

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 30-039-22159	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318433	<sup>8</sup> Property Name San Juan 30-5 Unit	<sup>9</sup> Well Number 38

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

UI or lot no. G	Section 18	Township 30N	Range 05W	Lot Idn	Feet from the 1520	North/South Line N	Feet from the 1535	East/West Line E	County Rio Arriba
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<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
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

<sup>21</sup> Spud Date 12/26/1979	<sup>22</sup> Ready Date 6/13/2024	<sup>23</sup> TD 7874'	<sup>24</sup> PBTD 7860'	<sup>25</sup> Perforations 5031' – 5874'	<sup>26</sup> DHC, MC DHC 5373
<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set		<sup>30</sup> Sacks Cement
12 1/4"		9 5/8", 36#, K-55	351'		290 sx
8 3/4"		7", 20#, K-55	3562'		125 sx
6 1/4"		4 1/2", 11.6/10.5#, K-55	7874'		350 sx
		2 3/8", 4.7#, J-55	7810'		

V. Well Test Data

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date 6/13/2024	<sup>33</sup> Test Date	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure SI - 70	<sup>36</sup> Csg. Pressure SI - 650
<sup>37</sup> Choke Size 18/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 0	<sup>40</sup> Gas 92		<sup>41</sup> Test Method
<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: 			OIL CONSERVATION DIVISION		
Printed name: Amanda Walker			Approved by:		
Title: Operations Regulatory Tech Sr.			Title:		
E-mail Address: <a href="mailto:mwalker@hilcorp.com">mwalker@hilcorp.com</a>			Approval Date:		
Date: 6/20/2024		Phone: 346-237-2177			

Well Name: SAN JUAN 30-5 UNIT	Well Location: T30N / R5W / SEC 18 / SWNE / 36.815598 / -107.394287	County or Parish/State: RIO ARRIBA / NM
Well Number: 38	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078994	Unit or CA Name: SAN JUAN 30-5 UNIT--DK	Unit or CA Number: NMNM78419B
US Well Number: 3003922159	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2796447

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/20/2024

Time Sundry Submitted: 01:31

Date Operation Actually Began: 05/14/2024

**Actual Procedure:** The following well has been recompleted into the Mesaverde and is now producing as a DHC with the existing Dakota. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SAN\_JUAN\_30\_5\_UNIT\_38\_RC\_SR\_Writeup\_20240620132949.pdf

Well Name: SAN JUAN 30-5 UNIT	Well Location: T30N / R5W / SEC 18 / SWNE / 36.815598 / -107.394287	County or Parish/State: RIO ARRIBA / NM
Well Number: 38	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078994	Unit or CA Name: SAN JUAN 30-5 UNIT--DK	Unit or CA Number: NMNM78419B
US Well Number: 3003922159	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: AMANDA WALKER  
Signed on: JUN 20, 2024 01:31 PM  
Name: HILCORP ENERGY COMPANY  
Title: Operations/Regulatory Technician  
Street Address: 1111 TRAVIS ST  
City: HOUSTON State: TX  
Phone: (346) 237-2177  
Email address: MWALKER@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: 06/20/2024  
Signature: Kenneth Rennick



## Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #38

API: 3003922159

Field: DK

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: RIGLESS 1

## Jobs

Actual Start Date: 5/14/2024

End Date: 6/13/2024

Report Number

Report Start Date

Report End Date

1

5/14/2024

5/14/2024

## Operation

MOVE FROM THE SAN JUAN 30-5 #78N TO THE SAN JUAN 30-5 #38 (1 MILE MOVE). SPOT RIG AND EQUIPMENT.

CHANGE OUT BASE BEAM. RIG UP.

SITP: 60 PSI

SICP: 60 PSI

SIIC: 0 PSI

SIBH: 0 PSI

BLOW DOWN WELL 2 MIIN

NIPPLE DOWN WELLHEAD, NIPPLE UP BOPE. RIG UP FLOOR.

FUNCTION TEST BOPE (GOOD).

WORK STUCK TUBING HANGER, WAIT ON AND RIG UP BIG RED TUBING JACK.

