U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

05/30/2025

Well Name: CK 6 FEDERAL

Well Location: T24S / R26E / SEC 6 / SWSE / 32.2400736 / -104.3300109

County or Parish/State: EDDY / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM15295

Unit or CA Name:

Unit or CA Number:

US Well Number: 300153600000S1

Operator: BREITBURN OPERATING LP

Notice of Intent

Sundry ID: 2855111

Type of Submission: Notice of Intent

Type of Action: Temporary Abandonment

Date Sundry Submitted: 05/29/2025

Time Sundry Submitted: 07:29

Date proposed operation will begin: 05/29/2025

Procedure Description: BOLP is requesting approval of the attached amended TA plan. Our plan is to collect geological data overtime, to inform future development strategies. This will contribute to efficient resource recovery under the lease

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Sundry_Package_Report_20250326134204_20250529072942.pdf

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Unit or CA Number:

US Well Number: 300153600000S1

Operator: BREITBURN OPERATING LP

Conditions of Approval

Specialist Review

TA_COA_20250529210546.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: NICOLE LEE

Signed on: MAY 29, 2025 07:29 AM

Name: BREITBURN OPERATING LP

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON **State:** TX

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 05/29/2025

Signature: Jonathon Shepard

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWSE / 450 FSL / 1875 FEL / TWSP: 24S / RANGE: 26E / SECTION: 6 / LAT: 32.2400736 / LONG: -104.3300109 (TVD: 0 feet, MD: 0 feet)

BHL: SWSE / 700 FSL / 1800 FEL / TWSP: 24S / RANGE: 26E / SECTION: 6 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

MAVERICK
NATURAL RESOURCES

1111 Bagby Street • Suite 1600
Houston • Texas • 77002
713-437-8000

CK 6 FEDERAL 1
TA Procedure

1. MIRU WOR & equipment.
2. Kill well if necessary.
3. ND WH. NU BOP's.
4. Release packer and POOH with 2 3/8" tubing.
5. MIRU wireline unit. Set CIBP within 50' of top perforation at 11,500'.
6. Dump bail 35' of cement on top of plug. RDMO wireline unit.
7. TIH with tubing to tag top of cement.
8. POOH with tubing. Scan tubing out of hole and note condition of tubing.
9. Perform pressure test to verify integrity.
10. RDMO WOR & equipment.

State: New Mexico
County: Lea
Spud Date: 2/18/2008

Maverick Permian LLC
Well: CK 6 FEDERAL 1
API# 30-015-36000

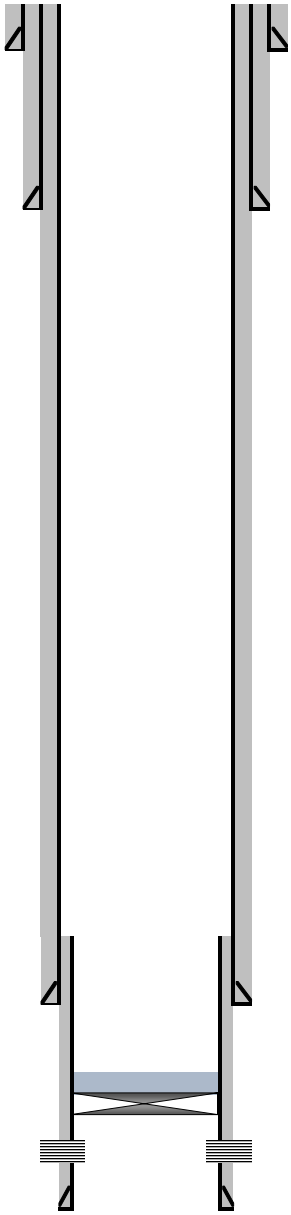
PROPOSED WBD
3/4/2025

Surface Casing:
13-3/8" 48# H-40
Cmt w/ 750 sx to Surf

Intermediate Casing:
9 5/8" 40# J-55
Cmt w/ 1250 sx to Surf

Intermediate Casing:
7" 26# HCP-110
Cmt w/ 1020 sx to Surf

Liner:
4 1/2" 11.6# HCP-110
Cmt w/ 270 sx



MD	
458'	
2,035'	
9,838'	
10,218'	
12,350'	

MD	
11,465'	Dump bail 35' cement
11,500'	Set CIBP @ 11,500'

Morrow Perforations
11,550' - 11,819'

MAVERICK NATURAL RESOURCES

CK "6" FEDERAL 1

Wellbore Diagram

Well Header

API #	State	County	District
3001536000	NM	EDDY	02 - ARTESIA

Division	Business Unit	Region	Area	Total Depth (ftKB)
FOUNDATION	PERMIAN	RG_W_PERMIAN_NM	A_NEW_MEXICO	12,350.0

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	30.0		130.0	130.0	2/9/2008	2/9/2008
SURFACE	17 1/2	130.0	130.0	458.0	457.9	2/18/2008	2/19/2008
INTERMEDIATE	12 1/4	458.0	457.9	2,035.0	2,034.4	2/21/2008	2/23/2008
INTERMEDIATE 2	8 3/4	2,035.0	2,034.4	10,218.0	10,104.1	2/25/2008	3/27/2008
PRODUCTION	6 1/8	10,218.0	10,104.1	12,350.0		3/27/2008	4/15/2008

Casing Strings

Casing String: CONDUCTOR 20" Set Depth: 130.0

Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min (in)	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TV
CONDUCTOR	2/10/2008 06:00	20	20	19.12	19.124	94.00	H-40	99.99	30.0	130.0

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)
Casing Joints	3	20	19.124	94.00	H-40	99.99	3	30.0	130.0		130.0

Casing String: SURFACE 13 3/8" Set Depth: 458.0

Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min (in)	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TV
SURFACE	2/19/2008 23:00	13 3/8	13 3/8	12.72	12.715	48.00	H-40	427.96	30.0	457.9

