

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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**REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

**Section 1 - Operator and Well Information**

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: Hubbard 3B	Property Code: 318571
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-30976
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

**Section 2 – Surface Location**

UL C	Section 15	Township 032N	Range 012W	Lot	Ft. from N/S 660' North	Ft. from E/W 2360' West	Latitude 36.9915009	Longitude -108.083168	County SAN JUAN
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**Section 3 – Completion Information**

Producing Method Flowing	Ready Date 4/9/2025	Perforations MD 2,073' – 2,478'	Perforations TVD 2,073' – 2,478'
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**Section 4 – Action IDs for Submissions and Order Numbers**

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 446614	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5473
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

**Section 5 - Operator Signature and Certification**

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date: 4/11/2025

Cheryl Weston

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Wednesday, April 2, 2025 10:53 AM  
To: Tyler Portwood; Rennick, Kenneth G; Kade, Matthew H  
Cc: Farmington Regulatory Techs; Lisa Helper; Jackson Lancaster; Cameron Skelton; Glory Kamat; Griffin Selby; Jose Morales; Issac Overright - (C); Cheryl Weston  
Subject: RE: [EXTERNAL] Hubbard 3B (API 3004530976) - Perforation Request

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

NMOCD approves to continue with recomplete in Fruitland Coal formation through perforation **1895 to 2480**

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

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From: Tyler Portwood <Tyler.Portwood@hilcorp.com>  
Sent: Wednesday, April 2, 2025 8:42 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>  
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Lisa Helper <lhelper@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Cameron Skelton <Cameron.Skelton@hilcorp.com>; Glory Kamat <Glory.Kamat@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>; Issac Overright - (C) <Issac.Overright@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>  
Subject: [EXTERNAL] Hubbard 3B (API 3004530976) - Perforation Request

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

Please see the attached CBL for the Hubbard 3B (API 3004530976). This well passed its state witnessed MIT on 3/31/25. We would like to request permission to perforate the Fruitland Coal interval from 1,895'-2,480'. Please let me know if you have any questions or need additional information.

Thanks,

Tyler Portwood  
SJN Operations Engineer  
Hilcorp Energy Company  
Cell: 817-343-3719

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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

### Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/> Plugback <input checked="" type="checkbox"/> Different Reservoir <input type="checkbox"/> C-144 Closure Attachment <input type="checkbox"/> Other	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: HUBBARD 3B	Property Code: 318571
Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-30976
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

### Section 2 - Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	C	15	032N	012W		660	North	2630	West	San Juan
BHL:	C	15	032N	012W		660	North	2630	West	San Juan

### Section 3 - Completion Information

Date T.D. Reached 12/12/2002	Total Measured Depth of Well 5254'	Acid Volume (bbls) 72	<input type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released 4/9/2024	Plug-Back Measured Depth 5239'	Completion Fluid Used (bbls) 80,598	Were Logs Ran (Y/N) Y
Completion Date 4/9/2025	Perforations (MD and TVD) 2073' - 2478'	Completion Proppant Used (lbs) 160,570 lbs	List Type of Logs Ran if applicable: CNL

### Section 4 - Action IDs for Submissions and Order Numbers

Surface Casing Action ID: Previous to system	UIC Permit/Order (UIC wells only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	NOI Recomplete Action ID (if applicable): 94307
Intermediate 2 Casing Action ID: Previous to system	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: Previous to system	Cement Squeeze Action ID (if applicable):
Tubing Action ID: N/A	All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liner 1 Action ID: N/A	Casing was installed prior to Action ID system (Y/N): Y

### Section 5 - Test Data

Date First Production 4/9/2025	Production Method Flowing	Well Status Producing	Gas - Oil Ratio
Date of Test 4/9/2025	Choke Size 17/64"	Flowing Tubing Pressure 0 psi	Casing Pressure 160 psi
24 hr Oil (bbls) 0 bbl	24 hr Gas (MCF) 30 MCF	24 hr Water (bbls) 0 bbl	Oil Gravity - API
Disposition of Gas: Sold			

### Section 6 - Pits

<input type="checkbox"/> A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit. <input checked="" type="checkbox"/> A Closed Loop System was used. <input type="checkbox"/> If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____
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### Section 7 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name <b>Cherylene Weston</b>	
Title Operations Regulatory Tech Sr.	Date 4/11/2025

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	739	739	
T. Yates				T. Kirtland	822	822	
T. 7 Rivers				T. Fruitland	1975	1975	W/G
T. Queen				T. Pictured Cliffs	2480	2480	G
T. Grayburg				T. Lewis Shale			
T. San Andres				T. Chacra	3691	3691	
T. Glorieta				T. Cliff House	4076	4076	G
T. Yeso				T. Menefee	4432	4432	G
T. Paddock				T. Point Lookout	4880	4880	G
T. Blinebry				T. Mancos			
T. Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T. Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							

