

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		<sup>2</sup> OGRID Number 372171
		<sup>3</sup> Reason for Filing Code/ Effective Date RC
<sup>4</sup> API Number 30-039-21622	<sup>5</sup> Pool Name Basin Fruitland Coal	<sup>6</sup> Pool Code 71629
<sup>7</sup> Property Code 318713	<sup>8</sup> Property Name SAN JUAN 29-7 UNIT	<sup>9</sup> Well Number 82A

II. <sup>10</sup> Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
O	04	029N	007W		890	South	1630	East	Rio Arriba

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
									Choose an item.
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

<sup>21</sup> Spud Date 5/1/1978	<sup>22</sup> Ready Date 5/28/2024	<sup>23</sup> TD 5,651'	<sup>24</sup> PBTD 5,633'	<sup>25</sup> Perforations 2962' – 3,022'	<sup>26</sup> DHC, MC DHC-5385
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
13 3/4"	9 5/8" K-55, 36#	226'	224 cf		
8 3/4"	7" K-55, 20#	3,350'	309 cf		
“	4 1/2" K-55, 10.5#	3,158' – 5,651'	431 cf		
	2 3/8" J-55, 4.7#	5595'			

V. Well Test Data

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 5/28/2024	<sup>33</sup> Test Date 5/28/2024	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure 300 psi	<sup>36</sup> Csg. Pressure 90 psi
<sup>37</sup> Choke Size 26/64"	<sup>38</sup> Oil 0 bbl	<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 231 mcf		<sup>41</sup> Test Method

<div><div><div><div><div>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.</div><div>Signature:</div><div>Cherylene Weston</div></div><div><div>Printed name:</div><div>Cherylene Weston</div></div><div><div>Title:</div><div>Operations Regulatory Tech Sr.</div></div><div><div>E-mail Address:</div><div>cweston@hilcorp.com</div></div><div><div>Date:</div><div>6/10/2024</div></div><div><div>Phone:</div><div>713-289-2615</div></div></div></div></div>	<div>OIL CONSERVATION DIVISION</div> <div>Approved by: <i>PATRICIA MARTINEZ</i></div> <div>Title: <i>PETROLEUM SPECIALIST</i></div> <div>Approval Date: <i>6/14/2024</i></div>
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District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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<sup>1</sup> Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		<sup>2</sup> OGRID Number 372171
		<sup>3</sup> Reason for Filing Code/ Effective Date RC
<sup>4</sup> API Number 30-039-21622	<sup>5</sup> Pool Name Blanco Pictured Cliffs	<sup>6</sup> Pool Code 72359
<sup>7</sup> Property Code 318713	<sup>8</sup> Property Name SAN JUAN 29-7 UNIT	<sup>9</sup> Well Number 82A

II. <sup>10</sup> Surface Location

UI or lot no. O	Section 04	Township 029N	Range 007W	Lot Idn	Feet from the 890	North/South Line South	Feet from the 1630	East/West Line East	County Rio Arriba
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<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
13 3/4"		9 5/8" K-55, 36#		226'	
8 3/4"		7" K-55, 20#		3,350'	
"		4 1/2" K-55, 10.5#		3,158' – 5,651'	
		2 3/8" J-55, 4.7#		5,595'	

V. Well Test Data

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<sup>42</sup> 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. Signature: Cherylene Weston		OIL CONSERVATION DIVISION Approved by: PATRICIA MARTINEZ	
Printed name: Cherylene Weston		Title: PETROLEUM SPECIALIST	
Title: Operations Regulatory Tech Sr.		Approval Date: 6/14/2024	
E-mail Address: cweston@hilcorp.com			
Date: 6/10/2024	Phone: 713-289-2615		

<b>Well Name:</b> SAN JUAN 29-7 UNIT	<b>Well Location:</b> T29N / R7W / SEC 4 / SWSE / 36.750443 / -107.572739	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 82A	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078919	<b>Unit or CA Name:</b> SAN JUAN 29-7 UNIT--MV	<b>Unit or CA Number:</b> NMNM78417A
<b>US Well Number:</b> 3003921622	<b>Operator:</b> HILCORP ENERGY COMPANY	

### Subsequent Report

**Sundry ID:** 2793051

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 05/30/2024

**Time Sundry Submitted:** 02:03

**Date Operation Actually Began:** 04/26/2024

**Actual Procedure:** The subject well was recompleted into the Fruitland Coal and Pictured Cliffs. Please see attached reports.