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	10	13 3/8	12.715	48.00	H-40	383.90	10	30.0	413.9		413.9
Float Collar	1	13 3/8	12.715	48.00	H-40	1.34	1	413.9	415.3	413.9	415.2
Casing Joints	1	13 3/8	12.715	48.00	H-40	42.12	1	415.3	457.4	415.2	457.3
TEXAS PATTERN SHOE	1	13 3/8	12.715	48.00	H-40	0.60	1	457.4	458.0	457.3	457.9

Casing String: INTERMEDIATE 9 5/8" Set Depth: 2,035.0

Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min (in)	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TV
INTERMEDIATE	2/24/2008 01:00	9 5/8	9 5/8	8.83	8.835	40.00	J-55	2,005.00	30.0	2,034.4

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	13	9 5/8	8.835	40.00	J-55	510.17	13	30.0	540.2		540.1
External Casing Packer/DV TOOL	1	9 5/8	8.835	40.00	J-55	17.30	1	540.2	557.5	540.1	557.4
Casing Joints	34	9 5/8	8.835	40.00	J-55	1,433.44	34	557.5	1,990.9	557.4	1,990.3
Float Collar	1	9 5/8	8.835	40.00	J-55	1.30	1	1,990.9	1,992.2	1,990.3	1,991.6
Casing Joints	1	9 5/8	8.835	40.00	J-55	41.29	1	1,992.2	2,033.5	1,991.6	2,032.9
Float Shoe	1	9 5/8	8.835	40.00	J-55	1.50	1	2,033.5	2,035.0	2,032.9	2,034.4

Casing String: INTERMEDIATE 7" Set Depth: 10,218.0

Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min (in)	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TV
INTERMEDIATE	3/29/2008 15:00	7	7	6.28	6.276	26.00	HCP-110	10,187.85	30.2	10,104.1

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	0	7	6.276	26.00	HCP-110	5,989.98	135	30.2	6,020.1		6,018.6
Stage Tool	0	7	6.276			2.20	1	6,020.1	6,022.3	6,018.6	6,020.8
External Casing Packer	0	7	6.276			17.60	1	6,022.3	6,039.9	6,020.8	6,038.4
Casing Joints	0	7	6.276	26.00	HCP-110	4,085.71	94	6,039.9	10,125.6	6,038.4	10,011.8
Float Collar	0	7	6.276			1.30	1	10,125.6	10,126.9	10,011.8	10,013.1
Casing Joints	0	7	6.276	26.00	HCP-110	88.91	2	10,126.9	10,215.9	10,013.1	10,102.0
Float Shoe SHARK	0	7	6.276			2.15	1	10,215.9	10,218.0	10,102.0	10,104.1

Casing String: LINER 4 1/2" Set Depth: 12,350.0

Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min (in)	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (TV
LINER	4/19/2008 02:00	4 1/2	4 1/2	4.00	4	11.60	HCP-110	2,519.05	9,831.0	

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)
Liner Setting Tool	1	4 1/2	4	11.60	hcp-110	9.06	1	9,831.0	9,840.0	9,717.2	9,726.3
ZXP Packer	1	4 1/2	4	11.60	HCP-110	18.78	1	9,840.0	9,858.8	9,726.3	9,745.0
CMC Liner Hanger	1	4 1/2	4	11.60	HCP-110	4.27	1	9,858.8	9,863.1	9,745.0	9,749.3
Cross Over	1	4 1/2	4	11.60	HCP-110	5.45	1	9,863.1	9,868.5	9,749.3	9,754.7
Casing Joints	55	4 1/2	4	11.60	HCP-110	2,389.75	55	9,868.5	12,258.3	9,754.7	
Landing Collar	1	4 1/2	4	11.60	HCP-110	1.02	1	12,258.3	12,259.3		
Float Collar	1	4 1/2	4	11.60	HCP-110	1.52	1	12,259.3	12,260.8		
Casing Joints	2	4 1/2	4	11.60	HCP-110	87.86	2	12,260.8	12,348.7		
Float Shoe	1	4 1/2	4	11.60	HCP-110	1.34	1	12,348.7	12,350.0		

Cement

CONDUCTOR CEMENT

Cementing Start Date	Cementing End Date	String
		CONDUCTOR, 130.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
			30.0	130.0		130.0

LINER CEMENT

Cementing Start Date	Cementing End Date	String
		LINER, 12,350.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	4/19/2008	4/19/2008	9,838.0	12,349.0	9,724.2	

SURFACE CASING CEMENT

Cementing Start Date	Cementing End Date	String
2/20/2008 04:00	2/20/2008 05:00	SURFACE, 458.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	2/20/2008	2/20/2008	30.0	30.0		
2	2/20/2008	2/20/2008	30.0	30.0		
3	2/20/2008	2/20/2008	30.0	30.0		
4	2/20/2008	2/20/2008	30.0	458.0		457.9
5	2/20/2008	2/20/2008				

INTERMEDIATE CASING CEMENT

Cementing Start Date	Cementing End Date	String
2/24/2008 01:17	2/24/2008 18:15	INTERMEDIATE, 2,035.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	2/24/2008	2/24/2008	540.0	2,035.0	539.9	2,034.4
2	2/24/2008	2/24/2008	513.0	540.0	512.9	539.9
3	2/24/2008	2/24/2008	413.0	513.0	413.0	512.9
4	2/24/2008	2/24/2008	30.0	413.0		413.0