PULL AND LAY DOWN TUBING HANGER.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number

Report Start Date

Report End Date

2

5/15/2024

5/15/2024

## Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 60 PSI

SICP: 60 PSI

SIIC: 0 PSI

SIBH: 0 PSI

BLOW DOWN WELL 2 MIIN

SAFETY MEETING, RIG UP TUBOSCOPE LAY DOWN TOOL

TRIP OUT OF HOLE INSPECTING 2 3/8" PRODUCTION TUBING.

0- YELLOW

126- BLUE

64- GREEN

62- RED

RIG DOWN TUBOSCOPE SCANNING EQUIPMENT.

DOWNGRADES DUE PITTING.

NO HOLES FOUND

TUBING IS COVERED IN GREY VISCOUS FLUID

WAIT ON TUBING TO BE LOADED AND DELIVERED. CHANGE OUT TUBING FLOAT.

PICK UP 3 7/8" BIT AND STRING MILL AND TRIP IN THE HOLE 50 STANDS TO 3125' WITH THE YELLOW BAND FROM THE WELL.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number

Report Start Date

Report End Date

3

5/16/2024

5/16/2024

## Operation

CREW TRAVELED TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 50 PSI

SICP: 140 PSI

SIIC: 0 PSI

SIBH: 0 PSI

BLOW DOWN 2 MIN

CONTINUE TO TRIP IN HOLE PICKING UP 68 JOINTS OF TUBING WITH STRING MILL TO 7800'.

TRIP OUT OF THE HOLE, LAY DOWN STRING MILL,

PICK UP 4 1/2" CIBP AND TRIP IN THE HOLE.

SET CIBP AT 7758. LOAD HOLE CIRCULATE CLEAN WITH 105 BBLs OF BIOCIDES WATER.

PRESSURE TEST CASING TO 600 PSI, PRESSURE CONTINUED TO CLIMB.

TRIP OUT OF THE HOLE LAYING DOWN 52 JOINTS, TRIP OUT WITH SETTING TOOL.

RIG UP BASIN WELL LOGGING AND RUN CBL FROM 7800' TO SURFACE WITH 600 PSI ON CASING.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number

Report Start Date

Report End Date

4

5/17/2024

5/17/2024





## Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #38

API: 3003922159

Field: DK

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 1

## Operation

CREW TRAVELED TO LOCATION.

SERVICE AND START EQUIPMENT. RIG MAINTENANCE.

SITP: 0 PSI  
SICP: 0 PSI  
SIIC: 0 PSI  
SIBH: 0 PSI  
NO BLOW DOWN

RIG UP WELLCHECK, PRE TEST ON CASING.

WITNESSED AND CHARTED MIT ON 4 1/2" CASING, 570 PSI FOR 30 MINUTES, GOOD TEST.

JOHN DURHAM WITH NMOCD WITNESSED ALL TESTS BRADEN HEAD AND INTERMEDIATE CASING TEST.

PICK UP 4 1/2" SCBP AND TRIP IN THE HOLE WITH 195 JOINTS. **SET SCBP AT 6116'**.

PRESSURE TEST CASING WITH RIG PUMP TO 2000 PSI. GOOD TEST.

TRIP OUT OF THE HOLE.

NIPPLE DOWN BOPE. NIPPLE DOWN AND REPLACE THE 3K WELLHEAD WITH A 5K. STUB UP 4 1/2" CASING. PRESSURE TEST VOID TO 2400 PSI, GOOD. NIPPLE UP BOPE.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number  
5Report Start Date  
5/20/2024Report End Date  
5/20/2024

## Operation

CREW TRAVELED TO LOCATION.

SERVICE AND START EQUIPMENT.

SITP: 0 PSI  
SICP: 0 PSI  
SIIC: 0 PSI  
SIBH: 0 PSI  
NO BLOW DOWN

NIPPLE UP 5K TEST FLANGE ON THE WELLHEAD. RIG UP WELLCHECK,

WITH 500 PSI ON INTERMEDIATE CASING PRESSURE TEST 4 1/2" CASING TO 4K FROM THE BASE OF FRAC PLUG AT 6116' TO SURFACE. CHARTED 30 MINUTE TEST.

