0	1.14	76.17	945.9	11.0	2.6	2.8	0.94	-0.70	26.92
1,072.0	1.23	138.66	1,071.8	10.3	4.7	4.9	0.98	0.07	49.60
1,197.0	1.45	128.20	1,196.8	8.3	6.9	7.0	0.26	0.18	-8.37
1,323.0	1.58	121.35	1,322.8	6.4	9.6	9.7	0.18	0.10	-5.44
1,386.0	1.63	112.12	1,385.7	5.6	11.2	11.3	0.42	0.08	-14.65

**PANTHER**
Microsoft
Survey Report

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 61
Project:	Eddy County, NM NAD 83	TVD Reference:	3665+17 @ 3682.0usft
Site:	Sec 23-T17S-R30E	MD Reference:	3665+17 @ 3682.0usft
Well:	Gissler A 61	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)
1,575.0	1.23	95.07	1,574.7	4.4	15.7	15.8	0.31	-0.21	-9.02
1,764.0	0.97	53.85	1,763.6	5.2	19.0	19.1	0.43	-0.14	-21.81
1,889.0	1.41	38.64	1,888.6	7.0	20.8	20.9	0.43	0.35	-12.17
2,015.0	2.07	91.90	2,014.6	8.1	24.0	24.2	1.32	0.52	42.27
2,204.0	1.63	64.57	2,203.5	9.2	29.9	30.1	0.51	-0.23	-14.46
2,392.0	1.89	93.04	2,391.4	10.2	35.4	35.6	0.48	0.14	15.14
2,518.0	1.85	90.32	2,517.3	10.1	39.5	39.7	0.08	-0.03	-2.16
2,643.0	1.85	76.87	2,642.2	10.5	43.5	43.7	0.35	0.00	-10.76
2,769.0	1.71	73.62	2,768.2	11.5	47.3	47.5	0.14	-0.11	-2.58
2,895.0	2.07	126.79	2,894.1	10.7	50.9	51.1	1.37	0.29	42.20
3,021.0	0.70	273.57	3,020.1	9.3	52.0	52.1	2.13	-1.09	116.49
3,210.0	0.57	316.02	3,209.1	10.1	50.1	50.3	0.25	-0.07	22.46
3,336.0	0.62	330.44	3,335.1	11.1	49.4	49.6	0.12	0.04	11.44
3,525.0	0.75	105.26	3,524.1	11.7	50.1	50.3	0.67	0.07	71.33
3,714.0	0.48	134.00	3,713.1	10.8	51.8	52.0	0.21	-0.14	15.21
3,840.0	0.35	177.24	3,839.1	10.1	52.2	52.4	0.26	-0.10	34.32
3,966.0	0.22	160.54	3,965.1	9.5	52.3	52.5	0.12	-0.10	-13.25
4,092.0	0.13	219.08	4,091.1	9.1	52.3	52.5	0.15	-0.07	46.46
4,218.0	0.48	280.34	4,217.1	9.1	51.7	51.9	0.34	0.28	48.62
4,343.0	0.35	302.22	4,342.1	9.4	50.9	51.1	0.16	-0.10	17.50
4,469.0	0.57	330.52	4,468.1	10.2	50.2	50.4	0.25	0.17	22.46
4,594.0	0.88	338.00	4,593.0	11.6	49.6	49.8	0.26	0.25	5.98
4,720.0	1.19	162.39	4,719.0	11.2	49.6	49.8	1.64	0.25	-139.37
4,846.0	1.27	169.77	4,845.0	8.6	50.2	50.4	0.14	0.06	5.86
4,972.0	1.45	172.67	4,971.0	5.7	50.7	50.8	0.15	0.14	2.30
5,097.0	0.88	174.69	5,095.9	3.1	51.0	51.0	0.46	-0.46	1.62
5,223.0	0.62	165.73	5,221.9	1.5	51.2	51.3	0.23	-0.21	-7.11
5,348.0	0.22	139.54	5,346.9	0.7	51.6	51.6	0.35	-0.32	-20.95
5,474.0	0.40	28.53	5,472.9	0.9	51.9	51.9	0.41	0.14	-88.10
5,599.0	1.71	18.34	5,597.9	3.0	52.7	52.8	1.05	1.05	-8.15
5,724.0	0.35	76.43	5,722.9	4.9	53.7	53.8	1.24	-1.09	46.47
5,787.0	0.66	356.36	5,785.9	5.3	53.9	54.0	1.10	0.49	-127.10
5,850.0	1.28	354.27	5,848.9	6.4	53.8	53.9	0.99	0.98	-3.32
5,913.0	1.71	357.00	5,911.9	8.0	53.6	53.8	0.69	0.68	4.33
5,976.0	2.36	359.26	5,974.8	10.2	53.6	53.8	1.04	1.03	3.59
6,038.0	2.76	357.42	6,036.8	13.0	53.5	53.8	0.66	0.65	-2.97
6,101.0	3.37	0.70	6,099.7	16.4	53.4	53.8	1.01	0.97	5.21
6,164.0	3.72	7.96	6,162.5	20.2	53.8	54.2	0.90	0.56	11.52
Last MWD Survey 6164 MD/6162.5 TVD 20.2 N 53.8 E N: 663939.8 E: 663001.2									
6,239.0	3.72	7.96	6,237.4	25.1	54.4	54.9	0.00	0.00	0.00
PTB 6239 MD/6237.4 TVD 25.1 N 54.4 E N: 663944.6 E: 663001.9 965.9 FNL & 1005.5 FEL									



