# Received by OCD: 7/9/2024 12:41:57 PM District 1 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

**Page 1 of 21** Form C-104 Revised August 1, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit one copy	to	appropriate	District	Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT						
<sup>1</sup> Operator name and Add	ress	<sup>2</sup> OGRID Numb	er			
Hilcorp Energy Company		372171				
382 Road 3100 Aztec, NM 87410		<sup>3</sup> Reason for Fili	ng Code/ Effective Date RC			
<sup>4</sup> API Number	<sup>5</sup> Pool Name		<sup>6</sup> Pool Code			
30-039-21701	Basin Fruitland Coal		71629			
<sup>7</sup> Property Code	<sup>8</sup> Property Name		<sup>9</sup> Well Number			

San Juan 30-6 Unit 318716 <sup>10</sup> Surface Location Township Ul or lot no. Section Range Lot Idn | Feet from the North/South Line Feet from the East/West Line County 31 30N Rio Arriba 640 800 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. 13 Producing Method 12 Lse Code 4 Gas Connection <sup>15</sup> C-129 Permit Number <sup>16</sup> C-129 Effective Date <sup>17</sup> C-129 Expiration Date Date III. Oil and Gas Transporters <sup>20</sup> O/G/W <sup>18</sup> Transporter <sup>19</sup> Transporter Name **OGRID** and Address 248440 Western Refinery  $\mathbf{o}$ 

151618  $\mathbf{G}$ Enterprise

IV. Well Completion Data

<sup>21</sup> Spud Date 7/17/1978		eady Date 15/2024	<sup>23</sup> TD 3857'	<sup>24</sup> PBTD 3849'	<sup>25</sup> Perfora 2727' – 2	-, -	
<sup>27</sup> Hole Siz	e	<sup>28</sup> Casing	& Tubing Size	<sup>29</sup> Depth Set	,	<sup>30</sup> 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

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date 6/15/2024	<sup>33</sup> Test Date 6/15/2024	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure SI- 457	<sup>36</sup> Csg. Pressure SI - 300
<sup>37</sup> Choke Size 14/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 0	<sup>40</sup> Gas 12		<sup>41</sup> Test Method Flowing
been complied with a	at the rules of the Oil Conser and that the information give of my knowledge and belief	en above is true and	OIL Co	ONSERVATION DIVIS	SION
Printed name:	Amanda Walker		Title:		
Title:	Operations Regulatory Tech	Sr.	Approval Date:		
E-mail Address:	mwalker@hilcorp.com				
Date: 6/27/2024	Phone:	6-237-2177			

Sundry Print Report

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

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:

\*\*\*\*

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

NMNM78420A

Lease Number: NMNM012709

**US Well Number: 3003921701** 

--MV

**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

Page 1 of 2

eceived by OCD: 7/9/2024 12:41:57 PM Well Name: SAN JUAN 30-6 UNIT

Well Location: T30N / R7W / SEC 31 /

NENW / 36.774582 / -107.61525

County or Parish/State: Rige 3 of

ARRIBA / NM

Well Number: 8A

Type of Well: CONVENTIONAL GAS

**Allottee or Tribe Name:** 

Lease Number: NMNM012709

Unit or CA Name: SAN JUAN 30-6 UNIT 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

Page 2 of 2



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

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

Permit to Drill (PTD) #: 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.

www.peloton.com Page 1/4 Report Printed: 6/25/2024



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.

www.peloton.com Page 2/4 Report Printed: 6/25/2024

Released to Imaging: 7/13/2024 2:35:01 PM



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 CLICKWATER: 542 PRI

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

www.peloton.com Page 3/4 Report Printed: 6/25/2024

Released to Imaging: 7/13/2024 2:35:01 PM



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.

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 6/15/2024 11 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

2 3/8" PUMP OUT PLUG (.95')

2 3/8" X 1.78 SEAT NIPPLE (1.10')

2 3/8" 4.7# J-55 TBG (31.50')

2 3/8" X 2' MARKER JOINT.

(89)- 2 3/8" 4.7# J-55 TBG (2794.83')

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.