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State of New Mexico  
Energy, Minerals and Natural Resources

Revised July 18, 2013

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

WELL API NO. <b>30-045-30976</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. <b>FEE</b>
7. Lease Name or Unit Agreement Name <b>HUBBARD</b>
8. Well Number <b>3B</b>
9. OGRID Number <b>372171</b>
10. Pool name or Wildcat <b>FRC - BASIN CB::FRUITLAND COAL</b>

**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  
**Hilcorp Energy Company**

3. Address of Operator  
**382 Road 3100 Aztec, NM 87410**

4. Well Location  
Unit Letter **C** Footage **660' FNL & 2630' FWL**  
Section **15** Township **032N** Range **012W** **SAN JUAN COUNTY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6102' GR**

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- CLOSED-LOOP SYSTEM
- OTHER:
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING/CEMENT JOB
- OTHER:  - **Recomplete**
- ALTERING CASING
- P AND A

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.

HILCORP ENERGY RECOMPLETED THE SUBJECT WELL INTO THE FRUITLAND COAL AND DOWNHOLE COMMINGLED WITH EXISTING MESAVERDE. PLEASE SEE ATTACHED REPORTS.

Spud Date:

Rig Released Date:

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

SIGNATURE Cherylene Weston TITLE Operations/Regulatory Tech - Sr. DATE 4/11/2025  
 Type or print name Cheryl Weston E-mail address: cweston@hilcorp.com PHONE: 713.289.2615

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):



## Well Operations Summary L48

**Well Name: HUBBARD #3B**

API: 3004530976	Field: BLANCO MESAVERDE (PRORATED GAS)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: BWD 103

**Jobs**

**Actual Start Date:** 3/29/2025      **End Date:**

Report Number	Report Start Date	Report End Date
1	3/29/2025	3/30/2025

Operation

CREW TRAVEL TO LOCATION.  
 SAFETY MTG WITH TRUCKING CO.  
 LOAD OUT EQUIP. MOVE OUT WITH RIG AND EQUIP. TRAVEL TO LOCATION. 12 MILE MOVE  
 SPOT IN EQUIP. R/U GROUND EQUIP. SLICK LINE RIGGED UP DOING PRE RIG. PULLED PLUNGER. RIH TO PULL SPRING. PULLED IN PIECES. MADE 4 RUNS TO PULL IT. RIH TO TAG FILL. TAGGED AT 5215' WLM. R/D EXPERT. RAISE DERRICK AND SECURE.  
 NIPPLE DOWN TREE, P/U BOP INSTALL ON WELL. CONNECT HYDRAULIC LINES AND FUNCTION TEST. RIG UP FLOOR AND EQUIP. UNLOCK HANGER PULL TO RIG FLOOR.  
 S/M WITH PREMIER NDT. SPOT IN TRUCK R/U EQUIP POH SCANNNG 2-3/8 TBG. R/D SCANNERS. ORDER REPLACEMENT TBG.  
 SECURE WELL DRAIN ALL EQUIP FOR THE NIGHT. DEBRIEF CREW.

CREW TRAVEL HOME.

Report Number	Report Start Date	Report End Date
2	3/30/2025	3/30/2025

Operation

CREW TRAVEL TO LOCATION  
 S/M. CHECK WELL FOR PRESSURE. BDW.  
 SITP- 0  
 SICP- 90  
 SIBH -0  
 BDW: 10 MIN  
 SPOT IN REPLACEMENT TBG. STRAP AND PREP.MAKE UP 3-7/8 BIT AND STRING MILL.  
 RIH W / 2-3/8 TBG TO 4680'  
 CHANGE OVER POH W / BIT AND STRING MILL. BREAK DOWN TOOLS  
 MAKE UP CIBP. RIH W / 2-3/8 TBG TO **4678' SET CIBP**. L/D 2 JTS.  
 LOAD WELL W / WATER ROLL HOLE. SHUT IN PRETEST 600 PSI 30 MIN. GOOD  
 SECURE WELL. DRAIN ALL EQUIP FOR THE NIGHT. DEBRIEF CREW

CREW TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
3	3/31/2025	3/31/2025

