

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 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: SAN JUAN 28-6 UNIT 48A	Property Code: 318710
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-21872
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	16	028N	006W		1560' South	1740' East	36.65823	-107.46884	RIO ARRIBA

Section 3 – Completion Information

Producing Method Flowing	Ready Date 8/2/2024	Perforations MD 3,182' – 3,413'	Perforations TVD 3,182' – 3,413'
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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): N/A	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. Pending
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 Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 8/19/2024

Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Monday, August 19, 2024 9:39 AM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 28-6 UNIT, Well Number: 48A, Notification of Well Completion Acceptance

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 28-6 UNIT**
- Well Number: **48A**
- US Well Number: **3003921872**
- Well Completion Report Id: **WCR2024081992625**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

FORM APPROVED
 OMB No. 1004-0137
 Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF079192

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
 Other: RECOMPLETE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
San Juan 28-6 Unit 48A

3. Address
382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)
(505) 333-1700

30-039-21872

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit J (NWSE), 1560' FSL & 1740' FEL**
 At top prod. Interval reported below **Same as above**
 At total depth **Same as above**

10. Field and Pool or Exploratory
Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area
Sec. 16, T28N, R06W

12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded
5/12/1979

15. Date T.D. Reached
5/23/1979

16. Date Completed **8/2/2024**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6,590'

18. Total Depth: **6,063'**

19. Plug Back T.D.: **6,046'**

20. Depth Bridge Plug Set: MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" K-55	36#	0	219'	n/a	204 cf			
8 3/4"	7" K-55	20#	0	3,829'	n/a	272 cf			
	4 1/2" K-55	10.5#	3,668'	6,063'	n/a	421 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	4,511'							

25. Producing Intervals

Formation	Top	Bottom
A) Fruitland Coal	3,182'	3,342'
B) Fruitland Coal	3,379'	3,380'
C) Fruitland Coal	3,392'	3,413'
D)		
TOTAL		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
1 SPF	0.33"	58	open
1 SPF	0.35"	1	open
1 SPF	0.35"	21	open
		80	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
3182-3342	BDW w/water & 500 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 34,524 gal slickwater, 82,873# sand & 1.28M SCF N2
3379-3413	BDW w/water & 500 gal 15% HCl. Frac @ 43 bpm w/ 70Q N2 foam, 14,532 gal slickwater, 27,760# sand & .53M SCF N2

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/2/2024	8/2/2024	4	➔	0	119	0	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64"	0 psi	75 psi	➔	0	119	0	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			➔						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo		3105'	White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland	3,105'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3,105'
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		5113'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	5,113'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	5,113'
Menefee		5644'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,644'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,644'
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a standalone Fruitland Coal pending DHC approval.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Cherylene Weston Title Operations/Regulatory Technician
 Signature Cherylene Weston Date 8/16/2024

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 16 / NWSE / 36.658234 / -107.468842	County or Parish/State: RIO ARRIBA / NM
Well Number: 48A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079192	Unit or CA Name: SAN JUAN 28-6 UNIT--MV	Unit or CA Number: NMNM78412A
US Well Number: 3003921872	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2806156

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 08/09/2024

Time Sundry Submitted: 08:31

Date Operation Actually Began: 07/03/2024

Actual Procedure: The subject well was recompleted into the Fruitland Coal formation. See the attached reports.

SR Attachments

Actual Procedure

San_Juan_28_6_Unit_48A_RC_Sundry_20240809082534.pdf

Well Name: SAN JUAN 28-6 UNIT

Well Location: T28N / R6W / SEC 16 /
NWSE / 36.658234 / -107.468842

County or Parish/State: RIO
ARRIBA / NM

Well Number: 48A

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF079192

Unit or CA Name: SAN JUAN 28-6
UNIT--MV

Unit or CA Number:
NMNM78412A

US Well Number: 3003921872

Operator: HILCORP ENERGY
COMPANY

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: CHERYLENE WESTON

Signed on: AUG 09, 2024 08:25 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: CWESTON@HILCORP.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 08/19/2024

Signature: Kenneth Rennick



Well Operations Summary L48

Well Name: SAN JUAN 28-6 UNIT #48A

API: 3003921872	Field: BLANCO MESAVERDE (PRORATED GAS)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: DWS 28