Page 4/4 Report Printed: 6/25/2024

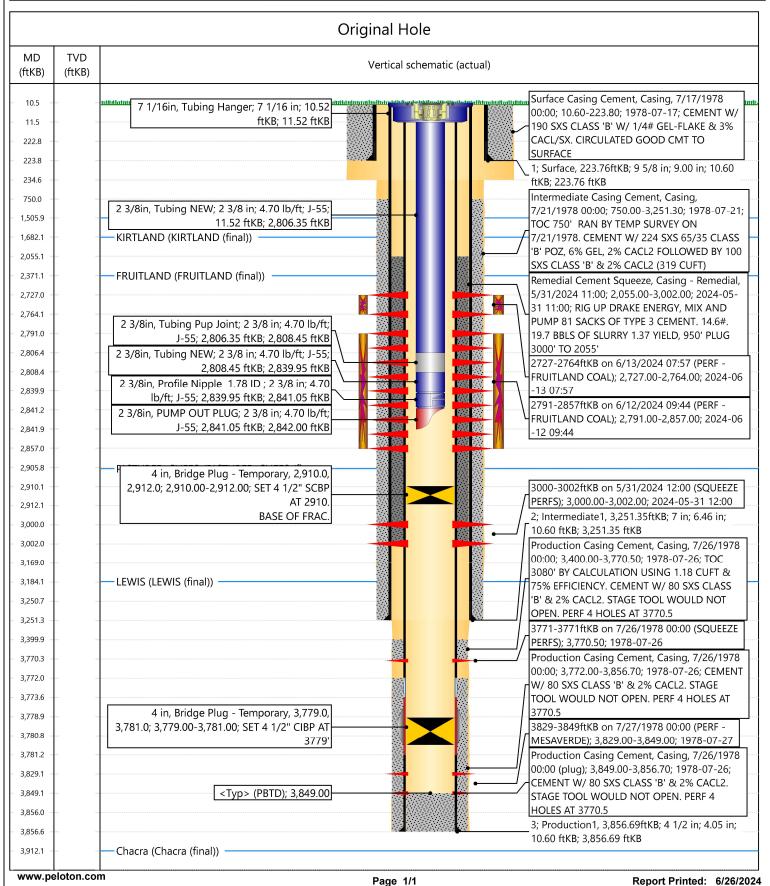
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#### **Current Schematic - Version 3**

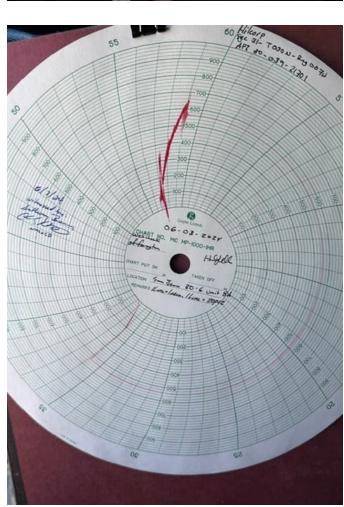
#### Well Name: SAN JUAN 30-6 UNIT #8A

		Field Name BLANCO MESAVERDE (PRORATED GAS		State/Province NEW MEXICO	Well Configuration Type
	Original KB/RT Elevation (ft) 6,060.60	Tubing Hanger Elevation (ft)	RKB to GL (ft) 10.60	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)