INTERMEDIATE CASING CEMENT

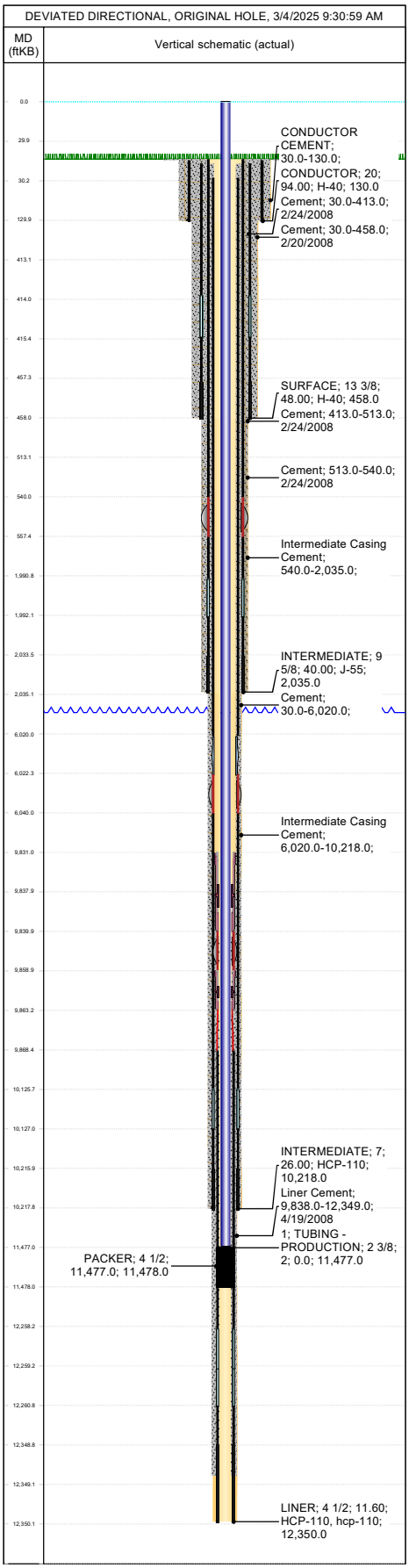
Cementing Start Date	Cementing End Date	String
3/29/2008 16:00		INTERMEDIATE, 10,218.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	3/29/2008	3/29/2008	6,020.0	10,218.0	6,018.5	10,104.1
2	3/29/2008	3/29/2008	30.0	6,020.0		6,018.5

Tubing Strings

Set Depth: 11,477.0

Run Job	String	String Max No	OD Nom Max	ID (in)	ID Nom Min	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth (T	Len (ft)
INITIAL COMPLETION, 4/24/2008 08:00		2 3/8	2 3/8	2.00	2	4.60	J-55	0.0	11,361.1	11,477.0



MAVERICK NATURAL RESOURCES

CK "6" FEDERAL 1

Wellbore Diagram

Well Header				
API #	State	County	District	
3001536000	NM	EDDY	02 - ARTESIA	
Division	Business Unit	Region	Area	Total Depth (ftKB)
FOUNDATION	PERMIAN	RG_W_PERMIAN_NM	A_NEW_MEXICO	12,350.0

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)
TUBING	11,477.00	2 3/8	2.00	4.60	J-55	0		0.0	11,477.0		11,361.1

Rod Strings

Set Depth: <Set Depth?>

Rod Description	Set Depth	Run Date	Run Job	OD (in)	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth	Set Depth	String Components

Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)

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	Description	Job
2/18/2008	Inc.	INITIAL DRILL, 2/11/2008 06:00

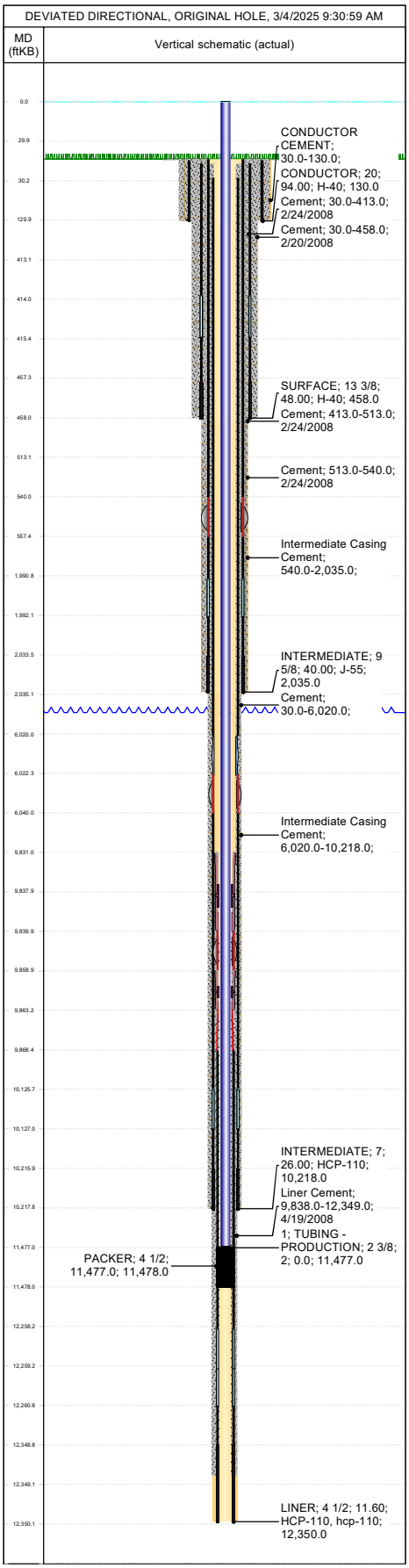
Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)
211.00	0.00		Incl									
704.00	1.00		Incl									
945.00	2.15		Incl									
1,040.00	1.32		Incl									
1,167.00	0.98		Incl									
1,516.00	2.19		Incl									
1,641.00	0.90		Incl									
1,800.00	0.81		Incl									
2,023.00	1.67		Incl									
2,247.00	1.70		Incl									
2,501.00	1.30		Incl									
2,756.00	1.31		Incl									
3,011.00	1.16		Incl									
3,263.00	1.70		Incl									
3,517.00	1.26		Incl									
3,739.00	0.80		Incl									
3,994.00	1.28		Incl									
4,248.00	0.90		Incl									
4,501.00	0.91		Incl									
4,756.00	0.95		Incl									
5,011.00	1.18		Incl									
5,265.00	0.47		Incl									
5,520.00	0.29		Incl									
5,772.00	0.74		Incl									
6,025.00	0.88		Incl									
6,280.00	1.08		Incl									
6,535.00	0.44		Incl									
6,757.00	0.37		Incl									