Microsoft Survey Report

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Well Gissler A 61
Project:	Eddy County, NM NAD 83	TVD Reference:	3665+17 @ 3682.0usft
Site:	Sec 23-T17S-R30E	MD Reference:	3665+17 @ 3682.0usft
Well:	Gissler A 61	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)	
445.0	445.0	1.5	0.5	1st MWD Survey
6,164.0	6,162.5	20.2	53.8	Last MWD Survey 6164 MD/6162.5 TVD 20.2 N 53.8 E N: 663939.8 E: 663001.9
6,239.0	6,237.4	25.1	54.4	PTB 6239 MD/6237.4 TVD 25.1 N 54.4 E N: 663944.6 E: 663001.9 965.9 FNL 6

Checked By: _____ Approved By: _____ Date: _____

	JOB NO.: 932D-2021		Report Time: 2400		1 of 3	
	Company: Burnett Oil Company, Inc.		API JOB # 30-015-47088			
	LOCATION: Eddy County		WORK ORDER#			
	RIG NAME: Ensign 436		FIELD: Cedar Lake Glorieta Yeso / Loco Hills			
	STATE: New Mexico		Legal Desc.		Township-Section-Range 17S-23-30E	
	COUNTY: Eddy					
	WELL NAME: Gissler A 61					

From Friday, February 12, 2021 at 0000 to Friday, February 12, 2021 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	397.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	397.00	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 :	Greg Hickey			Size	Ibf/Ft	Set Depth	N/A		
Second Directional :	John Overton			8 5/8	24.49	1302.49			
MWD Operator1	Ben Unruh								
MWD Operator2									
Directional Company:	Panther								
Geologist:				Signature:					
Company Man:	Walter Royce / Dave Berryman			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
12-Feb-21	00:00	24:00	24.00	397.0	397.0	Standby	Standby

WinSERVE II Daily Report License: NP6211

Daily Report for JOB#: 932D-2021 - Page 1 of 1

	JOB NO.: 932D-2021		Report Time: 2400		2 of 3						
	Company: Burnett Oil Company, Inc.		API JOB # 30-015-47088								
	LOCATION: Eddy County		WORK ORDER#								
	RIG NAME: Ensign 436		FIELD: Cedar Lake Glorieta Yeso / Loco Hills								
	STATE: New Mexico		Legal Desc.		Township-Section-Range 17S-23-30E						
	COUNTY: Eddy										
	WELL NAME: Gissler A 61										
From Saturday, February 13, 2021 at 0000 to Saturday, February 13, 2021 at 2400											
DRILLING SUMMARY				Drilling Parameters							
Start Depth	397.00	Rotary Hours	7.42	WOB	35	Pick UP	65	Slack Off	59	SPM	
End Depth	2475.00	Circulating Hours	0.33	RAB	62	SPP	2650	FlowRate	0 - 605	172	
Total Drilled:	2078.00	Avg. Total ROP:	268.13	Mud Data							
Total Rotary Drilled:	2023.00	Avg. Rotary ROP:	272.76	Type	Brine			PV	0	SOLID	0
Total Drilled Sliding:	55.00	Avg. Slide ROP:	165.00	Weight	10.00 PPG	GAS	0	YP	0	BHT°	91.0
Slide Hours:	0.33	Percent Rotary:	97.35	Viscosity	29	SAND	0	PH	9	Flow T°	.0
Below Rotary Hrs.	12.33	Percent Slide:	2.65	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING			BHA				
Lead Directional :	Greg Hickey			Size	lbf/Ft	Set Depth	BHA # 1:DD406TX, 7/8 5.0 1.50° Fix T.S., 7 5/8" Stab, Shock Sub, UBHO, NMDC, 7 5/8" Stab, (6) DCs, X-O, (10) HWDP,				
Second Directional :	John Overton			8 5/8	24.49	1302.49					
MWD Operator1	Ben Unruh										
MWD Operator2											
Directional Company:	Panther										
Geologist:				Signature:							
Company Man:	Walter Royce / Dave Berryman						Daily Cost	\$7,700.00			
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:	\$12,100.00		
GENERAL COMMENT											
Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT				
13-Feb-21	00:00	11:40	11.67	397.0	397.0	Standby	Standby				
13-Feb-21	11:40	12:40	1.00	397	397	Change BHA	P/U BHA #1				
13-Feb-21	12:40	13:35	0.92	397	397	TIH	TIH				
13-Feb-21	13:35	13:55	0.33	397	397	Other - No Circ	Install rotating head				
13-Feb-21	13:55	14:10	0.25	397	397	Circulating	Drill shoe track				
13-Feb-21	14:10	14:15	0.08	397	397	Connection	Connection				
13-Feb-21	14:15	14:20	0.08	397	397	Circulating	Drill shoe track				
13-Feb-21	14:20	14:40	0.33	397	448	Drilling	Drilling - (WOB:25.00;GPM :405.00;RPM:30)				
13-Feb-21	14:40	14:45	0.08	448	448	Connection	Connection				
13-Feb-21	14:45	14:55	0.17	448	510	Drilling	Drilling - (WOB:30.00;GPM :598.00;RPM:30)				
13-Feb-21	14:55	15:00	0.08	510	510	Survey & Conn.	Survey & Conn.@445_Inc .4° Azm 16.84°				
13-Feb-21	15:00	15:20	0.33	510	634	Drilling	Drilling - (WOB:30.00;GPM :605.00;RPM:40)				
13-Feb-21	15:20	15:30	0.17	634	634	Survey & Conn.	Survey & Conn.@569_Inc .53° Azm 9.46°				
13-Feb-21	15:30	15:55	0.42	634	823	Drilling	Drilling - (WOB:33.00;GPM :605.00;RPM:40)				
13-Feb-21	15:55	16:10	0.25	823	823	Survey & Conn.	Survey & Conn.@758_Inc ° Azm °				
13-Feb-21	16:10	16:15	0.08	823	838	Sliding	Sliding - (WOB:22.00;GPM :605;TFO:145M)				
13-Feb-21	16:15	16:30	0.25	838	948	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)				
13-Feb-21	16:30	16:45	0.25	948	948	Survey & Conn.	Survey & Conn.@883_Inc 1.58° Azm 59.21°				
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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Feb-21	16:45	16:50	0.08	948	963	Sliding	Sliding - (WOB:25.00;GPM :605;TFO:220M)
13-Feb-21	16:50	16:55	0.08	963	1011	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	16:55	17:00	0.08	1011	1011	Survey & Conn.	Survey & Conn.@946_Inc 1.14°_Azm 76.17°
13-Feb-21	17:00	17:15	0.25	1011	1137	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	17:15	17:25	0.17	1137	1137	Survey & Conn.	Survey & Conn.@1072_Inc 1.23°_Azm 138.66°
13-Feb-21	17:25	18:05	0.67	1137	1262	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	18:05	18:10	0.08	1262	1262	Survey & Conn.	Survey & Conn.@1197_Inc 1.45°_Azm 128.2°
13-Feb-21	18:10	18:45	0.58	1262	1388	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	18:45	18:50	0.08	1388	1388	Survey & Conn.	Survey & Conn.@1323_Inc 1.58°_Azm 121.35°
13-Feb-21	18:50	19:00	0.17	1388	1451	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	19:00	19:05	0.08	1451	1451	Survey & Conn.	Survey & Conn.@1386_Inc 1.63°_Azm 112.12°
13-Feb-21	19:05	19:55	0.83	1451	1640	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	19:55	20:00	0.08	1640	1640	Survey & Conn.	Survey & Conn.@1575_Inc °_Azm °
13-Feb-21	20:00	20:45	0.75	1640	1829	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	20:45	20:50	0.08	1829	1829	Survey & Conn.	Survey & Conn.@1764_Inc .97°_Azm 53.85°
13-Feb-21	20:50	21:20	0.50	1829	1954	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	21:20	21:25	0.08	1954	1954	Survey & Conn.	Survey & Conn.@1889_Inc 1.41°_Azm 38.64°
13-Feb-21	21:25	21:35	0.17	1954	1985	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	21:35	21:40	0.08	1985	1995	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:150M))
13-Feb-21	21:40	22:00	0.33	1995	2080	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	22:00	22:05	0.08	2080	2080	Survey & Conn.	Survey & Conn.@2015_Inc 2.07°_Azm 91.9°
13-Feb-21	22:05	22:45	0.67	2080	2269	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	22:45	22:50	0.08	2269	2269	Survey & Conn.	Survey & Conn.@2204_Inc 1.63°_Azm 64.57°
13-Feb-21	22:50	23:05	0.25	2269	2300	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	23:05	23:10	0.08	2300	2315	Sliding	Sliding - (WOB:30.00;GPM :605;TFO:150M))
13-Feb-21	23:10	23:45	0.58	2315	2457	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
13-Feb-21	23:45	23:55	0.17	2457	2457	Survey & Conn.	Survey & Conn.@2392_Inc 1.89°_Azm 93.04°
13-Feb-21	23:55	24:00	0.08	2457	2475	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)

