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

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410	372171
	[3] Reason for Filing Code/ Effective Date RC

[4] API Number	[5] Pool Name	[6] Pool Code
30-039-21701	Basin Fruitland Coal	71629

[7] Property Code	[8] Property Name	[9] Well Number
318716	San Juan 30-6 Unit	8A

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
C	31	30N	07W		640	N	800	W	Rio Arriba

[11] 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.

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
7/17/1978	6/15/2024	3857’	3849’	2727’ – 2857’	Pending DHC Approval NSL 8724

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
13 3/4"	9 5/8”, 32.3#, H-40	224’	190 sx / 224 cu ft.
8 3/4"	7”, 20#, K-55	3251’	324 sx / 319 cu ft.
6 1/4"	4 1/2", 10.5#, KS	3857’	80 sx / 85 cu ft.
	2 3/8”, 4.7#, J-55	2842’	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
	6/15/2024	6/15/2024	4 hrs	SI- 457	SI - 300

[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method
14/64”	0	0	12		Flowing

[42] 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: AWalker

Printed name: Amanda Walker

Title: Operations Regulatory Tech Sr.

E-mail Address: mwalker@hilcorp.com

Date: 6/27/2024

Phone: 346-237-2177

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

07/02/2024

Well Name: SAN JUAN 30-6 UNIT

Well Location: T30N / R7W / SEC 31 / NENW / 36.774582 / -107.61525

County or Parish/State: RIO ARRIBA / NM

Well Number: 8A

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM012709

Unit or CA Name: SAN JUAN 30-6 UNIT --MV

Unit or CA Number: NMNM78420A

US Well Number: 3003921701

Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2797609

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/27/2024

Time Sundry Submitted: 12:15

Date Operation Actually Began: 05/29/2024

Actual Procedure: The following well has been recompleted into the Fruitland Coal. The Mesaverde is currently shutin pending DHC approval. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SAN_JUAN_30_6_UNIT_8A_SR_RC_Writeup_20240627121508.pdf

Well Name: SAN JUAN 30-6 UNIT

Well Location: T30N / R7W / SEC 31 / NENW / 36.774582 / -107.61525

County or Parish/State: RIO ARRIBA / NM

Well Number: 8A

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM012709

Unit or CA Name: SAN JUAN 30-6 UNIT --MV

Unit or CA Number: NMNM78420A

US Well Number: 3003921701

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 27, 2024 12:15 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: 06/27/2024

Signature: Kenneth Rennick

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 30-6 UNIT #8A

API: 3003921701	**Field: BLANCO MESAVERDE (PRORATED GAS**	**State: NEW MEXICO**
Permit to Drill (PTD) #:	**Sundry #:**	**Rig/Service: RIGLESS 1**

Jobs

Actual Start Date: 5/29/2024 **End Date:**

Report Number	Report Start Date	Report End Date
1	5/29/2024	5/29/2024

Operation

MOVE FROM THE SAN JUAN 29-6 #222 TO THE SAN JUAN 30-6 #8A (21 MILE MOVE). SPOT RIG AND EQUIPMENT.

RIG UP.
.
SITP: 40 PSI
SICP: 35 PSI
SIIC: 0 PSI
SIBH: 0 PSI
BLOW DOWN WELL 2 MIN.

NIPPLE DOWN WELLHEAD, NIPPLE UP BOPE. RIG UP FLOOR.
FUNCTION TEST BOPE (GOOD).

PULL AND LAY DOWN TUBING HANGER. DID NOT TAG FOR FILL.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
2	5/30/2024	5/30/2024

Operation

CREW TRAVEL TO LOCATION

SERVICE AND START EQUIPMENT
.
SITP: 35 PSI
SICP: 35 PSI
SIIC: 0 PSI
SIBH: 0 PSI
BLOW DOWN WELL 2 MIN.

SAFETY MEETING, RIG UP TUBOSCOPE LAY DOWN TOOL
TRIP OUT OF HOLE INSPECTING 2 3/8" PRODUCTION TUBING.
.
121- YELLOW
0- BLUE
0- GREEN
0- RED
.
RIG DOWN TUBOSCOPE SCANNING EQUIPMENT.

PICK UP 3 7/8" BIT AND STRING MILL AND TRIP IN THE HOLE WITH 121 JOINTS TO 3820'.
TRIP OUT OF THE HOLE, LAY DOWN SCRAPER.

PICK UP 4 1/2" CIBP AND TRIP IN THE HOLE, **SET PLUG AT 3779**'.
PRESSURE TEST CASING TO 600 PSI WITH RIG PUMP, PRESSURE CONTINUED TO CLIMB.
TRIP OUT WITH SETTING TOOL.