NIPPLE UP BOPE, TRIP IN THE HOLE WITH TUBING

TRIP OUT OF HOLE LAYING DOWN TUBING, TRIP IN HOLE AND LAY DOWN THE REMAINING TUBING.

RIG DOWN FLOOR, NIPPLE DOWN BOPE,

RIG DOWN, RIG RELEASED TO THE SAN JUAN 30-5 #50G

Report Number  
6Report Start Date  
6/8/2024Report End Date  
6/8/2024

## Operation

MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.

R/U BASIN WELL LOGGING. DEPTH CORRELATED TO LOG RAN ON 5/16/24. **PERFORATE POINT LOOKOUT FROM (5586'-5874') WITH 33 SHOTS, .35" DIA 1 SPF. ALL SHOTS FIRED.**

5586'-5588' (3 SHOTS)  
5596'-5597' (2 SHOTS)  
5613'-5614' (2 SHOTS)  
5622'-5623' (2 SHOTS)  
5629'-5630' (2 SHOTS)  
5652'-5653' (2 SHOTS)  
5669'-5670' (2 SHOTS)  
5713'-5714' (2 SHOTS)  
5718'-5720' (3 SHOTS)  
5729'-5730' (2 SHOTS)  
5758'-5759' (2 SHOTS)  
5767'-5769' (3 SHOTS)  
5812'-5813' (2 SHOTS)  
5851'-5852' (2 SHOTS)  
5873'-5874' (2 SHOTS)

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

PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 4500 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 4500 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.



Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #38

API: 3003922159	Field: DK	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation

POINT LOOKOUT STIMULATION: (5,586' TO 5,874')

FRAC AT 60 BPM W/ 70Q N2 FOAM.  
TOTAL LOAD: 945 BBLS  
SLICKWATER: 933 BBLS  
TOTAL ACID: 12 BBLS  
TOTAL 20/40 SAND: 150,798 LBS  
TOTAL N2: 1,339,000 SCF  
AVERAGE RATE: 63 BPM  
MAX RATE: 66 BPM  
AVERAGE PRESSURE: 2,266 PSI  
MAX PRESSURE: 2,528 PSI  
MAX SAND CONC: 4.0 PPG DOWNHOLE.  
ISIP: 438 PSI  
5 MIN: 53 PSI  
10 MIN: 29 PSI  
15 MIN: 24 PSI

INCREASED RATE TO 65 BPM ON 1.5 PPG SAND STAGE.

RIH AND SET **COMPOSITE BRIDGE PLUG AT 5,576'** (SELECT). **PERF MENEFEE/CLIFFHOUSE FROM (5,031'-5,565')** WITH 28 SHOTS .35" 1 SPF DIA. ALL SHOTS FIRED.

5031'-5033' (3 SHOTS)  
5096'-5098' (3 SHOTS)  
5358'-5359' (2 SHOTS)  
5367'-5370' (4 SHOTS)  
5428'-5431' (4 SHOTS)  
5449'-5452' (4 SHOTS)  
5509'-5510' (2 SHOTS)  
5522'-5523' (2 SHOTS)  
5529'-5530' (2 SHOTS)  
5564'-5565' (2 SHOTS)

MENEFEE/CLIFFHOUSE STIMULATION: (5,031' 5,565')

FRAC AT 60 BPM W/ 70Q N2 FOAM.  
TOTAL LOAD: 663 BBLS  
SLICKWATER: 651 BBLS  
TOTAL ACID: 12 BBLS  
TOTAL 20/40 SAND: 100,611 LBS  
TOTAL N2: 991,000 SCF  
AVERAGE RATE: 62.2 BPM  
MAX RATE: 65.7 BPM  
AVERAGE PRESSURE: 2,530 PSI  
MAX PRESSURE: 2,641 PSI  
MAX SAND CONC: 4.0 PPG DOWNHOLE.  
ISIP: 549 PSI  
5 MIN: 420 PSI  
10 MIN: 403 PSI  
15 MIN: 427 PSI

INCREASED RATE TO 65 BPM ON 2.0 PPG SAND STAGE.

RIH AND **SET CBP (SELECT) AT 4,870'**. BLEED OFF CASING. POH.

SHUT IN, SECURE WELL AND LOCATION.