Jobs

Actual Start Date: 7/3/2024 **End Date:**

Report Number	Report Start Date	Report End Date
1	7/3/2024	7/3/2024

Operation

TRAVEL TO SAN JUAN 28-4 UNIT #9.
 LOAD EQUIP. RIG MOVE SAFETY MEETING. MOB RIG & EQUIP TO SAN JUAN 28-6 #48A (25 MILE MOVE). 4 RIG UP TRUCKS.
 MIRU RIG & EQUIP. R/U FLOOR AND TUBING HANDLING EQUIPMENT.
 PJSM. SICP- 65 PSI, SITP- 65 PSI, SIBHP- 0 PSI. BDW IN 15 MIN.
 N/D WELLHEAD AND N/U BOP.
 PULL HANGER TO RIG FLOOR AND REMOVE. TUBING WEIGHT OF 30K. MIRU TUBOSCOPE PIPE SCANNERS. WAIT ON TBG FLOAT, TOO H W/ TUBING WHILE SCANNING.
 SCANNED TUBING AS FOLLOWS,
 0- YELLOW
 8- BLUE
 47- GREEN
 135- RED
 190 TOTAL JOINTS. DOWNGRADED 190 JOINTS DUE TO CORROSION. RDMO SCANNERS
 SIW, SECURE LOCATION, SDFN.
 CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
2	7/8/2024	7/8/2024

Operation

CREW TRAVEL TO LOCATION
 HELD PJSM, CREW CHECK PRESSURE CSG (50 PSI), TBG (0 PSI) BDW 5 MIN.
 SWAP OUT FLOATS, TALLY AND TIH W/TBG TO 3,668'. TOO H, L/D 7" SCRAPER. M/U 3-3/4" STRING MILL. DUE SCRAPER RUN, TALLY AND TIH W/TBG TO 5,062'. TOO H, L/D SCRAPER.
PUMU, 4.5 CIBP TO SET @ 5039'
 LOAD HOLE W/ 155 BBL, PRESSURE TEST 600PSI (GOOD)
 TOO H, LD SETTING TOOL,
 SHUTDOWN, SECURE WELL, DEBRIEF CREW

Report Number	Report Start Date	Report End Date
3	7/9/2024	7/9/2024

Operation

CREW TRAVEL TO LOCATION
 HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI)
 RU BASIN WIRELINE **RUN CBL, FROM 5039' TO SURFACE**, RD WIRELINE.
 RU WELLCHECK, **RUN MIT, GOOD TEST (600PSI) WITNESSED BY JOHN DURUMN W/ NMOCD**
 ND BOP ND 2K WH, NU 3K WELL HEAD,
 NU 3K WELL HEAD, PT 2500K, GOOD TEST, NU BOP FUNCTION TEST, TIH, LD TBG,
 SHUTDOWN SECURE WELL DEBRIEF CREW
 CREW TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
4	7/10/2024	7/10/2024

Operation

CREW TRAVEL TO LOCATION
 HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI)
 RU BASIN WIRELINE, TIH **SET CBP @3550'**, RUMU PERF GUNS. RIH **PERF FRC 3379' TO 3380' (1 HOLE) & 3392' TO 3413' 0.35" DIA, 1 SPF (21 HOLES)**, LD GUNS, PU **FRAC BAFFLE TIH SET @ 3360'**, RD WIRELINE.
 STRAP, DRIFT AND PU 3 1/2" 9.3# N-80 FRAC STRING AND LAND AS FOLLOWS: TUBING HANGER (.76) 1 - 3-1/2" N-80 TUBING PUP JT (10.00') 94 - 3-1/2" N-80 YELLOW BAND TUBING (3,108.14') 1 - 7" X 3 1/2" AS1-X 10K FRAC PACKER (8.00') 1 - DUAL DISK SUB (1.70') PBDT - 6046.00' EOT - 3108.14' KB - 10' PACK OFF PULLED 35K OVER LAND W/22K ON PACKER. INSTALL 2 WAY CHECK.
 RD RIG FLOOR. ND BOP. NU FRACK VALVE. TEST BS HELD 560# 11 MIN. TEST VOID ON HANGER 350 LOW 5 MIN. 2500# HIGH 15 MIN.
 RU WELLCHECK. PULL 2 WAY CHECK. PRESSURE TEST 3 1/2" FRAC STING 8000# F/30 MIN. DROPPED 1000PSI IN 10 MINUTES NOTIFIED HILCORP ENGINEER, ND FRAC STAC, NU BOP, FLOOR,
 SISW. DEBRIEFED CREW. SDFN.
 CREW TRAVELED TO YARD

