

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

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

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-045-21667	⁵ Pool Name Basin Fruitland Coal	⁶ Pool Code 71629
⁷ Property Code 318585	⁸ Property Name Johnston Federal	⁹ Well Number 1A

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
F	12	30N	09W		1600	North	1800	West	San Juan

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

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 3/18/1977	²² Ready Date 5/17/2024	²³ TD 5215'	²⁴ PBTD 5173'	²⁵ Perforations 2420' – 2638'	²⁶ DHC, MC DHC - 5383
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13 3/4"	9 5/8", 36#, K-55	275'	275 sx		
8 3/4"	7", 20#, K-55	2908'	600 sx		
6 1/4"	4 1/2", 10.5#, K-55	TOL: 2685' BOL: 5215'	275 sx		
	2 3/8", 4.7#, J-55	5169'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 5/17/2024	³³ Test Date	³⁴ Test Length 24	³⁵ Tbg. Pressure SI - 537	³⁶ Csg. Pressure SI - 540
³⁷ Choke Size 32/64"	³⁸ Oil 0	³⁹ Water 20	⁴⁰ Gas 27	⁴¹ Test Method	

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:  Printed name: Amanda Walker Title: Operations Regulatory Tech Sr. E-mail Address: mwalker@hilcorp.com Date: 6/18/2024	OIL CONSERVATION DIVISION	
	Approved by:	
	Title:	
	Approval Date:	
	Phone: 346-237-2177	

Well Name: JOHNSTON FEDERAL	Well Location: T30N / R9W / SEC 12 / SEW / 36.828369 / -107.734299	County or Parish/State: SAN JUAN / NM
Well Number: 1A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078439	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004521667	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2796235

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/20/2024

Time Sundry Submitted: 05:37

Date Operation Actually Began: 04/24/2024

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

SR Attachments

Actual Procedure

JOHNSTON_FEDERAL_1A__RC_SR_Writeup_20240620053610.pdf

Well Name: JOHNSTON FEDERAL

Well Location: T30N / R9W / SEC 12 /
SEW / 36.828369 / -107.734299

County or Parish/State: SAN
JUAN / NM

Well Number: 1A

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078439

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004521667

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 05:37 AM

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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 06/20/2024

Signature: Matthew Kade



Well Operations Summary L48

Well Name: JOHNSTON FEDERAL #1A

API: 3004521667	Field: BLANCO MESAVERDE (PRORATED GAS)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: HEC 104

Jobs

Actual Start Date: 4/24/2024 **End Date:** 5/31/2024

Report Number	Report Start Date	Report End Date
1	4/24/2024	4/24/2024

Operation

PJSM. LOAD EQUIPMENT. MOB EQUIPMENT TO THE JOHNSTON FEDERAL 1A(35 MILE MOVE, 4 TRUCKS TO MOVE EQUIPMENT). SPOT IN RIG AND EQUIPMENT(TIGHT LOCATION). RU RIG AND EQUIPMENT.

CK PRESSURES. SITP- 0 PSI. SICP- 25 PSI. SIBHP 0 PSI. 1.25 MIN BLOW DOWN. NIPPLE DOWN WELLHEAD. NIPPLE UP BOP AND FUNCTION TEST. GOOD TEST. RU RIG FLOOR.

PULL HANGER TO SURFACE(DID NOT TAG FOR FILL). RU PREMIER NDT SCANNING EQUIPMENT. TOOH INSPECTING 2-3/8" J-55 TUBING. 166 - YELLOW, NO DOWNGRADES. R/D SCANNING EQUIPMENT.

SISW. DEBRIEF CREW. SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
2	4/25/2024	4/25/2024

Operation

CREW TRAVEL TO LOCATION.

PJSM, CK PRESSURES. SITP- N/A. SICP- 35 PSI. SIBHP 0 PSI. 1.25 MIN BLOW DOWN.

MU 6 1/4" SCARPAER, TALLY AND TIH WITH TBG FROM DERRICK AND TAG TOL @2681'. TOOH AND L/D 6 1/4" SCRAPER.