### SR Attachments

#### Actual Procedure

SJ\_29\_7\_Unit\_82A\_RC\_Sundry\_Report\_20240530140157.pdf

**Well Name:** SAN JUAN 29-7 UNIT

**Well Location:** T29N / R7W / SEC 4 /  
SWSE / 36.750443 / -107.572739

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 82A

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078919

**Unit or CA Name:** SAN JUAN 29-7  
UNIT--MV

**Unit or CA Number:**  
NMNM78417A

**US Well Number:** 3003921622

**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:** MAY 30, 2024 02:02 PM

**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:** 06/04/2024

**Signature:** Kenneth Rennick

<div><div>Hilcorp Energy Company</div><div>Well Operations Summary L48</div></div>		
Well Name: SAN JUAN 29-7 UNIT #82A		
<div>API: 3003921622Field: BLANCO MESAVERDE (PRORATED GAS)State: NEW MEXICO</div> <div>Permit to Drill (PTD) #:Sundry #:Rig/Service: BWD 102</div>		
Jobs		
<div>Actual Start Date: 4/26/2024End Date:</div>		
Report Number 1	Report Start Date 4/26/2024	Report End Date 4/26/2024
Operation		
TRAVEL TO SAN JUAN 28-4 UNIT #28A.		
LOAD EQUIP. RIG MOVE SAFETY MEETING. MOB RIG & EQUIP TO SAN JUAN 29-7 #82A (23 MILE MOVE). 4 RIG UP TRUCKS.		
MIRU RIG & EQUIP. R/U FLOOR AND TUBING HANDLING EQUIPMENT.		
PJSM. SICP- 66 PSI, SITP- 55 PSI, SIBHP- 0 PSI. BDW IN 15 MIN.		
N/D WELLHEAD AND N/U BOP.		
PULL HANGER TO RIG FLOOR AND REMOVE. TRING WEIGHT OF 26K. MIRU TUBOSCOPE PIPE SCANNERS. TOO H W/ TUBING WHILE SCANNING. SCANNED TUBING AS FOLLOWS, 0- YELLOW 72- BLUE 43- GREEN 63- RED 178 TOTAL JOINTS. DOWNGRADED 178 JOINTS DUE TO CORROSION. RDMO SCANNERS		
M/U 7" STRING MILL. DUE SCRAPPER RUN, TALLY AND TIH W/TBG TO 1440'.		
SIW, SECURE LOCATION, SDFN.		
CREW TRAVEL TO YARD.		
Report Number 2	Report Start Date 4/29/2024	Report End Date 4/29/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (70 PSI), TBG (0 PSI) BDW 5 MIN.		
SWAP OUT FLOATS, TALLY AND TIH W/TBG TO 3,158'. TOO H, L/D 7" SCRAPPER. M/U 3-3/4" STRING MILL. DUE SCRAPPER RUN, TALLY AND TIH W/TBG TO 3,800'. TOO H, L/D SCRAPPER.		
PUMU, 4.5 CIBP, ATTEMPT TO SET @ (3787') FAIL, ATTEMPT NO SUCCESS, TOO H, LD CIBP, PUMU NEW CIBP 4.5, TIH TO (3787) SET.		
LOAD HOLE W/ 130 BBL, PRESSURE TEST 600PSI (GOOD)		
TOOH, LD TUBING 3787', LD SETTING TOOL,		
SHUTDOWN, SECURE WELL, DEBRIEF CREW		
CREW TRAVEL TO YARD		
Report Number 3	Report Start Date 4/30/2024	Report End Date 4/30/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI)		
RU BASIN WIRELINE RUN CBL 3787' TO SURFACE, RD WIRELINE.		
RUN MIT, RU WELLCHECK, FAILED TEST (600PSI) WITNESSED BY JOHN DURUM W/ NMOCD		
ND BOP ND 2K WH, NU 3K WELL HEAD,		
NU 3K WELL HEAD, PT 2500K, GOOD TEST, NU BOP FUNCTION TEST,		
RU WELLCHECK, RUN MIT, FAILED TEST (600PSI)		
SHUTDOWN SECURE WELL DEBRIEF CREW		
CREW TRAVEL TO YARD		
Report Number 4	Report Start Date 5/1/2024	Report End Date 5/1/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.		
PUMU (FULLBORE 7") PACKER, TIH TBG TO(2824') SET, PRESSURE TEST FROM PACKER DOWN (FAIL), PRESSURE BLEED DOWN (20PSI) PER 10 MINUTES, PRESSURE TESTED FROM PACKER UP TO SURFACE (GOOD TEST), (600PSI), RELEASE PACKER, TIH TO (3080'), SET, PRESSURE TEST FROM PACKER DOWN (FAIL), PRESSURE BLEED DOWN (20PSI) PER 10 MINUTES, PRESSURE TESTED FROM PACKER UP TO SURFACE (GOOD TEST),RELEASE PACKER, TOO H LD/ 7" PACKER, PUMU 4.5 (AS1-X), TIH TO (3204), SET, PRESSURE TEST FROM PACKER DOWN (GOOD), PRESSURE TESTED FROM PACKER UP TO SURFACE (FAIL TEST), RELEASE PACKER, TOO H TO (3181), SET, PRESSURE TEST FROM PACKER DOWN (GOOD TEST), PRESSURE TESTED FROM PACKER UP TO SURFACE (FAILED TEST), PRESSURE BLEED DOWN (20PSI) PER 15 MINUTES,RELEASE PACKER, NOTIFIED HILCORP ENGINEER LINER TOP LEAKING, WAIT ON ORDERS. <b>NOTIFIED OCD &amp; BLM OF SQZ PLANS, OBTAINED APPROVAL TO PROCEED.</b>		
SHUTDOWN, SECURE WELL DEBRIEF CREW.		
CREW DROVE TO YARD		
Report Number 5	Report Start Date 5/2/2024	Report End Date 5/2/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.		
RU WIRELINE PERFORATE @ 3330', AND 3179', RD WIRELINE.		
PUMU 4.5 (AS1-X) PACKER, TIH SET @ 3295', RU PUMP, CIRCULATE WELL.		
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Report Printed: 5/28/2024		

