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

Sundry Print Report

11/07/2024

Well Name: BIG EDDY UNIT 29 FEDERAL SWD

Well Location: T21S / R29E / SEC 29 / SWSW / 32.4458 / -104.01386

County or Parish/State: EDDY / NM

Well Number: 1

Type of Well: INJECTION - ENHANCED RECOVERY

Allottee or Tribe Name:

Lease Number: NMLC069144

Unit or CA Name: BIG EDDY

Unit or CA Number: NMNM68294X

US Well Number: 3001543253

Operator: XTO PERMIAN OPERATING LLC

Subsequent Report

Sundry ID: 2820538

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 11/04/2024

Time Sundry Submitted: 09:08

Date Operation Actually Began: 10/07/2024

Actual Procedure: XTO Permian Operating LLC has completed the workover on the above mentioned well, per the attached summary report, post workover WBD, Witnessed post workover BHT and post workover MIT chart.

SR Attachments

Actual Procedure

Big_Eddy_Unit_29_Federal_SWD_001_Summary_Workover_Repair_10_7_24_20241104090738.pdf

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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: KRISTEN HOUSTON

Signed on: NOV 04, 2024 09:08 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.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: Accepted

Disposition Date: 11/06/2024

Signature: Jonathon Shepard

Big Eddy Unit 29 Federal SWD 001
API 3001543253
Daily Summary Report Repair Well

10/07/24: MIRU Spot Equip., NU 1502" on wing Valve. Called NMOCD (Gabrial) 10/4/24 @ 8:45 am.
10/08/24: Begin pumping 10# brine down csg, Begin 1.5 bpm @ 1500 psi. No threads on top of hanger. PU Spear Assy w/4.805" Nom Grapple. Work spear into 5-1/2" as clean scale from spear. PU on hanger in increments to get to 200K. Hanger not moving. Release spear. NU 11" 10K double gate (blinds on top, VBR on btm).
10/09/24: MIRU Hot oiler/Load water. Begin pumping 10# Brine down csg @ 220 degrees got tbg head to 189 degrees. Pumped 170 bbls at 150 psi @ ¾ bbl a min. PU spear Assy w/4.805" Nom Grapple. Work Spear into 5-1/2" PU on hanger in increments to get to 250K. Hanger not moving Release spear. Heat tbg head to 300 degrees.
10/10/24: Change out csg valves left BR plug in csg valve on the north side of tbg head due to not being able to test due to base beam in the way. NU annular. Make up Jars, collar to pull hanger.
10/11/24: Pump 140 bbls of KWF. Make up collar and 6: jars. 4-5/8" spear. Preform hot work checks. Heat tbg head to 300 degrees. Spear csg fire jars at 50K. Worked up to 140K then 240K straight pull. 4th time hgr became loose PU 34" wt 240K set slips. Heat up hgr to 300 degrees. Removed hanger and installed new hanger. Re-landed new hgr. NU BOP.
10/12/24: Test BOP 4000 high and 300 low. RU swivel/Make up subs. Work pipe for 200 to 240K w/only 4 rounds of torque. Torque was at 4500 ft lbs. Continued working from 210-230K finally got rotation. LD 20' subs. RD swivel/20 subs. Pulled to 240k. Work pipe from 210-240k. Pipe came free. LD 50' 5-1/2" tbg. Well is out of balance. Shut in well bull head 130 bbls 10# brine. Tbg caught PSI at 39 bbls pumped. SITP 300 psi. SICP 500 psi.
10/13/24: Pump 525 bbls to flush csg. 290 bbls to flush tbg. Monitor well. Bleed csg to 0 psi. PU WT 217K. LD 52 jts 5-1/24". Found hole at Joint 38. (1672').
10/14/24: Pumped 25 bbls down csg. Pump 2 bbls ever 8 jnts 5-1/2: LD. PU WT 176K. LD 229 jts 5-1/2" 38 4-1/2" btc.
10/15/24: Pump 25 bbls down csg. Pump 2 bbls every 8 jts 5-1/2 LD. PT WT 176K. LD 228 jts 5-1/2. 104 jts 4-1/2 btc. MI 3-1/2 WS. Tally drift work string. TIH w/170 jts @ 5200'
10/16/24: Pump 25 bbls down csg. TIH 10,092'. MIRU Acid Crew. Pumped 482 bbls acid @ 9 bbls a min 3500 psi. Flushed with 270 bbls 10# @ 9 bbls amin 3400 psi. SICP 400 psig high. Spotted scavenger with last 40 bbls of fluid. Displaced w/20 more. RDMO Acid Crew. MIRY 3-1/2 WS. Tally drift WS. TIH w/340 jts 10,472'.
10/17/24: Pmp 40 bbls down csg. TIH to 13,960'. Up wt is 164K down wt 162K. Slack off to 134k. Sting into packer. Load csg with 30 bbls. Let set 45 min. Test csg to 1500 psig. Test passed.
10/18/24: Pmped down 40 bbls. TOH w/ 3-1/2" WS. Load csg with 3 bbls every 16 jts.
10/21/24: Pmped down 40 bbls. TOH w/ 3-1/2" WS. Load csg with 3 bbls every 16 jts.
10/22/24: Pmped down 30 bbls. Inspect 4-1/2" tbg. Remeasure all pin end threads to check diamond. Tally drift tbg. Drift is 3.80. Re-dope threads. TIH w/105 4-1/2 tbg 13.5" BTC w/TK15xt coating and kc coupling tbg. 1 4-1/2 13.5# BTC w/TK15xt coating and kc coupling back to 5-1/2 btc x-over. 1 jnt 4-1/2 17# BTC w/TK15xt coating and kc coupling tbg. Load and tally 5-1/2 17# BTC w/TK15xt coating and kc coupling tbg.
10/23/24: TIH w/88 jts 5-1/2" 17# BTC w/TK15xt coating and kc coupling tbg. Have 89) 5-18" in hole. Then continued RIH w/69 jts 5-1/2" 17# IPC BTC Inj String. Have 158 jts 5-1/2". Total of 263 jts in, EOT at 11,734'. Developed air lean in break lines. Shut down and secure well.
10/24/24: TIH w/50 jts 5-1/2" 17# BTC w/TK15xt coating and kc coupling tbg. Have 208 jts 5-1/2" in hole. Sting wt up @ 210k. Down at 203k. Rotate Torque 2000 ftlbs. Tag latch into packer PU 5-1/2" sub for 40k down. Fill TCA w/21 bbls 10# treated brine. Press test to 1000 psi held good. Set up tongs and rotate to release form packer. LD sub and 2 jts 5-1/2 17# BTC IPC Inj String. Space out with 260 jts 5-1/2, bury 10',12',12', 1 jt (#207) 5-1/2" 17 # BTC. PU coated 11) 10k hanger. Latch into pkr @ 13,953.87'. Pull 15k over. Slack off and land hanger in 40k compression. RD csg crew. Install 5" BPV. ND 11" 10k BOP. NU 5-1/8" 5kX11" adapter. NU 5-1/8" tree. Pull BPV. Install 5" TWC. Pres Test good. Test tree 300 low 5 min 4500 high 10 min good test. Retrieve TWC. Shut in and secure well.
10/25/24: RDMO rack out equipment. Press test north csg valve 300 low 4500 high, good test. Press test south csg valve. Good test. Recover VR Press test TCA begin 516 psi, 15 min 514 psi, End 30 min 514 psi. Good Test. Press test void 300 low 5 min, 4500 high. Good test RDMO Sonic. All tests successful. Well shut in and secure turned over to disposal team.
10/31/24: Scheduled MIT, test preformed and witnessed by Barbara Lydick with NMOCD. Test Signed and passed per NMOCD.