Protect   Well a   Est   Location: Unit & Sec. E. Twindowk.go   Well a   Est	MECHANICAL INTEGRITY TEST REPORT  (TA OR UIC)  THE OF THE CONTROL OF THE STATE OF T	PAGE NO.	muco energi	V MINITIPAL C	18
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Pressure obervation	Pressure obervation			Producing Oil/Gas_X_	
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pti Au St asiants.  2 3779'  1 (al. 3/0/24 pti the start / 100/pt string.  1 47830 at Witness (NMOCD)	See 3279.  Lat 3/9/24 Lat 3/9/24 Les thank / 1000/pt oftens.  See the thank / 1000/pt oftens.  (Operator Representative)  (Operator Representative)  (Operator Representative)	resumd annulus up to	mai. for	mins Test massed fields 4	
(Nat 20/24 gp: Use short / 100/2 String.  Sp. 17820 at Witness (NMOCD)	Comis Representative)  (Common Representative)  (Common Representative)  (Common Representative)				/
(Nat 20/24 gp: Use short / 100/2 String.  Sp. 17820 at Witness (NMOCD)	Comis Representative)  (Common Representative)  (Common Representative)  (Common Representative)	MARKS Chat to mide			_ /
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BRADENHEAD TEST REPORT  (valumit 1 copy to above address)  Date of Test 6/3/24 Operator Milaco Gracy C API 830-0 59-21701  Property Name See Toses See 6 Well No. 84 Location: Unit C Section 3/ Township See Radenhead  Well Status Shad-In or Producing) Insisal PSI. Tubing Aft Intermediate & Casing & Bradenhead  OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH  PRESSURE  Testing Bradenhead Intermediate To ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH  PRESSURE  Testing Bradenhead Intermediate Bradenhead	MO I NEW M	OEXICO HNERGY	, MINERALS	DE, CONSERVATION INVECTOR ACTUS ON THE CONTROLS
Commit 1 copy to above address)  Date of Test 6/3/24 Operator Miles of Energy C API 830-0 59-21701  Property Name Sec Tests 50 6 Well No 64 Location: Unit C Section 31 Township 500 Range 72  Well Status (Shal-In or Producing) Initial PSI. Tubing Aft Intermediate of Casing of Bradenbead of OPIN BRADENIESD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH PRESSURE Insidenbead INTERMEDIATE  Testing Bindenbead INTERM FRADENIESD INTERMEDIATE  Toming Bindenbead INTERM FRADENIESD INTERMEDIATE  Toming Bindenbead INTERMEDIATE  CLEAR FRESSI SALTY SULFUR BLACK  SMINUTES SHULLIN PRESSURE  BRADENBEAD OF SALTY SALTY SULFUR BLACK  SMINUTES SHULLIN PRESSURE  BRADENBEAD OF SALTY SULFUR BLACK  SMINUTES SHULLIN PRESSURE  BRADENBEAD OF SALTY SALT	A NATI	URAL RESOURC	ES DEPARTMENT	THE RES SEASON SHOWS AFTER MA STATE (MES 244-5778 FAM. CHIE) 244-4778 (MES
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#### 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

Farmington Regulatory Techs; Scott Anderson; Brian Bradshaw; Joe McElreath - (C) Cc:

RE: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701) Subject:

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)

<imcelreath@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 < <u>Amanda. Atencio@hilcorp.com</u>>

Sent: Monday, June 3, 2024 10:05 AM

To: Rennick, Kenneth G <a href="mailto:krennick@blm.gov">krennick@blm.gov</a>; Kuehling, Monica, EMNRD <a href="mailto:krennick@blm.gov">krennick@blm.gov</a>; Kuehling, Monica, Krennick@blm.gov</a>; Kuehling, Krennick@blm.gov</a>; Kuehlin

Cc: Kade, Matthew H < <u>mkade@blm.gov</u>>; Farmington Regulatory Techs < <u>FarmingtonRegulatoryTechs@hilcorp.com</u>>; Scott Anderson < <u>sanderson@hilcorp.com</u>>; Brian Bradshaw < <u>Brian.Bradshaw@hilcorp.com</u>>; 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 < <a href="mailto:krennick@blm.gov">krennick@blm.gov</a>>

Sent: Friday, May 31, 2024 11:44 AM

To: Amanda Atencio <<u>Amanda.Atencio@hilcorp.com</u>>; Kuehling, Monica, EMNRD <<u>monica.kuehling@emnrd.nm.gov</u>> Cc: Kade, Matthew H <<u>mkade@blm.gov</u>>; Farmington Regulatory Techs <<u>FarmingtonRegulatoryTechs@hilcorp.com</u>>; Scott Anderson <<u>sanderson@hilcorp.com</u>>; Brian Bradshaw <<u>Brian.Bradshaw@hilcorp.com</u>>; Joe McElreath - (C)

<jmcelreath@hilcorp.com>

Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

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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 < <a href="mailto:krennick@blm.gov">krennick@blm.gov</a>; Kade, Matthew H < <a href="mailto:mkade@blm.gov">mkade@blm.gov</a>; Farmington Regulatory Techs

<FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson <sanderson@hilcorp.com>; Brian Bradshaw

<Brian.Bradshaw@hilcorp.com>; Joe McElreath - (C) < imcelreath@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: <u>krennick@blm.gov</u>; <u>mkade@blm.gov</u>; <u>Farmington Regulatory Techs < FarmingtonRegulatoryTechs@hilcorp.com</u>>; Scott Anderson < <u>sanderson@hilcorp.com</u>>; Brian Bradshaw < <u>Brian.Bradshaw@hilcorp.com</u>>; Joe McElreath - (C)