<div><div>Well Operations Summary L48</div></div>		
Well Name: SAN JUAN 29-7 UNIT #82A		
API: 3003921622	Field: BLANCO MESAVERDE (PRORATED GAS)	State: NEW MEXICO
	Sundry #:	Rig/Service: BWD 102
Operation		
TOOH LD PACKER, PUMU 4.5 CICR, TIH SET @ 3295'		
RU DRAKE ENERGY CEMENTERS, PUMP CEMENT, 30 SXS 6.1 BBLs,1.15, 15.8#, 5 GAL/SX. 12.3 BBLs DISP, STING OUT OF RETAINER, LD 4 JOINTS REVERSE OUT, 20 BBLs		
TOOH, LD SETTING TOOL, SERVICE RIG,		
SHUTDOWN SECURE WELL		
CREW DROVE TO YARD		
Report Number 6	Report Start Date 5/3/2024	Report End Date 5/3/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.		
RU PUMP, LOAD HOLE PT CSG (600PSI), DROPPED 30PSI IN 3 MIN, NOTIFIED HILCORP ENGINEER, WAIT ON ORDERS,		
TIH TAG CEMENT @ 3170', NOTIFY HILCORP ENGINEER,		
RU DRAKE ENERGY CEMENTERS, PUMP CEMENT, 15 SXS 3 BBLs,1.15, 15.8#, .5 GAL/SX. 11 BBLs DISP, LD 5 JOINTS REVERSE OUT, 18 BBLs @ 3015'		
TOOH, RU CEMENTERS TO WELL HEAD, LOAD HOLE W/4.5 BBLs, PRESSURE UP W/ .5 BBLs TO 632PSI, WAIT 15 MIN, SHUT IN WELL W/ 602PSI.		
SHUTDOWN SECURE WELL		
CREW DROVE TO YARD		
Report Number 7	Report Start Date 5/4/2024	Report End Date 5/4/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.		
(430PSI) ON WELL THIS MORNING, RU PUMP, LOAD HOLE PT CSG (600PSI), 30 MIN, GOOD TEST, NOTIFIED HILCORP ENGINEER,		
TIH TAG CEMENT @ 3112', NOTIFY HILCORP ENGINEER,		
PUMU 6 1/4 BIT, TIH TAG CEMENT 3112', PU POWER SWVL, START DO CMT, DRILL TO 3158' TOP OF LINER, CIRCULATE CLEAN, TOOH, LD 6 1/4, PUMU 3 7/8 BIT, TIH, TAG PU POWER SWVL, DRILL TO 3200', CIRCULATE CLEAN, PT (600PSI) 30 MIN GOOD TEST, CONTINUE DRILL OUT CNMT, TO 3328' CIRCULATE CLEAN, PT (600 PSI) FAILED TEST (1PSI) PER MIN LEAK, 15 PSI PER 5 MIN		
LD 6 JOINTS 20' ABOVE LINER		
SHUTDOWN SECURE WELL		
CREW DROVE TO YARD		
Report Number 8	Report Start Date 5/6/2024	Report End Date 5/6/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.		
TOOH, LD/ BIT, PUMU 4.5 (AS1-X) PACKER, TIH SET @ 3315', TEST (600PSI) CSG. GOOD TEST, RELEASE PACKER TIH SET @3361', TEST CSG (600PSI) BLEED DOWN 1 PSI PER MINUTE, TEST DOWN PACKR GOOD (600PSI), NOTIFIED HILCORP ENGINEER, LEAK WAS AT 3330' PERF.		
TOOH LD/ (AS1-X) PACKER, TIH TO 3355',		
RU DRAKE ENERGY CEMENTERS, PUMP CEMENT, 8 SXS 1 BBL,1.15, 15.8#, .5 GAL/SX. 12 BBLs DISP, LD 6 JOINTS REVERSE OUT, 18 BBLs @ 3195'		
TOOH, RU CEMENTERS TO WELL HEAD, LOAD HOLE W/4.5 BBLs, PRESSURE UP W/ .5 BBLs TO 600PSI, WAIT 15 MIN, SHUT IN WELL W/ 600PSI.		
SHUTDOWN SECURE WELL		
CREW DROVE TO YARD		
Report Number 9	Report Start Date 5/7/2024	Report End Date 5/7/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.		
(480PSI) ON WELL THIS MORNING, RU PUMP, LOAD HOLE PT CSG (600PSI), 30 MIN, GOOD TEST, NOTIFIED HILCORP ENGINEER,		
PUMU 3 7/8 BIT, TIH, TAG @ 3223' PU POWER SWVL, DRILL TO 3360', CIRCULATE CLEAN, PT (600PSI) 30 MIN GOOD TEST, NOTIFIED HILCORP ENGINEER,		
TOOH, LD BIT, RIG UP WIRELINE RAN CBL, RD WIRELINE,		
SHUTDOWN SECURE WELL		
Report Number 10	Report Start Date 5/8/2024	Report End Date 5/8/2024
Operation		
CREW TRAVEL TO LOCATION		
HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI)		
RUN MIT, RU WELLCHECK, GOOD TEST (600PSI) WITNESSED BY THOMAS VERMERSH W/ NMOCD		
TIH, LD TUBING,		
RU BASIN WIRELINE RUN GAUGE RING TO 3158', TIH SET CBP @3120', RUMU PERF GUNS RIH PERF FROM 3094' TO 3032', LD GUNS, PU FRAC BAFFLE TIH SET @ 3026', RD WIRELINE.		
SHUTDOWN SECURE WELL		
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Report Printed: 5/28/2024		