10/31/24: Post workover BHT ran and witnessed by Barbara Lydick will be submitted per NMOCD Website under BHT submittal. Also attached here.

Schematic - Current Directional with Perfs

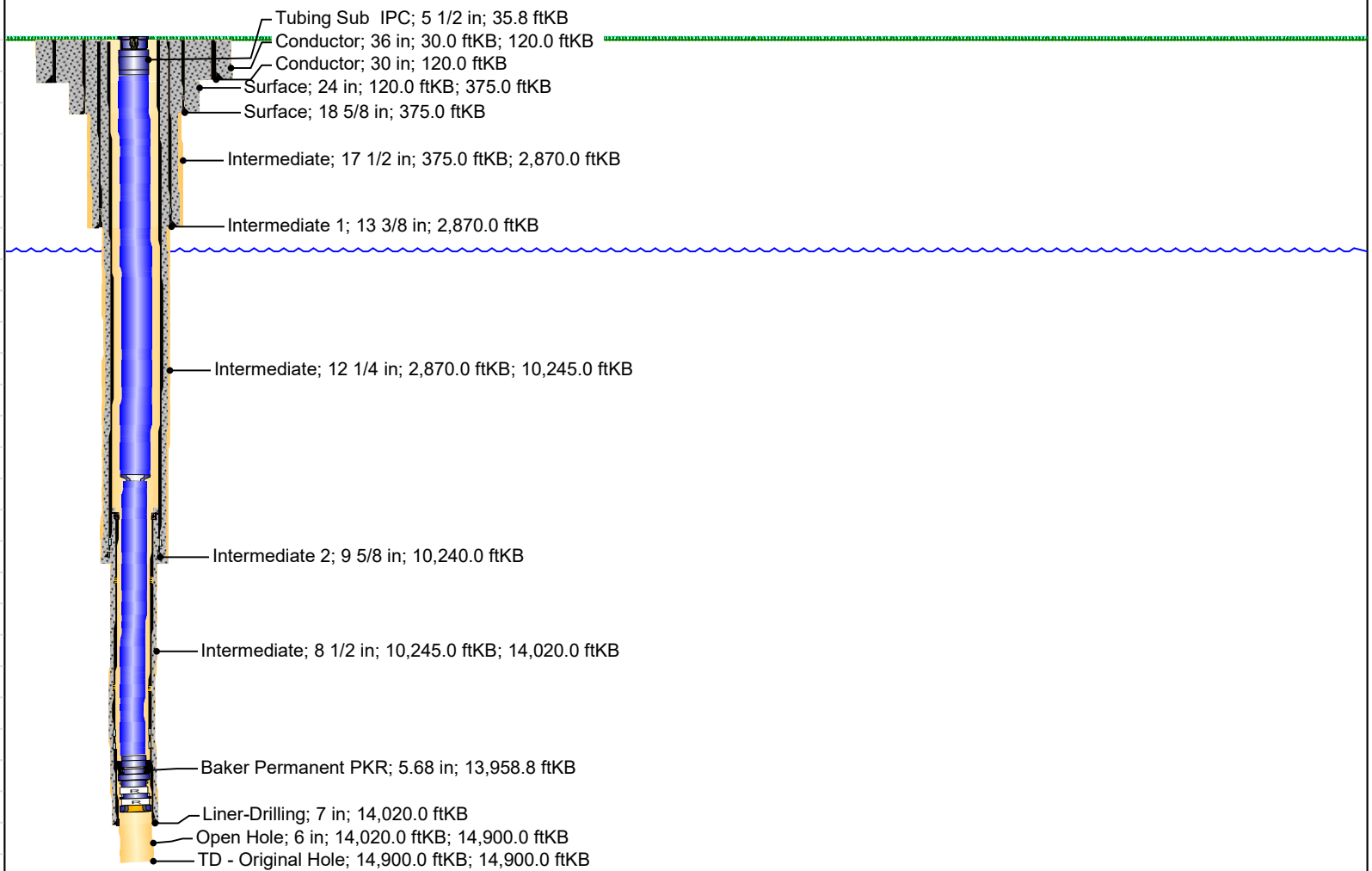
Well Name: Big Eddy Unit 29 Federal SWD 001