<jmcelreath@hilcorp.com>

Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

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

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 < <u>Amanda.Atencio@hilcorp.com</u>> 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: <a href="mailto:krennick@blm.gov">krennick@blm.gov</a>; <a href="mailto:mkade@blm.gov">mkade@blm.gov</a>; <a href="mailto:Farmington Regulatory Techs">Farmington Regulatory Techs</a>

<FarmingtonRegulatoryTechs@hilcorp.com>; Scott Anderson

<sanderson@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Joe

McEIreath - (C) < imceIreath@hilcorp.com >

Subject: Re: [EXTERNAL] San Juan 30-6 Unit 8A (3003921701)

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

#### 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 <a href="mailto:Amanda.Atencio@hilcorp.com">Amanda.Atencio@hilcorp.com</a>> wrote:

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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

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<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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# **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMENT 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 6. If Indian, Allottee or Tribe Name b. Type of Completion: New Well Work Over Deepen Plug Back X Diff. Resvr., 7. Unit or CA Agreement Name and No. Other: Recomplete 2. Name of Operator 8. Lease Name and Well No. **Hilcorp Energy Company** San Juan 30-6 Unit 8A 3. Address 3a. Phone No. (include area code) 9. API Well No. (505) 599-3400 382 Road 3100, Aztec, NM 87410 30-039-21701 4. Location of Well (Report location clearly and in accordance with Federal requirements) 10. Field and Pool or Exploratory **Basin Fruitland Coal** At surface 11. Sec., T., R., M., on Block and C (NENW) 640 FNL & 800 FWL Survey or Area Sec. 31, T 30N, R07W At top prod. Interval reported below 12. County or Parish Rio Arriba **New Mexico** At total depth 6/15/2024 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)\* 14. Date Spudded 7/17/1978 7/26/1978 6050' GL D&A X Ready to Prod. 18. Total Depth: 19. Plug Back T.D.: MD 20. Depth Bridge Plug Set: 3857' 3849 TVD 2910' & 3779' 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Was well cored? X No Yes (Submit analysis) X No Was DST run? Yes (Submit report) X No Directional Survey? Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) No. of Sks. & Stage Cementer Slurry Vol. Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Cement top\* Amount Pulled Depth Type of Cement (BBL) 13 3/4" 32.3# 224 9 5/8", H-40 190 sx / 224 cu ft. 8 3/4" 7", K-55 4 1/2", KS 3251 324 sx / 319 cu ft. 20# 6 1/4" 10.5# 3857 80 sx / 85 cu ft 24. Tubing Record Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Size Size 2 3/8 2842' Perforation Record 25. Producing Intervals Formation Top **2727'** Perforated Interval No. Holes Perf. Status Bottom Size 2857' 3 SPF 117 **Basin Fruitland Coal** 0.42 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 FRAC AT 40 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 906 BBLS TOTAL SLICKWATER: 542 BBLS TOTAL ACID: 24 BBLS TOTAL L Fruitland Coal (2727' - 2764') FRAC 20: 340 BBLS TOTAL 100 MESH SAND: 5,074 LBS TOTAL 20/40 SAND: 18,224 LBS TOTAL N2: 884,000 SCF FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 893 BBLS TOTAL SLICKWATER: 536 BBLS TOTAL ACID: 24 BBLS TOTAL L Fruitland Coal (2791' - 2857') 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 Test Oil Water Oil Gravity Test Date Hours Gas Gas Production Method BBL MCF BBL Produced Tested Production Corr. API Gravity 6/15/2024 6/15/2024 4 12 0 Flowing Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio 14/64" SI - 457 SI - 300 0 72 0 **Producing** 28a. Production - Interval B Oil Water Oil Gravity Production Method Date First Test Date Hours Test Gas Gas Produced Tested Production BBL MCF BBL Corr. API Gravity Well Status Choke Tbg. Press. Csg. 24 Hr Oil Gas Water Gas/Oil Size Flwg. BBL MCF BBL Ratio Press. Rate

<sup>\*(</sup>See instructions and spaces for additional data on page 2).