RIG DOWN FRAC AND WIRELINE EQUIPMENT.

Report Number 7	Report Start Date 6/9/2024	Report End Date 6/9/2024
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Operation

CREW TRAVEL TO LOCATION.

MOVE RIG FROM THE SAN JUAN 30-5 #249 TO THE SAN JUAN 30-5 #38  
(6 MILE MOVE). SPOT RIG AND EQUIPMENT

RIG UP.

SITP: 0 PSI  
SICP: 0 PSI  
SIBH: 0 PSI  
NO BLOW DOWN

NIPPLE DOWN FRAC STACK. INSTALL TUBING HANGER WITH BPV INSTALLED.  
NIPPLE UP BOPE,

RIG UP WELLCHECK AND PRESSURE TEST BOPE, 250 PSI LOW AND 2000 PSI HIGH  
BLIND AND PIPE RAMS, GOOD TEST, REMOVE HANGER.



## Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #38

API: 3003922159

Field: DK

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 1

## Operation

PICK UP 3 7/8" JUNK MILL 6 - 3 1/4" DRILL COLLARS AND TRIP IN HOLE PICKING UP 2 3/8" TUBING.  
TAG AT 5000'

UNLOAD WELL AND ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
**DRILL PLUG #1 @ 4870'** WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO A CUP PER SAMPLE.

HANG BACK SWIVEL AND TRIP IN THE HOLE PICKING UP TUBING, TAG PLUG #2 AT 5550'.  
TRIP OUT OF THE HOLE 15 STANDS TO 4606'.

SECURE WELL AND TRAVEL TO YARD.

Report Number  
8Report Start Date  
6/10/2024Report End Date  
6/10/2024

## Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 0 PSI  
SICP: 1150 PSI  
SIBH: 0 PSI  
BLEED DOWN WELL 60 MINUTES

TRIP IN THE HOLE WITH 15 STANDS, TAG SAND **DRILL PLUG #2 AT 5576'**.

ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
DRILL PLUG #2 AT 5570'. WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO A CUP PER SAMPLE.  
PICK UP TUBING, TAG 60' OF FILL AT 6056'.

ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
CLEAN OUT SAND 6056' TO 6116' **DRILL PLUG #3 AT 6116'**.  
HANG SWIVEL IN DERRICK, TRIP IN HOLE PICKING UP TUBING.

TAG 20' OF SAND AND PLUG PARTS ON PLUG #4 AT 7738'.  
ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
**DRILL PLUG #4 AT 7758'**. CONTINUE IN THE HOLE, TAG 40' OF FILL AT 7820'.  
CLEAN OUT 7820 TO 7827', COULD NOT GET DEEPER, PBTD AT 7860'

F-485 FOAMER- 10 GALLONS.  
CRW-9152A INHIB - 15 GALLONS.  
DIESEL FUEL - 280 GALLONS.  
WATER- 150 BBLS

TRIP OUT OF HOLE 46 STANDS TO 5049'.

SECURE WELL AND TRAVEL TO YARD.

Report Number  
9Report Start Date  
6/11/2024Report End Date  
6/11/2024

## Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 0 PSI  
SICP: 750 PSI  
SIBH: 0 PSI  
BLEED DOWN WELL 60 MINUTES

REPLACE PIPE RAM RUBBERS. REPLACE WASHED OUT FITTINGS.

FINISH TRIP OUT OF THE HOLE, REPLACE JUNK MILL AND TRIP IN THE HOLE.

TAG 40' OF FILL AT 7787'. PICK UP AND RIG UP TUBING SWIVEL.  
ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
CLEAN OUT 7787' TO 7827'.

MILL ON JUNK 7827' TO 7829. COULD NOT GET THROUGH JUNK  
HANG SWIVEL IN THE DERRICK, TRIP OUT OF THE HOLE 46 STANDS TO 5014'.

F-485 FOAMER- 4 GALLONS.  
CRW-9152A INHIB - 6 GALLONS.  
DIESEL FUEL - 150 GALLONS.  
WATER- 50 BBLS

TRIP OUT OF HOLE 46 STANDS TO 5049'.

SECURE WELL AND TRAVEL TO YARD.