Operation

CREW TRAVEL TO LOCATION.  
 S/M, CHECK WELL FOR PRSSURE. OPEN WELL.  
 SITP - 0  
 SICP - 0  
 SIBH -0  
 S/M WITH WSI SPOT IN TRUCK CONNECT PUMP TO WELL DO A PRE- **MIT ON 4.5 CSNG PRESSURE UP TO 600 PSI HOD FOR 30 MIN GOOD TEST**. BLEED OFF PRESSURE. WAIT ON STATE TO WITNESS. PRESSURE UP TO **550 PSI WITNESSED BY STATE. GOOD TEST**. BLEED OFF PRESSURE  
 POH LAYING DOWN -3/8 TBG ON FLOAT SEND IN TO TUBOSCOPE FOR STORAGE.  
 S/M WITH TWG. SPOT IN TRUCK R/U EQUIP. M/U LOGGING TOOL RIH AND RU CNL. BREAK DOWN TOOLS **M/U CBP RIH TO 2510' AND SET**. POH W / E-LINE. R/D UNIT  
 SECURE WELL, DRAIN ALL EQUIP FOR THE NIGHT, DEBRIEF CREW.

CREW TRAVEL HOME.

Report Number	Report Start Date	Report End Date
4	4/1/2025	4/1/2025

Operation

CREW TRAVEL TO LOCATION  
 . S/M, CHECK WELL FOR PRESSURE. OPEN WELL. M/U 4.5 HANGER RIH LAND AND LOCK INTO PLACE.RIG DOWN FLOOR AND EQUIP.  
 SITP - 0  
 SICP - 0  
 SIBH -0  
 BDW:0 MIN  
 NIPPLE DOWN BOP. S/M WITH BIG RED TOOL SPOT IN TRUCK P/U FRAC STACK. INSTALL ON WELL. STUDS ON FRAC STACK TO SHORT ORDERED NEW SET. WAIT ON DELIVERY. INSTALL NEW STUDS. N/U FRAC STACK. CONNECT TEST UNIT TO WELL PRESSURE UP TO 3,000 PSI. 30 MIN GOOD TEST. R/D BIG RED. WAIT ON WIND TO DIE DOWN TO LOWER DERRICK. R/D SERVICE UNIT PREP TO MOVE. RELEASE RIG AT 12:00

CONNECT TEST UNIT TO WELL PRESSURE UP TO 3,000 PSI. 30 MIN GOOD TEST. R/D BIG RED. WAIT ON WIND TO DIE DOWN TO LOWER DERRICK.



## Well Operations Summary L48

**Well Name: HUBBARD #3B**

**API: 3004530976**

**Field: BLANCO MESAVERDE (PRORATED GAS)**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: BWD 103**

Operation

R/D SERVICE UNIT PREP TO MOVE. RELEASE RIG AT 12:00

Report Number 5	Report Start Date 4/4/2025	Report End Date 4/4/2025
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Operation

S/M WITH TRUCKING CO, LOAD OUT EQUIP, MOVE OUT W / RIG AND EQUIP. TRAVEL TO STAGING AREA. DID SOME RIG REPAIRS. SECURE ALL EQUIP. CREW TRAVEL HOME.

Report Number 6	Report Start Date 4/5/2025	Report End Date 4/5/2025
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Operation

MOVE IN AND SPOT GORE N2 SERVICES AND THE WIRELINE GROUP WIRELINE.

RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

**PERF STAGE #1 (FRUITLAND COAL) INTERVAL WITH 132 TOTAL SHOTS, 0.35" DIA, 4 SPF, 3-1/8" SELECT FIRE GUNS, 120 DEGREE PHASING AT 2385'-2388', 2395'-2414', 2429'-2434', 2462'-2465', 2475'-2478'. ALL SHOTS FIRED. POOH.**

PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 4000 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 4000 PSI. GOOD TEST.

**FRUITLAND COAL STIMULATION: (2385' TO 2478')** TOTAL LOAD: 847 BBLS **TOTAL SLICKWATER: 823 BBLS** TOTAL ACID: 24 BBL **TOTAL 100 MESH: 5,066 LBS. TOTAL 30/50 SAND: 48,081 LBS TOTAL N2: 549,000 SCF** AVERAGE RATE: 50 BPM MAX RATE: 51 BPM AVERAGE PRESSURE: 1,670 PSI MAX PRESSURE: 1,900 PSI MAX SAND CONC: 2.50 PPG DOWNHOLE. 65- 7/8" RCN BALLS DROPPED FOR DIVERSION. ISIP: 999 PSI 5 MIN: 627 PSI

RIH AND SET PLUG @ 2,375'. **PERF STAGE #2 (FRUITLAND COAL) INTERVAL WITH 152 TOTAL SHOTS, 0.35" DIA, 4 SPF, 3-1/8" SELECT FIRE GUNS, 120 DEGREE PHASING AT 2294'-2316', 2322-2338', ALL SHOTS FIRED. 2 RUNS TOTAL. POOH.**