Date	Description	Job
3/10/2008	GYRO'S	INITIAL DRILL, 2/11/2008 06:00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)
100.00	0.42	177.97		100.00	-0.36	0.37	-0.37	0.01	0.42	0.42	177.97	0.37
200.00	0.56	225.17		200.00	-1.12	1.12	-1.08	-0.32	0.41	0.14	47.20	1.15
300.00	0.92	216.95		299.99	-2.24	2.36	-2.06	-1.15	0.37	0.36	-8.22	2.44
400.00	1.59	238.01		399.96	-3.91	4.44	-3.44	-2.81	0.80	0.67	21.06	4.60
500.00	1.58	241.46		499.93	-5.73	7.10	-4.83	-5.20	0.10	-0.01	3.45	7.36
600.00	1.42	224.88		599.89	-7.64	9.68	-6.37	-7.28	0.46	-0.16	-16.58	9.95
700.00	1.42	226.81		699.86	-9.67	12.15	-8.10	-9.06	0.05	0.00	1.93	12.43
800.00	1.28	217.88		799.83	-11.67	14.49	-9.83	-10.65	0.25	-0.14	-8.93	14.78
900.00	2.07	190.42		899.79	-14.47	17.08	-12.48	-11.66	1.10	0.79	-27.46	17.62
1,000.00	1.92	187.24		999.73	-17.95	20.06	-15.92	-12.20	0.19	-0.15	-3.18	21.10
1,100.00	1.42	184.71		1,099.69	-20.85	22.60	-18.82	-12.51	0.51	-0.50	-2.53	24.02
1,200.00	1.18	172.49		1,199.66	-23.06	24.49	-21.07	-12.48	0.37	-0.24	-12.22	26.27
1,300.00	1.38	152.86		1,299.64	-24.98	26.00	-23.17	-11.80	0.48	0.20	-19.63	28.47
1,400.00	1.36	177.90		1,399.61	-27.09	27.78	-25.42	-11.20	0.59	-0.02	25.04	30.81
1,500.00	2.28	187.41		1,499.56	-30.23	30.78	-28.58	-11.42	0.97	0.92	9.51	33.97
1,600.00	1.82	183.78		1,599.49	-33.79	34.23	-32.14	-11.78	0.48	-0.46	-3.63	37.55
1,700.00	0.20	216.76		1,699.48	-35.52	35.92	-33.86	-11.99	1.66	-1.62	32.98	39.29
1,800.00	0.91	69.14		1,799.47	-35.26	35.58	-33.72	-11.35	1.08	0.71	-147.62	39.94
1,900.00	1.62	55.51		1,899.45	-33.84	33.98	-32.64	-9.44	0.77	0.71	-13.63	42.13
2,000.00	1.76	62.49		1,999.40	-31.87	31.89	-31.13	-6.91	0.25	0.14	6.98	45.08
2,100.00	1.69	65.47		2,099.36	-30.06	30.10	-29.81	-4.21	0.11	-0.07	2.98	48.08
2,200.00	1.66	57.20		2,199.32	-28.21	28.46	-28.41	-1.65	0.24	-0.03	-8.27	51.00
2,300.00	1.70	67.30		2,299.27	-26.38	27.07	-27.05	0.93	0.30	0.04	10.10	53.92
2,400.00	1.62	61.86		2,399.23	-24.67	26.06	-25.81	3.55	0.18	-0.08	-5.44	56.81
2,500.00	1.77	63.50		2,499.19	-22.84	25.23	-24.46	6.18	0.16	0.15	1.64	59.77
2,600.00	1.93	61.11		2,599.14	-20.82	24.67	-22.96	9.03	0.18	0.16	-2.39	63.00
2,700.00	1.75	64.22		2,699.08	-18.83	24.55	-21.48	11.88	0.21	-0.18	3.11	66.21
2,800.00	1.68	61.17		2,799.04	-16.98	24.81	-20.11	14.54	0.12	-0.07	-3.05	69.20
2,900.00	1.52	60.17		2,899.00	-15.18	25.29	-18.74	16.98	0.16	-0.16	-1.00	71.99
3,000.00	1.61	55.45		2,998.96	-13.31	25.90	-17.28	19.28	0.16	0.09	-4.72	74.72
3,100.00	1.52	52.92		3,098.93	-11.32	26.61	-15.69	21.50	0.11	-0.09	-2.53	77.45
3,200.00	1.47	49.71		3,198.89	-9.34	27.42	-14.06	23.54	0.10	-0.05	-3.21	80.06
3,300.00	1.37	44.71		3,298.86	-7.34	28.22	-12.38	25.36	0.16	-0.10	-5.00	82.54
3,400.00	1.18	50.94		3,398.84	-5.56	29.11	-10.88	27.00	0.23	-0.19	6.23	84.76
3,500.00	1.17	40.81		3,498.82	-3.89	29.99	-9.46	28.46	0.21	-0.01	-10.13	86.80
3,600.00	1.34	49.79		3,598.79	-2.09	31.05	-7.93	30.02	0.26	0.17	8.98	88.98
3,700.00	1.35	43.35		3,698.76	-0.18	32.35	-6.32	31.72	0.15	0.01	-6.44	91.33
3,800.00	1.53	35.70		3,798.73	2.02	33.60	-4.38	33.31	0.26	0.18	-7.65	93.83
3,900.00	1.22	31.52		3,898.70	4.23	34.73	-2.39	34.65	0.33	-0.31	-4.18	96.23
4,000.00	1.28	37.76		3,998.68	6.22	35.89	-0.60	35.89	0.15	0.06	6.24	98.41
4,100.00	1.28	33.44		4,098.65	8.25	37.21	1.22	37.19	0.10	0.00	-4.32	100.64
4,200.00	1.12	23.83		4,198.63	10.24	38.32	3.04	38.20	0.26	-0.16	-9.61	102.73
4,300.00	1.13	25.36		4,298.61	12.15	39.31	4.83	39.02	0.03	0.01	1.53	104.69
4,400.00	0.89	32.88		4,398.60	13.82	40.37	6.37	39.86	0.27	-0.24	7.52	106.45
4,500.00	0.89	32.85		4,498.59	15.26	41.42	7.68	40.70	0.00	0.00	-0.03	108.01
4,600.00	0.84	31.56		4,598.57	16.67	42.46	8.95	41.51	0.05	-0.05	-1.29	109.52
4,700.00	0.77	15.35		4,698.56	18.03	43.29	10.23	42.07	0.24	-0.07	-16.21	110.91