Report Number	Report Start Date	Report End Date
5	7/11/2024	7/11/2024

Operation

CREW TRAVEL TO LOCATION.
 PJSM, CK PRESSURES. SITP- 0 PSI. SICP- 0 PSI. SIBHP 0 PSI.
 M/U TBG PUP ONTO TBG HANGER. R/U SLICKLINE, RIH WITH 1.75" SPEAR AND BURST DISK @3106'. POOH WITH SPEAR. R/D SLICKLINE.
 UNSET 7" PACKER, TOO H WITH 95 JNTS OF 3 1/2" N-80, AS1X PACKER AND DUAL DISK SUB.(PACKER STILL GOOD).



Well Operations Summary L48

Well Name: SAN JUAN 28-6 UNIT #48A

API: 3003921872

Field: BLANCO MESAVERDE (PRORATED GAS) State: NEW MEXICO

Sundry #:

Rig/Service: DWS 28

Operation

R/U WELLCHECK HYDROTESTERS, MU AS1X PACKER WITH WIRELINE RE ENTRY TIH WITH 3 1/2" 9.3# N-80 FRAC STRING HYDROTESTING TO 8K, SPACE OUT, SET PACKER(PACK OFF PULLED 35K OVER LAND W/22K ON PACKER). R/D HYDROTESTERS. PRESSURE TEST CASING TO 500 PSI FOR 15 MIN. GOOD TEST, PUMP DOWN FRAC STRING, NO COMMUNICATION WITH BACKSIDE.

LAND FRAC STRING AS FOLLOWS:

- (1) - 4 1/2" WIRELINE RE ENTRY (.59')
- (1)- 7" AS-1X PACKER (8.00')
- (1) - 3-1/2" N-80 YELLOW BAND TUBING (33.02)
- (1) - 3 1/2" 9.3# N-80 TUBING PUP JT (2.02')
- (94) - 3 1/2" 9.3# N-80 YELLOW BAND TUBING (3044.67)
- (1) - 3-1/2" N-80 TUBING PUP JT (10.00')
- (1)- 7 1/16" X 10K TUBING HANGER (.75')

EOT @ 3107.05'.

PBTD @ 6046.00'.

INSTALL 2 WAY CHECK. R/D RIG FLOOR. N/D BOP. N/U FRACK STACK. TEST VOID ON HANGER 2500 PSI. GOOD TEST. PRESSURE TEST FRAC STACK TO 9300 PSI. GOOD TEST. PULL 2 WAY CHECK.

R/D RIG AND PREP TO MOVE.

SISW. DEBRIEFED CREW. SDFN.

CREW TRVEL TO YARD.

Report Number 6	Report Start Date 7/26/2024	Report End Date 7/26/2024
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Operation

RIG UP FRAC AND WIRELINE CREWS. PRIME. COOL DOWN. TEST. SAFETY MEETING. PUT 500 PSI ON FRAC STRING ANNULUS.

FRAC STAGE 1: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. FOAM FRAC'D FRUITLAND COAL WITH 2,536 LBS OF 100 MESH AND 25,224 LBS 20/40 ARIZONA SAND, 14,532 GAL SLICKWATER AND 0.53 MILLION SCF N2. 70 QUALITY. AVG RATE = 43.6 BPM, AVG PSI = 3,929. ISIP WAS 1,112 PSI (640 PSI IN 5 MINUTES). 100% OF SAND PUMPED. HAD TO DROP RATE DUE TO HIGH PRESSURE TREND.

DROP BALL ON FRAC BAFFLE. CHECK FOR BALL ACTION. RIH AND **PERFORATE STAGE 2 FRUITLAND COAL @ 3182' - 3342' (58 HOLES)**

COOL DOWN AND TEST. **FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. FOAM FRAC'D FRUITLAND COAL WITH 7,662 LBS 100 MESH AND 75,211 LBS 20/40 ARIZONA SAND, 34,524 GAL SLICKWATER AND 1.28 MILLION SCF N2. 70 QUALITY. AVG RATE = 50.3 BPM, AVG PSI = 3,230. ISIP WAS 1,380 PSI (1,206 PSI IN 5 MINUTES). PUMPED THREE 27,500 LB SAND RAMPS AND DROPPED 20/18 7/8" RCN BALLS IN BETWEEN RAMPS.**

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 1,192 BBLS (INCLUDING 24 BBLS OF ACID). TOTAL SAND = 110,633 LBS. TOTAL N2 = 1.81 MILLION SCF.