**FRUITLAND COAL STIMULATION: (2294' TO 2338')** BREAK DOWN ISIP: 275 PSI 5 MIN: 174 PSI FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 622 BBLS **TOTAL SLICKWATER: 598 BBLS** TOTAL ACID: 24 BBL **TOTAL 100 MESH: 5,038 LBS. TOTAL 30/50 SAND: 52,250 LBS TOTAL N2: 465,000 SCF** AVERAGE RATE: 50 BPM MAX RATE: 51 BPM AVERAGE PRESSURE: 1,436 PSI MAX PRESSURE: 1,483 PSI MAX SAND CONC: 2.75 PPG DOWNHOLE. ISIP: 1,085 PSI 5 MIN: 704

RIH AND SET PLUG @ 2,280'. **PERF STAGE #3 (FRUITLAND COAL SAND) INTERVAL WITH 78 TOTAL SHOTS, 0.35" DIA, 2 SPF, 3-1/8" SELECT FIRE GUNS, 120 DEGREE PHASING AT 2073'-2080', 2126'-2136', 2240'-2262' ALL SHOTS FIRED. 2 RUNS TOTAL. POOH.**

**FRUITLAND COAL SAND STIMULATION: (2073' TO 2262')** BREAK DOWN ISIP: 788 PSI 5 MIN: 299 PSI **FRAC AT 50 BPM W/ 70Q N2 FOAM.** TOTAL LOAD: 522 BBLS **TOTAL SLICKWATER: 498 BBLS** TOTAL ACID: 24 BBL **TOTAL 20/40 SAND: 50,135 LBS TOTAL N2: 515,000 SCF** AVERAGE RATE: 50.1 BPM MAX RATE: 50.8 BPM AVERAGE PRESSURE: 1,703 PSI MAX PRESSURE: 1,856 PSI MAX SAND CONC: 2.25 PPG DOWNHOLE. ISIP: 1,471 PSI 5 MIN: 1,313 PSI

SHUT IN WELL. SECURED LOCATION.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT. MOVE OFF.

MIRU MESA PRODUCTION FLOW TESTERS.

Report Number 7	Report Start Date 4/6/2025	Report End Date 4/6/2025
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Operation

TRAVEL TO STAGING AREA.

S/M WITH TRUCKING CO.

LOAD OUT AND MOVE RIG AND EQUIP TO LOCATION. SPOT IN RIG AND EQUIP. CHECK WELL FOR PRESSURE W / FLOW BACK CREW. RAISE DERRICK AND R/U GROUND EQUIP.

SIPT-0  
SICP-500  
SIBH-0

SPOT IN BIG RED TOOL CONNECT LINE AND CHOKE. BLOW WELL DOWN. THROUGH CHOKE PRESSURE DROPPED TO 90 PSI. R/U LUBRICATOR. FLUSH FRAC STACK W / 5 BBL TO REMOVE ANY SAND. RIH W / 4" TWC SET IN HANGER BLEED OFF PRESSURE. N/D FRAC STACK SET ON BIG REDS TRAILER.

P/U BOP INSTALL ON WELL. CONNECT HYDRAULIC LINES FUNCTION TEST . P/T BOP 250 / 3000. GOOD TEST. R/D WSI. CONNECT PUMP TO CSNG KILL WELL WITH 80 BBL LEAVE PUMP KICKED IN REMOVE 4.5 HANGER AND TWC.

M/U 3-7/8 JUNK MILL 6- 3-1/8 DRILL COLLARS AND 2-3/8 TBG. TAGGED AT 2270. POH ABOVE PERFS TO SECURE WELL FOR THE NIGHT. DEBRIEF CREW. CREW TAVEL HOME.

SECURE WELL FOR THE NIGHT. DEBRIEF CREW.

CREW TAVEL HOME.

Report Number 8	Report Start Date 4/7/2025	Report End Date 4/7/2025
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Operation

CREW TRAVEL TO LOCATION.

HELD PRE JOB SAFETY MEETING. BDW. WAIT FOR WIND DIRECTION TO CHANGE SITP: 0 PSI SICP: 1300 PSI SIICP: 0 PSI SIBHP: 0 PSI BDW: 30 MIN

TIH W/ TUBING. TAG PLUG #1 @ 2280'. R/U POWER SWIVEL.

KI AIR. EST CIRC W/ AIR/FOAM UNIT. WITH 1350 CFM & 13 BBL/HR WATER. 1 GAL/HR SOAP & 1.5 GAL/HR INHIBITOR. **MILL PLUG #1 (CBP) AT 2280'. PU 3 JTS AND TAG PLUG #2 @ 2375'. MILL PLUG #2. PU 4 JTS W/ SWIVEL. TAG PLUG #3 @ 2510'. MILL PLUG #3.**

CIRCULATE WELL CLEAN. PUMP SWEEPS. KILL TBG RACK BACK POWER SWIVEL.

