

Santa Fe Main Office
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General Information
Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

Online Phone Directory Visit:
<https://www.emnrd.nm.gov/ocd/contact-us/>

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-45691	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Encore M State	
8. Well Number	024
9. OGRID Number	
10. Pool name or Wildcat	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3377	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	
2. Name of Operator Breitburn Operating LP	
3. Address of Operator 1000 Main Street Ste 2900 Houston, TX 77002	
4. Well Location Unit Letter K : 1356 feet from the South line and 2316 feet from the West line Section 20 22S Township 37E Range NMPM County	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Attempted to TA well in October 2024. CIBP set @ 5,482' above top perforation. Casing leak located within 13' of surface. CIBP set at 1,628'. Pressure observed on both surface and intermediate casing. Unable to address casing leak with surface operations. Transitioning to P&A. Action ID: 458277

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Nicole Lee TITLE Regulatory Lead DATE 4/28/2025

Type or print name Nicole Lee E-mail address: nicole.lee@mavresources.com PHONE: 713-437-8097
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____



ENCORE M STATE 024 Wellbore Diagram

Well Header						
API #	3002545691	State	NM	County	LEA	District
Division	FOUNDATION	Business Unit	PERMIAN	Region	RG_W_PERMIAN_NM	Area
					A_BLINEBRY_DRINKARD	Total Depth (ftKB)
						7,649.0