\*Released to Imaging: 7/13/2024 2:35:01 PM

28b. Production	- Interval C									
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
			'	- 11			ļ			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
28c. Production	- Interval D					_				
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
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						50	LD			
30. Summary of	Dorous Zones (Ir	aduda A aui	fora):					21 Formation	n (Log) Markers	
50. Summary of	rorous Zones (II	iciude Aqui	iers).					51. Formatio	ii (Log) Markers	
Show all impo	ortant zones of po	prosity and c	ontents thereof:	Cored interv	vals and all d	lrill-stem tes	t.			
	th interval tested,	-					•,			
recoveries.	· · · · · · · · · · · ·	,	, 1	, 8						
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Formation	n To	op	Bottom		Descrip	tions, Conte	nts, etc.		Name	Meas. Depth
								ļ		
Ojo Alamo	<b>I</b>		1682'			White, cr-gr ss			Ojo Alamo	1506'
Kirltand	168	82'	2371'		Gry sh interbe	dded w/tight, g	gry, fine-gr ss.		Kirtland	1682'
Fruitland	237	71'	2906'	Dk ory ory	oorb ch oool d	orn cilte light	med gry, tight, fine gr ss.		Fruitland	2371'
Pictured Cli	I		3184'	Dk gry-gry		gm sms, ngm- ry, fine grn, tig			Pictured Cliffs	2906'
Lewis	318		3912'						Lewis	3184'
Chacra	391		,	Grv fr	Shale w/ siltstone stingers  Gry fn grn silty, glauconitic sd stone w/ drk gry shale				Chacra	3912'
Cliffhouse	<b>I</b>		•			d-fine gr ss, ca			Mesaverde	•
Menefee			•		Med-dark gry	, fine gr ss, ca	rb sh & coal		Menefee	•
				Med-light g	ry, very fine g	r ss w/ frequer	nt sh breaks in lower part	:		
Point Looke	out '	'	•			of formation			Point Lookout	'
Mancos	'	'	•		D	ark gry carb sł	1.		Mancos	<u> </u>
				Lt. gry to br	n calc carb mi	cac gluac silts	& very fine gry gry ss w/	/		
Gallup	'	'	•			eg. interbed sl			Gallup	'
Greenhorn	I					alc gry sh w/ tl			Greenhorn	<u>'</u>
Graneros	' I '		•			fossil & carb v			Graneros	
Dakota	l ,	,		Lt to dark		sl calc sl sitty cly Y shale b	ss w/ pyrite incl thin sh		Dakota	,
						•			-	•
Morrison  32. Additional re		dugging pro	cedure):	Interbe	ed grn, brn & i	red waxy sn &	fine to coard grn ss		Morrison	
32. Additional N	emarks (merude p	nugging pro	ccdure).							
	Thi	is well is ou	rently produci	ng as a Frui	tland Coal 9	STANDALO	ONE The Mesaverde	e is currenlty s	hut in pending DHC Approval	
		s well is cu	rently product	ng as a rrui	tianu Coar	FC: Is not		is currently s	nut in pending Dife Approvai	
33. Indicate whi	ch items have be	en attached	by placing a che	ck in the app	ropriate box	es:				
<b></b>							_		<b>—</b> .	
X Electrical/	Mechanical Logs	(1 full set r	eq'd.)		Geol	ogic Report		T Report	Directional Survey	,
C J 27	ation for al	. and a	vonification			A molt:-	Пол			
Sunary No	otice for plugging	and cemen	verification		Core	Analysis	Oth	er:		
34. I hereby cert	ify that the forego	oing and att	sched information	n is complet	e and correct	t as determin	ned from all available	records (see atta	ached instructions)*	
Incredy cont	, and roroge		miorinatio	- zompiet	231100	30.0111111		35 (500 414	<i>-</i>	
Name (1	please print)		Ama	nda Wal	ker		Title	Operation	ons/Regulatory Technici	an - Sr.
- 0	1		1/.	1) 11	-			-	. g	
Signatur	re		- All	lublir			Date		6/27/2024	
				may_						

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** HILCORP ENERGY COMPANY

**Well Name** SAN JUAN 30-6 UNIT **Well Number** 8A

**US Well Number** 

3003921701

SHL

County ALIQUOT: NENW SEC: 31 TWN:

State

Lease Number(s)

30N RNG: 7W

**RIO ARRIBA** 

NM

NMNM012709

Well Type

CONVENTIONAL GAS WELL

**Well Status** 

**Agreement Name** 

Agreement Number(s)

**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

_		ss Model 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

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 362264

#### **ACKNOWLEDGMENTS**

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

#### **ACKNOWLEDGMENTS**

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

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

#### CONDITIONS

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