RIG UP BASIN WIRELINE AND RUN CBL WITH 600 PSI ON THE CASING DURING LOG.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
3	5/31/2024	5/31/2024

Operation

CREW TRAVEL TO LOCATION

SERVICE AND START EQUIPMENT
.
SITP: 0 PSI
SICP: 0 PSI
SIIC: 0 PSI
SIBH: 0 PSI
NO BLOW DOWN.

PRESSURE TEST CASING TO 600 PSI FOR 30 MINUTES WITH RIG PUMP, GOOD TEST.

WAIT ON APPROVAL FROM NMOCD AND BLM.

RIG UP BASIN WIRELINE AND SHOOT 4 SQUEEZE HOLES AT 3000'
ESTABLISH CIRCULATION DOWN 4 1/2" CASING AND UP THE 7"
CASING WITH 50 BBLS OF WATER.

PICK UP 4 1/2" CEMENT RETAINER AND TRIP IN THE HOLE.
SET RETAINER AT 2970'

RIG UP DRAKE ENERGY, MIX AND PUMP 81 SACKS OF TYPE 3 CEMENT. 14.6#.
19.7 BBLS OF SLURRY 1.37 YIELD, 950' PLUG 3000' TO 2055'
GOOD CIRCULATION THROUGHOUT CEMENT JOB.

TRIP OUT OF THE HOLE WITH SETTING TOOL.

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 30-6 UNIT #8A

API: 3003921701 | **Field: BLANCO MESAVERDE (PRORATED GAS** | **State: NEW MEXICO**

Sundry #: | **Rig/Service: RIGLESS 1**

Operation
SECURE WELL AND LOCATION
TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
4	6/1/2024	6/1/2024

Operation
CREW TRAVEL TO LOCATION
SERVICE AND START EQUIPMENT . SITP: 0 PSI SICP: 0 PSI SIIC: 0 PSI SIBH: 0 PSI NO BLOW DOWN.
PICK UP 3 7/8" JUNK MILL AND TRIP IN THE HOLE. TAG CEMENT AT 2875', PICK UP AND RIG UP POWER SWIVEL.
DRLG CEMENT AND RETAINER FROM 2875 TO 3000'.
TRIP OUT OF THE HOLE, LAY DOWN DRILL OUT ASSEMBLY.
RIG UP BASIN WIRELINE AND RUN CBL FROM 3100' TO SURFACE
PRESSURE TEST CASING TO 600 PSI FOR 30 MINUTES WITH RIG PUMP, GOOD TEST.
SECURE WELL AND LOCATION
TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
5	6/3/2024	6/3/2024

Operation
CREW TRAVEL TO LOCATION
SERVICE AND START EQUIPMENT . SITP: 0 PSI SICP: 0 PSI SIIC: 0 PSI SIBH: 0 PSI NO BLOW DOWN.
PRE MIT. WITNESSED MIT. ANTHONY BUNNY WITH NMOCD ON LOCATION.
NIPPLE DOWN 2K WELLHEAD, STUB UP 4 1/2" CASING, NIPPLE UP 5K WELLHEAD. NIPPLE UP AND FUNCTION TEST BOPE.
PICK UP 4 1/2" SCBP AND TRIP IN THE HOLE, **SET AT 2910'**.
TRIP OUT OF HOLE LAYING DOWN TUBING
SECURE WELL AND LOCATION
TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
6	6/4/2024	6/4/2024

Operation
CREW TRAVEL TO LOCATION
SERVICE AND START EQUIPMENT . SITP: 0 PSI SICP: 0 PSI SIIC: 0 PSI SIBH: 0 PSI NO BLOW DOWN.
LAY DOWN SWIVEL, RIG DOWN FLOOR, NIPPLE DOWN BOPE.
NIPPLE UP 5K TEST FLANGE, RIG UP WELLCHECK AND TEST 4 1/2" CASING TO 3800 PSI FOR 30 MINUTES.(GOOD TEST)
RIG DOWN, RIG RELEASED TO THE SAN JUAN 29-6 #237.

Report Number	Report Start Date	Report End Date
7	6/12/2024	6/12/2024

Operation
MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.
R/U BASIN WELL LOGGING. RIH AND CORRELATE TO LOG RAN ON 5-30-2024. **PERFORATE FRUITLAND COAL ZONE FROM (2,791' - 2,857') 3 SPF, 0.42" HOLE, 60 SHOTS TOTAL**. 2,791' - 2,796', 2,798' - 2,799', 2,801' - 2,803', 2,806' - 2,808', 2,813' - 2,815', 2,817' - 2,821', 2,848' - 2,849', 2,854' - 2,857'. ALL SHOTS FIRED.
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 4,500 PSI. GOOD TEST.
HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 30-6 UNIT #8A

API: 3003921701	**Field: BLANCO MESAVERDE (PRORATED GAS**	**State: NEW MEXICO**
	Sundry #:	**Rig/Service: RIGLESS 1**