MAVERICK NATURAL RESOURCES

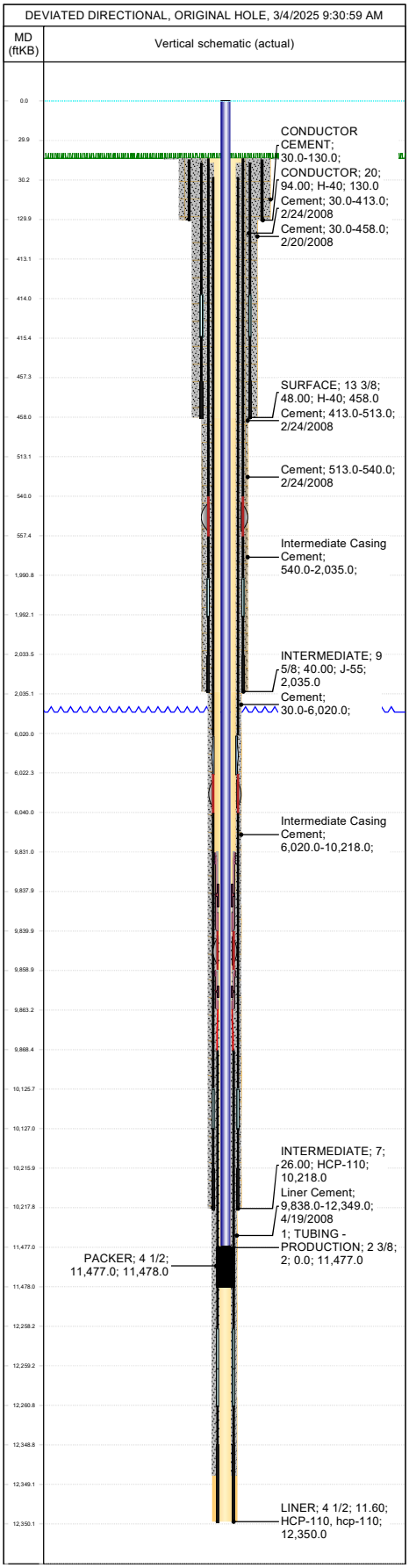
CK "6" FEDERAL 1

Wellbore Diagram

Well Header				
API #	State	County	District	
3001536000	NM	EDDY	02 - ARTESIA	
Division	Business Unit	Region	Area	Total Depth (ftKB)
FOUNDATION	PERMIAN	RG_W_PERMIAN_NM	A_NEW_MEXICO	12,350.0