Report Number 7	Report Start Date 7/27/2024	Report End Date 7/27/2024
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Operation

RIG CREW TRAVEL TO THE SAN JUAN 29-6 UNIT # 45A

PJSM LOAD EQUIP. ROAD RIG & MOVE EQUIP. FROM. THE SAN JUAN 29-6 UNIT # 45A TO THE SAN JUAN 28-6 UNIT #48A (14.5 MILES)

PJSM SPOT EQUIP. SPOT RIG, RIG UP PULLING UNIT AND EQUIP. CK. PRESSURES.

SITP = 1500 PSI.

SICP = 0 PSI.

SIBHP = 0 PSI.

RIG UP BIG RED, BLEED DOWN & MONITOR WELL W/ BIG RED. FOR 5 HRS. TO 200 PSI. RIG DOWN BIG RED.

SITP = 1500 PSI.

SICP = 0 PSI.

SIBHP = 0 PSI.

BLEED DOWN WELL 5 HRS.

PUMP 30 BBLS OF FRESH WATER DOWN 3.5 TBG. INSTALL 2-WAY CK. IN TBG HGR. ND FRAC STK. NUBOP RUFLR & EQUIP.

PRESSURE TEST BOP BLIND RAMS 250 PSI LOW AND 2500 PSI HIGH. REL. PRESS. PU 3.5 PUP JT. PT. PIPE RAMS 250 PSI LOW AND 2500 PSI HIGH. REL. PRESS.

RELEASE PACKER, PULL TUBING HANGER UP TO FLOOR. LAY DOWN 8' PUP JT.

LUBRICATE BPV OUT. (600 PSI) ON TBG. PUMP 30 BBLS KILL DOWN TBG. LAY DOWN TBG. HANGER & 3.5 X 10' PUP JT.

SECURE WELL, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFD

RIG CREW TRAVEL TO YARD

Report Number 8	Report Start Date 7/28/2024	Report End Date 7/28/2024
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Operation

RIG CREW TRAVEL TO LOCATION



Well Operations Summary L48

Well Name: SAN JUAN 28-6 UNIT #48A

API: 3003921872

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 28

Operation

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES

SITP= 350 PSI.
SICP= 100 PSI.
SIBHP= 0 PSI.
BLEED DOWN WELL 10 MINUTES

PUMP 30 BBLS. OF FRESH WATER DOWN TBG. TRIP OUT OF HOLE LAYING DOWN 3.5, 9.3#, L-80 TUBING, AS FOLLOWS

(94) JTS OF 3.5, 9.3#, L-80 TBG.

(1) 3.5 PUP JT.

(1) JT. OF 3.5, 9.3#, L-80 TBG.

(1) 7" AS1-X, 10K PKR.

(1) DUAL DISK 10K SUB.

PUMPED 40 BBLS WHILE TOOH

CHANGE OUT PIPE RAMS & EQUIP. TO 2-3/8, CHANGE OUT TBG. TRAILERS, PU 6-1/4" JUNK MILL, BIT SUB & FLAPPER, TALLY & PU. 2-3/8 TBG TAGGED SAND @ 3350' FRAC THRU PLUG @ 3360' LAY DOWN TAG JT. PU & RU PWR SWVL MAKE CONN.

UN-LOAD WELL W/AIR, ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM

WITH 12 BBLS WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND F/ 3350 TO 3360'. WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO 1/4 CUP PER SAMPLE.