Operation
FRUITLAND COAL STIMULATION: (2,791' - 2,857') FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 893 BBLS TOTAL SLICKWATER: 536 BBLS TOTAL ACID: 24 BBLS TOTAL L FRAC 20: 333 BBLS TOTAL 100 MESH SAND: 5,063 LBS TOTAL 20/40 SAND: 50,589 LBS TOTAL N2: 931,000 SCF AVERAGE RATE: 49 BPM MAX RATE: 61 BPM AVERAGE PRESSURE: 3,152 PSI MAX PRESSURE: 3,800 PSI MAX SAND CONC: 2.5 PPG DOWNHOLE SCREENED OUT 10 BBLS SHORT OF FLUSH VOLUME.
SHUT IN, SECURE WELL.
RIG DOWN AND MOVE OUT N2 PUMPS TO MAKE ROOM FOR WATER TRANSFER.

Report Number	Report Start Date	Report End Date
8	6/13/2024	6/13/2024

Operation
R/U GORE N2. PRESSURE TEST LINES TO 4,500 PSI - GOOD TEST. PUMP 75 BBLS AT 5 BPM TO FLUSH WELL.
R/U BASIN WELL LOGGING. RIH AND CORRELATE TO LOG RAN ON 5-30-2024. **SET COMPOSITE BRIDGE PLUG AT 2,777'. PERFORATE FRUITLAND COAL ZONE FROM (2,727' - 2,764') WITH 3 SPF, 0.42" HOLE, 57 SHOTS TOTAL**. 2,727' - 2,732', 2,748' - 2,756', 2,758' - 2,764'. ALL SHOTS FIRED. POOH.
RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.
HELD PRE JOB SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
FRUITLAND COAL STIMULATION: (2,727' - 2,764') FRAC AT 40 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 906 BBLS TOTAL SLICKWATER: 542 BBLS TOTAL ACID: 24 BBLS TOTAL L FRAC 20: 340 BBLS TOTAL 100 MESH SAND: 5,074 LBS TOTAL 20/40 SAND: 18,224 LBS TOTAL N2: 884,000 SCF AVERAGE RATE: 35.6 BPM MAX RATE: 50.8 BPM AVERAGE PRESSURE: 3,288 PSI MAX PRESSURE: 3,800 PSI MAX SAND CONC: 1.5 PPG DOWNHOLE SCREENED OUT 15 BBLS SHORT OF FLUSH VOLUME.
SHUT IN, SECURE WELL AND LOCATION.
R/D FRAC, N2 AND WIRELINE.

Report Number	Report Start Date	Report End Date
9	6/13/2024	6/13/2024

Operation
CREW TRAVEL TO LOCATION.
MOVE FROM THE SAN JUAN 30-5 #38 TO THE SAN JUAN 30-6 #8A (30 MILE MOVE). WAIT ON STAGING LOCATION FOR FRAC TO FINISH. SPOT RIG AND EQUIPMENT.
RIG UP. . SITP: 0 PSI SICP: 0 PSI SIIC: 1600 PSI SIBH: 0 PSI BLEED DOWN WELL 1 HOUR
RIG UP BIG RED TO FRAC STACK, BLEED DOWN WELL. INSTALL BPV IN HANGER, NIPPLE DOWN FRAC STACK, NIPPLE UP BOPE, RIG UP FLOOR
RIG UP WELLCHECK PRESSURE TEST BLIND AND PIPE RAMS, 250 PSI LOW AND 2500 PSI HIGH. FAILED TEST. BOPE WILL HAVE TO BE REPLACED.
SECURE WELL AND TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
10	6/14/2024	6/14/2024

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 30-6 UNIT #8A

API: 3003921701	**Field: BLANCO MESAVERDE (PRORATED GAS**	**State: NEW MEXICO**
	Sundry #:	**Rig/Service: RIGLESS 1**

Operation
CREW TRAVEL TO LOCATION.
NIPPLE DOWN AND REPLACE BOPE. . SITP: 0 PSI SICP: 1400 PSI SIBH: 0 PSI BLEED DOWN WELL 30 MINUTES
RIG UP WELLCHECK AND PRESSURE TEST BLIND AND PIPE RAMS, 250 PSI LOW AND 2500 PSI HIGH, GOOD TEST. PULL AND LAY DOWN TUBING HANGER.
PICK UP 3 7/8" JUNK MILL AND TRIP IN THE HOLE PICKING UP TUBING. TAG AT 2758', ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR. RETURNS ARE UP TO ARE 3 CUPS OF SAND DOWN 1 CUP.CLEAN OUT AND **DRILL PLUG AT 2777'**. CONTINUE IN THE HOLE CLEAN OUT SAND TO THE BOTTOM OF FRAC PLUG AT 2910'. CIRCULATE WELL CLEAN. . F-485 FOAMER- 3 GALLONS. CRW-9152A INHIB - 3 GALLONS. DIESEL FUEL - 100 GALLONS. WATER- 50 BBLS
HANG SWIVEL BACK, TRIP OUT OF THE HOLE WITH MILLING ASSEMBLY. WAIT ON LIGHTNING STORM TO PASS.
SECURE WELL AND TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
11	6/15/2024	6/15/2024