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)
4,800.00	0.69	33.88		4,798.56	19.25	44.08	11.37	42.58	0.25	-0.08	18.53	112.16
4,900.00	0.64	13.52		4,898.55	20.36	44.80	12.42	43.05	0.24	-0.05	-20.36	113.31
5,000.00	0.68	32.56		4,998.54	21.47	45.53	13.46	43.50	0.22	0.04	19.04	114.44
5,100.00	0.48	45.36		5,098.54	22.37	46.36	14.25	44.12	0.24	-0.20	12.80	115.45
5,200.00	0.69	33.75		5,198.53	23.27	47.21	15.05	44.75	0.24	0.21	-11.61	116.46
5,300.00	0.68	42.36		5,298.53	24.33	48.21	15.99	45.48	0.10	-0.01	8.61	117.66
5,400.00	0.58	36.88		5,398.52	25.29	49.16	16.83	46.19	0.12	-0.10	-5.48	118.75
5,500.00	0.57	61.10		5,498.51	26.07	50.07	17.48	46.93	0.24	-0.01	24.22	119.74
5,600.00	0.76	88.69		5,598.51	26.52	51.19	17.73	48.02	0.37	0.19	27.59	120.86
5,700.00	0.43	60.77		5,698.50	26.91	52.19	17.93	49.01	0.43	-0.33	-27.92	121.87
5,800.00	0.33	135.60		5,798.50	26.99	52.68	17.91	49.54	0.47	-0.10	74.83	122.40
5,900.00	0.53	167.81		5,898.50	26.40	52.74	17.25	49.84	0.31	0.20	32.21	123.13
6,000.00	0.53	190.84		5,998.49	25.51	52.46	16.34	49.85	0.21	0.00	23.03	124.03
6,100.00	0.57	158.78		6,098.49	24.63	52.27	15.43	49.95	0.31	0.04	-32.06	124.95
6,200.00	0.51	168.64		6,198.49	23.79	52.27	14.53	50.21	0.11	-0.06	9.86	125.89
6,300.00	0.53	161.80		6,298.48	22.98	52.26	13.65	50.45	0.07	0.02	-6.84	126.80
6,400.00	0.32	180.59		6,398.48	22.30	52.21	12.93	50.59	0.25	-0.21	18.79	127.53
6,500.00	0.22	135.47		6,498.48	21.91	52.24	12.52	50.72	0.23	-0.10	-45.12	127.97
6,600.00	0.14	24.40		6,598.48	21.92	52.41	12.49	50.90	0.30	-0.08	-111.07	128.16
6,700.00	0.27	61.21		6,698.48	22.19	52.72	12.72	51.16	0.18	0.13	36.81	128.50
6,800.00	0.23	3.11		6,798.48	22.54	53.01	13.03	51.38	0.25	-0.04	-58.10	128.88
6,900.00	0.32	329.63		6,898.48	22.95	52.99	13.47	51.25	0.18	0.09	-33.48	129.34
6,977.00	0.29	298.86		6,975.47	23.17	52.79	13.75	50.97	0.21	-0.04	-39.96	129.73
7,015.00	1.40	15.00	MWD	7,013.47	23.67	52.96	14.25	51.01	3.58	2.92	200.37	130.23
7,046.00	2.60	12.90	MWD	7,044.45	24.75	53.49	15.30	51.26	3.88	3.87	-6.77	131.31
7,078.00	4.00	16.00	MWD	7,076.40	26.58	54.48	17.08	51.73	4.41	4.37	9.69	133.15
7,110.00	4.90	17.10	MWD	7,108.30	29.05	55.93	19.46	52.44	2.83	2.81	3.44	135.64
7,141.00	5.50	14.90	MWD	7,139.17	31.85	57.64	22.16	53.21	2.04	1.94	-7.10	138.45
7,173.00	6.60	13.50	MWD	7,170.99	35.22	59.72	25.43	54.03	3.47	3.44	-4.38	141.82
7,205.00	7.30	14.90	MWD	7,202.76	39.09	62.25	29.18	54.99	2.25	2.19	4.37	145.69
7,236.00	7.90	16.40	MWD	7,233.49	43.17	65.15	33.13	56.09	2.04	1.94	4.84	149.79
7,268.00	8.90	16.70	MWD	7,265.14	47.82	68.65	37.61	57.43	3.13	3.12	0.94	154.46
7,300.00	9.60	17.60	MWD	7,296.73	52.94	72.68	42.52	58.95	2.23	2.19	2.81	159.61
7,332.00	10.30	19.90	MWD	7,328.24	58.41	77.25	47.76	60.73	2.52	2.19	7.19	165.14
7,364.00	11.60	20.00	MWD	7,359.66	64.42	82.48	53.47	62.80	4.06	4.06	0.31	171.21
7,396.00	13.20	18.00	MWD	7,390.91	71.22	88.46	59.97	65.03	5.18	5.00	-6.25	178.08
7,427.00	14.00	16.40	MWD	7,421.04	78.46	94.83	66.93	67.18	2.85	2.58	-5.16	185.37
7,459.00	15.10	15.70	MWD	7,452.02	86.47	101.93	74.66	69.40	3.48	3.44	-2.19	193.41
7,491.00	16.70	14.30	MWD	7,482.79	95.22	109.75	83.13	71.67	5.14	5.00	-4.37	202.18
7,523.00	18.80	14.10	MWD	7,513.27	104.96	118.56	92.58	74.06	6.57	6.56	-0.62	211.93
7,555.00	19.80	14.60	MWD	7,543.47	115.51	128.27	102.83	76.68	3.17	3.13	1.56	222.51
7,587.00	20.00	12.70	MWD	7,573.56	126.39	138.36	113.41	79.25	2.12	0.62	-5.94	233.40
7,618.00	20.60	15.80	MWD	7,602.63	137.12	148.47	123.83	81.90	3.97	1.94	10.00	244.15
7,650.00	22.20	19.00	MWD	7,632.43	148.72	159.72	134.97	85.40	6.19	5.00	10.00	255.82
7,682.00	23.80	18.50	MWD	7,661.88	161.11	171.89	146.81	89.42	5.04	5.00	-1.56	268.33
7,714.00	25.50	16.30	MWD	7,690.97	174.37	184.87	159.54	93.40	6.04	5.31	-6.87	281.67
7,745.00	27.00	14.50	MWD	7,718.77	188.04	198.15	172.76	97.04	5.48	4.84	-5.81	295.38
7,777.00	26.80	14.50	MWD	7,747.31	202.49	212.18	186.78	100.66	0.62	-0.62	0.00	309.86
