

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
		³ Reason for Filing Code/ Effective Date New Well/1/11/2021
⁴ API Number 30 - 015-46282	⁵ Pool Name Cedar Lake Glorieta Yeso	
	⁶ Pool Code 96831	
⁷ Property Code 2388	⁸ Property Name Gissler A	⁹ Well Number 55

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
P	14	17S	30E		330	South	330	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
Same as Above									
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1/11/2021	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

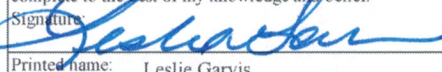
IV. Well Completion Data

²¹ Spud Date 11/8/2020	²² Ready Date 1/11/2021	²³ TD 6118'	²⁴ PBDT 6104'	²⁵ Perforations 4501-5924'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25"	8.625"	401'	370 sxs		
7.875"	5.5"	6115'	1310 sxs		

V. Well Test Data

³¹ Date New Oil 1/11/2021	³² Gas Delivery Date 1/11/2021	³³ Test Date 1/20/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure 130	³⁶ Csg. Pressure 220
³⁷ Choke Size	³⁸ Oil 144	³⁹ Water 811	⁴⁰ Gas 256		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: 2/4/2021

Phone: 817-583-8730

OIL CONSERVATION DIVISION

Approved by: Kurt Simmons

Title: NMOCD, Santa Fe

Approval Date: 03/16/2021

Burnett Oil Company, Inc.

Eddy County, NM (NAD 27)

Sec 24-T17S-R30E

Jackson B 83 (NAD 27)

Wellbore #1

Survey: Survey #1

Standard Survey Report

11 December, 2020

Microsoft

Survey Report

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Site Sec 24-T17S-R30E
Project:	Eddy County, NM (NAD 27)	TVD Reference:	3721+17 @ 3738.0usft
Site:	Sec 24-T17S-R30E	MD Reference:	3721+17 @ 3738.0usft
Well:	Jackson B 83 (NAD 27)	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 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Sec 24-T17S-R30E		
Site Position:		Northing:	662,546.58 usft
From:	Map	Easting:	625,801.52 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 49' 14.729 N
		Longitude:	103° 55' 25.777 W
		Grid Convergence:	0.22 °

Well	Jackson B 83 (NAD 27)		
Well Position	+N/-S	0.0 usft	Northing: 662,546.58 usft
	+E/-W	0.0 usft	Easting: 625,801.52 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 49' 14.729 N
		Longitude:	103° 55' 25.777 W
		Ground Level:	3,721.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	12/11/20	6.79
			Dip Angle (°) 60.50
			Field Strength (nT) 47,891.35993155

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)
	0.0	0.0	0.0
			Direction (°) 29.59

Survey Program	Date	12/11/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
429.0	6,443.0	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
429.0	2.59	313.13	428.9	6.6	-7.1	2.3	0.60	0.60	0.00
1st MWD Survey									
616.0	3.08	337.04	615.6	14.1	-12.1	6.3	0.68	0.26	12.79
804.0	1.45	355.41	803.5	21.2	-14.3	11.4	0.94	-0.87	9.77
930.0	1.32	64.49	929.5	23.4	-13.1	13.9	1.25	-0.10	54.83
1,056.0	0.97	73.63	1,055.4	24.3	-10.8	15.8	0.31	-0.28	7.25
1,182.0	1.23	161.26	1,181.4	23.3	-9.3	15.7	1.22	0.21	69.55
1,307.0	1.32	162.49	1,306.4	20.7	-8.4	13.8	0.08	0.07	0.98
1,433.0	0.88	132.96	1,432.4	18.6	-7.3	12.6	0.56	-0.35	-23.44
1,559.0	1.01	105.62	1,558.3	17.7	-5.5	12.6	0.37	0.10	-21.70