	JOB NO.: 932D-2021		Report Time: 2400		3 of 3	
	Company: Burnett Oil Company, Inc.		API JOB # 30-015-47088			
	LOCATION: Eddy County		WORK ORDER#			
	RIG NAME: Ensign 436		FIELD: Cedar Lake Glorieta Yeso / Loco Hills			
	STATE: New Mexico		Legal Desc.		Township-Section-Range 17S-23-30E	
	COUNTY: Eddy					
	WELL NAME: Gissler A 61					

From Sunday, February 14, 2021 at 0000 to Sunday, February 14, 2021 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	2475.00	Rotary Hours	9.50	WOB	40	Pick UP	130	Slack Off	115	SPM	
End Depth	4607.00	Circulating Hours	2.92	RAB	125	SPP	3050	FlowRate	605 - 605	172	
Total Drilled:	2132.00	Avg. Total ROP:	216.81	Mud Data							
Total Rotary Drilled:	2087.00	Avg. Rotary ROP:	219.68	Type	Brine			PV	0	SOLID	0
Total Drilled Sliding:	45.00	Avg. Slide ROP:	135.00	Weight	10.00 PPG	GAS	0	YP	0	BHT°	98.0
Slide Hours:	0.33	Percent Rotary:	97.89	Viscosity	29	SAND	0	PH	9	Flow T°	.0
Below Rotary Hrs.	24.00	Percent Slide:	2.11	Chlorides	0	WL	0			Oil %	0