TALLY AND PU TBG AND TAG PLU #4 @ 4678'.

TOOH W/ TUBING TO ABOVE TOP PERF. EOT AT 1980'.

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN. CREW TRAVELED HOME.



## Well Operations Summary L48

**Well Name: HUBBARD #3B**

**API: 3004530976**

**Field: BLANCO MESAVERDE (PRORATED GAS)**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: BWD 103**

Report Number 9	Report Start Date 4/8/2025	Report End Date 4/8/2025
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Operation

CREW TRAVEL TO LOCATION.  
 HELD PRE JOB SAFETY MEETING. BDW. WAIT FOR WIND DIRECTION TO CHANGE SITP: 0 PSI SICP: 400 PSI SIICP: 0 PSI SIBHP: 0 PSI BDW: 30 MIN  
 TIH W/ TUBING. TAG PLUG #4 @ 4678'. R/U POWER SWIVEL.  
 KI AIR. EST CIRC W/ AIR/FOAM UNIT. WITH 1350 CFM & 13 BBL/HR WATER. 1 GAL/HR SOAP & 1.5 GAL/HR INHIBITOR. **MILL PLUG #4 (CIBP) AT 4678'**.  
 CIRCULATE WELL CLEAN. PUMP SWEEPS. PU 2 JTS W/ SWIVEL. KILL TBG RACK BACK POWER SWIVEL.  
 TALLY AND PU TBG AND TAG FILL @ 5227'. RU POWER SWIVEL. ATTEMPT TO BREAK CIRCULATION. REPORT RESULTS TO ENGINEER. BD WELL. KILL TBG. RD SWIVEL.  
 TOOH W/ TBG. LD DRILL COLLARS AND MILLING ASSEMBLY. TALLY AND PU BHA. START TIH W/ PRODUCTION TUBING. LEAVE EOT @ 1500'.  
 SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN. CREW TRAVELED HOME.

Report Number 10	Report Start Date 4/9/2025	Report End Date 4/9/2025
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Operation

GATHER RIG SUPPLIES, TRAVEL TO WELLSITE  
 PRE JOB SAFETY MEETING, DISCUSS HANDLING PIPE WHILE PICKING UP AND TRIPING, RECORD WELLHEAD PRESSURES,  
 BRADENHEAD 0 PSI,  
 INTERMEDIATE CASING 0 PSI,  
 PRODUCTION CASING 180 PSI,  
 TUBING 0 PSI,  
 BD WELL 30 MIN  
 PU NEW BHA AND TIH W/ PRODUCTION TBG. INSTALL HANGER AND LAND WELL.  
 LAND WELL AS FOLLOWS:  
 HANGER  
 1 - 2-3/8 J-55 4.7# YELLOW BAND TBG (31.62')  
 2 - 2-3/8 j-55 4.7# PUP JTS (6',10')  
**163 - 2-3/8 J-55 4.7# YELLOW BAND TBG (5108.97')**  
 1 - 2-3/8 SEATING NIPPLE (1.78" ID)  
 1 - 2-3/8 PRICE TYPE OEMA W/ 3/8 WEEP HOLE (31.30')  
 KB - 12'  
**EOT - 5201.99'**  
 SN - 5169.59'  
**PBTD - 5239'**  
 RD FLOOR AND TONGS. ND BOP. NU WELLHEAD. INSTALL ROD SURFACE EQUIP.  
 PICK UP ROD PUMP, PRIME WITH WATER, RUN PUMP  
 1" X 8' DIP TUBE  
 2" X 1-1/4" X 11' X 15' RHAC-Z HVR) (HIL#1154)  
 1' LIFT SUB,  
 8' GUIDED ROD,  
 21K SHEAR TOOL,  
 9 X 1-1/4" SINKER BARS,  
 196 3/4" SLICK RODS  
 22' 1-1/4" POLISH ROD  
 FIND TAG, SPACE OUT, LOAD TBG W/ FRESH WATER, STROKE TEST W/ RIG, CLAMP OFF RODS,  
 RD RIG AND EQUIP. **RIG RELEASED** TO THE MOORE LS 7A. CREW TRAVELED HOME. JOB COMPLETE.