Wellbore Sections														
Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)	Start Date	End Date							
CONDUCTOR	24	15.0		80.0		4/1/2019	4/2/2019							
SURFACE	17 1/2	80.0		1,180.0		5/26/2019	5/27/2019							
INTERMEDIATE	12 1/4	1,180.0		4,508.0	4,507.6	5/30/2019	6/1/2019							
PRODUCTION	8 3/4	4,508.0	4,507.6	7,649.0		6/3/2019	6/5/2019							
Casing Strings														
Casing String: CONDUCTOR 24" Set Depth: 80.0														
Casing Description	Run Date	OD (in)	OD Nom Max (in)	ID (in)	ID Nom Min (in)	HW Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TVD) (ftKB)				
CONDUCTOR	4/1/2019 00:00	24	24					80.00	0.0					
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
CONDUCTOR PIPE	0	24				80.00		0.0	80.0					
Casing String: SURFACE 13 3/8" Set Depth: 1,175.0														
Casing Description	Run Date	OD (in)	OD Nom Max (in)	ID (in)	ID Nom Min (in)	HW Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TVD) (ftKB)				
SURFACE	5/28/2019 00:00	13 3/8	13 3/8			54.50	J-55	1,178.78	-3.8					
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
SHOE	1	13 3/8		54.50	J-55	1.81	1	-3.8	-2.0					
CASING JOINTS	1	13 3/8		54.50	J-55	42.11	1	-2.0	40.1					
FLOAT COLLAR	1	13 3/8		54.50	J-55	1.50	1	40.1	41.6					
CASING JOINTS	27	13 3/8		54.50	J-55	1,133.36	27	41.6	1,175.0					
Casing String: INTERMEDIATE 9 5/8" Set Depth: 4,498.0														
Casing Description	Run Date	OD (in)	OD Nom Max (in)	ID (in)	ID Nom Min (in)	HW Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TVD) (ftKB)				
INTERMEDIATE	6/2/2019 10:30	9 5/8	9 5/8			40.00	K-55	4,499.83	-1.8					
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
LANDING JOINT	1	9 5/8				23.18	1	-1.8	21.3					
CASING JOINTS	71	9 5/8		40.00	K-55	2,996.06	71	21.3	3,017.4		3,017.1			
DV TOOL	0	9 5/8				0.00	1	3,017.4	3,017.4	3,017.1	3,017.1			
CASING JOINTS	33	9 5/8		40.00	K-55	1,393.07	33	3,017.4	4,410.5	3,017.1	4,410.1			
FLOAT COLLAR	1	9 5/8				1.45	1	4,410.5	4,411.9	4,410.1	4,411.5			
CASING JOINTS	2	9 5/8		40.00	K-55	84.50	2	4,411.9	4,496.4	4,411.5	4,496.0			
SHOE	1	9 5/8				1.57	1	4,496.4	4,498.0	4,496.0	4,497.6			
Casing String: PRODUCTION 5 1/2" Set Depth: 7,630.0														
Casing Description	Run Date	OD (in)	OD Nom Max (in)	ID (in)	ID Nom Min (in)	HW Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TVD) (ftKB)				
PRODUCTION	6/7/2019 04:00	5 1/2	5 1/2	4.67		4.67	23.00	L80	7,633.46	-3.5				
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
CASING JOINTS	138	5 1/2	4.67	23.00	L80	6,201.35	138	-3.5	6,197.9		6,197.3			
DV TOOL	1	5 1/2				2.46	1	6,197.9	6,200.4	6,197.3	6,199.8			
CASING JOINTS	30	5 1/2	4.67	23.00	L80	1,344.79	30	6,200.4	7,545.1	6,199.8	7,544.6			
FLOAT COLLAR	1	5 1/2				1.33	1	7,545.1	7,546.5	7,544.6	7,545.9			
CASING JOINTS	2	5 1/2	4.67	23.00	L80	82.09	2	7,546.5	7,628.6	7,545.9				
SHOE	1	5 1/2				1.44	1	7,628.6	7,630.0					
Cement														
CONDUCTOR CEMENT														
Cementing Start Date	4/2/2019 06:00	Cementing End Date	4/3/2019 00:00	String	CONDUCTOR, 80.0ftKB									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)								
1	4/2/2019	4/3/2019	15.0	80.0										
SURFACE CASING CEMENT														
Cementing Start Date	5/28/2019 20:00	Cementing End Date	5/29/2019 00:30	String	SURFACE, 1,175.0ftKB									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)								
1	5/28/2019	5/29/2019	15.0	1,175.0										
INTERMEDIATE CASING CEMENT														
Cementing Start Date	6/2/2019 20:30	Cementing End Date	6/3/2019 00:00	String	INTERMEDIATE, 4,498.0ftKB									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)								
1	6/2/2019	6/3/2019	15.0	4,498.0		4,497.6								
2	6/3/2019	6/3/2019	15.0	3,014.0		3,013.7								
PRODUCTION CASING CEMENT														
Cementing Start Date	6/8/2019 18:15	Cementing End Date	6/9/2019 18:15	String	PRODUCTION, 7,630.0ftKB									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)								
1	6/8/2019	6/8/2019	6,197.0	7,630.0	6,196.4									
2	6/9/2019	6/9/2019	2,417.0	6,197.0	2,416.8	6,196.4								
Tubing Strings														
Set Depth: 7,120.2														
Run Job	String	String Max	OD Nom Max	ID (in)	ID Nom Min	WT (lb/ft)	String Grade	Top (ftKB)	Set Depth	String Components				
	PRODUCTION, 7,630.0ftKB	2 7/8	5 1/2	2.44	0.0	6.50	L-80	-46.0	7,119.6	GAS ANCHOR, ROD PUMP, STABILIZER, K-BAR, SHEAR TOOL, K-BAR, SUCKER ROD, SUCKER ROD, FIBERGLASS SUCKER ROD, POLISHED ROD, CONTINUOUS SUCKER ROD, DEPTH CORRECTION				
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Tally Jts Run	Tally Len (ft)	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
KB CORRECTION	15.00	0.0	0.00	0.00	0	0		-46.0	-31.0					
TUBING	7,104.05	2 7/8	2.44	6.50	L-80	0		-31.0	7,073.0		7,072.5			
SEATING NIPPLE	1.10	2 7/8	2.31	6.50	P-110	0		7,073.0	7,074.1	7,072.5	7,073.6			
ANCHOR/CATCHER	3.12	5 1/2	2.44	6.50	SPECIAL	0		7,074.1	7,077.3	7,073.6	7,076.7			
TUBING	32.74	2 7/8	2.44	6.50	L-80	0		7,077.3	7,110.0	7,076.7	7,109.4			
MAGNET	10.16	2 3/8	0.00	7.50	SPECIAL	0		7,110.0	7,120.2	7,109.4	7,119.6			
Rod Strings														
Set Depth: 7,119.1														
Rod Description	Set Depth	Run Date	Run Job	OD (in)	WT (lb/ft)	String Grade	Top (ftKB)	Set Depth	String Components					
ROD	7,119.1	5/14/2021		1 1/4	1.47	FIBERGLASS	-0.4	7,118.5						
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
15.00	0.0	1	0.00	0.00	0	-0.4	14.6							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
4.00	1	1	0.00	2.67	D	14.6	18.6							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
26.00	1 1/2	1	0.00	4.60	SPECIAL	18.6	44.6							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
3,037.50	1 1/4	81	0.00	1.47	FIBERGLASS	44.6	3,082.1							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
1,100.00	7/8	44	0.00	2.22	D	3,082.1	4,182.1							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
950.00	7/8	38	0.00	2.22	K	4,182.1	5,132.1							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
1,550.00	7/8	62	0.00	2.22	K	5,132.1	6,682.1							
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)							
375.00	1 1/2	15	0.00	4.30	SPECIAL	6,682.1	7,057.1							