Operation
CREW TRAVEL TO LOCATION.
SERVICE AND START EQUIPMENT . SITP: 0 PSI SICP: 600 PSI SIBH: 0 PSI BLEED DOWN WELL 5 MINUTES
PICK UP BHA AND TRIP IN THE HOLE DRIFTING. TAG 2' OF FILL AT 2908'.
RIG DOWN FLOOR, NIPPLE DOWN BOPE, NIPPLE UP WELLHEAD. PUMP 3 GALLONS CORROSION INHIBITOR SWEEP, PRESSURE TEST TUBING TO 500 PSI FOR 10 MINUTES, GOOD TEST PUMP OFF PUMP OUT PLUG AT 1000PSI.
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 (31.50') (1)- 2 3/8" X 2' MARKER JOINT. (89)- 2 3/8" 4.7# J-55 TBG (2794.83') (1)- 2 3/8" X 5K TUBING HANGER . EOT @ 2842' SEAT NIPPLE @ 2839' PBTD @ 2910' BASE OF FRAC PLUG AT 2910'
RIG DOWN UNIT AND AIR COMPRESSOR. RIG RELEASED TO THE SAN JUAN 29-6 #239. WONT MOVE RIG UNTIL TUESDAY 6/18/24 MOVE RIG TO STAGING LOCATION.
RELEASE WELL TO FLOWBACK. TRAVEL TO YARD.