Report Number  
10Report Start Date  
6/12/2024Report End Date  
6/12/2024



Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #38

API: 3003922159	Field: DK	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation

CREW TRAVEL TO LOCATION.
SERVICE AND START EQUIPMENT
SITP: 0 PSI SICP: 700 PSI SIBH: 0 PSI BLEED DOWN WELL 60 MINUTES
FINISH TRIP OUT OF THE HOLE. TRIP IN HOLE AND LAY DOWN DRILL COLLARS. PICK UP BHA AND TRIP IN THE HOLE DRIFTING TUBING. TAG 30' OF FILL AT 7799'.
PICK UP SWIVEL. ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR. RETURNS ARE UP TO 3 CUPS DOWN TO A TRACE OF SAND PER 5 GALLON SAMPLE CLEAN OUT SAND FROM 7799' TO 7829'.
LAND TUBING AS FOLLOWS:  (1)- 2 3/8" PUMP OUT PLUG (.95') (1)- 2 3/8" X 1.78 SEAT NIPPLE (1.10') (1)- 2 3/8" 4.7# J-55 TBG (31.25') (1)- 2 3/8" X 2' MARKER JOINT. (247)- 2 3/8" 4.7# J-55 TBG (7713.26') (2)- 2 3/8" X 16' PUP JOINTS. (1)- 2 3/8" 4.7# J-55 TBG (31.50') (1)- 2 3/8" X 5K TUBING HANGER  EOT @ 7810' SEAT NIPPLE @ 7808' PBSD @ 7860' CLEANED OUT TO 7829' (JUNK)
RIG DOWN FLOOR, NIPPLE DOWN BOPE, NIPPLE UP WELLHEAD. PUMP 7 GALLON CORROSION INHIBITOR SWEEP, PRESSURE TEST TUBING TO 500 PSI FOR 10 MINUTES, GOOD TEST PUMP OFF PUMP OUT PLUG AT 1050PSI.
RIG DOWN UNIT AND AIR COMPRESSOR. RIG RELEASED TO THE SAN JUAN 30-6 #8A
SECURE WELL AND TRAVEL TO YARD.