ENCORE M STATE 024 Wellbore Diagram

Well Header						
API #	3002545691	State	NM	County	LEA	District
Division	FOUNDATION	Business Unit	PERMIAN	Region	RG_W_PERMIAN_NM	Area
A_BLINEBRY_DRINKARD						Total Depth (ftKB)
						7,649.0

Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)
1.00	7/8	1	0.00	4.20	SPECIAL	7,057.1	7,058.1
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)
25.00	1 1/2	1	0.00	4.30	SPECIAL	7,058.1	7,083.1
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)
1.00	1	1	0.00	2.90	SPECIAL	7,083.1	7,084.1
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)
21.00	1 3/4	1	0.00	5.10	SPECIAL	7,084.1	7,105.1
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)
14.00	1 1/4	1	1.38	1.14	SPECIAL	7,105.1	7,119.1

Perforations

Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)	Shot Dens (shots/ft)	Calculated Shot Total	Btm - Top (ft)

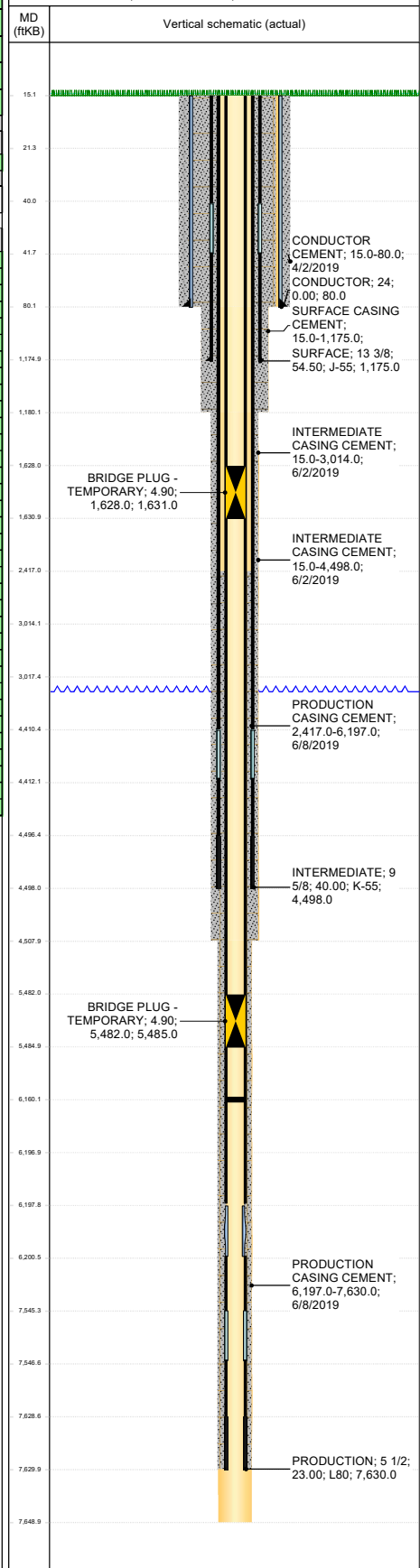
Deviation Surveys

Date	5/30/2019	Description	SURVEY	Job	INITIAL DRILL, 5/23/2019 06:00
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Survey Data