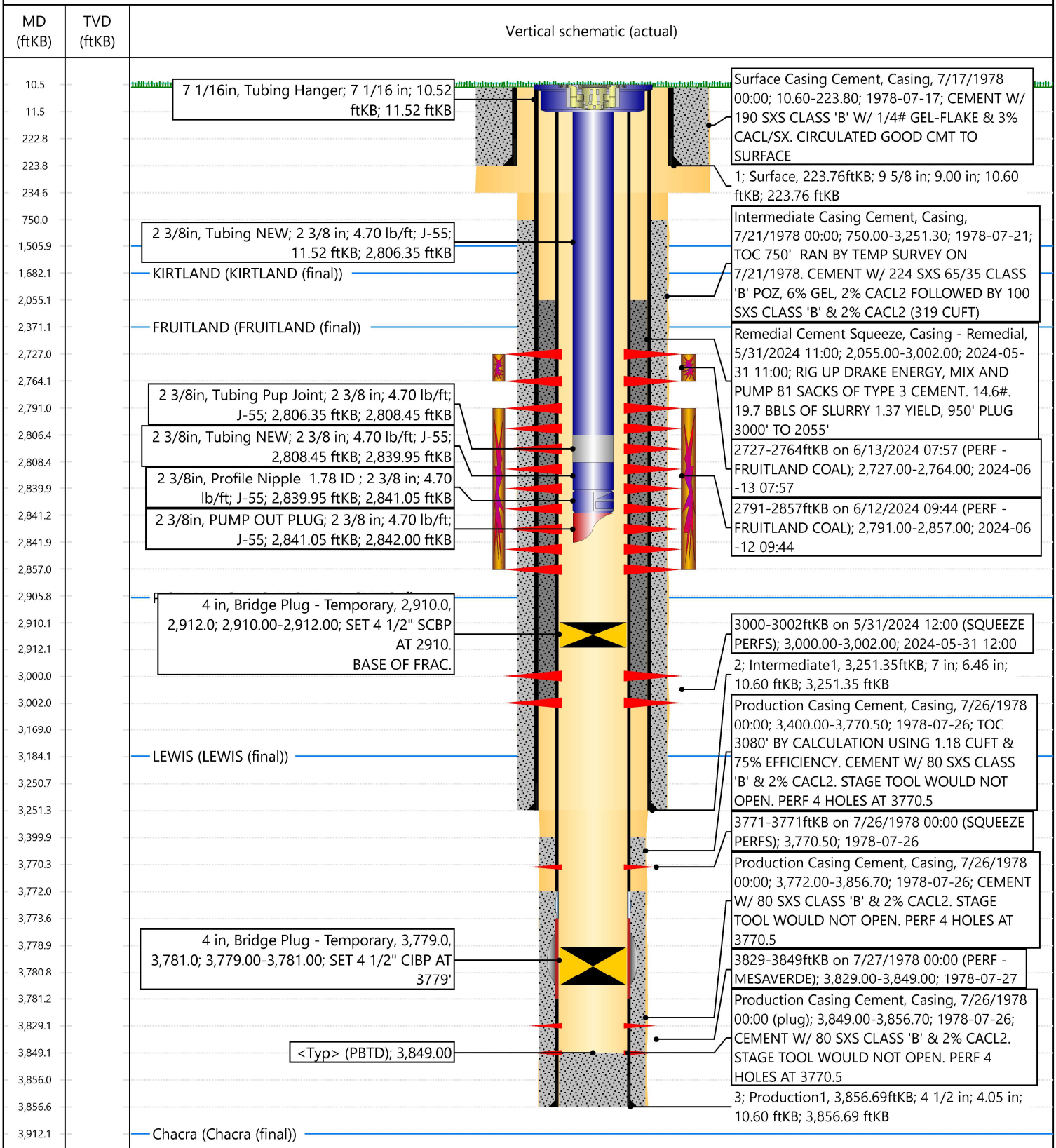
Hilcorp Energy Company

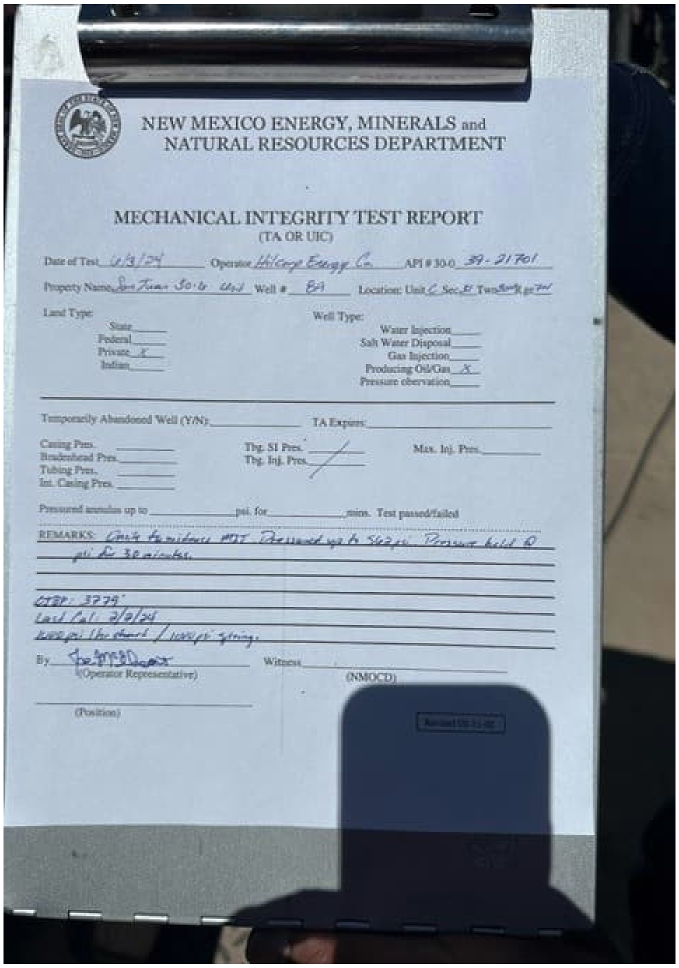
Current Schematic - Version 3

Well Name: SAN JUAN 30-6 UNIT #8A

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003921701	031-030N-007W-D	BLANCO MESAVERDE (PRORATED GAS	1107	NEW MEXICO	
Ground Elevation (ft)	**Original KB/RT Elevation (ft)**	**Tubing Hanger Elevation (ft)**	**RKB to GL (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Hanger Distance (ft)**
6,050.00	6,060.60		10.60		

Original Hole





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 6/3/24 Operator Hilcorp Energy Co. API # 30-0 39-21701

Property Name San Juan 30-6 Unit Well # 8A Location: Unit C Sec 31 Twn 30N Rge 7W

Land Type:
- State____
- Federal____
- Private X
- Indian____

Well Type:
- Water Injection____
- Salt Water Disposal____
- Gas Injection____
- Producing Oil/Gas X
- Pressure observation____

Temporarily Abandoned Well (Y/N):________ TA Expires:________

Casing Pres. ________ Tbg. SI Pres. ________ Max. Inj. Pres. ________
Bradenhead Pres. ________ Tbg. Inj. Pres. ________
Tubing Pres. ________
Int. Casing Pres. ________