Microsoft
Survey Report

Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Site Sec 24-T17S-R30E
Project:	Eddy County, NM (NAD 27)	TVD Reference:	3721+17 @ 3738.0usft
Site:	Sec 24-T17S-R30E	MD Reference:	3721+17 @ 3738.0usft
Well:	Jackson B 83 (NAD 27)	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)	
1,684.0	1.01	61.85	1,683.3	17.9	-3.5	13.8	0.60	0.00	-35.02	
1,810.0	0.70	70.29	1,809.3	18.7	-1.8	15.4	0.26	-0.25	6.70	
1,936.0	0.66	130.50	1,935.3	18.5	-0.5	15.8	0.54	-0.03	47.79	
2,062.0	0.84	164.33	2,061.3	17.1	0.3	15.0	0.37	0.14	26.85	
2,188.0	0.31	92.61	2,187.3	16.2	0.9	14.5	0.63	-0.42	-56.92	
2,312.0	0.40	58.16	2,311.3	16.4	1.6	15.1	0.18	0.07	-27.78	
2,438.0	0.40	254.77	2,437.3	16.5	1.5	15.1	0.63	0.00	-129.67	
2,626.0	0.92	103.07	2,625.3	16.0	2.4	15.1	0.68	0.28	-80.69	
2,752.0	0.84	126.72	2,751.3	15.2	4.1	15.3	0.29	-0.06	18.77	
2,878.0	0.79	240.36	2,877.3	14.3	4.1	14.4	1.08	-0.04	90.19	
3,003.0	0.70	240.27	3,002.2	13.5	2.7	13.0	0.07	-0.07	-0.07	
3,129.0	0.40	251.96	3,128.2	12.9	1.6	12.0	0.25	-0.24	9.28	
3,255.0	0.44	235.17	3,254.2	12.5	0.8	11.3	0.10	0.03	-13.33	
3,380.0	0.13	96.04	3,379.2	12.2	0.5	10.9	0.44	-0.25	-111.30	
3,506.0	0.22	76.53	3,505.2	12.3	0.9	11.1	0.08	0.07	-15.48	
3,632.0	0.35	82.24	3,631.2	12.4	1.5	11.5	0.11	0.10	4.53	
3,757.0	0.26	60.45	3,756.2	12.6	2.1	12.0	0.12	-0.07	-17.43	
3,883.0	0.35	43.84	3,882.2	13.0	2.7	12.6	0.10	0.07	-13.18	
4,009.0	0.22	70.11	4,008.2	13.4	3.1	13.2	0.14	-0.10	20.85	
4,133.0	0.26	60.18	4,132.2	13.6	3.6	13.6	0.05	0.03	-8.01	
4,259.0	0.40	54.12	4,258.2	14.0	4.2	14.2	0.11	0.11	-4.81	
4,385.0	0.70	51.57	4,384.2	14.7	5.2	15.4	0.24	0.24	-2.02	
4,510.0	0.75	126.63	4,509.2	14.7	6.4	16.0	0.71	0.04	60.05	
4,637.0	0.70	121.36	4,636.2	13.8	7.8	15.8	0.07	-0.04	-4.15	
4,826.0	0.18	143.94	4,825.2	13.0	8.9	15.7	0.28	-0.28	11.95	
4,951.0	0.13	138.85	4,950.2	12.7	9.1	15.5	0.04	-0.04	-4.07	
5,077.0	0.04	42.08	5,076.2	12.6	9.3	15.5	0.11	-0.07	-76.80	
5,204.0	0.35	220.14	5,203.2	12.4	9.0	15.2	0.31	0.24	140.20	
5,329.0	0.44	233.77	5,328.2	11.8	8.4	14.4	0.10	0.07	10.90	
5,455.0	0.26	315.95	5,454.2	11.7	7.8	14.0	0.38	-0.14	65.22	
5,581.0	1.19	10.96	5,580.2	13.2	7.9	15.4	0.84	0.74	43.66	
5,706.0	1.54	19.93	5,705.1	16.0	8.7	18.2	0.33	0.28	7.18	
5,832.0	1.14	19.31	5,831.1	18.8	9.7	21.1	0.32	-0.32	-0.49	
5,957.0	0.26	289.49	5,956.1	20.1	9.8	22.3	0.93	-0.70	-71.86	
6,145.0	0.04	108.96	6,144.1	20.2	9.5	22.3	0.16	-0.12	95.46	
6,334.0	1.63	51.92	6,333.1	21.8	11.7	24.7	0.85	0.84	-30.18	
6,378.0	2.11	36.98	6,377.0	22.9	12.6	26.1	1.55	1.09	-33.95	
Last MWD Survey 6378 MD/6377 TVD 22.9 N 12.6 E N: 662569.4 E: 625814.1										
6,443.0	2.11	36.98	6,442.0	24.8	14.1	28.5	0.00	0.00	0.00	
PTB 6443 MD/6442 TVD 24.8 N 14.1 E N: 662571.3 E: 625815.5										