7,809.00	25.20	14.40	MWD	7,776.07	216.49	225.82	200.36	104.16	5.00	-5.00	-0.31	323.88
7,841.00	26.20	13.90	MWD	7,804.90	230.34	239.34	213.82	107.55	3.20	3.13	-1.56	337.76
7,873.00	28.20	12.70	MWD	7,833.36	244.96	253.59	228.05	110.91	6.48	6.25	-3.75	352.39
7,905.00	28.60	13.10	MWD	7,861.51	260.17	268.44	242.89	114.31	1.38	1.25	1.25	367.61
7,936.00	27.70	15.30	MWD	7,888.84	274.77	282.81	257.06	117.89	4.43	-2.90	7.10	382.23
7,967.00	26.70	15.30	MWD	7,916.41	288.89	296.80	270.73	121.63	3.23	-3.23	0.00	396.40
7,999.00	27.20	16.50	MWD	7,944.94	303.34	311.16	284.68	125.61	2.31	1.56	3.75	410.90
8,031.00	28.50	16.80	MWD	7,973.23	318.22	325.99	299.00	129.89	4.09	4.06	0.94	425.85
8,063.00	29.70	17.00	MWD	8,001.19	333.70	341.46	313.89	134.42	3.76	3.75	0.62	441.41
8,095.00	29.00	17.30	MWD	8,029.09	349.29	357.06	328.88	139.04	2.24	-2.19	0.94	457.10
8,126.00	28.20	17.00	MWD	8,056.30	364.04	371.83	343.06	143.42	2.62	-2.58	-0.97	471.94
8,158.00	26.90	17.30	MWD	8,084.67	378.75	386.56	357.20	147.78	4.09	-4.06	0.94	486.74
8,190.00	25.00	16.22	MWD	8,113.45	392.68	400.50	370.60	151.82	6.12	-5.94	-3.37	500.74
8,222.00	23.90	16.90	MWD	8,142.58	405.86	413.68	383.30	155.60	3.55	-3.44	2.12	513.98
8,254.00	24.30	16.40	MWD	8,171.79	418.86	426.69	395.82	159.34	1.40	1.25	-1.56	527.05
8,285.00	24.90	16.70	MWD	8,199.97	431.71	439.54	408.19	163.02	1.98	1.94	0.97	539.95
8,317.00	24.80	18.60	MWD	8,229.01	445.06	452.95	421.00	167.09	2.51	-0.31	5.94	553.40
8,349.00	24.20	18.80	MWD	8,258.13	458.21	466.20	433.57	171.35	1.89	-1.88	0.63	566.67
8,381.00	22.70	19.30	MWD	8,287.49	470.82	478.92	445.61	175.50	4.73	-4.69	1.56	579.40
8,413.00	22.00	19.20	MWD	8,317.08	482.86	491.08	457.10	179.51	2.19	-2.19	-0.31	591.57
8,445.00	21.60	19.60	MWD	8,346.79	494.61	502.96	468.31	183.46	1.33	-1.25	1.25	603.45
8,477.00	20.80	17.50	MWD	8,376.63	506.08	514.52	479.27	187.14	3.45	-2.50	-6.56	615.02
8,508.00	20.20	15.60	MWD	8,405.66	516.88	525.33	489.68	190.24	2.89	-1.94	-6.13	625.88
8,540.00	19.20	16.30	MWD	8,435.79	527.63	536.08	500.05	193.20	3.21	-3.13	2.19	636.67
8,572.00	17.70	17.60	MWD	8,466.15	537.70	546.17	509.74	196.15	4.86	-4.69	4.06	646.79
8,604.00	16.70	17.40	MWD	8,496.71	547.10	555.62	518.76	198.99	3.13	-3.12	-0.62	656.26
8,636.00	15.70	16.60	MWD	8,527.44	555.98	564.53	527.30	201.61	3.20	-3.12	-2.50	665.18
8,668.00	14.70	15.90	MWD	8,558.32	564.33	572.89	535.35	203.96	3.18	-3.13	-2.19	673.57
8,699.00	13.90	13.60	MWD	8,588.36	571.97	580.50	542.76	205.91	3.16	-2.58	-7.42	681.23
8,731.00	12.40	10.60	MWD	8,619.52	579.24	587.70	549.87	207.45	5.15	-4.69	-9.38	688.51
8,762.00	11.00	8.40	MWD	8,649.88	585.53	593.87	556.07	208.49	4.74	-4.52	-7.10	694.79
8,826.00	8.10	2.60	MWD	8,712.99	596.09	604.13	566.61	209.59	4.77	-4.53	-9.06	705.39
8,858.00	6.60	2.00	MWD	8,744.72	600.14	608.03	570.70	209.75	4.69	0.00	0.00	709.49
8,858.00	6.60	2.00	MWD	8,744.72	600.14	608.03	570.70	209.75	4.69	-4.69	-1.87	709.49
8,890.00	5.00	1.80	MWD	8,776.56	603.33	611.10	573.94	209.86	5.00	-5.00	-0.62	712.72
8,921.00	3.80	355.40	MWD	8,807.47	605.66	613.32	576.31	209.82	4.18	-3.87	-20.65	715.10
8,953.00	2.70	337.20	MWD	8,839.41	607.30	614.83	578.06	209.44	4.67	-3.44	-56.87	716.89
8,985.00	1.90	306.00	MWD	8,871.39	608.16	615.54	579.07	208.72	4.55	-2.50	-97.50	718.13
9,017.00	1.30	264.30	MWD	8,903.38	608.28	615.53	579.34	207.93	3.97	-1.87	-130.31	718.96
9,048.00	1.40	232.60	MWD	8,934.37	607.89	615.06	579.08	207.28	2.40	0.32	-102.26	719.67
9,112.00	0.20	134.10	MWD	8,998.36	607.25	614.36	578.53	206.74	2.25	-1.87	-153.91	720.44
9,176.00	0.20	235.80	MWD	9,062.36	607.11	614.22	578.39	206.73	0.48	0.00	158.91	720.58
9,239.00	0.60	235.40	MWD	9,125.36	606.79	613.86	578.14	206.37	0.63	0.63	-0.63	721.02
9,303.00	0.80	179.00	MWD	9,189.36	606.12	613.17	577.50	206.10	1.07	0.31	-88.12	721.71
9,366.00	0.90	195.70	MWD	9,252.35	605.19	612.27	576.58	205.97	0.42	0.16	26.51	722.64