PERSONNEL		CASING		BHA					
Lead Directional :	Greg Hickey	Size	lbf/Ft	Set Depth	BHA # 2:DD406TX, 7/8 5.0 1.50° Fix T.S., 7 5/8" Stab, Shock Sub, UBHO, NMDC, 7 5/8" Stab, (6) DCs, X-O, (10) HWDP,				
Second Directional :	John Overton	8 5/8	24.49	1302.49					
MWD Operator1	Ben Unruh								
MWD Operator2									
Directional Company:	Panther								
Geologist:		Signature:							
Company Man:	Walter Royce / Dave Berryman			Daily Cost	\$7,700.00				
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:	\$19,800.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Feb-21	00:00	00:25	0.42	2475.0	2583.0	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
14-Feb-21	00:25	00:35	0.17	2583	2583	Survey & Conn.	Survey & Conn.@2518_Inc 1.85°_Azm 90.32°
14-Feb-21	00:35	01:05	0.50	2583	2708	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
14-Feb-21	01:05	01:10	0.08	2708	2708	Survey & Conn.	Survey & Conn.@2643_Inc 1.85°_Azm 76.87°
14-Feb-21	01:10	01:45	0.58	2708	2834	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
14-Feb-21	01:45	01:50	0.08	2834	2834	Survey & Conn.	Survey & Conn.@2769_Inc 1.71°_Azm 73.62°
14-Feb-21	01:50	02:00	0.17	2834	2866	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
14-Feb-21	02:00	02:05	0.08	2866	2881	Sliding	Sliding - (WOB:35.00;GPM :605;TFO:210M))
14-Feb-21	02:05	02:25	0.33	2881	2960	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
14-Feb-21	02:25	02:30	0.08	2960	2960	Survey & Conn.	Survey & Conn.@2895_Inc 2.07°_Azm 126.79°
14-Feb-21	02:30	02:40	0.17	2960	2991	Drilling	Drilling - (WOB:35.00;GPM :605.00;RPM:45)
14-Feb-21	02:40	02:50	0.17	2991	3011	Sliding	Sliding - (WOB:35.00;GPM :605;TFO:280M))
14-Feb-21	02:50	03:10	0.33	3011	3086	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:45)
14-Feb-21	03:10	03:15	0.08	3086	3086	Survey & Conn.	Survey & Conn.@3021_Inc .7°_Azm 273.57°
14-Feb-21	03:15	04:00	0.75	3086	3275	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:45)
14-Feb-21	04:00	04:10	0.17	3275	3275	Survey & Conn.	Survey & Conn.@3210_Inc .57°_Azm 316.02°
14-Feb-21	04:10	04:40	0.50	3275	3401	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:45)
14-Feb-21	04:40	04:45	0.08	3401	3401	Survey & Conn.	Survey & Conn.@3336_Inc .62°_Azm 330.44°

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Feb-21	04:45	04:50	0.08	3401	3432	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:55)
14-Feb-21	04:50	04:55	0.08	3432	3442	Sliding	Sliding - (WOB:35.00;GPM :605;TFO:150M))
14-Feb-21	04:55	05:30	0.58	3442	3590	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:55)
14-Feb-21	05:30	05:35	0.08	3590	3590	Survey & Conn.	Survey & Conn.@3525_Inc .75°_Azm 105.26°
14-Feb-21	05:35	06:20	0.75	3590	3779	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:55)
14-Feb-21	06:20	06:35	0.25	3779	3779	Survey & Conn.	Survey & Conn.@3714_Inc .48°_Azm 134°
14-Feb-21	06:35	07:05	0.50	3779	3905	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:55)
14-Feb-21	07:05	07:10	0.08	3905	3905	Survey & Conn.	Survey & Conn.@3840_Inc .35°_Azm 177.24°
14-Feb-21	07:10	07:45	0.58	3905	4031	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:55)
14-Feb-21	07:45	07:55	0.17	4031	4031	Survey & Conn.	Survey & Conn.@3966_Inc .22°_Azm 160.54°
14-Feb-21	07:55	08:35	0.67	4031	4157	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
14-Feb-21	08:35	08:45	0.17	4157	4157	Survey & Conn.	Survey & Conn.@4092_Inc .13°_Azm 219.08°
14-Feb-21	08:45	08:50	0.08	4157	4175	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
14-Feb-21	08:50	11:00	2.17	4175	4175	Circulating	Circulating
14-Feb-21	11:00	11:20	0.33	4175	4175	POOH	POOH t/ 3950'
14-Feb-21	11:20	11:50	0.50	4175	4175	Other - No Circ	Drain and blow out all mud lines
14-Feb-21	11:50	15:35	3.75	4175	4175	POOH	POOH
14-Feb-21	15:35	16:20	0.75	4175	4175	Change BHA	L/D BHA #1
14-Feb-21	16:20	17:30	1.17	4175	4175	TIH	P/U BHA #2
14-Feb-21	17:30	20:30	3.00	4175	4175	TIH	TIH
14-Feb-21	20:30	21:15	0.75	4175	4175	Circulating	Fill Pipe & Wash to Bottom f/ 4091'
14-Feb-21	21:15	21:55	0.67	4175	4283	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
14-Feb-21	21:55	22:00	0.08	4283	4283	Survey & Conn.	Survey & Conn.@4218_Inc .48°_Azm 280.34°
14-Feb-21	22:00	22:40	0.67	4283	4408	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
14-Feb-21	22:40	22:45	0.08	4408	4408	Survey & Conn.	Survey & Conn.@4343_Inc .35°_Azm 302.22°
14-Feb-21	22:45	23:25	0.67	4408	4534	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
14-Feb-21	23:25	23:30	0.08	4534	4534	Survey & Conn.	Survey & Conn.@4469_Inc .57°_Azm 330.52°
14-Feb-21	23:30	24:00	0.50	4534	4607	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)

	JOB NO.: 932D-2021		Report Time: 2400		4 of 4	
	Company: Burnett Oil Company, Inc.		API JOB # 30-015-47088			
	LOCATION: Eddy County		WORK ORDER#			
	RIG NAME: Ensign 436		FIELD: Cedar Lake Glorieta Yeso / Loco Hills			
	STATE: New Mexico		Legal Desc.		Township-Section-Range 17S-23-30E	
	COUNTY: Eddy					
	WELL NAME: Gissler A 61					

From Monday, February 15, 2021 at 0000 to Monday, February 15, 2021 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4607.00	Rotary Hours	9.25	WOB	45	Pick UP	165	Slack Off	143	SPM	
End Depth	6239.00	Circulating Hours	4.42	RAB	153	SPP	3675	FlowRate	605 - 605	172	
Total Drilled:	1632.00	Avg. Total ROP:	171.79	Mud Data							
Total Rotary Drilled:	1607.00	Avg. Rotary ROP:	173.73	Type	Brine			PV	0	SOLID	0
Total Drilled Sliding:	25.00	Avg. Slide ROP:	100.00	Weight	10.40 PPG	GAS	0	YP	0	BHT°	100.0
Slide Hours:	0.25	Percent Rotary:	98.47	Viscosity	29	SAND	0	PH	8	Flow T°	.0
Below Rotary Hrs.	23.50	Percent Slide:	1.53	Chlorides	0	WL	0			Oil %	0