DRILL OUT PUMP THRU PLUG AT 3360' KO AIR/MIST MAKE CONNECTIONS W/ PWR SWVL TAGGED UP AGAIN @ 3508', CBP @ 3550' ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM

WITH 12 BBLS WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND FROM 3508 TO 3550' TOP OF CBP WELL MAKING UP TO 1/2 BUCKET OF SAND DOWN TO 1/4 CUP PER SAMPLE. KO AIR & MIST

LAY DOWN 1 JT. W/ PWR. SWVL. RIG DOWN & HANG BACK SWVL., TOOH W/ 6 STDS. OF 2-3/8 TBG TO 3137'

SECURE WELL, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFD

RIG CREW TRAVEL TO YARD

Report Number

9

Report Start Date

7/29/2024

Report End Date

7/29/2024

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES

SITP= 0 PSI.
SICP= 550 PSI.
SIBHP= 0 PSI.
BLEED DOWN WELL 12 MINUTES

TIH W/ 6 STDS. OF 2-3/8" TBG. PU PWR SWVL. MAKE CONN. TAG UP @ 3540'

UN-LOAD WELL W/AIR, ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 12 BBLS WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND F/ 3540 TO 3550'. WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO 1/4 CUP PER SAMPLE. **DRILL OUT CBP AT 3550'** KO AIR/MIST.

MAKE CONN. WITH PWR SWVL RUN DOWN TO 3581'

LD 1 JT. W/ PWR. SWVL. HANG SWVL BACK, TOOH W/ 56 STDS. OF 2-3/8" TBG. LD.

6-1/4" JUNK MILL

PU 3-7/8 JUNK MILL TIH W/ 56 STDS. OF 2-3/8" TBG. PU 4 JTS. TAG UP @ 3668' LINER TOP. UNABLE TO GET THRU LD TAG JT. PU PWR. SWVL. MAKE CONN.

ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 12 BBLS WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. ATTEMPT TO MILL THRU PLUG PARTS ON TOP OF LINER @ 3668', VERY LITTLE PROGRESS, KO AIR/MIST

LD 1 JT. W/ PWR. SWVL. HANG SWVL BACK, LD 1 MORE JT. TOOH W/ 57 STDS. OF 2-3/8" TBG. LD 3-7/8" JUNK MILL

PU 2-3/8" MULE SHOE COLLAR TIH W/ 57 STDS. OF 2-3/8" TBG. PU 2 JTS. TAGGED UP @ 3668' UNABLE TO GET THRU LINER TOP

LD 2 JTS. TOOH W/ 57 STDS. OF 2-3/8 TBG. LD MULE SHOE COLLAR

SECURE WELL, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFD

RIG CREW TRAVEL TO YARD

Report Number

10

Report Start Date

7/30/2024

Report End Date

7/30/2024

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES

SITP= 0 PSI.
SICP= 240 PSI.
SIBHP= 0 PSI.
BLEED DOWN WELL 10 MINUTES

PU 3-7/8" JUNK MILL TIH W/ 57 STDS. OF 2-3/8" TBG. PU 1 JT. PU PWR SWVL. MAKE CONN. TAG UP @ 3668' TOP OF LINER



Well Operations Summary L48

Well Name: SAN JUAN 28-6 UNIT #48A

API: 3003921872

Field: BLANCO MESAVERDE (PRORATED GAS) State: NEW MEXICO

Sundry #:

Rig/Service: DWS 28

Operation

UN-LOAD WELL W/AIR, ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 12 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. CONTINUE MILLING OUT PLUG PARTS ON TOP OF LINER @3668' DROP DOWN TO 3675' KO AIR/MIST MAKE CONN. W/ PWR.SWVL DROP DOWN TO 3708'. RD & HANG BACK PWR. SWVL. PU 2-3/8" TBG. TO 4150'.

SAFETY MEETING WITH HILCORP SAFETY PERSONNEL, JAMES CORDOVA, RAMON QUINTERO, PAUL KELLOFF AND DRAKE SAFETY PERSONNEL JOSH JONES

TALLY AND PU UP TBG. TAGGED UP @5014' CIBP @ 5039'. LD TAG JT. PU PWR SWVL MAKE CONNECTION

UN-LOAD WELL W/AIR, ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 12 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND F/ 5014' TO TOP OF CIBP @ 5039' CIRC WELL CLEAN

LD 1 JT W/ PWR SWVL RD & RACK BACK PWR SWVL. LD 19 MORE JTS. OF 2-3/8" TBG. TOOH W/ 70 STDS. OF 2-3/8" TBG. LD 3-7/8" JUNK MILL.

TRIP IN HOLE WITH 2-3/8" PROD. TBG. STRG. AS FOLLOWS.