<div><div>Hilcorp Energy Company</div><div>Well Operations Summary L48</div></div>		
Well Name: SAN JUAN 29-7 UNIT #82A		
API: 3003921622Field: BLANCO MESAVERDE (PRORATED GAS)State: NEW MEXICO		
Sundry #:Rig/Service: BWD 102		
Operation		
CREW DROVE TO YARD		
Report Number 11	Report Start Date 5/9/2024	Report End Date 5/9/2024
Operation		
TRAVEL TO LOCATION. (CREW @ YARD 05:00)		
HELD PJSM WITH RIG CREW ON TODAY'S OPERATIONS. BDW. SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI BDW: 0 MIN		
PULL OUT 2.375" TBG FLOAT TO SEND TO TUBOSCOPE F/ FRAC C/O. SET IN FRAC STRING FLOAT		
STRAP, DRIFT AND PU 3 1/2" 9.3# N-80 FRAC STRING AND LAND AS FOLLOWS:		
TUBING HANGER (.54)		
1 - 3-1/2" N-80 TUBING PUP JT (9.54')		
90 - 3-1/2" N-80 YELLOW BAND TUBING (2,832.76')		
1 - 7" X 3 1/2" AS1-X 10K FRAC PACKER (8.00')		
1 - DUAL DISK SUB (1.70')		
PBTD - 5633.00'		
EOT - 2900.59'		
KB - 14'		
PACK OFF PULLED 30K OVER LAND W/20K 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. 5000# HIGH 15 MIN.		
RU WELLCHECK. PULL 2 WAY CHECK. PRESSURE TEST 3 1/2" FRAC STING 8000# F/30 MIN. RU EXPERT SLICKLINE. RIH W/ 2.75" SINKER BAR AND BUST DISK. RIH W/2.80 GR. WORK THROUGH. POOH. RD SLICKLINE		
RIG DOWN RIG AND EQUIPMENT. PREP FOR RIG MOVE. RIG RELEASED TO THE SAN JUAN 29-6 #37A AT 18:00 ON 5/9/24. JOB COMPLETE. SISW. DEBRIEFED CREW. SDFN. FINAL REPORT.		
CREW TRAVELED TO YARD		
Report Number 12	Report Start Date 5/16/2024	Report End Date 5/16/2024
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 PICTURED CLIFFS WITH 100,881 LBS 20/40 ARIZONA AND 25,536 GAL SLICKWATER AND 0.62 MILLION SCF N2. 70 QUALITY. AVG RATE = 50 BPM, AVG PSI = 2595. ISIP WAS 1270 PSI (1032 PSI IN 5 MINUTES).		
DROP BALL ON FRAC BAFFLE. CHECK FOR BALL ACTION. RIH AND PERFORATE FRUITLAND COAL @ 2962' - 3022'.		
COOL DOWN AND TEST. FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D FRUITLAND COAL WITH 10,371 LBS OF 40/70 ARIZONA AND 91,092 LBS 20/40 ARIZONA AND 35,112 GAL SLICKWATER AND 1.29 MILLION SCF N2. 70 QUALITY. AVG RATE = 50 BPM, AVG PSI = 3004. ISIP WAS 1773 PSI (1294 PSI IN 5 MINUTES). PUMPED TWO 50,000 LB SAND RAMPS AND DROPPED 15 7/8" RCN BALLS IN BETWEEN RAMPS.		
SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 1,468 BBLS (INCLUDING 24 BBLS OF ACID). TOTAL SAND = 202,344 LBS. TOTAL N2 = 1.91 MILLION SCF.		
Report Number 13	Report Start Date 5/17/2024	Report End Date 5/17/2024
Operation		
TRAVEL TIME TO LOCATION.		
PJSM, WARM UP EQUIP.		
LOAD EQUIP AT LIVELY #12M, MOVED EQUIP AND WSU.		
SPOT IN EQUIP AND RU WSU.		
SITP 420 PSI, BDT 120 MIN.		
KILL TBG W/30 BBL, INSTALL 2 WAY CHECK, ND FRAC STACK, NU BOP, RU RIG FLOOR, PRESS TEST BOP BY WELLCHECK TO 250 PSI AND 2500 PSI- PIPE RAMS AND BLIND RAMS- ALL GOOD.		
UNSET PKR AND PULL OUT TBG HANGER, LUBRICATE 2 WAY CHECK OUT, TBG PRESS 20 PSI, KILL TBG W/20 BBL, TOH LAYING DOWN 3 1/2" FRAC STRING= 10' TBG SUB, 90 JTS, 2' MJ, 1 JT, PKR.		
SHUT IN AND SECURED WELL- SWAP OUT TBG TRAILERS.		
TRAVEL TIME BACK TO THE YARD.		
Report Number 14	Report Start Date 5/18/2024	Report End Date 5/18/2024
Operation		
TRAVEL TIME TO LOCATION.		
PJSM, WARM UP EQUIP.		
SICP 120 PSI BH 0 PSI BDT 3 MIN.		
TIH W/MS, 4' TBG SUB, FLAPPER, 95 JTS, TAG BAFFLE PLUG AT 3030',		
RU TBG SWIVEL, KI AIR W/6 BBL P/HR MIST- 1 GAL AND 1 GAL INH P/HR, UNLOAD AND CIRCULATE CLEAN, STARTED BRINGING ABOUT 3 CUPS OF SAND DOWN TO JUST A TRACE OF SAND.		
KO AIR UNIT, LD 1 JT AND TOH W/47 STS, TIH W/PROD AS FOLLOWS=(2 3/8" TBG)- EXP CH, SN (1.78"), 1 JT, 2' MJ, 90 JTS, 10' TBG SUB, 2 JTS. LAND TBG AT 2996'.12		
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Report Printed: 5/28/2024		





Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #82A

API: 3003921622			Field: BLANCO MESAVERDE (PRORATED GAS)			State: NEW MEXICO		
Sundry #:			Rig/Service: BWD 102					
Operation								
RD RIG FLOOR, ND BOP, NU WH, PT TBG TO 600 PSI FOR 5 MIN W/AIR UNIT, PUMP OUT EXP CH AT 1200 PSI, UNLOAD THE WELL FOR 15 MIN, SHUT IN AND SECURED WELL.								
RIG DOWN WSU, FLOW LINES AND PUMP LINES.								
MIRU IDEAL-FLOW BACK CREW.								
Report Number 5			Report Start Date 5/24/2024			Report End Date 5/24/2024		
Operation								
CREW TRAVEL TO S.J. 29-6 #49A WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.								
PJSA WITH CREWS.								
START RIG MOVE OPERATIONS. MOBILIZED HEC RIG EQUIPMENT FROM THE S.J. 29-6 #49A TO THE S.J. 29-7 #82A WELLSITE (14.0 MILE MOVE).								
RIG UP SERVICE UNIT. CONTINUE TO MOVE IN RIG EQUIPMENT. LEASE ROAD VERY ROUGH. STAGE IN EQUIPMENT. EXCESS TRAFFIC ON LOCATION. CF& M CONSTRUCTION ON LOCATION BUILDING FACILITIES.								
HAD TO RE ARRANGE SOME DIRT PILES TO SPOT IN RIG EQUIPMENT. HAD TO PUT IN DIRT AROUND WELLHEAD TO FILL IN LOW AREA AROUND WELLHEAD.								
CHECK WELL PRESSURES. SITP-270 PSI. SICP-320 PSI. SIBHP-0 PSI. OPEN WELL. BLOWDOWN IN 30 MINUTES TO A LIGHT CONTINUOUS BLOW.								
NIPPLE DOWN WELLHEAD. NIPPLE UP BOP ASSEMBLY. FUNCTION TESTED GOOD.								
MOVE IN WELLCHECK SERVICES FOR BOP TEST. CHANGED THE OUT MUD CROSS ASSEMBLY BELOW THE BOP.								
PRESSURE TEST BOP. TESTED BLIND RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD). TESTED 2 3/8" PIPE RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD).								
CHARTED BY WELLCHECK SERVICES. RIG DOWN, RELEASED WELLCHECK SERVICES.								
RIG UP FLOOR & TUBING HANDLING TOOLS.								
UNSET TBG HANGER AT 15,000 LBS. PULL TUBING HANGER TO THE FLOOR & REMOVE. TRIP OUT OF WELL WITH THE 2 3/8" WELL TUBING. STAND BACK INTO THE DERRICK.								
MOVE IN HOT SHOT FLOAT WITH DRILL COLLARS & MILLING ASSEMBLY.								
MEASURE & MAKE UP 7" PLUG MILLING ASSEMBLY: 1- 6.25" O.D. (2.25" I.D.) X 2.15' 4-BLADE JUNK MILL (2.15'). 1- 4.30" O.D. (2.0" I.D.) X 1.98' BIT SUB (1.98'). 6- 3.125" O.D. (26 LBS/FT) DRILL COLLARS (OVERALL LENGTH-186.66'). 1- 3.0625" O.D. (1.25" I.D.) 2 3/8" I.F. X 2 3/8" EUE CROSSOVER (1.35').								
2 3/8" 4.7# J-55 WELL/WORK STRING TUBING.								
PICK UP DRILL COLLARS & MILL ASSEMBLY. TALLY & TRIP IN WITH WELL TUBING FROM THE DERRICK. TRIPPED TO 2,911'. FRAC BAFFLE AT 3,026'.								
SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE EVENING.								
CREW TRAVEL TO YARD.								
Report Number 6			Report Start Date 5/25/2024			Report End Date 5/25/2024		
Operation								
CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.								
PJSA WITH CREW.								
CHECK WELL PRESSURES. SITP-20 PSI. SICP-20 PSI. SIBHP-0 PSI. OPEN WELL. BLOWDOWN IN 10 MINUTES TO A LIGHT BLOW.								
TRIP IN WITH WELL TUBING FROM THE DERRICK. TAGGED FILL AT 3,020'. FRAC BAFFLE AT 3,026'.								
RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO BEGIN CLEANOUT OPERATIONS.								
START AIR UNIT AT 1,200 CFM AT 400 TO 700 PSI WITH MIST AT 15 BPH. START CLEANING OUT SAND FILL/JUNK. MADE SOME SMALL METAL PIECES, FRAC SAND & SMALL COAL PIECES. CLEANED DOWN TO FRAC BAFFLE AT 3,026'. MILLED OUT FRAC BAFFLE IN 2 1/2" HRS. MADE METAL BAFFLE PIECES & SAND FILL. CIRCULATED UNTIL RETURNS WERE CLEAN. CONTINUE INTO WELL, TAG SAN/DEBRIS FILL AT 3,090', CBP AT 3,120'. CONTINUE CLEAN OUT/MILLING OPERATIONS. MILLED OUT CBP AT 3,120' IN 2 3/4 HRS.								
MADE METAL PIECES, PLUG PARTS & SAND AT 1 CUP DOWN TO 1/4" CUP. MADE ADDITIONAL WATER AT 5 -10 BBLs PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEANER.								
1 - 3 GAL PER 10 BBLs: CL-299 (CORROSION INHIBITOR). 1 - 1 1/2 GAL PER 10 BBLs: F-86 (FOAMER).								
SHUTDOWN AIR/MIST. KILL TUBING PRESSURE WITH 8 BBLs BIOCIDe WATER. HANG BACK POWER SWIVEL INTO THE DERRICK. TRIP TUBING/MILL ASSEMBLY TO 2,849'.								
SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE EVENING.								
CREW TRAVEL TO YARD.								
Report Number 7			Report Start Date 5/26/2024			Report End Date 5/26/2024		
Operation								
CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.								
PJSA WITH CREW.								
CHECK WELL PRESSURES. SITP-0 PSI (FLOAT). SICP-280 PSI. SIBHP-0 PSI. OPEN WELL. BLOWDOWN IN 20 MINUTES TO A LIGHT CONTINUOUS BLOW.								





Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #82A


API: 3003921622	Field: BLANCO MESAVERDE (PRORATED GAS)	State: NEW MEXICO
	Sundry #:	Rig/Service: BWD 102

Operation
CONTINUE TRIP OUT WITH 7" MILLING ASSEMBLY. STAND BACK TUBING AND COLLARS INTO THE DERRICK. MEASURE & MAKE UP 4 1/2" BRIDGE PLUG MILLING ASSEMBLY: 1- 3.875" O.D. (1.25" I.D.) X 2.00' 5-BLADE JUNK MILL (2.00'). 1- 3.125" O.D. (1.0" I.D.) X 1.75' BIT SUB (1.75'). 6- 3.125" O.D. (26 LBS/FT) DRILL COLLARS (OVERALL LENGTH-186.66'). 1- 3.0625" O.D. (1.25" I.D.) 2 3/8" I.F. X 2 3/8" EUE CROSSOVER (1.35').  2 3/8" 4.7# J-55 WELL/WORK STRING TUBING. TRIP IN WITH WELL TUBING FROM THE DERRICK. TAGGED JUNK/FILL AT LINER TOP AT 3,155'. 4 1/2" LINER TOP AT 3,158'. RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO CONTINUE CLEANOUT OPERATIONS. START AIR UNIT AT 1,200 CFM AT 400 TO 700 PSI WITH MIST AT 15 BPH. START CLEANING OUT SAND FILL/JUNK. MADE SOME SMALL METAL PIECES & LIGHT FRAC SAND. MILLED THRU LINER TOP. CONTINUE INTO WELL & TAG JUNK/FILL AT 3,770' (CIBP @ 3,787'). CONTINUE MILLING OPERATIONS. CLEANED DOWN TO CIBP. MAKING METAL PIECES, PLUG PARTS & CEMENT CUTTINGS FROM PREVIOUS CEMENT SQUEEZE. <b>MILLED OUT CIBP IN 1 1/2" HRS.</b> FLOW LINE PRESSURE INCREASED SLIGHTLY FROM LEWIS & MESA VERDE ZONE, CIRCULATED UNTIL RETURNS WERE CLEAN. CONTINUE INTO WELL, TAG SAND/DEBRIS FILL AT 5,609', PBTD AT 5,633'. CONTINUE CLEANOUT OPERATIONS. COULD NOT GET PAST 5,612'. METAL PIECES, PLUG PARTS SPINNING WITH MILL. MADE ADDITIONAL WATER AT 5 -10 BBLS PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEAN. UNABLE TO START THE CABINET AIR UNIT FOR ADDITIONAL AIR.  1 - 3 GAL PER 10 BBLS: CL-299 (CORROSION INHIBITOR). 1 - 1 1/2 GAL PER 10 BBLS: F-86 (FOAMER).