PERSONNEL		CASING		BHA					
Lead Directional :	Greg Hickey	Size	lbf/Ft	Set Depth	BHA # 2:DD406TX, 7/8 5.0 1.50° Fix T.S., 7 5/8" Stab, Shock Sub, UBHO, NMDC, 7 5/8" Stab, (6) DCs, X-O, (10) HWDP,				
Second Directional :	John Overton	8 5/8	24.49	1302.49					
MWD Operator1	Ben Unruh								
MWD Operator2									
Directional Company:	Panther								
Geologist:		Signature:							
Company Man:	Walter Royce / Dave Berryman			Daily Cost	\$6,700.00				
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:	\$26,500.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Feb-21	00:00	00:15	0.25	4607.0	4659.0	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	00:15	00:20	0.08	4659	4659	Survey & Conn.	Survey & Conn.@4594_Inc °_Azm °
15-Feb-21	00:20	00:30	0.17	4659	4691	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	00:30	00:35	0.08	4691	4701	Sliding	Sliding - (WOB:35.00;GPM :605;TFO:180M))
15-Feb-21	00:35	01:05	0.50	4701	4785	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	01:05	01:10	0.08	4785	4785	Survey & Conn.	Survey & Conn.@4720_Inc 1.19°_Azm 162.39°
15-Feb-21	01:10	01:50	0.67	4785	4911	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	01:50	01:55	0.08	4911	4911	Survey & Conn.	Survey & Conn.@4846_Inc 1.27°_Azm 169.77°
15-Feb-21	01:55	02:40	0.75	4911	5037	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	02:40	02:45	0.08	5037	5037	Survey & Conn.	Survey & Conn.@4972_Inc 1.45°_Azm 172.67°
15-Feb-21	02:45	03:35	0.83	5037	5162	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	03:35	03:40	0.08	5162	5162	Survey & Conn.	Survey & Conn.@5097_Inc .88°_Azm 174.69°
15-Feb-21	03:40	04:25	0.75	5162	5288	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	04:25	04:30	0.08	5288	5288	Survey & Conn.	Survey & Conn.@5223_Inc .62°_Azm 165.73°
15-Feb-21	04:30	05:15	0.75	5288	5413	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	05:15	05:20	0.08	5413	5413	Survey & Conn.	Survey & Conn.@5348_Inc .22°_Azm 139.54°
15-Feb-21	05:20	06:00	0.67	5413	5539	Drilling	Drilling - (WOB:40.00;GPM :605.00;RPM:57)
15-Feb-21	06:00	06:10	0.17	5539	5539	Survey & Conn.	Survey & Conn.@5474_Inc .4°_Azm 28.53°

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Feb-21	06:10	06:50	0.67	5539	5664	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	06:50	07:00	0.17	5664	5664	Survey & Conn.	Survey & Conn.@5599_Inc 1.71°_Azm 18.34°
15-Feb-21	07:00	07:10	0.17	5664	5685	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	07:10	07:20	0.17	5685	5700	Sliding	Sliding - (WOB:40.00;GPM :605;TFO:200M))
15-Feb-21	07:20	07:30	0.17	5700	5727	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	07:30	07:45	0.25	5727	5727	Connection	Connection
15-Feb-21	07:45	08:10	0.42	5727	5789	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	08:10	08:15	0.08	5789	5789	Survey & Conn.	Survey & Conn.@5724_Inc .35°_Azm 76.43°
15-Feb-21	08:15	08:40	0.42	5789	5852	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	08:40	08:50	0.17	5852	5852	Survey & Conn.	Survey & Conn.@5787_Inc .66°_Azm 356.36°
15-Feb-21	08:50	09:30	0.67	5852	5915	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	09:30	09:40	0.17	5915	5915	Connection	Connection
15-Feb-21	09:40	10:25	0.75	5915	5915	Circulating	Trouble shoot MWD
15-Feb-21	10:25	10:45	0.33	5915	6041	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	10:45	10:55	0.17	6041	6041	Connection	Connection
15-Feb-21	10:55	11:15	0.33	6041	6103	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	11:15	11:20	0.08	6103	6103	Connection	Connection
15-Feb-21	11:20	11:40	0.33	6103	6166	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	11:40	11:45	0.08	6166	6166	Connection	Connection
15-Feb-21	11:45	12:05	0.33	6166	6229	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	12:05	12:15	0.17	6229	6229	Connection	Connection
15-Feb-21	12:15	12:20	0.08	6229	6239	Drilling	Drilling - (WOB:45.00;GPM :605.00;RPM:57)
15-Feb-21	12:20	16:00	3.67	6239	6239	Circulating	Circulating
15-Feb-21	16:00	23:05	7.08	6239	6239	POOH	L/D drill string
15-Feb-21	23:05	23:30	0.42	6239	6239	POOH	L/D BHA #2