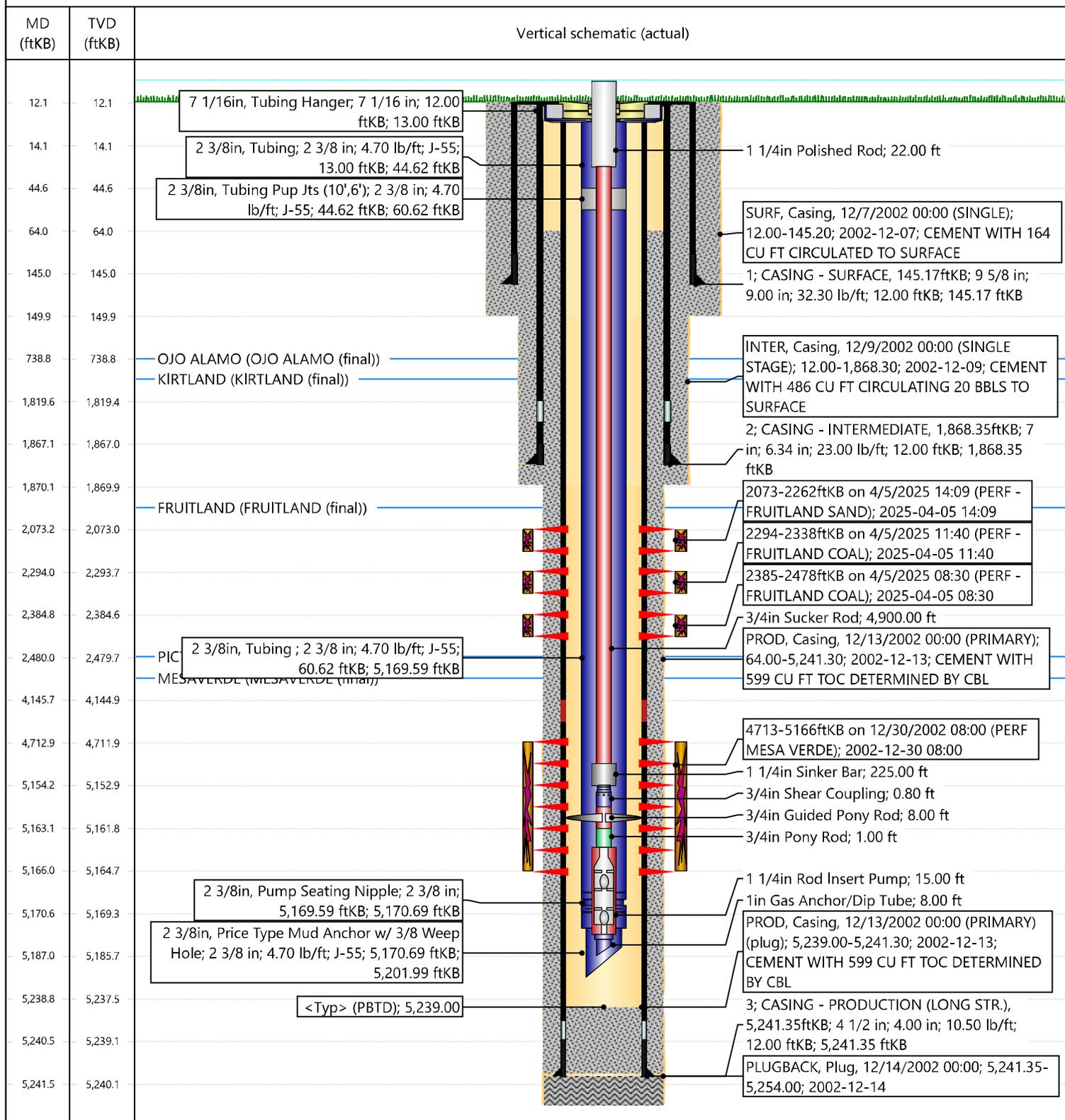


### Current Schematic - Version 3

Well Name: HUBBARD #3B

API / UWI 3004530976	Surface Legal Location 015-032N-012W-C	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 0106	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,102.00	Original KB/RT Elevation (ft) 6,114.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 4/9/2025 11:00	Set Depth (ftKB) 5,201.99	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 12/7/2002 01:00

### Original Hole [Vertical]





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 31-MARCH-2025 Operator HILLCOOP API # 30-045-30974

Property Name HUBBARD Well # 303 Location: Unit C Sec 15 Twn 32 Rge 12

Land Type:

State \_\_\_\_\_  
Federal \_\_\_\_\_  
Private  \_\_\_\_\_  
Indian \_\_\_\_\_

Well Type:

Water Injection \_\_\_\_\_  
Salt Water Disposal \_\_\_\_\_  
Gas Injection \_\_\_\_\_  
Producing Oil/Gas  \_\_\_\_\_  
Pressure observation \_\_\_\_\_