SHUTDOWN AIR/MIST. KILL TUBING PRESSURE WITH 5 BBLS BIOCIDAL WATER. HANG BACK POWER SWIVEL INTO THE DERRICK. START TRIP OUT. BECAME STUCK AT 5,420'. RESTART AIR/MIST. WORKED STRING FREE. S/D AIR/MIST. TRIP TUBING/MILL ABOVE LINER TOP TO 3,049'.		
SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE NIGHT.		
CREW TRAVEL TO YARD.		
Report Number 18	Report Start Date 5/27/2024	Report End Date 5/27/2024

Operation
CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS. PJSA WITH CREW. CHECK WELL PRESSURES. SITP-0 PSI (FLOAT). SICP-125 PSI. SIBHP-0 PSI. OPEN WELL. BLOWDOWN IN 20 MINUTES TO A LIGHT CONTINUOUS BLOW. TRIP IN WITH WELL TUBING FROM THE DERRICK. TAGGED JUNK/FILL AT 5,612' (PBTD AT 5,633'). RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO CONTINUE CLEANOUT OPERATIONS. START 2- AIR UNITS AT 2,000 CFM AT 600 TO 800 PSI WITH MIST AT 15 BPH. START MILLING/CLEANING OUT FILL/JUNK. MAKING SMALL METAL PIECES & LIGHT FRAC SAND. COULD NOT GET PAST 5,620'. HARD TAG AT THIS DEPTH. CALL HEC ENGINEER. WILL CALL THIS DEPTH GOOD. WELL MAKING SMALL METAL PIECES. MADE ADDITIONAL WATER AT 5 -10 BBLS PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEAN.  1 - 3 GAL PER 10 BBLS: CL-299 (CORROSION INHIBITOR). 1 - 1 1/2 GAL PER 10 BBLS: F-86 (FOAMER).

RIG DOWN POWER SWIVEL ASSEMBLY. PREPARE TO TRIP OUT WITH TUBING/MILL. TRIP OUT WITH 4 1/2" MILLING ASSEMBLY. STAND BACK TUBING AND LAYDOWN COLLARS ONTO THE TUBING FLOAT. MAKE UP PRODUCTION BHA: 1- 2 3/8" X .60' BULL PLUG (.50'). 1- 2 3/8" 4.7# J-55 PUP JOINT (10.00'). 1- 2 3/8" 4.7# J-55 SLOTTED PGA-1 MUD ANCHOR (30.00') 1- 2 3/8" (1.78" I.D.) SEAT NIPPLE (1.10'). 2 3/8" 4.7# J-55 YELLOW BAND WELL TUBING. TRIP IN WITH PRODUCTION TUBING, LANDING DEPTH AT 5,595.06'. INSTALL TBG HANGER & LAND. PRODUCTION TBG LANDED AT 5,595.06' K.B. (14.0' K.B.). TOP OF 1.78" I.D. SEAT NIPPLE AT 5,553.46' K.B.  1- 2 3/8" X .60' BULL PLUG (.50'). 1- 2 3/8" 4.7# J-55 PUP JOINT (10.00'). 1- 2 3/8" 4.7# J-55 SLOTTED PGA-1 MUD ANCHOR (30.00') 1- 2 3/8" (1.78" I.D.) SEAT NIPPLE (1.10'). 1- 2 3/8" 4.7# J-55 TUBING JOINT (32.60'). 1- 2 3/8" 4.7# J-55 PUP JOINT MARKER (2.30'). 174- 2 3/8" 4.7# J-55 YELLOW BAND TUBING JOINTS (5,503.61'). 1- 7 1/16" X 3K TBG HANGER WITH SEAL SUB (.95'). SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE EVENING. CREW TRAVEL TO YARD.
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<div><div>Hilcorp Energy Company</div><div>Well Operations Summary L48</div></div>		
Well Name: SAN JUAN 29-7 UNIT #82A		
API: 3003921622	Field: BLANCO MESAVERDE (PRORATED GAS	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: BWD 102
Jobs		
Actual Start Date: 4/26/2024		End Date:
Report Number 19	Report Start Date 5/28/2024	Report End Date 5/28/2024
Operation		
CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.		
PJSA WITH CREW.		
CHECK WELL PRESSURES. SITP-10 PSI. SICP-125 PSI. SIBHP-0 PSI. OPEN WELL. BLOWDOWN IN 30 MINUTES TO A LIGHT CONTINUOUS BLOW.		
RIG DOWN FLOOR AND TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY. NIPPLE UP B-1 ADAPTER FLANGE WITH ROD RATIGAN & PUMPING TEE ASSEMBLY, PUMP 20 BBLS OF BIOCIDAL WATER DOWN THE TUBING.		
PUMP 20 BBLS OF BIOCIDAL TREATED WATER DOWN THE 2 3/8" TUBING.		
MAKE UP DOWN HOLE PUMP ASSEMBLY, LOADED & BUCKET TEST PUMP AT SURFACE, TESTED GOOD, PREPARE TO RUN IN WITH SINKER BARS AND 3/4" ROD STRING.		
START TRIP IN WITH DOWN HOLE PUMP ASSEMBLY & 3/4" ROD STRING.		
CREW WATER/LUNCH BREAK.		
CONTINUE TRIP IN WITH DOWN HOLE PUMP & 3/4" ROD STRING.		
1- 1.315" X 10.0' STRAINER NIPPLE (1.0'). 1- 2" X 1 1/4" X 11' X 15' RHAC-Z HVR PUMP (HIL #970) (15.0'). 1- 1.0" LIFT SUB (1.0'). 1- 3/4" X 8.0' GUIDED PONY ROD (8.0'). 1- 1.0" X .60' SHEAR TOOL (21K SHEAR) (.60'). 9- 1 1/4" X 25' SINKER BARS (225.0'). 212- 3/4" X 25' USED RODS (5,300.0'). 2- 3/4" PONY RODS 1- 8.0' & 1- 2.0' (10.0'). 1- 1 1/4" X 22' POLISHED ROD WITHOUT LINER.		
CHANGED OUT 14- 3/4" ROD COUPLINGS DURING TRIP IN.		
SEAT PUMP. INSTALL POLISHED ASSEMBLY & RATTIGA. RIG UP TO TUBING & LOAD ROD/TUBING ANNULUS WITH 13 BBLS WATER. PRESSURE TEST TO 820 PSI. TESTED GOOD. BLEED DOWN PRESSURE. STROKE TEST WITH RIG TO 900 PSI. TESTED GOOD. STACK OUT & PULL UP 6.0". HANG OFF ONTO PUMPING UNIT.		
INSTALLED NEW ROD ROTATOR & SOLAR LOAD CELL.		
WELL SHUT IN, SECURED.		
RIG DOWN SERVICE UNIT & ALL EQUIPMENT. PREPARE FOR RIG MOVE TO THE NEXT WELL.		
WELL CLEANOUT & PUMP INSTALL OPERATIONS COMPLETE.		
WILL MOVE TO THE S.J. 28-7 #218E WELLSITE ON 5-29-24.		
MOVE SERVICE UNIT & DOGHOUSE TO THE 1ST LOPEZ CANYON GATE AND PARK. CREW TRAVEL TO HILCORP YARD.		