		BHA PROPOSAL				BHA #		1	
		JOB NO.: 932D-2021				FIELD: Cedar Lake Glorieta Yeso / Loco Hills			
		Company: Burnett Oil Company, Inc.				Legal Desc. Township-Section-Range 17S-23-30E			
		LOCATION: Eddy County							
		RIG NAME: Ensign 436							
		STATE: New Mexico							
		COUNTY: Eddy				BHA TYPE: Pendulum Assembly			
		WELL NAME: Gissler A 61							
Bit Data			MOTOR DATA			Expectations			
BAKER DD406TX			7/8 5.0 Fxd @ 1.5° TS			Start Depth 397.00			
Type Bit			Model: Performance			End Depth 0.00			
TFA 1.49 in²			MFG. Panther			Drilling Hours 0.00			
JETS			Bend ° 1.5			Avg ROP: ---			
18 18 18 18 18			Lobe/Stage 7/8 / 5						
18			Bit to Bend 4.00			Incl. IN 0.0 OUT 0.0			
			Motor Diff 0...0						
Comments									
Survey: 65' GPM: 300 - 600 RPG: 0.288									
BHA Detail									
#	Description	MFG	Serial #	I.D.	O.D.	Length	Sum	Top Conn	
1	DD406TX	BAKER	5317516	0	7 7/8	1.00	1.00	4 1/2 REGP	
2	7/8 5.0 1.50° Fix T.S.	Panther	650003	0	6.5	25.38	26.38	4 1/2 XHB	
3	7 5/8" Stab	Blair	1-16	2 3/8	6 3/8	6.25	32.63	4 1/2 XHB	
4	Shock Sub	Cougar	ST5-612-344	2 9/16	6 7/16	12.30	44.93	4 1/2 XHB	
5	UBHO	PANTHER	6059U	2 13/16	6 1/2	3.15	48.08	4 1/2 XHB	
6	NMDC	Panther	DR13134	2 13/16	6 3/8	28.62	76.70	4 1/2 XHB	
7	7 5/8" Stab	Blair	2-16	2 3/8	6 3/8	6.23	82.93	4 1/2 XHB	
8	(6) DCs	Rig	DCs	2 1/2	6 1/2	179.54	262.47	4 1/2 XHB	
9	X-O	Blair	x-o	2 7/8	6 3/8	3.14	265.61	4 1/2 IFB	
10	(10) HWDP	RIG	HWDP	3	6 1/2	306.13	571.74	4 1/2 IFB	
WinSURV II BHA Proposal									



(10) HWDP
O.D.=6.500 In.
Length=306.13 Ft

X-O
O.D.=6.375 In.
Length=3.14 Ft

(6) DCs
O.D.=6.500 In.
Length=179.54 Ft
FN=.00 Ft

7 5/8" Stab
O.D.=6.375 In.
Length=6.23 Ft
FN=2.78 Ft

NMDC
O.D.=6.375 In.
Length=28.62 Ft
FN=.00 Ft

UBHO
O.D.=6.500 In.
Length=3.15 Ft

Shock Sub
O.D.=6.438 In.
Length=12.30 Ft

7 5/8" Stab
O.D.=6.375 In.
Length=6.25 Ft
FN=2.73 Ft

7/8 5.0 1.50° Fix T.S.
O.D.=6.500 In.
Length=25.38 Ft
FN=1.86 Ft

DD406TX
O.D.=7.875 In.
Length=1.00 Ft
FN=.00 Ft

BHA # 1		Mud Motor Report													
JOB NO.:	932D-2021		FIELD:	Cedar Lake Glorieta Yeso / Loco Hills											
Company:	Burnett Oil Company, Inc.		Legal Desc.	Township-Section-Range											
LOCATION:	Eddy County			17S-23-30E											
RIG NAME:	Ensign 436		Lead DD:	Greg Hickey											
STATE:	New Mexico		Co. Man:	Walter Royce / Dave Berryman											
COUNTY:	Eddy		Motor Failed?	NO											
WELL NAME:	Gissler A 61														
Time and Depths (This BHA)		MOTOR DATA			Drilling Parameters										
Date In:	13-Feb-21 @ 12:40		Desc:	7/8 5.0 Fxd @ 1.5° TS		SO/PU:	0 - 100 / 0-117								
Date Out:	14-Feb-21 @ 16:20		MFG.:	Panther		Rot Wt:	0-105								
Hrs In Hole:	27.67		BHA Circ/ All BHA:	17.58 / 17.58		WOB:	0 - 40								
Start Depth:	397.00		Motor SN:	650003		TORQ:	2750 - 8500								
End Depth:	4175.00		Pad OD:	42534.00		SPP:	0 - 3000								
Total Drilled:	3778.00		NB Stab:	0.00		Motor RPM:	174.2								
Avg. Total ROP:	250.48		Bit to Bend:	4.00		Rotary RPM:	30 - 57								
Circ Hrs:Tot/Only	17.58 / 2.50		Bent Hsg / Sub:	1.5 / /		Flow Rate:	0 - 605								
Percent Slide:	2.65		Lobe/Stage:	7/8 / 5		Avg Diff:	0								
Percent Hrs:	4.42		Revs/Gal	0.29		Stall Pres.:	0								
Slide Hours:	.67		Rotor Jet:	0.0		Off Bot Pres.:	0								
Total Sliding:	100.00		Prop BUR:			Bit Record									
Avg. Slide ROP:	150.00		Act BUR:			BAKER / DD406TX									
Percent Rotary:	97.35		Stator Clearance:			Run #:	1								
Percent Hrs:	95.58		Lower Stab OD:	0.00		Type Bit:	PDC								
Rot / Total Hrs:	14.42 / 15.08		Upper Stab OD:	0		IADC#:	TFA: 1.49 in²								
Rotary Drilled:	3678.00		Extended Motor?	NO		JETS:	6-18								
Avg. Rotary ROP:	255.12		Number of Stalls:			P Drop:	152PSI @ 605 GPM								
Reason POOH:	PR		Stall Duration:			Cond.:	DBR								
Mud Data															
Type	Brine		WT:	10.0PPG	Vis:	29	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 °:	98.0
Formation:															
EXPANDED REASON PULLED:															
BHA PERFORMANCE:															
ADDITIONAL COMMENTS: (Expands to next page if necessary)															
WinSURV II Mud Motor Report															