MAVERICK NATURAL RESOURCES

CK "6" FEDERAL 1
Wellbore Diagram

Well Header				
API #	State	County	District	
3001536000	NM	EDDY	02 - ARTESIA	
Division	Business Unit	Region	Area	Total Depth (ftKB)
FOUNDATION	PERMIAN	RG_W_PERMIAN_NM	A_NEW_MEXICO	12,350.0

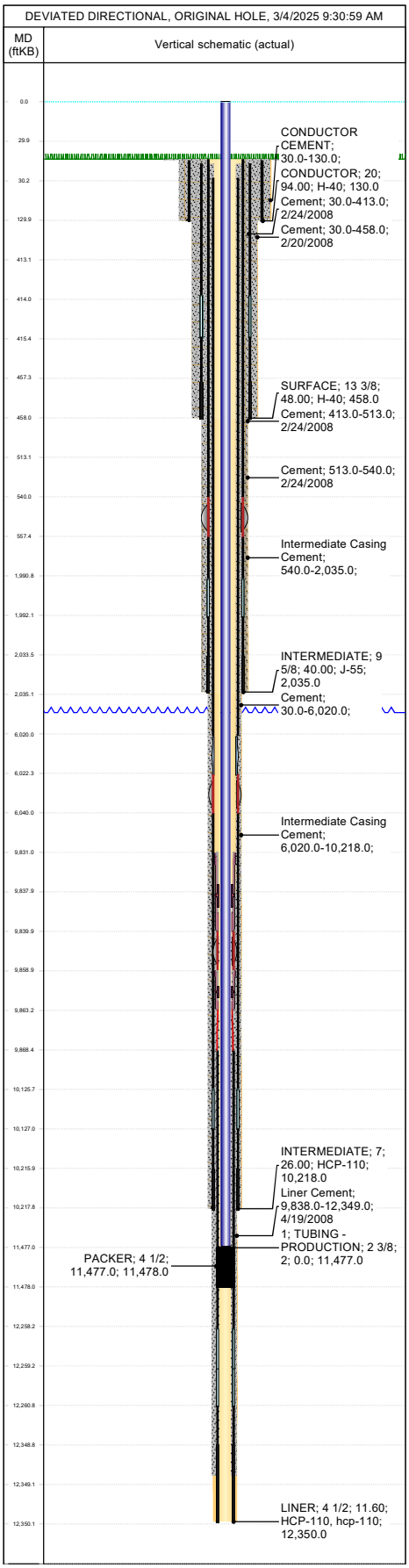
Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)
9,376.00	1.20	208.70	MWD	9,262.35	605.02	612.09	576.42	205.90	3.81	3.00	130.00	722.82
9,709.00	0.61	231.68	MWD	9,595.31	600.35	607.14	572.26	202.83	0.20	-0.18	6.90	727.98
9,800.00	2.55	209.90	Gyro MS	9,686.27	598.07	604.74	570.20	201.45	2.19	2.13	-23.93	730.47
9,900.00	1.35	134.18	Gyro MS	9,786.22	595.32	602.06	567.45	201.18	2.57	-1.20	-75.72	733.23
10,000.00	1.78	287.04	Gyro MS	9,886.21	594.84	601.50	567.09	200.54	3.04	0.43	152.86	733.97
10,100.00	1.37	270.45	Gyro MS	9,986.17	594.79	601.05	567.55	197.86	0.61	-0.41	-16.59	736.69
10,200.00	2.25	319.11	Gyro MS	10,086.12	595.78	601.65	569.05	195.38	1.69	0.88	48.66	739.58
10,300.00	4.70	298.74	Gyro MS	10,185.94	598.25	603.36	572.50	190.50	2.71	2.45	-20.37	745.56
10,380.00	7.31	280.14	Gyro MS	10,265.50	599.18	603.28	574.97	182.62	4.03	3.26	-23.25	753.82
10,478.00	6.30	266.00	MWD	10,362.81	597.71	600.59	575.70	171.11	1.99	-1.03	-14.43	765.35
10,541.00	4.80	274.00	MWD	10,425.52	596.50	598.83	575.64	165.04	2.67	-2.38	12.70	771.43
10,605.00	3.40	275.20	MWD	10,489.35	595.98	597.93	576.00	160.47	2.19	-2.19	1.88	776.00
10,667.00	3.10	265.60	MWD	10,551.25	595.36	597.04	576.03	156.97	1.00	-0.48	-15.48	779.50
10,730.00	1.70	287.40	MWD	10,614.20	595.01	596.51	576.18	154.38	2.61	-2.22	34.60	782.10
10,791.00	1.80	280.80	MWD	10,675.17	595.11	596.48	576.63	152.58	0.37	0.16	-10.82	783.96
10,855.00	1.40	325.60	MWD	10,739.15	595.66	596.92	577.47	151.15	1.99	-0.63	70.00	785.61
10,918.00	0.40	20.90	MWD	10,802.14	596.42	597.64	578.31	150.79	1.93	-1.59	87.78	786.53
10,981.00	0.40	325.90	MWD	10,865.14	596.79	598.01	578.70	150.75	0.59	0.00	-87.30	786.92
11,044.00	0.60	342.30	MWD	10,928.13	597.23	598.43	579.19	150.52	0.39	0.32	26.03	787.46
11,107.00	0.70	300.10	MWD	10,991.13	597.65	598.81	579.70	150.09	0.76	0.16	-66.98	788.13
11,199.00	1.00	308.90	MWD	11,083.12	598.21	599.30	580.48	148.98	0.35	0.33	9.57	789.49
11,292.00	1.00	293.60	MWD	11,176.11	598.77	599.77	581.32	147.60	0.29	0.00	-16.45	791.10
11,386.00	0.70	304.70	MWD	11,270.10	599.18	600.10	581.97	146.38	0.36	-0.32	11.81	792.49
11,481.00	1.00	314.10	MWD	11,365.09	599.87	600.72	582.88	145.31	0.35	0.32	9.89	793.89
11,577.00	1.10	312.40	MWD	11,461.07	600.80	601.58	584.09	144.03	0.11	0.10	-1.77	795.65
11,672.00	0.70	309.10	MWD	11,556.06	601.55	602.27	585.07	142.90	0.42	-0.42	-3.47	797.14
11,768.00	0.90	329.20	MWD	11,652.05	602.39	603.06	586.08	142.06	0.36	0.21	20.94	798.46
11,863.00	0.80	325.10	MWD	11,747.04	603.41	604.03	587.27	141.30	0.12	-0.11	-4.32	799.87
11,958.00	1.10	341.20	MWD	11,842.02	604.67	605.24	588.68	140.63	0.42	0.32	16.95	801.43
12,054.00	0.80	319.00	MWD	11,938.01	605.88	606.41	590.05	139.89	0.49	-0.31	-23.12	802.99
12,149.00	0.90	297.60	MWD	12,033.00	606.50	606.98	590.90	138.79	0.35	0.11	-22.53	804.38

Date	Description	Job
3/25/2008	INC.	INITIAL DRILL, 2/11/2008 06:00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)
9,709.00	0.61		Incl									
9,931.00	0.85		Incl									
10,203.00	2.02		Incl									
10,442.00	7.90		Incl									



BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Temporary Abandonment of Wells

Definition: A temporarily abandoned well is a completion that is not capable of production in paying quantities, but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

1. TA status will be effective for a period of up to one year from the date of sundry approval and can be renewed annually thereafter per IM NM-2016-017.

2. A bridge plug (CIBP) must be installed 50 to 100 feet above any open perforations/open hole/kick off point. The CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.

3. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.

4. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.

5. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.

6. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.

7. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:

    a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.

    b. A description of the temporary abandonment procedure.

    c. A clear copy or the original of the pressure test chart.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/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 469285

CONDITIONS

Operator: BREITBURN OPERATING LP 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 370080
	Action Number: 469285
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify the OCD inspection supervisor via email 24 hours prior to beginning Temporarily Abandonment (TA) operations.	6/9/2025
ward.rikala	Plug must be placed within 100ft of top of perforations.	6/9/2025
ward.rikala	Passing MIT test in accordance with 19.15.26.11 or 19.15.25.12-14 NMAC will be required at time of work.	6/9/2025