

Well Name: JACK FEDERAL	Well Location: T25S / R27E / SEC 31 / NENE / 32.092952 / -104.221842	County or Parish/State: EDDY / NM
Well Number: 5H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM114349	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001542135	Well Status: Abandoned	Operator: COG OPERATING LLC

Accepted for record – NMOCD gc1/4/2023

Subsequent Report

Sundry ID: 2708763

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 12/27/2022	Time Sundry Submitted: 09:25
Date Operation Actually Began: 11/11/2022	

Actual Procedure: 11/11/22 MIRU plugging equipment. 11/14/22 Dug out cellar. Pump'd 20 bbls Brine H2O to kill well. ND weelhead, NU BOP. 11/15/22 Pressure tested csg, held 1000 PSI. Tagged existing 5 1/2 CIBP @ 6900'. Circ hoole w/ MLF. Casing parted @ 2885'. Spotted 25 sx class C cmt @ 5670-5417. Spotted 25 sx class C cmt @ 4100-3847'. 11/17/22 Set packer @ 2501. Sqz'd 100 sx class C cmt into parted csg @ 2885-2785'. WOC. 11/18/22 Tagged plug @ 2691'. Perf'd @ 2146'. Sqz'd 108 sx class C cmt @ 2146- 1788'. WOC & Tagged @ 1788'. 11/21/22 ND BOP, NU well head, Perf'd @ 455'. Sqz'd 150 sx class C cmt @ 455' & circulated to surface. WOC. 11/22/22 ND wellhead. Confirmed cmt to surface. Rigged down & moved off. 11/29/22 Moved in backhoe and welder. Cut off well head & anchors. Oscar Torres w/ BLM verified cmt @ surface via picture text message. Welded on "Above Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location, and moved off

SR Attachments

- Actual Procedure
- Jack_Fed_5H_Subsequent_Report_20221227092423.pdf
 - Jack_Fed_5H_Plugged_WBD_20221227092406.pdf
 - Jack_Fed_5H_Current_WBD_20221227092347.pdf
 - Jack_Fed_5_DHM_20221227092333.pdf

Received by OCD: 12/30/2022 11:05:23 AM

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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: RUTH SHOCKENCY	Signed on: DEC 27, 2022 09:24 AM
Name: COG OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 600 W. ILLINOIS AVE.	
City: MIDLAND	State: TX
Phone: (575) 703-8321	
Email address: RUTH.SHOCKENCY@CONOCOPHILLIPS.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JAMES A AMOS	BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927	BLM POC Email Address: jamos@blm.gov
Disposition: Accepted	Disposition Date: 12/29/2022
Signature: James A. Amos	



PLUGGED WELL SKETCH

API: 30-015-42135
 SPUD: 09/08/14 @ 06:00 MST
 FRR: 10/9/14 @ 18:00 MST
 RIG: Patriot #2

Jack Federal No. 5H

Wildcat Field
 Eddy County

Sec 31-25S-27E

SHL: 190' FNL & 500' FEL
 BHL: 330' FSL & 424' FEL (est.)

Sec 31-25S-27E

GL: 3,249'

KB: 3,266'

ZERO: 17'

5. Perf'd @ 455'. Sqz'd 150 sx class C
 cmt @ 455' & circulated to surface.

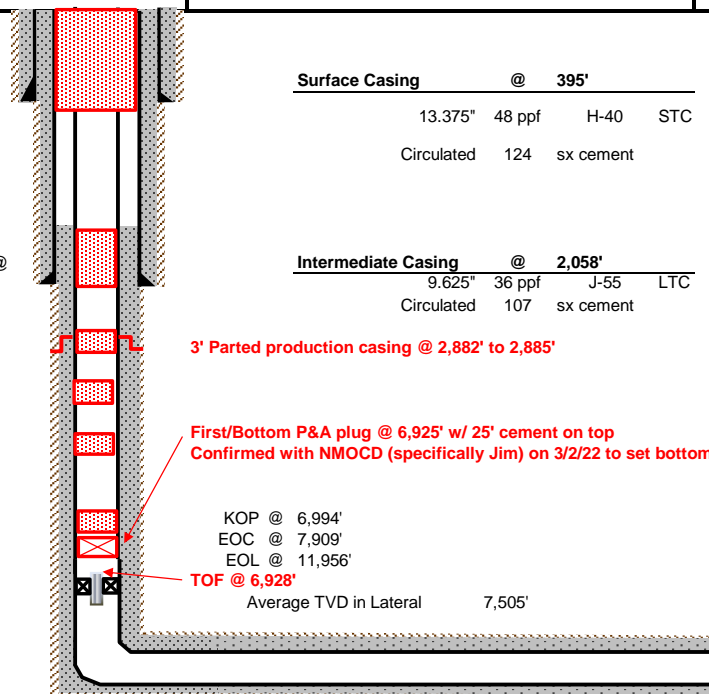
4. Perf'd @ 2146'. Sqz'd 108 sx class C cmt @
 2146-1788'. WOC & Tagged @ 1788'.

4. Set packer @ 2501. Sqz'd 100 sx class C
 cmt into parted csg @ 2885-2785'. WOC &
 Tagged plug @ 2691'.

3. Spotted 25 sx class C cmt @ 4100-3847'.

2. Spotted 25 sx class C cmt @ 5670-5417'.

1. Tagged existing CIBP @ 6900'. Circ hoole
 w/ MLF.



Formation Tops	
Rustler	235
T/Salt	405
B/Salt	1857
Lamar	2049
Bell Canyon	2096
Cherry	2918
Brushy	4049
Bone Spring	5620

Production Casing @ 11,956'

5.5" 17 ppf P-110 LTC
 FC (PBTD) 11,953'
 Notes: Wet Shoe Float Equipment
 Circulated: 0 sx cement
 Temp Svy TOC: 1,800'
 MJ: 6,841'

HOLE SIZE	MW (ppg)	BHST (F)	Evaluation
17.5"	8.4		No Logs
12.25"	10		No Logs
7.875"	9.1	136 F (est.)	Mud Logs

32.0930672,-104.2223282

Updated by M. Beggs
 Date: 11/30/2022

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 171360

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 171360
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/6/2023