Temporarily Abandoned Well (Y/N): \_\_\_\_\_ TA Expires: \_\_\_\_\_

Casing Pres. \_\_\_\_\_ Tbg. SI Pres. \_\_\_\_\_ Max. Inj. Pres. \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_ Tbg. Inj. Pres. \_\_\_\_\_  
Tubing Pres. \_\_\_\_\_  
Int. Casing Pres. \_\_\_\_\_

Pressured annulus up to \_\_\_\_\_ psi. for \_\_\_\_\_ mins. Test passed/failed

REMARKS: TESTED FROM 4678 TO SURFACE  
1000 PSI SPRING, 60 MINUTE CLOCK  
THE CASING WAS PRESSURED UP TO 560 PSI AND PRESSURE  
HELD FOR THE ENTIRE TEST

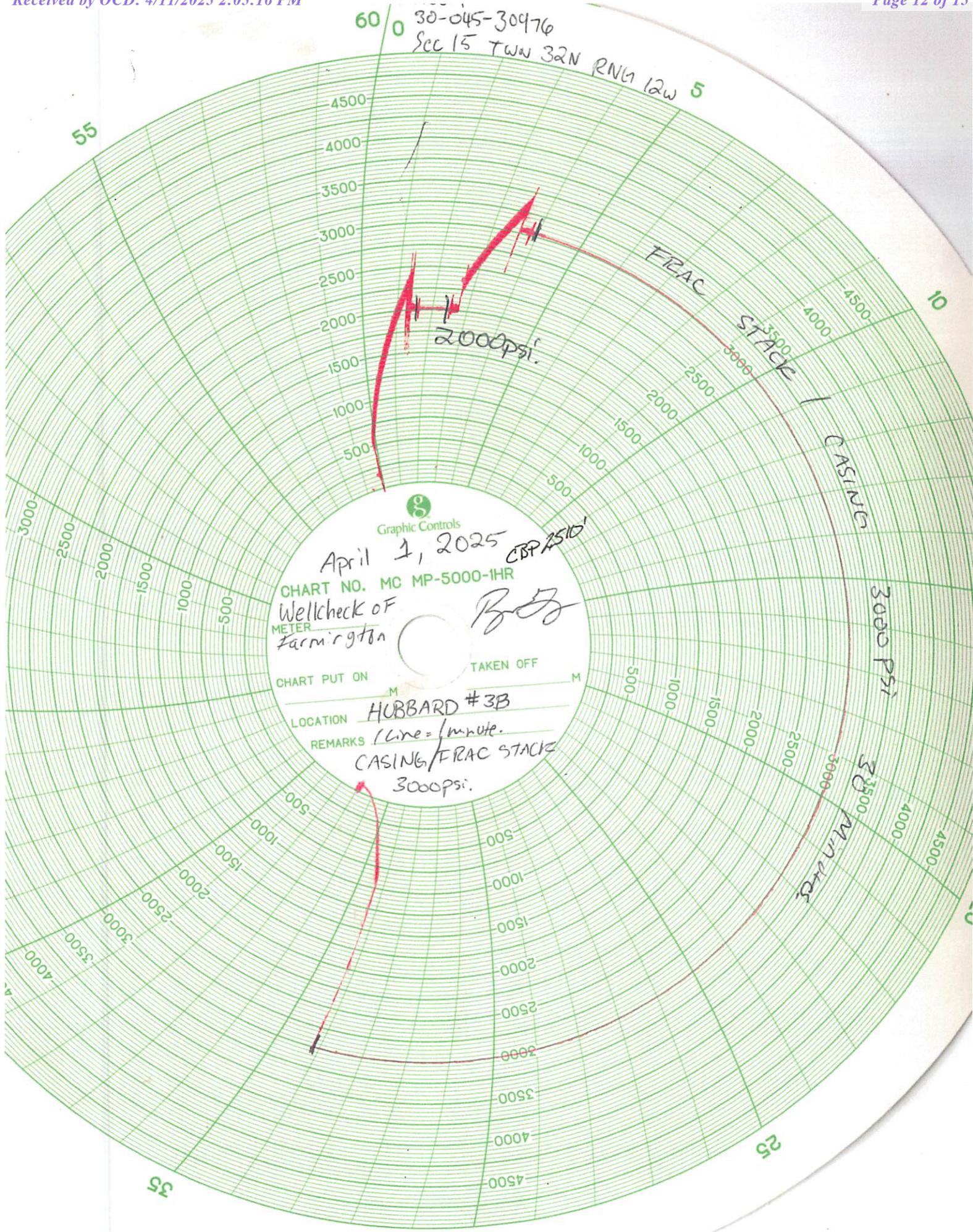
By [Signature]  
(Operator Representative)