- (1) 2-3/8 X .65, BULL PLUG.
- (1) 2-3/8 X 10', PUP JT.
- (1) 2-3/8 X 32.35, MUD ANCHOR.
- (1) 2-3/8 X 1.10 X 1.78 ID SN.
- (1) JT. OF 2-3/8 TBG., 31.40.
- (1) 2-3/8 X 2.02. PUP JT.
- (140) JTS. OF 2-3/8 TBG., 4423.02.
- (1) 2-3/8 X .70 X 7" OD TBG. HGR.

LAND TBG. WITH 10' KB @ 4511.34'

SECURE WELL, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFD

RIG CREW TRAVEL TO YARD

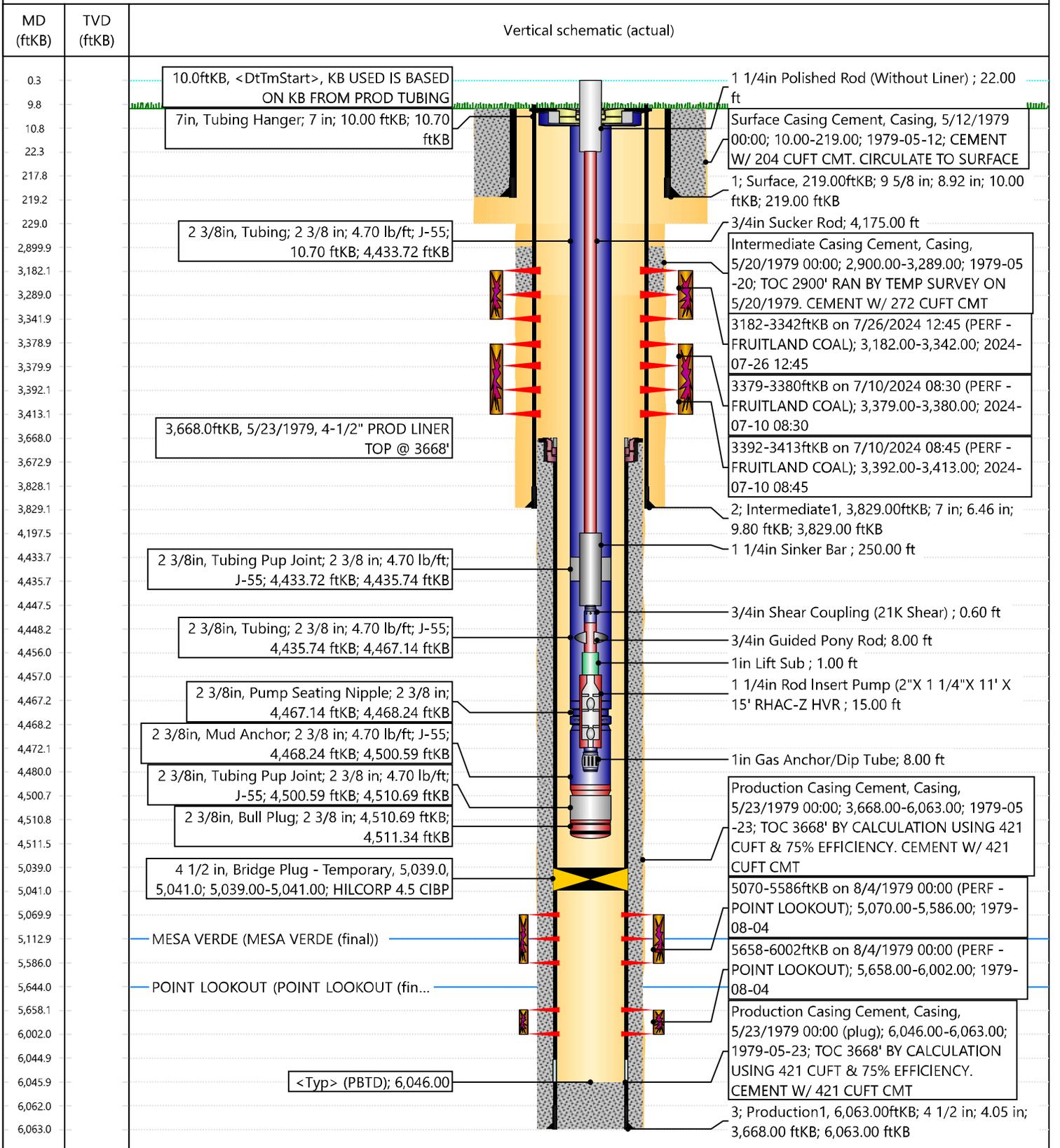


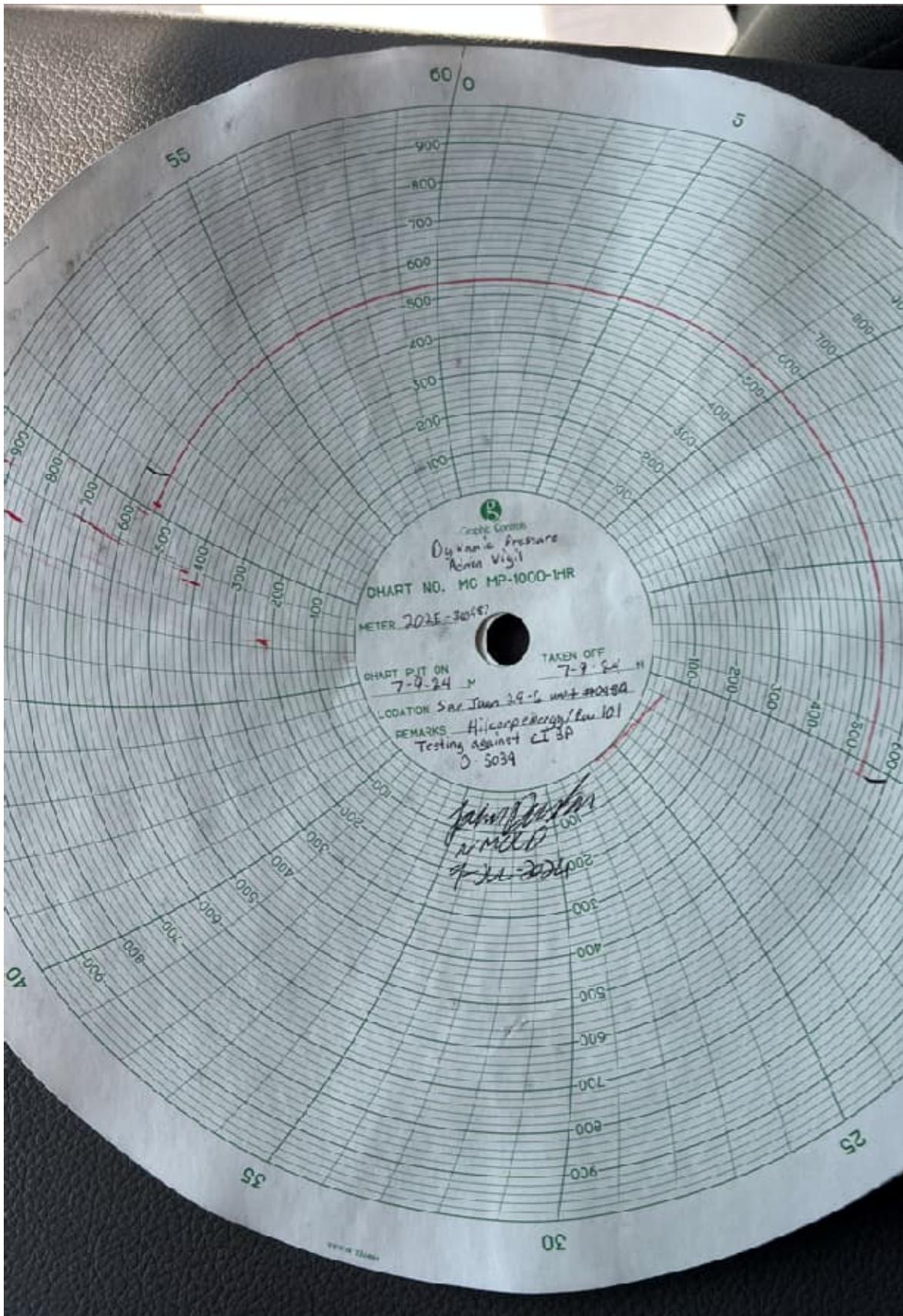
Current Schematic - Version 3

Well Name: SAN JUAN 28-6 UNIT #48A

API / UWI 3003921872	Surface Legal Location 016-028N-006W-J	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 1303	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,590.00	Original KB/RT Elevation (ft) 6,600.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole [VERTICAL]





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

ACKNOWLEDGMENTS

Action 377547

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 377547
	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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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 377547

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 377547
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	8/26/2024