MU 3 7/8" SCRAPER, TIH WITH TBG TO 3452', TOOH AND LD 3 7/8" SCRAPER.

MU 4.5" HEC CIBP, TIH WITH TBG AND SET @3400'. L/D 1 JNT.

RU RIG PUMP TO TBG AND LOAD HOLE WITH 120 BBLS OF BIOCIDIE WATER. PRESSURE TEST CASING TO 600 PSI. GOOD TEST.

TOOH AND L/D SETTING TOOL.

RU BASIN WIRELINE, RIH AND RUN CBL FROM 3400' TO SURFACE. R/D WIRELINE.

N/D BOP, N/D 2K WELLHEAD. STUB UP 7" CASING AND N/U 5K WELLHEAD. TEST VOID. GOOD TEST. N/U BOP.

SISW. DEBRIEF CREW. SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
3	4/26/2024	4/26/2024

Operation

CROSS COUNTRY WELL SERVICE SAFTEY MEETING(6:00-7:30). CREW TRAVEL TO LOCATION.

PJSM, CK PRESSURES. SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. NO MIN BLOW DOWN.

RU WELLCHECK AND CHARTED MIT WITNESSED BY NMOCD REP ANTHONY BUNNY. GOOD TEST.

TIH WITH TBG FROM DERRICK AND L/D(166 JNTS).

RU BASIN WIRELINE. RIH. **PERFORATE 1ST STAGE FROM (2570' - 2638'). 30 SHOTS, 3 SPF, 0.35"** POOH. P/U HEC 7" COMPOSITE FRAC PLUG. RIH.

SET PLUG AT 2559'. POOH. R/D WIRELINE.

SISW. DEBRIEFED CREW. SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
4	4/27/2024	4/27/2024

Operation

CREW TRAVEL TO LOCATION.

PJSM WITH AOL. CK PRESSURES. SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. NO MIN BLOW DOWN.

P/U SELECT AS1-X 3-1/2" X 7" PACKER. PJSM. RU WILSON SERVICE HYDRO-TESTER. TALLY, P/U AND HYDROTEST 3-1/2" 9.3# L-80 EUE FRAC STRING, MU TBG HANGER. R/D HYDRO-TESTER. SET PACKER AT 2376.53' W/ 20K COMPRESSION. LAND FRAC STRING AS FOLLOWS:

- LAND FRAC STRING AS FOLLOWS:
- (1) - 4 3/16" WIRELINE RE ENTRY(3" ID)(.51')
 - (1)- 3 1/2" X 7" AS-1X PACKER (8')
 - (1)- 3 1/2" 9.3# L-80 EUE TUBING.(32.95')
 - (1)- 3 1/2" PUP JOINT L-80 (2.43')
 - (71)-3 1/2" 9.3# L-80 EUE TUBING (2308.59')
 - (1)- 3 1/2" 9.3# L-80 EUE TUBING.(9.54')
 - (1)- 7 1/16" X 10K TUBING HANGER (.51')

EOT @ 2376.53'.

PRESSURE TEST BACK SIDE TO 550 PSI (GOOD). EST INJ RATE DOWN TBG 4 BBLS/ MIN @1100PSI, PUMPED A TOTAL OF 60 BBLS. NO COMMUNICATION PAST PACKER.

R/D RIG FLOOR. N/D BOP. N/U FRAC STACK. PRESSURE TEST STACK TO 9000 PSI (GOOD). RD WILSON SERVICE.

R/D RIG AND PREP FOR RIG MOVE.

SISW. DEBRIEF CREW. SDFW.
CREW TRAVEL TO YARD.