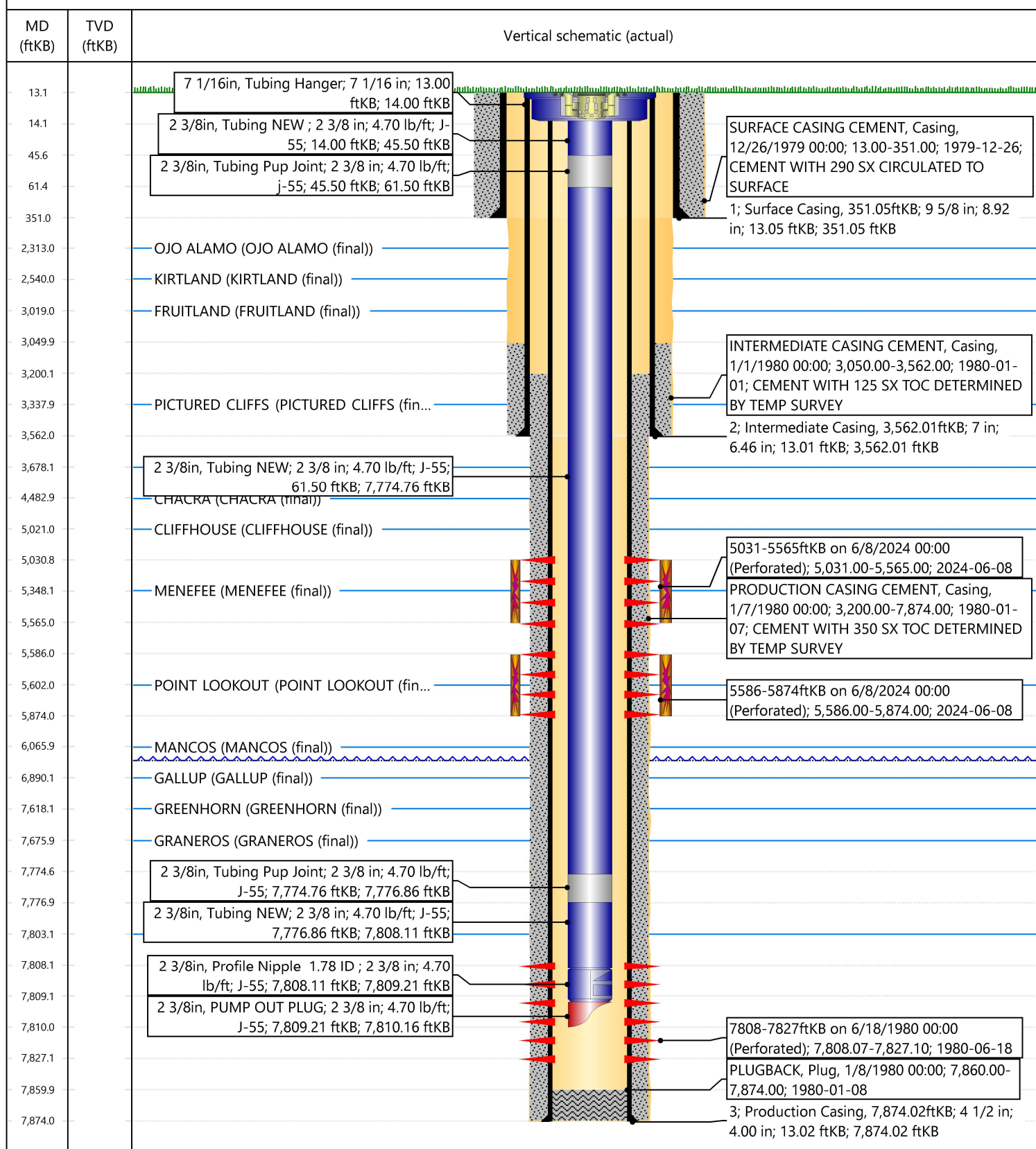


## Current Schematic - Version 3

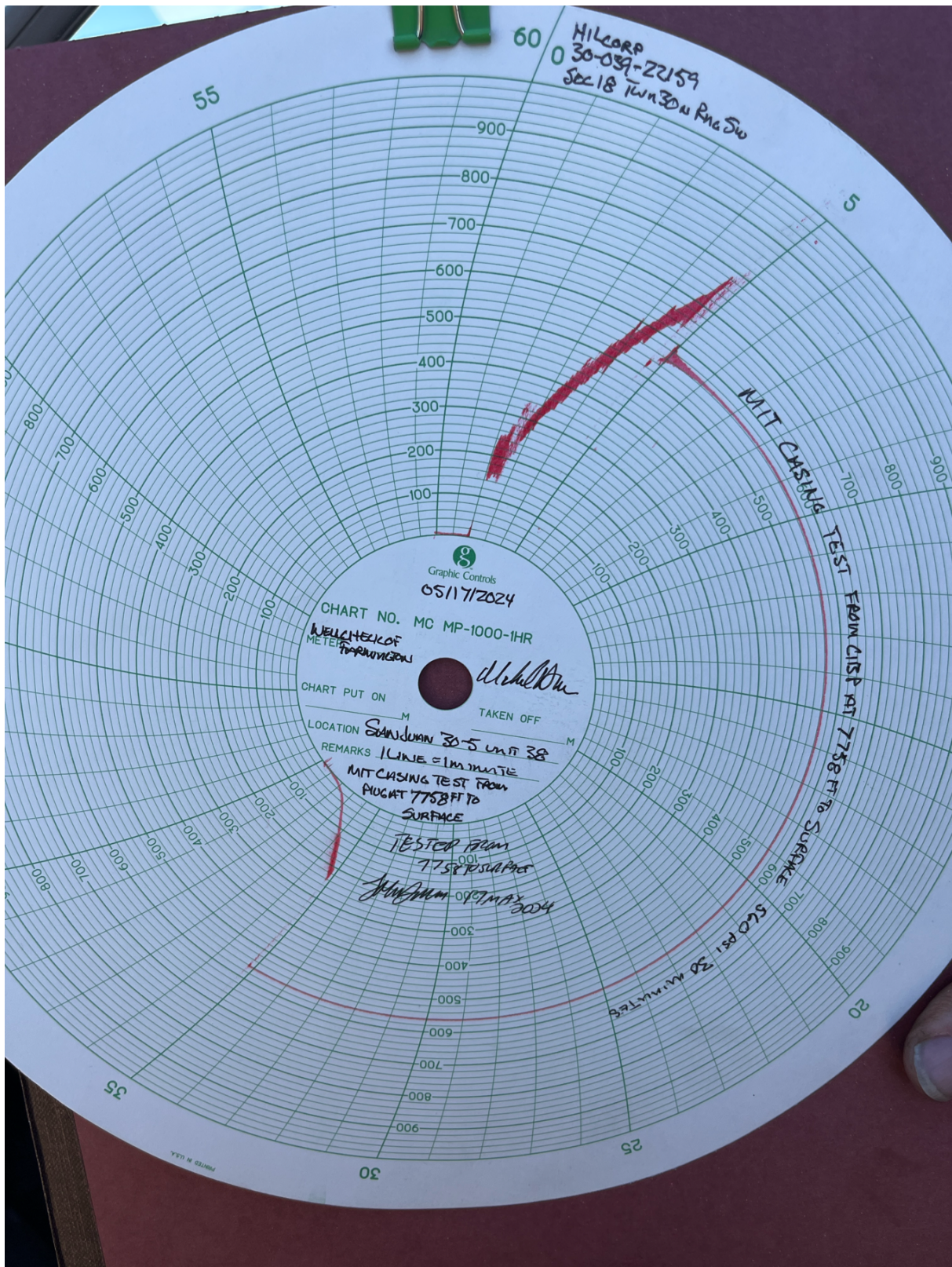
Well Name: SAN JUAN 30-5 UNIT #38

API / UWI 3003922159	Surface Legal Location 018-030N-005W-G	Field Name DK	Route 1201	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,397.00	Original KB/RT Elevation (ft) 6,410.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole [Vertical]









NEW MEXICO ENERGY, MINERALS and  
NATURAL RESOURCES DEPARTMENTMECHANICAL INTEGRITY TEST REPORT  
(TA OR UIC)

Date of Test 17-MAY-2024 Operator HILLCO API # 30-039-22159  
Property Name SAN JUAN 30-5 Well # 38 Location: Unit C Sec 18 Twn 30 Rge 5  
Land Type: State \_\_\_\_\_ Well Type: Water Injection \_\_\_\_\_  
Federal \_\_\_\_\_ Salt Water Disposal \_\_\_\_\_  
Private \_\_\_\_\_ Gas Injection \_\_\_\_\_  
Indian \_\_\_\_\_ Producing Oil/Gas X  
Pressure observation \_\_\_\_\_

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

Casing Pres. 570 Tbg. SI Pres. \_\_\_\_\_ Max. Inj. Pres. \_\_\_\_\_  
Bradenhead Pres. 0 Tbg. Inj. Pres. \_\_\_\_\_  
Tubing Pres. N/A  
Int. Casing Pres. 0

Pressured annulus up to 570 psi. for 30 mins. Test passed/failed

REMARKS: TESTED FROM 7758 TO SURFACE.  
1000 PSI SPRINGS 60 MINUTE CLOCK. THE CASING WAS  
PRESSURED UP TO 570 PSI AND PRESSURE FELL TO 560  
PSI, AND HELD FOR THE LAST 20 MINUTES

By Joe McQuinn Witness [Signature]  
(Operator Representative) (NMOCD)  
(Position)

Revised 02-11-02

Oil Conservation Division \* 1000 Rio Brazos Road \* Aztec, New Mexico 87410  
Phone: (505) 334-6178 \* Fax (505) 334-6170 \* <http://www.emnrd.state.nm.us>





# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
[http://emnr.state.nm.us/ocd/District III/district.htm](http://emnr.state.nm.us/ocd/District%20III/district.htm)

## BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 17-MAY-2024 Operator HLCOR API #30-0 39-22159

Property Name SAN JUAN 305 Well No. 38 Location: Unit 6 Section 19 Township 3 Range 5