MD (ftKB)	Incl (°)	Asc (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)
1,255.00	0.50	139.00	MWD	1,254.98	0.39	5.48	-4.13	3.59	0.04	0.04	11.08	5.48
1,443.00	0.60	122.80	MWD	1,442.98	0.79	7.25	-5.29	4.96	0.10	0.05	-8.62	7.26
1,633.00	0.80	125.80	MWD	1,632.96	1.52	9.53	-6.60	6.87	0.11	0.11	1.58	9.58
1,822.00	0.70	127.30	MWD	1,821.95	2.23	11.98	-8.07	8.86	0.05	-0.05	0.79	12.06
2,012.00	1.10	100.90	MWD	2,011.92	3.77	14.73	-9.12	11.57	0.30	0.21	-13.89	14.97
2,201.00	1.20	95.90	MWD	2,200.88	6.44	18.12	-9.67	15.32	0.07	0.05	-2.65	18.76
2,390.00	1.50	92.00	MWD	2,389.83	9.81	22.13	-9.96	19.76	0.17	0.16	-2.06	23.21
2,579.00	1.80	87.60	MWD	2,578.75	14.18	27.08	-9.92	25.20	0.17	0.16	-2.33	28.64
2,768.00	1.50	84.70	MWD	2,767.67	18.73	32.09	-9.56	30.63	0.16	-0.16	-1.53	34.08
2,957.00	0.50	266.80	MWD	2,956.66	20.15	33.61	-9.38	32.27	1.06	-0.53	-94.13	35.73
3,146.00	0.50	250.40	MWD	3,145.65	18.68	32.17	-9.71	30.67	0.08	0.00	-8.68	37.37
3,335.00	0.90	248.10	MWD	3,334.64	16.46	30.40	-10.54	28.52	0.21	0.21	-1.22	39.68
3,525.00	0.80	239.00	MWD	3,524.62	13.70	28.54	-11.78	25.99	0.09	-0.05	-4.79	42.49
3,715.00	0.70	244.10	MWD	3,714.60	11.24	27.11	-12.97	23.81	0.06	-0.05	2.68	44.97
3,904.00	0.60	253.50	MWD	3,903.59	9.18	25.80	-13.75	21.83	0.08	-0.05	4.97	47.11
4,093.00	0.60	267.70	MWD	4,092.58	7.44	24.36	-14.07	19.89	0.08	0.00	7.51	49.07
4,282.00	0.20	243.90	MWD	4,281.57	6.30	23.44	-14.26	18.60	0.22	-0.21	-12.59	50.37
4,530.00	0.80	357.60	MWD	4,529.56	6.86	22.16	-12.72	18.14	0.36	0.24	45.85	51.98
4,720.00	0.80	6.10	MWD	4,719.55	8.51	20.83	-10.07	18.23	0.06	0.00	4.47	54.62
4,909.00	0.80	3.70	MWD	4,908.53	10.27	19.90	-7.44	18.45	0.02	0.00	-1.27	57.26
5,098.00	0.90	3.70	MWD	5,097.51	12.10	19.20	-4.65	18.63	0.05	0.05	0.00	60.06
5,287.00	0.80	14.90	MWD	5,286.49	14.11	19.16	-1.89	19.07	0.10	-0.05	5.93	62.85
5,476.00	0.80	16.30	MWD	5,475.47	16.20	19.79	0.65	19.78	0.01	0.00	0.74	65.49
5,666.00	0.60	20.50	MWD	5,665.45	18.10	20.70	2.86	20.50	0.11	-0.11	2.21	67.81
5,856.00	0.50	8.90	MWD	5,855.44	19.53	21.48	4.61	20.98	0.08	-0.05	-6.11	69.63
6,046.00	0.50	28.50	MWD	6,045.44	20.88	22.36	6.16	21.50	0.09	0.00	10.32	71.26
6,235.00	0.30	351.10	MWD	6,234.43	21.87	23.03	7.37	21.82	0.17	-0.11	-19.79	72.52
6,424.00	0.30	340.20	MWD	6,423.43	22.24	23.12	8.32	21.57	0.03	0.00	-5.77	73.50
6,613.00	0.10	357.70	MWD	6,612.43	22.48	23.20	8.95	21.40	0.11	-0.11	9.26	74.15
6,802.00	0.10	307.90	MWD	6,801.43	22.53	23.17	9.22	21.26	0.04	0.00	-26.35	74.45
6,992.00	0.10	264.30	MWD	6,991.43	22.35	22.94	9.30	20.97	0.04	0.00	-22.95	74.76
7,182.00	0.30	255.00	MWD	7,181.43	21.75	22.29	9.16	20.32	0.11	0.11	-4.89	75.42
7,370.00	0.30	163.30	MWD	7,369.43	21.12	21.74	8.56	19.99	0.23	0.00	-48.78	76.11
7,595.00	0.20	274.50	MWD	7,594.42	20.62	21.33	8.03	19.76	0.19	-0.04	49.42	76.69

VERTICAL, ORIGINAL HOLE, 4/27/2025 6:31:06 AM



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 458281

CONDITIONS

Operator: BREITBURN OPERATING LP 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 370080
	Action Number: 458281
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	5/7/2025