Microsoft
Survey Report

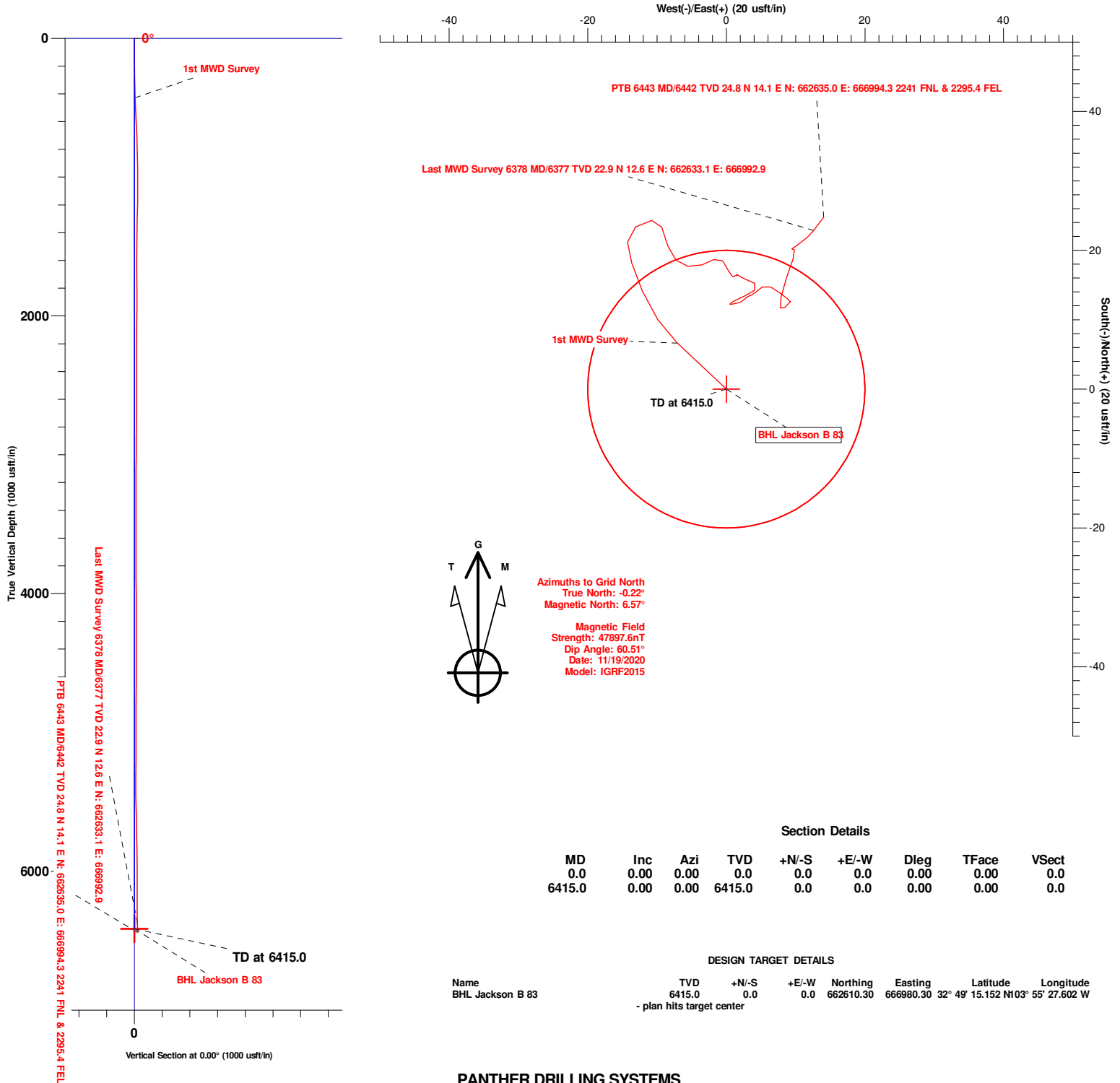
Company:	Burnett Oil Company, Inc.	Local Co-ordinate Reference:	Site Sec 24-T17S-R30E
Project:	Eddy County, NM (NAD 27)	TVD Reference:	3721+17 @ 3738.0usft
Site:	Sec 24-T17S-R30E	MD Reference:	3721+17 @ 3738.0usft
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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

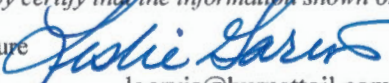
Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
429.0	428.9	6.6	-7.1	1st MWD Survey
6,378.0	6,377.0	22.9	12.6	Last MWD Survey 6378 MD/6377 TVD 22.9 N 12.6 E N: 662569.4 E: 625814.1
6,443.0	6,442.0	24.8	14.1	PTB 6443 MD/6442 TVD 24.8 N 14.1 E N: 662571.3 E: 625815.5