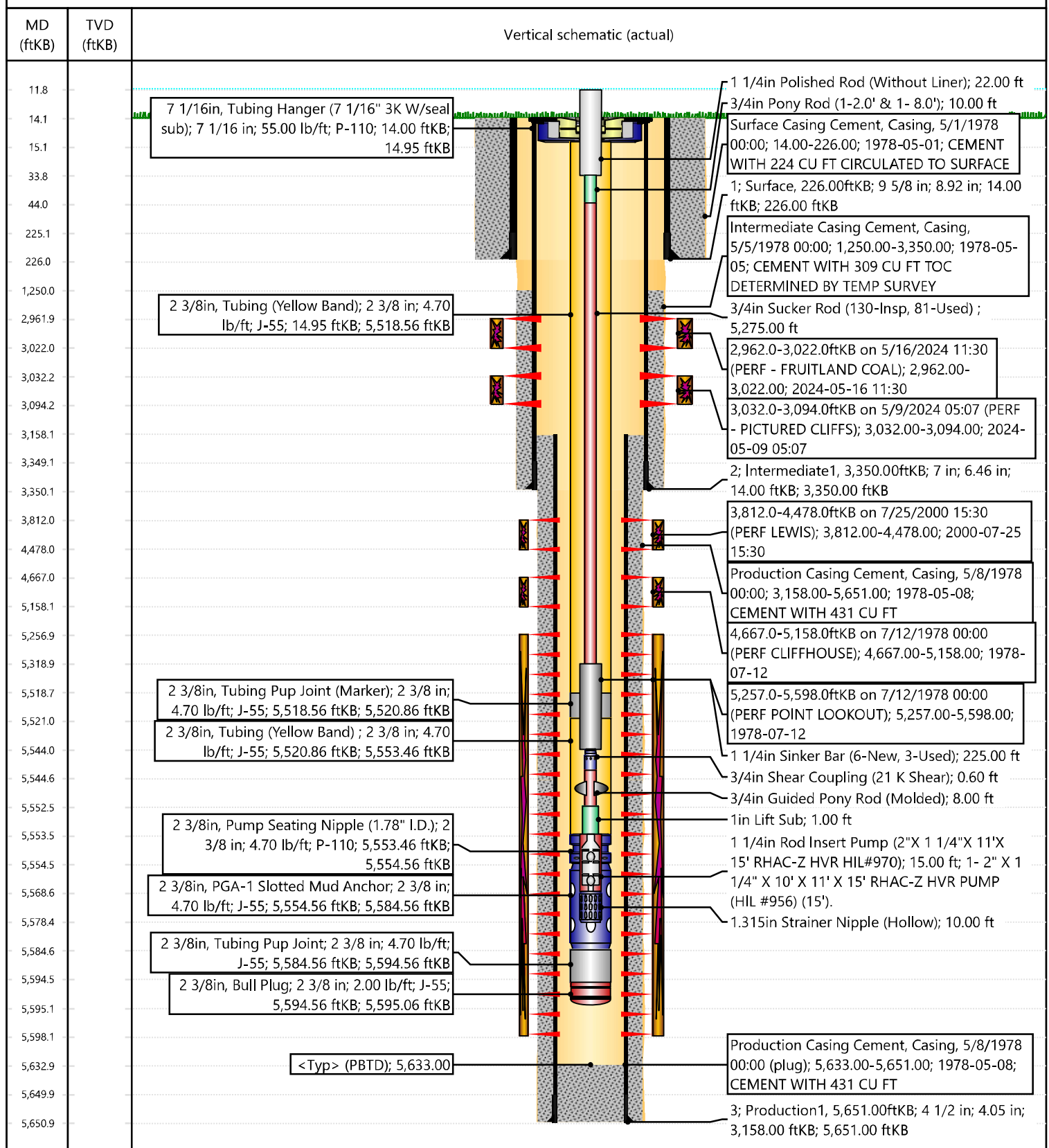


## Current Schematic - Version 3

Well Name: SAN JUAN 29-7 UNIT #82A

API/ UWI 3003921622	Surface Legal Location 004-029N-007W-O	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 1000	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,192.00	Original KB/RT Elevation (ft) 6,206.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole [VERTICAL]



**Cheryl Weston**

---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Wednesday, May 1, 2024 5:06 PM  
**To:** Matthew Esz; Kuehling, Monica, EMNRD; Durham, John, EMNRD  
**Cc:** Cheryl Weston  
**Subject:** Re: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

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Pardon for missing your call.

The BLM finds the proposal appropriate.

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**From:** Matthew Esz <Matthew.Esz@hilcorp.com>  
**Sent:** Wednesday, May 1, 2024 3:39:36 PM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Cc:** Cheryl Weston <cweston@hilcorp.com>  
**Subject:** RE: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

Kenny / Monica,

Here is our plan for the sqz tomorrow:

1. Shoot csg punch (small charge to ensure we don't perf the 7') at **3330'**.
2. Shoot csg punch (small charge to ensure we don't perf the 7') at **3179'**.
3. RIH with 4 ½" cmt retainer and set at **3165'**, pump cmt sqz.

Please let me know if you have any questions.

Thanks,  
Matthew

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Wednesday, May 1, 2024 4:21 PM  
**To:** Matthew Esz <Matthew.Esz@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>  
**Cc:** Cheryl Weston <cweston@hilcorp.com>  
**Subject:** RE: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

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Hello Matthew

30-039-21622

Please send more detail on your plan and the BLM needs to approve prior to our approval

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

**From:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
**Sent:** Wednesday, May 1, 2024 3:13 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>  
**Cc:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

Monica,

We identified the leak on the failed MIT to be the liner top, we intend to pump a cement squeeze tomorrow to remediate.