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

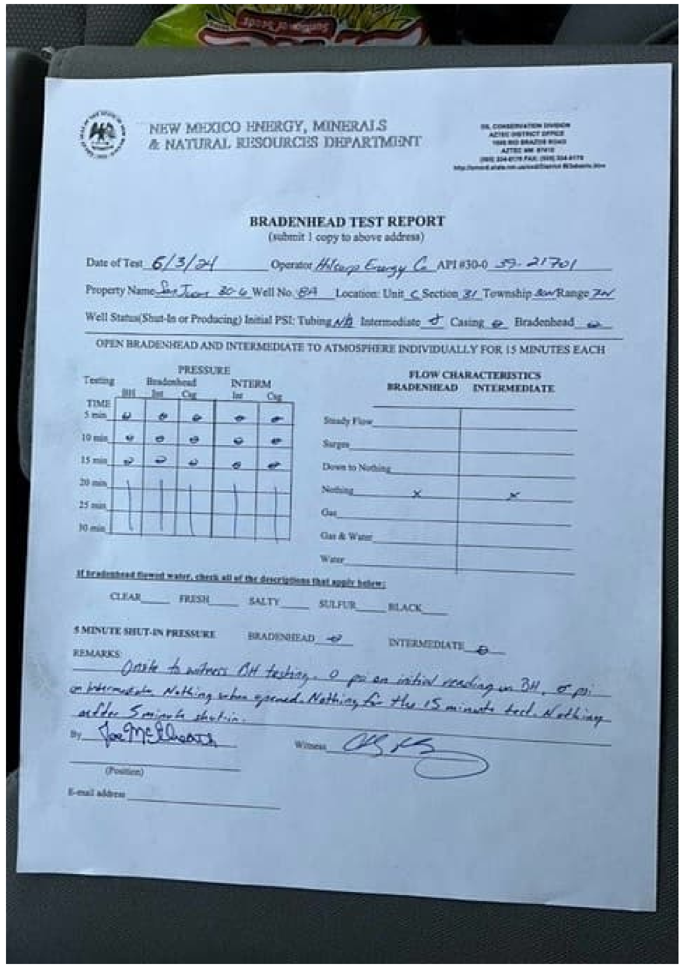
REMARKS: Onsite to witness MIT. Pressured up to 562 psi. Pressure held 0 psi for 30 minutes.

CIBP: 3779'
Last Cal: 2/9/24
1000 psi 1hr chart / 1000 psi spring.

By Joe McElvain
(Operator Representative)

Witness ________
(NMOCD)

____
(Position)



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 6/3/24 Operator Hilcorp Energy Co. API #30-0 39-21701

Property Name San Juan 30-6 Well No. 8A Location: Unit C Section 31 Township 30N Range 7W

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

PRESSURE

Testing TIME	BH	Bradenhead Int	Bradenhead Csg	INTERM Int	INTERM Csg
5 min	0	0	0	0	0
10 min	0	0	0	0	0
15 min	0	0	0	0	0
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS

	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing		
Nothing	X	X
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

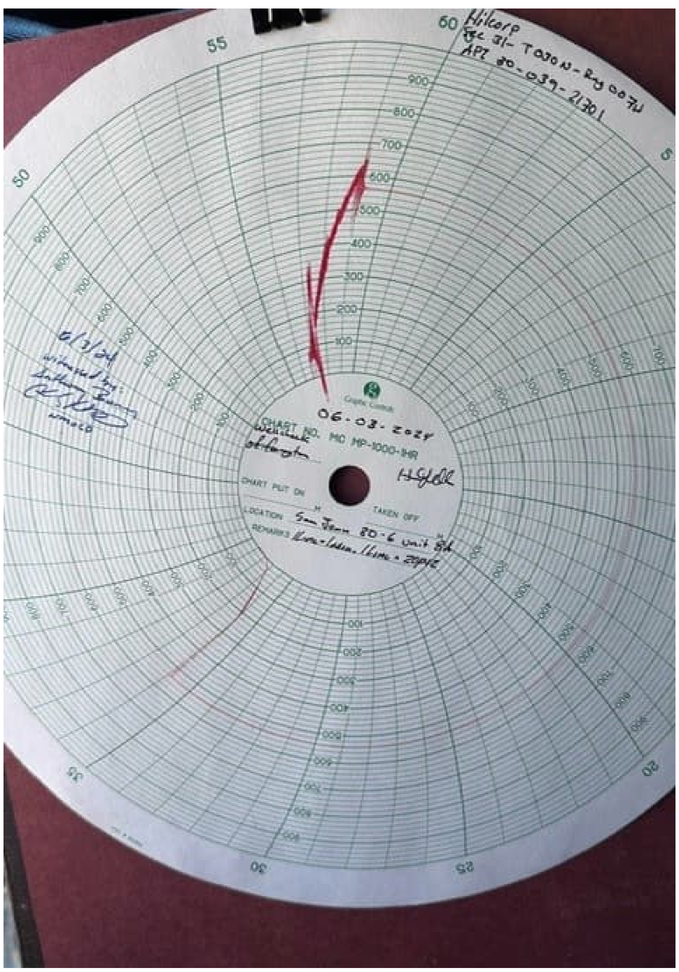
REMARKS:
Onsite to witness BH testing. 0 psi on initial reading on BH, 0 psi on intermediate. Nothing when opened. Nothing for the 15 minute test. Nothing after 5 minute shut-in.