Checked By:	_____	Approved By:	_____	Date:	_____
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Burnett Oil Company, Inc.
Project: Eddy County, NM NAD 83
Site: Sec 24-T17S-R30E
Well: Jackson B 83
Wellbore: Wellbore #1
Plan: Plan #1 (Jackson B 83/Wellbore #1)

Jackson B 83
3721.0
RKB Elevation: 3721+17 @ 3738.0usft
North American Datum 1983
0.00 662610.30 666980.30 32° 49' 15.152 N 103° 55' 27.602 W



Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-015-47081		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 Jackson B 6. Well Number: 83																
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:	G	24	17S	30E		2310	North	2310	East	Eddy										
BH:	Same as SHL																			
13. Date Spudded 12/7/2020	14. Date T.D. Reached 12/9/2020	15. Date Rig Released 12/11/2020		16. Date Completed (Ready to Produce) 2/12/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3721'														
18. Total Measured Depth of Well 6443'		19. Plug Back Measured Depth 6372'		20. Was Directional Survey Made? N		21. Type Electric and Other Logs Run NDGR														
22. Producing Interval(s), of this completion - Top, Bottom, Name Glorieta: 4598-4734' Yeso Top: 4734 Bottom: Not Reached																				
23. CASING RECORD (Report all strings set in well)																				
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED										
16"		39		150'		20"														
8.625"		24		400'		12.25"		400 sxs												
5.5"		17		6379'		7.875"		1605 sxs												
24. LINER RECORD																				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD															
					SIZE	DEPTH SET	PACKER SET													
					2 875	5945	2633													
26. Perforation record (interval, size, and number) 5965-6237 - 0.42, 40, Open, 5548-5874' - 0.42, 40, Open, 5127-5414' - 0.42, 40 Open 4753-4980' - 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>5965-6237</td> <td>Fract 590,694 GALS SW+30,030 # OF 100 MESH+208,540# 40/70+37,520# 40/70 GARNETT</td> </tr> <tr> <td>5548-5874'</td> <td>Fract 573,384 GAL. SW+30,030 # OF 100 MESH+210,88# # OF 40/70+37,520 # OF 40/70 GARNETT</td> </tr> <tr> <td>5127-5414'</td> <td>Perf 559,818 SW+ 30,160# OF 100 MESH+211,600# 40/70+38,200# 40/70 GARNETT</td> </tr> <tr> <td>4753-4980'</td> <td>Perf 549,696 GAL S.W.+30,100# OF 100 MESH+211,760# OF 40/70+38,300# 40/70 GARNETT</td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5965-6237	Fract 590,694 GALS SW+30,030 # OF 100 MESH+208,540# 40/70+37,520# 40/70 GARNETT	5548-5874'	Fract 573,384 GAL. SW+30,030 # OF 100 MESH+210,88# # OF 40/70+37,520 # OF 40/70 GARNETT	5127-5414'	Perf 559,818 SW+ 30,160# OF 100 MESH+211,600# 40/70+38,200# 40/70 GARNETT	4753-4980'	Perf 549,696 GAL S.W.+30,100# OF 100 MESH+211,760# OF 40/70+38,300# 40/70 GARNETT
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																			
5965-6237	Fract 590,694 GALS SW+30,030 # OF 100 MESH+208,540# 40/70+37,520# 40/70 GARNETT																			
5548-5874'	Fract 573,384 GAL. SW+30,030 # OF 100 MESH+210,88# # OF 40/70+37,520 # OF 40/70 GARNETT																			
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4753-4980'	Perf 549,696 GAL S.W.+30,100# OF 100 MESH+211,760# OF 40/70+38,300# 40/70 GARNETT																			
28. PRODUCTION																				
Date First Production 2/12/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Electric Pumping Unit				Well Status (Prod. or Shut-in) Producing														
Date of Test 2/21/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 164	Gas - MCF 120	Water - Bbl. 1353	Gas - Oil Ratio													
Flow Tubing Press. 270	Casing Pressure 100	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 40														
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 3/5/2021													
E-mail Address lgarvis@burnettoil.com																				

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 19688

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
BURNETT OIL CO INC 801 Cherry Street Unit #9 Suite 1500 Fort Worth, TX76102	3080	19688	C-104C

OCD Reviewer	Condition
ksimmons	Provide a C-102 "as drilled" and all drilling and completion sundries as they become available from BLM.