		BHA PROPOSAL				BHA #		2	
		JOB NO.: 932D-2021				FIELD: Cedar Lake Glorieta Yeso / Loco Hills			
		Company: Burnett Oil Company, Inc.				Legal Desc. Township-Section-Range 17S-23-30E			
		LOCATION: Eddy County							
		RIG NAME: Ensign 436							
		STATE: New Mexico							
		COUNTY: Eddy				BHA TYPE: Pendulum Assembly			
WELL NAME: Gissler A 61									
Bit Data			MOTOR DATA			Expectations			
BAKER DD406TX			7/8 5.0 Fxd @ 1.5° TS			Start Depth 4,175.00			
Type Bit			Model: Performance			End Depth 0.00			
TFA 1.49 in²			MFG. Panther			Drilling Hours 0.00			
JETS			Bend ° 1.5			Avg ROP: ---			
18 18 18 18 18			Lobe/Stage 7/8 / 5			Incl. IN 0.0 OUT 0.0			
18			Bit to Bend 4.00 Motor Diff						
Comments									
Survey: 65' GPM: 300 - 600 RPG: 0.288									
BHA Detail									
#	Description	MFG	Serial #	I.D.	O.D.	Length	Sum	Top Conn	
1	DD406TX	BAKER	5308376		7 7/8	1.00	1.00	4 1/2 XHP	
2	7/8 5.0 1.50° Fix T.S.	Panther	650011	0	6 1/2	25.23	26.23	4 1/2 XHB	
3	7 5/8" Stab	Blair	1-16	2 3/8	6 3/8	6.25	32.48	4 1/2 XHB	
4	Shock Sub	Cougar	ST5-612-344	2 9/16	6 7/16	12.30	44.78	4 1/2 XHB	
5	UBHO	PANTHER	6059U	2 13/16	6 1/2	3.15	47.93	4 1/2 XHB	
6	NMDC	Panther	DR13134	2 13/16	6 3/8	28.62	76.55	4 1/2 XHB	
7	7 5/8" Stab	Blair	2-16	2 3/8	6 3/8	6.23	82.78	4 1/2 XHB	
8	(6) DCs	Rig	DCs	2 1/2	6 1/2	179.54	262.32	4 1/2 XHB	
9	X-O	Blair	x-o	2 7/8	6 3/8	3.14	265.46	4 1/2 IFB	
10	(10) HWDP	RIG	HWDP	3	6 1/2	306.13	571.59	4 1/2 IFB	



(10) HWDP
O.D.=6.500 In.
Length=306.13 Ft

X-O
O.D.=6.375 In.
Length=3.14 Ft

(6) DCs
O.D.=6.500 In.
Length=179.54 Ft
FN=.00 Ft

7 5/8" Stab
O.D.=6.375 In.
Length=6.23 Ft
FN=2.78 Ft

NMDC
O.D.=6.375 In.
Length=28.62 Ft
FN=.00 Ft

UBHO
O.D.=6.500 In.
Length=3.15 Ft

Shock Sub
O.D.=6.438 In.
Length=12.30 Ft

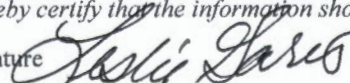
7 5/8" Stab
O.D.=6.375 In.
Length=6.25 Ft
FN=2.73 Ft

7/8 5.0 1.50° Fix T.S.
O.D.=6.500 In.
Length=25.23 Ft
FN=1.83 Ft

DD406TX
O.D.=7.875 In.
Length=1.00 Ft

WinSURV II BHA Proposal

BHA # 2		Mud Motor Report													
JOB NO.:	932D-2021		FIELD:	Cedar Lake Glorieta Yeso / Loco Hills											
Company:	Burnett Oil Company, Inc.		Legal Desc.	Township-Section-Range											
LOCATION:	Eddy County			17S-23-30E											
RIG NAME:	Ensign 436		Lead DD:	Greg Hickey											
STATE:	New Mexico		Co. Man:	Walter Royce / Dave Berryman											
COUNTY:	Eddy		Motor Failed?	NO											
WELL NAME:	Gissler A 61														
Time and Depths (This BHA)		MOTOR DATA			Drilling Parameters										
Date In:	14-Feb-21 @ 16:20		Desc:	7/8 5.0 Fxd @ 1.5° TS		SO/PU:	100 - 143 / 117-165								
Date Out:	15-Feb-21 @ 23:30		MFG.:	Panther		Rot Wt:	105-153								
Hrs In Hole:	31.17		BHA Circ/ All BHA:	17.17 / 17.17		WOB:	35 - 45								
Start Depth:	4175.00		Motor SN:	650011		TORQ:	6600 - 9250								
End Depth:	6239.00		Pad OD:	38906.00		SPP:	2900 - 3675								
Total Drilled:	2064.00		NB Stab:	0.00		Motor RPM:	174.2								
Avg. Total ROP:	172.00		Bit to Bend:	4.00		Rotary RPM:	57 - 57								
Circ Hrs:Tot/Only	17.17 / 5.17		Bent Hsg / Sub:	1.5 / /		Flow Rate:	605 - 605								
Percent Slide:	1.21		Lobe/Stage:	7/8 / 5		Avg Diff:									
Percent Hrs:	2.08		Revs/Gal	0.29		Stall Pres.:									
Slide Hours:	.25		Rotor Jet:	0.0		Off Bot Pres.:									
Total Sliding:	25.00		Prop BUR:			Bit Record									
Avg. Slide ROP:	100.00		Act BUR:			BAKER / DD406TX									
Percent Rotary:	98.79		Stator Clearance:			Run #:	2								
Percent Hrs:	97.92		Lower Stab OD:			Type Bit:	ROCK								
Rot / Total Hrs:	11.75 / 12.00		Upper Stab OD:			IADC#:	TFA: 1.49 in ²								
Rotary Drilled:	2039.00		Extended Motor?	NO		JETS:	6-18								
Avg. Rotary ROP:	173.53		Number of Stalls:			P Drop:	158PSI @ 605 GPM								
Reason POOH:			Stall Duration:			Cond.:									
Mud Data															
Type	Brine		WT:	10.4PPG	Vis:	29	WL:	0	PV:	0	Flow T %:	0.0			
SAND:	0	Chlor:	0	GAS:	0	SOL:	0	Oil %:	0	YP:	0	PH:	8	Bottom Hole T %:	100.0
Formation:															
EXPANDED REASON PULLED:															
BHA PERFORMANCE:															
ADDITIONAL COMMENTS: (Expands to next page if necessary)															
WinSURV II Mud Motor Report															