Witness [Signature]  
(NMOCD)

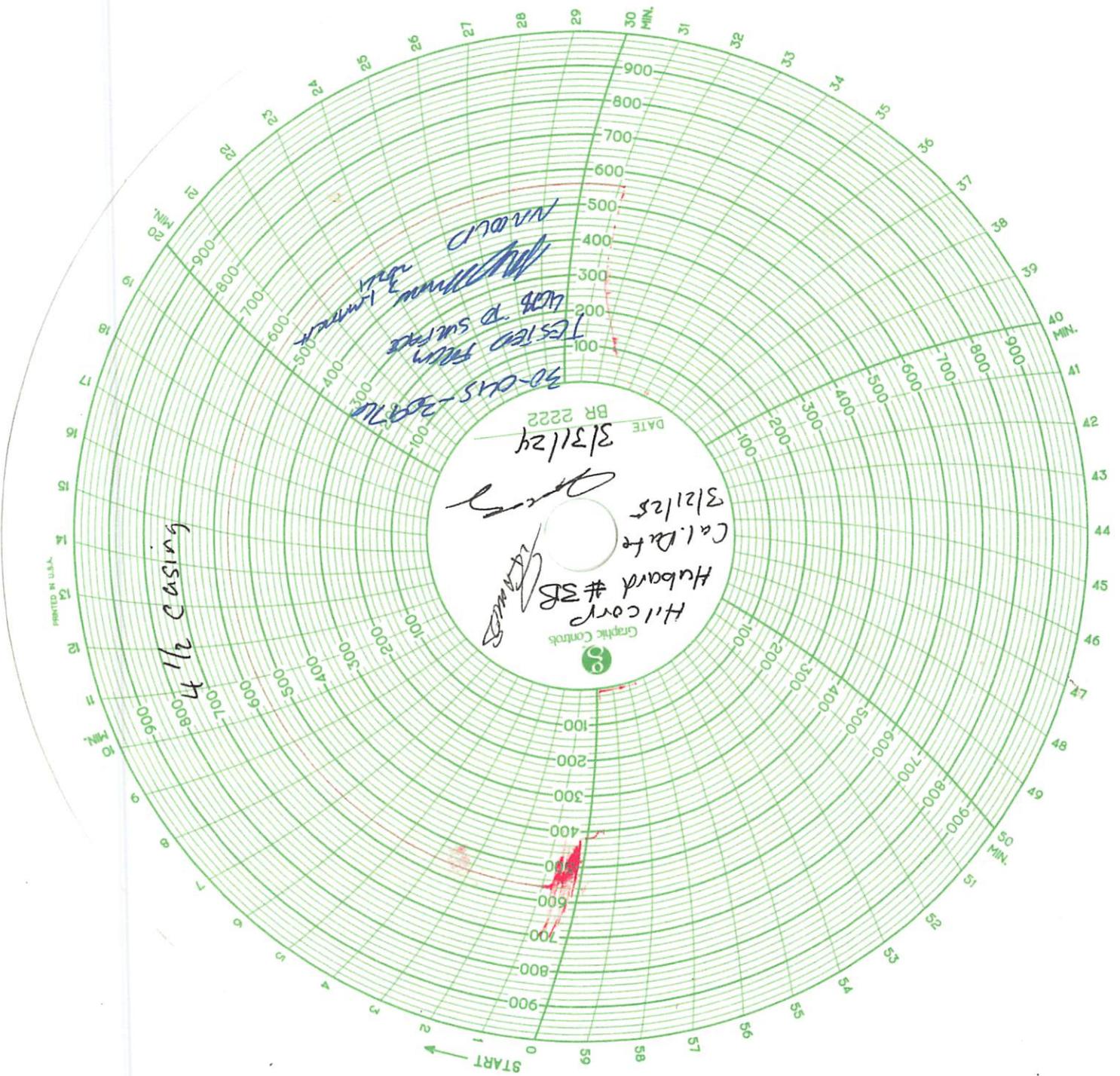
(Position)

Revised 02-11-02

30-045-30976  
Sec 15 TWW 32N Rm 12w 5



Graphic Controls  
 April 1, 2025 CBP ASIO  
 CHART NO. MC MP-5000-1HR  
 Wellcheck of Farmington  
 METER  
 CHART PUT ON M TAKEN OFF M  
 LOCATION HUBBARD #3B  
 REMARKS (Line = 1 minute.  
 CASING / FRAC STACK  
 3000psi.



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**

ACKNOWLEDGMENTS

Action 451209

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 451209
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	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.

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

CONDITIONS

Action 451209

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 451209
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	5/1/2025