Well Status (Shut-In or Producing) Initial PSI: Tubing N/A Intermediate 0 Casing 0 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Bradenhead	Int	Csg	Int
TIME					
5 min	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
10 min	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
15 min	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
20 min					
25 min					
30 min					

## FLOW CHARACTERISTICS

BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing	<u>X</u>
Gas	
Gas & Water	
Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR      FRESH      SALTY      SULFUR      BLACK     

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 0 INTERMEDIATE 0

REMARKS:

By

Joe M. Edwards

(Position)

E-mail address

Witness

[Signature]



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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. <b>NMSF078994</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr.,										6. If Indian, Allottee or Tribe Name	
Other: <b>Recomplete</b>										7. Unit or CA Agreement Name and No.	
2. Name of Operator <b>Hilcorp Energy Company</b>										8. Lease Name and Well No. <b>San Juan 30-5 Unit 38</b>	
3. Address <b>382 Road 3100, Aztec, NM 87410</b>					3a. Phone No. (include area code) <b>(505) 599-3400</b>					9. API Well No. <b>30-039-22159</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>G (SWNE) 1520' FNL &amp; 1535' FEL</b>  At top prod. Interval reported below  At total depth										10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>	
										11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 18, 30N, R05W</b>	
										12. County or Parish <b>Rio Arriba</b>	13. State <b>New Mexico</b>
14. Date Spudded <b>12/26/1979</b>			15. Date T.D. Reached <b>1/6/1980</b>			16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>6/13/2024</b>			17. Elevations (DF, RKB, RT, GL)* <b>6397' GR</b>		
18. Total Depth: <b>7874'</b>				19. Plug Back T.D.: <b>7860'</b>				20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</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)			
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
12 1/4"		9 5/8", K-55		36#		351'		290 sx			
8 3/4"		7", K-55		20#		3562'		125 sx			
6 1/4"		4 1/2", K-55		11.6/10.5#		7874'		350 sx			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7810'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Menefee/Cliffhouse		5031'	5565'	1 SPF		0.35	28	Open			
B) Point Lookout		5586'	5874'	1 SPF		0.35"	33	Open			
C)							Total 61				
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
Menefee/Cliffhouse (5031' - 5565')			FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 663 BBLS SLICKWATER: 651 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 100,611 LBS TOTAL N2: 991,000 SCF								
Point Lookout (5586' - 5874')			FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 945 BBLS SLICKWATER: 933 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 150,798 LBS TOTAL N2: 1,339,000 SCF								
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		
6/13/2024		4	➡	0	92	0			Flowing		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
18/64"	SI - 70	SI - 650	➡	0	552	0		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		➡								

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 (Sold, 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	2313'	2540'	White, cr-gr ss	Ojo Alamo	2313'
Kirtland	2540'	3019'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2540'
Fruitland	3019'	3338'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3019'
Pictured Cliffs	3338'	3678'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3338'
Lewis	3678'	4483'	Shale w/ siltstone stingers	Lewis	3678'
Chacra	4483'	5021'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4483'
Cliffhouse	5021'	5348'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5021'
Menefee	5348'	5602'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5348'
Point Lookout	5602'	6066'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5602'
Mancos	6066'	6890'	Dark gry carb sh.	Mancos	6066'
Gallup	6890'	7618'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6890'
Greenhorn	7618'	7676'	Highly calc gry sh w/ thin lmst.	Greenhorn	7618'
Graneros	7676'	7803'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7676'
Dakota	7803'		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7803'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	'

32. Additional remarks (include plugging procedure):

This well is now producing as a MV/DK Commingle under DHC 5373  
MV PA# NMNM 078419A

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)

Amanda Walker

Title

Operations/Regulatory Technician - Sr.

Signature



Date

6/20/2024

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.

## Mandi Walker

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**From:** blm-afmss-notifications@blm.gov  
**Sent:** Thursday, June 20, 2024 4:41 PM  
**To:** Mandi Walker  
**Subject:** [EXTERNAL] Well Name: SAN JUAN 30-5 UNIT, Well Number: 38, 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 30-5 UNIT**
- Well Number: **38**
- US Well Number: **3003922159**
- Well Completion Report Id: **WCR2024062092083**

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

**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 356445

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 356445
	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.

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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 356445

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 356445
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	6/25/2024