Thanks,  
Matthew Esz

---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Tuesday, April 30, 2024 2:28 PM  
**To:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>  
**Cc:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

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Matthew we don't usually go by a temp survey – however, I will see what they say

Monica

---

**From:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
**Sent:** Tuesday, April 30, 2024 1:10 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>  
**Cc:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

Monica,

Attached is a temperature survey run on the 7" string of the 29-7 82A, as well as the wellbore diagram. Being that the 4 ½" string is a liner, I'd like to discuss the overlapping portion of the liner and the sufficient cement shown behind the 7" string. Please give me a call back to discuss this when you have a moment.

Thanks,  
Matthew Esz

---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Tuesday, April 30, 2024 12:19 PM  
**To:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>  
**Cc:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

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Matthew

You have enough cement above 2821 but there is no cement below 3164 – the deepest you can go is 3060

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

**From:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
**Sent:** Tuesday, April 30, 2024 10:27 AM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>  
**Cc:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Subject:** [EXTERNAL] SJ 29-7 82A FRC/PC Recomplete CBL

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

Monica & John,

Please see the attached CBL pulled today on the San Juan 29-7 Unit 82A, as well as the approved NOI. We plan on perforating the FRC from **2821'-3030'** and PC from **3030'-3164'**. Please let me know if you have any questions or give me a call if needed.



Thanks,

**Matthew Esz**  
*Operations Engineer*  
San Juan South Asset Team  
**Hilcorp Energy Company**  
c: (770) 843-9226

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Cheryl Weston

---

From: blm-afmss-notifications@blm.gov  
Sent: Tuesday, June 4, 2024 1:56 PM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 29-7 UNIT, Well Number: 82A, 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 29-7 UNIT**
- Well Number: **82A**
- US Well Number: **3003921622**
- Well Completion Report Id: **WCR2024060491903**

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. <b>NMSF078919</b>				
1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						6. If Indian, Allottee or Tribe Name				
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,						7. Unit or CA Agreement Name and No.				
Other: <b>RECOMPLETE</b>						8. Lease Name and Well No. <b>San Juan 29-7 Unit 82A</b>				
2. Name of Operator <b>Hilcorp Energy Company</b>			3. Address <b>382 Rd 3100, Aztec NM 87410</b>			3a. Phone No. (include area code) <b>(505) 333-1700</b>			10. Field and Pool or Exploratory <b>Basin Fruitland Coal</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit O (SWSE), 890' FSL &amp; 1630' FEL</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>						11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 4, T29N, R07W</b>			12. County or Parish <b>Rio Arriba</b>	
14. Date Spudded <b>5/1/1978</b>		15. Date T.D. Reached <b>5/7/1978</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>5/28/2024</b>		17. Elevations (DF, RKB, RT, GL)* <b>6,192'</b>				
18. Total Depth: <b>5,651'</b>		19. Plug Back T.D.: <b>5,633'</b>		20. Depth Bridge Plug Set: <b>MD</b> <b>TVD</b>		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)				
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>										
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled	
<b>13 3/4</b>	<b>9 5/8" K-55</b>	<b>36#</b>	<b>0</b>	<b>226'</b>	<b>n/a</b>	<b>224 cf</b>				
<b>8 3/4"</b>	<b>7" K-55</b>	<b>20#</b>	<b>0</b>	<b>3,350'</b>	<b>n/a</b>	<b>309 cf</b>				
	<b>4 1/2" K-55</b>	<b>10.5#</b>		<b>5,651'</b>	<b>n/a</b>	<b>431 cf</b>				
24. Tubing Record										
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)		
<b>2 3/8"</b>	<b>5,595'</b>									
25. Producing Intervals					26. Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) <b>Fruitland Coal</b>		<b>2,962'</b>	<b>3,022'</b>	<b>2 &amp; 4 SPF</b>		<b>0.29</b>	<b>48</b>	<b>open</b>		
B)										
C)										
D)										
<b>TOTAL</b>							<b>48</b>			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.										
Depth Interval		Amount and Type of Material								
2962-3022		Broke down well w/water & 500 gal 15% HCl. Foam frac'd FRC w/ 101,463 lbs sand, 35,112 gal slickwater & 1.29M SCF N2 70Q								
-										
-										
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	
<b>5/28/2024</b>	5/28/2024	4		0	231	0	n/a	n/a	<b>Flowing</b>	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
26/64"	300 psi	90 psi		0	231	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		

\*(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):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland	2,962'	3032'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,962'
Pictured Cliffs	3,032'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,032'
Lewis	3,812'		Shale w/ siltstone stingers	Lewis	3,812'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4667'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,667'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,667'
Menefee	5,040'	5257'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5,040'
Point Lookout	5,257'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,257'
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 slitty 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 FRC/PC/MV trimmingle per DHC-5385. FRC PA NMNM78417D.

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

TitleOperations/Regulatory Technician

SignatureCherylene Weston

Date6/4/2024

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2018

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Unit O (SWSE), 890' FSL &amp; 1630' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

5/1/1978

15. Date T.D. Reached

5/7/1978

16. Date Completed

5/28/2024

☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*

6,192'

18. Total Depth:

5,651'

19. Plug Back T.D.:

5,633'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4	9 5/8" K-55	36#	0	226'	n/a	224 cf			
8 3/4"	7" K-55	20#	0	3,350'	n/a	309 cf			
	4 1/2" K-55	10.5#		5,651'	n/a	431 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"	5,595'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3,032'	3,094'	1 SPF	0.38	22	open
B)						
C)						
D)						
TOTAL					22	

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

Depth Interval	Amount and Type of Material
3032-3094	Broke down well w/water & 500 gal 15% HCl. Foam frac'd PC w/ 100,881# 20/40 sand, 25,536 gal slickwater & 0.62M SCF N2 70Q
-	
-	

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
5/28/2024	5/28/2024	4	➡	0	231	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	
26/64"	300 psi	90 psi	➡	0	231	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. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

\*(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.)

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30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland	2,962'	3032'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,962'
Pictured Cliffs	3,032'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,032'
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Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4667'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,667'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,667'
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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 slitty 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 FRC/PC/MV trimmingle per DHC-5385. PC PA NMNM078417C.

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

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☐ 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

6/4/2024



**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 354177

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 354177
	Action Type: [C-104] Completion Packet (C-104C)

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.

**District I**  
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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 354177

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 354177
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/14/2024