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017															
		1. WELL API NO. 30-015-47088																			
		2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN																			
		3. State Oil & Gas Lease No.																			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																					
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)						5. Lease Name or Unit Agreement Name Gissler A															
						6. Well Number: 61															
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																					
8. Name of Operator Burnett Oil Co. Inc.						9. OGRID 03080															
10. Address of Operator Burnett Plaza - Suite 1500 801 Cherry Street - Unit 9 Fort Worth, Texas 76102						11. Pool name or Wildcat Loco Hills Glorieta Yeso															
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County											
Surface:	A	23	17S	30E		990	North	1060	East	Eddy											
BH:	A	23	17S	30E		965	North	1006	East	Eddy											
13. Date Spudded 2/11/2021	14. Date T.D. Reached 2/15/2021		15. Date Rig Released 2/17/2021		16. Date Completed (Ready to Produce) 6/11/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3665'														
18. Total Measured Depth of Well 6160'			19. Plug Back Measured Depth 6214'		20. Was Directional Survey Made? Y		21. Type Electric and Other Logs Run GR DSN														
22. Producing Interval(s), of this completion - Top, Bottom, Name																					
23. CASING RECORD (Report all strings set in well)																					
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED											
16"		40		150'		20"															
8.625"		24		397'		12.25"		580 sxs													
5.5"		20		6192'		7.875"		1330 sxs													
24. LINER RECORD					25. TUBING RECORD																
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET														
					2.875"	5793'	2601'														
26. Perforation record (interval, size, and number) 4576-4857' - 0.42, 40, Open 4907-5117' - 0.42, 40, Open 5196-5443' - 0.42, 40, Open 5497-5780' - 0.42, 40, Open 5843-6160' - 0.42, 40, Open					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4576-4857'</td> <td>Frac 565,152 gal SW+29,880# 100 Mesh+206,800# 40/70+38,440# 40/70 RC</td> </tr> <tr> <td>4907-5117'</td> <td>Frac 558,600 gal SW+29,860# 100 Mesh+206,780# 40/70+38,420# 40/70 RC</td> </tr> <tr> <td>5196-5443'</td> <td>Frac 566,580 gal SW+29,990# 100 Mesh+208,550# 40/70+38,050# 40/70 RC</td> </tr> <tr> <td>5497-5780'</td> <td>Frac 574,896 gal SW+28,650# 100 Mesh+208,580# 40/70+38,540# 40/70 RC</td> </tr> <tr> <td>5843-6160'</td> <td>Frac 566,160 gal SW+30,030# 100 Mesh+208,550# 40/70+38,050# 40/70 RC</td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4576-4857'	Frac 565,152 gal SW+29,880# 100 Mesh+206,800# 40/70+38,440# 40/70 RC	4907-5117'	Frac 558,600 gal SW+29,860# 100 Mesh+206,780# 40/70+38,420# 40/70 RC	5196-5443'	Frac 566,580 gal SW+29,990# 100 Mesh+208,550# 40/70+38,050# 40/70 RC	5497-5780'	Frac 574,896 gal SW+28,650# 100 Mesh+208,580# 40/70+38,540# 40/70 RC	5843-6160'	Frac 566,160 gal SW+30,030# 100 Mesh+208,550# 40/70+38,050# 40/70 RC
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																				
4576-4857'	Frac 565,152 gal SW+29,880# 100 Mesh+206,800# 40/70+38,440# 40/70 RC																				
4907-5117'	Frac 558,600 gal SW+29,860# 100 Mesh+206,780# 40/70+38,420# 40/70 RC																				
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5843-6160'	Frac 566,160 gal SW+30,030# 100 Mesh+208,550# 40/70+38,050# 40/70 RC																				
28. PRODUCTION																					
Date First Production 6/11/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Electric Pumping Unit				Well Status (Prod. or Shut-in) Producing															
Date of Test 6/16/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 177	Gas - MCF 136	Water - Bbl 808	Gas - Oil Ratio														
Flow Tubing Press. 380	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)															
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By														
31. List Attachments																					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:														
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																					
Latitude Longitude NAD83																					
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																					
Signature 			Printed Name Leslie Garvis		Title Regulatory & Government Affairs Manager		Date 8/12/2021														
E-mail Address lgarvis@burnettoil.com																					

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 253	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 430	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1151	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 1333	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1628	T. Devonian	T. Cliff House	T. Leadville
T. Queen 2249	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2655	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 3022	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4502	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from 4502' to 4596'
 No. 2, from 4596' to Bottom not reached
 No. 3, fromto.....
 No. 4, fromto.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, fromto.....feet.....
 No. 2, fromto.....feet.....
 No. 3, fromto.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
253	430		(Rustler) Anhydrite, Shale				
430	1151		(Salado) Salt				
1151	1333		(Base of Salt) Anhydrite				
1333	1628		(Yates) Anhydrite, Shale				
1628	2249		(Seven Rivers) Anhydrite, Dolomite				
2249	2655		(Queen) Anhydrite, Sandstone				
2655	4502		(Grayburg) Dolomite				
4502	4596		(Glorieta) Sandstone, Shale				
4596	Bottom not reached		(Yeso) Dolomite				

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 41780

ACKNOWLEDGMENTS

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 41780
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 41780

CONDITIONS

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 41780
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/21/2021