By Joe McElvain

Witness [signature]

____
(Position)

E-mail address ________



Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, June 3, 2024 4:42 PM
To: Kade, Matthew H; Amanda Atencio; Rennick, Kenneth G
Cc: Farmington Regulatory Techs; Scott Anderson; Brian Bradshaw; Joe McElreath - (C)
Subject: RE: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

Categories: NMOCD

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

Looks like bare minimum on the cement – 50 feet of really good cement - the rest is ratty – that is both above and below.

NMOCD approves continuing with recomplete in Fruitland Coal formation through perforations from 2727 to 2900.

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

From: Kade, Matthew H <mkade@blm.gov>
Sent: Monday, June 3, 2024 10:29 AM
To: Amanda Atencio <Amanda.Atencio@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

Pending successful MIT, the BLM approves of moving forward with the recompletion with the updated perf interval of 2,727' - 2900'

Matthew Kade
Petroleum Engineer
BLM - Farmington Field Office
6251 College Blvd
Farmington, NM 87402
Office: (505) 564-7736

From: Amanda Atencio <Amanda.Atencio@hilcorp.com>
Sent: Monday, June 3, 2024 10:05 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Kade, Matthew H <mkade@blm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

Monica/Kenny/Matthew,

Please see the attached CBL that was ran on the 4-1/2" casing of the San Juan 30-6 Unit 8A, post cement remediation. TOC is at 1,800' and BOC is 3,002'. Pending a successful MIT, Hilcorp is requesting to continue with our recomplete through perf range: 2,727' – 2,900'.

Please let me know if additional information is needed.

Thank you,

Amanda Atencio

Operations Engineer – SJE

Hilcorp Energy Company

Office: (346) 237-2160

Cell: (719) 393-2721

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, May 31, 2024 11:44 AM
To: Amanda Atencio <Amanda.Atencio@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Kade, Matthew H <mkade@blm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

The BLM finds the proposed procedure for 3000 to 2200 to be appropriate. Proposed perforations will still need additional review based on the cement remediation results.

Kenneth Rennick

From: Amanda Atencio <Amanda.Atencio@hilcorp.com>
Sent: Friday, May 31, 2024 10:17 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

Thank you, Moncia. Per our verbal conversation – we will shoot squeeze holes at 3,000' and circulate to 2,200'.

-Amanda

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Friday, May 31, 2024 10:07 AM
To: Amanda Atencio <Amanda.Atencio@hilcorp.com>
Cc: krennick@blm.gov; mkade@blm.gov; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

You have to go 100 feet below 2900 which will put you at 3000 feet the int shoe is 3251 you also have to get cement above you at 2221 to 2371

Please pump cement below int shoe and in to the shoe you can extend shoe cement to 2200

Monica kuehling

Nmocd

Sent from my iPad

On May 31, 2024, at 8:46 AM, Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov> wrote:

Amanda

Where is the chacra

Monica

Sent from my iPad

On May 31, 2024, at 8:38 AM, Amanda Atencio <Amanda.Atencio@hilcorp.com> wrote:

Bradenhead and intermediate are both 0 psi.

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Friday, May 31, 2024 9:27 AM
To: Amanda Atencio <Amanda.Atencio@hilcorp.com>
Cc: krennick@blm.gov; mkade@blm.gov; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

Amanda

There is no cement at intermediate shoe what are the pressures on bradenhead and intermediate

Monica

Nmocd

Sent from my iPad

On May 31, 2024, at 8:13 AM, Amanda Atencio <Amanda.Atencio@hilcorp.com> wrote:

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

Monica/Kenny/Matthew,

Please see the attached CBL that was ran during the recomplete wellbore prep for San Juan 30-6 Unit 8A. Based on the CBL – we do not have adequate cement coverage across our zone of interest (NOI approved interval: 2,371' – 2,905'). Current TOC is at 3,400'.

We would like request approval to shoot squeeze holes at +/- 2,900', set a cement retainer and circulate cement up the 4-1/2" x 7" casing annulus to achieve sufficient cement coverage across the Fruitland Coal interval. The Current schematic is attached for reference. Please let us know if we may proceed with cement remediation as described.

Thank you,

Amanda Atencio

Operations Engineer – SJE

Hilcorp Energy Company

Office: (346) 237-2160

Cell: (719) 393-2721

<SAN JUAN 30-6 UNIT 08A.pdf>

<Reporting - Current Schematic - Version 3 - SAN JUAN 30-6 UNIT 8A - 2024-05-31 07.17.35.pdf>

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The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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.: **NMNM012709**

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [X] 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 30-6 Unit 8A**