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001543253	1090751001	BLM	New Mexico	Eddy

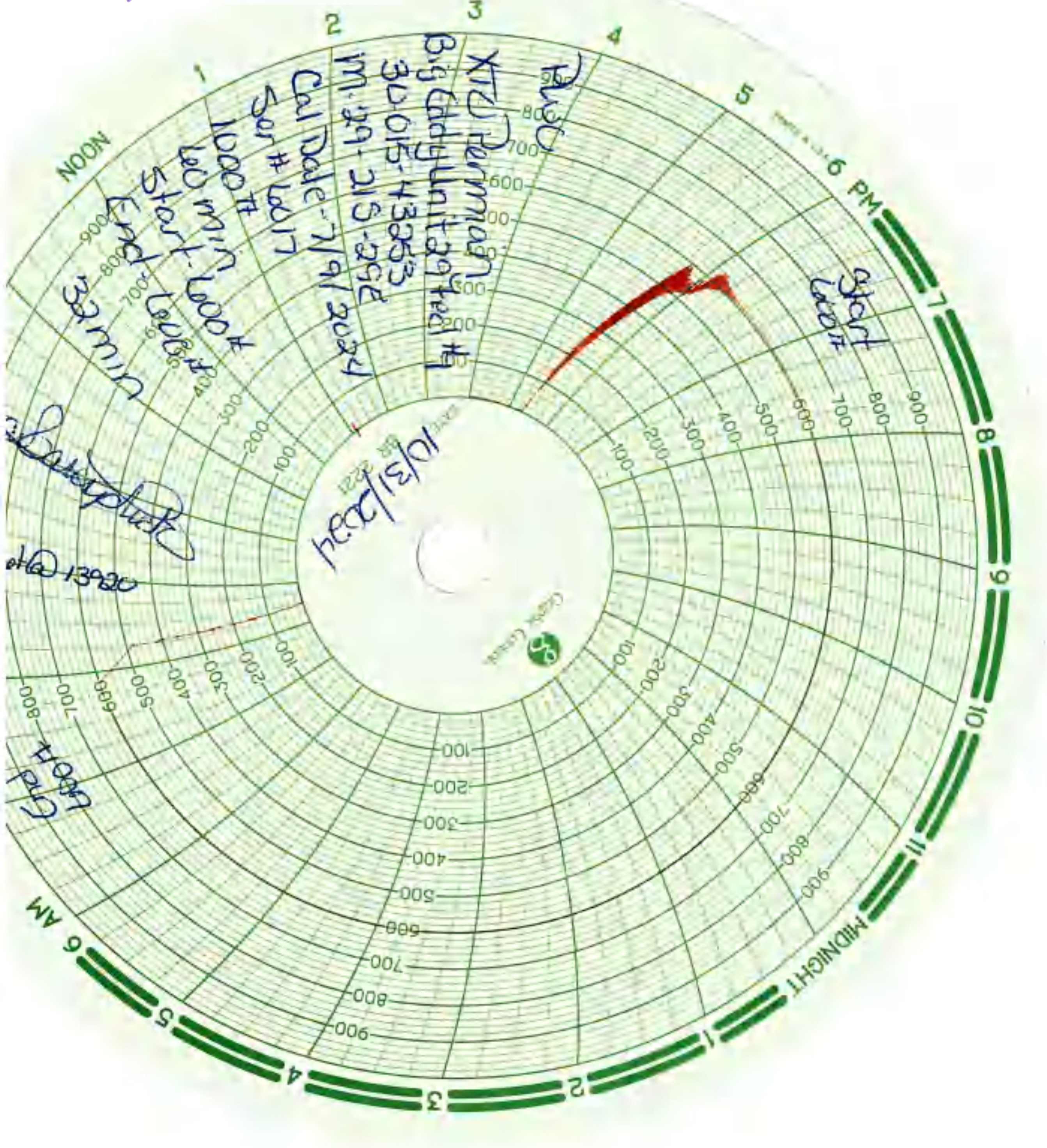
Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevatio…
T21S-R29E-S29	2/16/2019 23:30	3,331.60	3,301.60	30.00	