3. Address: **382 Road 3100, Aztec, NM 87410**

3a. Phone No. *(include area code)*: **(505) 599-3400**

9. API Well No.: **30-039-21701**

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

At surface: **C (NENW) 640 FNL & 800 FWL**

At top prod. Interval reported below

At total depth

10. Field and Pool or Exploratory: **Basin Fruitland Coal**

11. Sec., T., R., M., on Block and Survey or Area: **Sec. 31, T 30N, R07W**

12. County or Parish: **Rio Arriba**

13. State: **New Mexico**

14. Date Spudded: **7/17/1978**

15. Date T.D. Reached: **7/26/1978**

16. Date Completed: **6/15/2024** [ ] D & A [X] Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: **6050' GL**

18. Total Depth: **3857'**

19. Plug Back T.D.: **3849'**

20. Depth Bridge Plug Set: MD / TVD **2910' & 3779'**

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

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] 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", H-40	32.3#		224'		190 sx / 224 cu ft.			
8 3/4"	7", K-55	20#		3251'		324 sx / 319 cu ft.			
6 1/4"	4 1/2", KS	10.5#		3857'		80 sx / 85 cu ft.			

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"	2842'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Basin Fruitland Coal	2727'	2857'	3 SPF	0.42	117	Open
B)	Cement Remediation	3000'	3002'	2 SPF	0.5	4	Squeezed
C)							
D)							

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

Depth Interval	Amount and Type of Material
Fruitland Coal (2727' - 2764')	FRAC AT 40 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 906 BBLS TOTAL SLICKWATER: 542 BBLS TOTAL ACID: 24 BBLS TOTAL L FRAC 20: 340 BBLS TOTAL 100 MESH SAND: 5,074 LBS TOTAL 20/40 SAND: 18,224 LBS TOTAL N2: 884,000 SCF
Fruitland Coal (2791' - 2857')	FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 893 BBLS TOTAL SLICKWATER: 536 BBLS TOTAL ACID: 24 BBLS TOTAL L FRAC 20: 333 BBLS TOTAL 100 MESH SAND: 5,063 LBS TOTAL 20/40 SAND: 50,589 LBS TOTAL N2: 931,000 SCF
Cmt Remediation	MIX AND PUMP 81 SACKS OF TYPE 3 CEMENT. 14.6#. 19.7 BBLS OF SLURRY 1.37 YIELD, 950' PLUG 3000' TO 2055'

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
6/15/2024	6/15/2024	4	→	0	12	0			Flowing

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
14/64"	SI - 457	SI - 300	→	0	72	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. 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
			[redacted]						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			[redacted]					

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
			[redacted]						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			[redacted]					

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	**1506'**	**1682'**	White, cr-gr ss	**Ojo Alamo**	**1506'**
Kirltand	**1682'**	**2371'**	Gry sh interbedded w/tight, gry, fine-gr ss.	**Kirtland**	**1682'**
Fruitland	**2371'**	**2906'**	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	**Fruitland**	**2371'**
Pictured Cliffs	**2906'**	**3184'**	Bn-Gry, fine grn, tight ss.	**Pictured Cliffs**	**2906'**
Lewis	**3184'**	**3912'**	Shale w/ siltstone stingers	**Lewis**	**3184'**
Chacra	**3912'**	'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	**Chacra**	**3912'**
Cliffhouse	'	'	Light gry, med-fine gr ss, carb sh & coal	**Mesaverde**	'
Menefee	'	'	Med-dark gry, fine gr ss, carb sh & coal	**Menefee**	'
Point Lookout	'	'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	**Point Lookout**	'
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 Fruitland Coal STANDALONE. The Mesaverde is currenlty shut in pending DHC Approval
FC: Is not in the PA

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

- [X] 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 [signature] Date **6/27/2024**

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.

My Monitor for WCRID: 92133

Operator Name	Well Name	Well Number	US Well Number
HILCORP ENERGY COMPANY	SAN JUAN 30-6 UNIT	8A	3003921701
SHL	**County**	**State**	**Lease Number(s)**
ALIQUOT: NENW SEC: 31 TWN: 30N RNG: 7W	RIO ARRIBA	NM	NMNM012709
Well Type	**Well Status**	**Agreement Name**	**Agreement Number(s)**
CONVENTIONAL GAS WELL	PGW	SAN JUAN 30-6 UNIT --MV	NMNM78420A
Allottee/Tribe	**Well Pad Name**	**Well Pad Number**	**APD ID**
			96AIR1459AFEF

Well Completion Print Report

3160-4 Report

WCRx Worklist **Process Model**

View all process activities in chronological order.

ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date
101	Completed	Submit Well Completion Report	AMANDA WALKER	AMANDA WALKER	2024/6/27 5:40:00 AM		2024/6/27 6:13:00 AM
103	Completed	Initial Review	KENNETH G RENNICK	Adjudicator	2024/6/27 6:13:00 AM		2024/6/27 9:45:00 AM
105	Completed	Engineer Review	KENNETH G RENNICK	Engineer	2024/6/27 9:45:00 AM		2024/6/27 9:49:00 AM

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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 362264
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☑	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☑	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 362264

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 362264
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	7/13/2024