MD (ftKB)	TVD (ftKB)	Incl (°)
0	0	0.0
500	500	0.7
1,000	1,000	1.2
1,500	1,500	1.9
2,000	1,833	2.3
2,500	2,333	2.5
3,000	2,832	2.6
3,500	3,332	2.0
4,000	3,832	1.6
4,500	4,331	1.2
5,000	4,831	1.1
5,500	5,331	0.9
6,000	5,831	0.9
6,500	6,331	0.8
7,000	6,831	1.1
7,500	7,331	1.6
8,000	7,831	0.6
8,500	8,331	0.9
9,000	8,831	1.0
9,500	9,331	1.4
10,000	9,831	1.0
10,500	10,330	1.4
11,000	10,830	2.8
11,500	11,329	2.6
12,000	11,829	3.0
12,500	12,328	2.1
13,000	12,828	1.9
13,500	13,328	2.2
14,000	13,827	2.9
14,500	14,327	2.5
15,000	14,826	2.3

Directional schematic (actual)



Note: Directional schematic does not correlate to other tracks.


NOON
6 PM
MIDNIGHT
6 AM
XTO Permian
30-015-43353
Cal Date 7/9/2024
Start 1000#
End 1000#
10/31/2024

District 2-Artesia

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Artesia District Office

BRADENHEAD TEST REPORT

Operator Name	API Number
YTO Permian	30-015-43253
Property Name	**Well No.**
Big Eddy Unit 29 Federal SWD	1

Surface Location

UL - Lot	Section	Township	Range		Feet from	N/S Line	Feet From	E/W Line	County
M	29	21S	29E		980	S	450	W	Eddy

Well Status

TA'D WELL		SHUT-IN		INJECTOR		PRODUCER		DATE
YES	(NO)	(YES)	NO	INJ	(SWD)	OIL	GAS	10/31/2024

OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	Cemented	0		0	0
Flow Characteristics					
Puff	Y / N	Y / (N)	Y / N	(Y) / N	CO2
Steady Flow	Y / N	Y / (N)	Y / N	Y / (N)	WTR ✓
Surges	Y / N	Y / (N)	Y / N	Y / (N)	GAS
Down to nothing	Y / N	(Y) / N	Y / N	(Y) / N	Type of Fluid Injected for Waterflood if applies
Gas or Oil	Y / N	Y / (N)	Y / N	Y / (N)	
Water	Y / N	Y / (N)	Y / N	Y / (N)	

Remarks – Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

PWOBHT-OK

Signature:		OIL CONSERVATION DIVISION
Printed name:		Entered into RBDMS
Title:		Re-test
E-mail Address:		
Date:	Phone:	
	Witness:	

INSTRUCTIONS ON BACK OF THIS FORM

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 400486

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 400486
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	11/8/2024