Well Operations Summary L48

Well Name: JOHNSTON FEDERAL #1A

API: 3004521667

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: HEC 104

Report Number 5	Report Start Date 5/10/2024	Report End Date 5/10/2024
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Operation

MOVE IN AND SPOT GORE N2 SERVICES.
 RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.
 PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 7800 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 7800 PSI. GOOD TEST.
 HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.
 FRUITLAND STAGE #1 STIMULATION: (2,570' TO 2,638')

FRAC AT 50 BPM W/ 70 Q N2 FOAM.
 TOTAL LOAD: 547 BBLS
 TOTAL SLICKWATER: 289 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL L FRAC 20: 234 BBLS
 TOTAL 20/40 SAND: 70,403 LBS
 TOTAL 100 MESH SAND: 5,049 LBS
 TOTAL N2: 622,000 SCF
 AVERAGE RATE: 50.1 BPM
 MAX RATE: 59.2 BPM
 AVERAGE PRESSURE: 3,154 PSI
 MAX PRESSURE: 4,181 PSI
 MAX SAND CONC: 3.5 PPG DOWNHOLE.
 ISIP: 2,211 PSI
 5 MIN: 1,603 PSI
 10 MIN: 1,544 PSI
 15 MIN: 1,491 PSI

DROP 2.25" BALL. GOOD BALL ACTION. PRESSURE TEST PLUG TO 2,500 PSI (GOOD).

PERF STAGE #2 (FRC) INTERVAL (2420' - 2547') IN 2 RUNS WITH 72 SHOTS, 0.34" DIA, 2-1/2" RTG GUNS, SELECT FIRE 3 SPF 120 DEGREE PHASING
 FROM 2,420' - 2,547'.
 2,420' - 2,426', 2,454' - 2,460', 2,530' - 2,536', 2,541' - 2,547'.

ALL SHOTS FIRED. POOH. R/D WIRELINE LUBRICATOR.
 FRUITLAND STAGE #2 STIMULATION: (2,420 TO 2,547')

FRAC AT 50 BPM W/ 70 Q N2 FOAM.
 TOTAL LOAD: 559 BBLS
 TOTAL SLICKWATER: 215 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL L FRAC 20: 320 BBLS
 TOTAL 20/40 SAND: 70,281 LBS
 TOTAL 100 MESH SAND: 5,119 LBS
 TOTAL N2: 601,000 SCF
 AVERAGE RATE: 51.1 BPM
 MAX RATE: 52.8 BPM
 AVERAGE PRESSURE: 2,927 PSI
 MAX PRESSURE: 3,529 PSI
 MAX SAND CONC: 3.5 PPG DOWNHOLE.
 ISIP: 1,931 PSI
 5 MIN: 1,539 PSI
 10 MIN: 1,492 PSI
 15 MIN: 1,445 PSI

SHUT IN WELL. SECURED LOCATION.
 RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.

Report Number 6	Report Start Date 5/11/2024	Report End Date 5/11/2024
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Operation

RIG CREW TRAVEL TO THE HUNSAKER #1A
 PJSM LOAD EQUIP. ROAD RIG & MOVE EQUIP F/ THE HUNSAKER #1A TO THE JOHNSTON FEDERAL #1A (4.6) MILE MOVE
 SPOT RIG & EQUIP. (TIGHT LOCATION) RIG UP PULLING UNIT & EQUIP.
 RIG UP BIG RED, BLOW DOWN & MONITOR WELL W/ BIG RED. FOR 6 HRS. TO 500 PSI. RIG DOWN BIG RED.
 15 MIN SHUT IN 600 PSI
 SECURE WELL AND LOCATION
 RIG CREW TRAVEL TO YARD

Report Number 7	Report Start Date 5/12/2024	Report End Date 5/12/2024
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Operation

RIG CREW TRAVEL TO LOCATION



Well Operations Summary L48

Well Name: JOHNSTON FEDERAL #1A

API: 3004521667

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: HEC 104

Operation

SAFETY MEETING, PUMP 30 BBL KILL ON TUBING, INSTALL BPV IN TUBING HANGER.
NIPPLE DOWN FRAC STACK, NIPPLE UP BOPE, RIG UP FLOOR.

SIBHP= 0 PSI.
SICP= 1100 PSI.
SITP= 150 PSI.
BLEED DOWN WELL 10 MINUTES

PRESSURE TEST BOP BLIND AND PIPE RAMS 250 PSI LOW AND 2500 PSI HIGH.

RELEASE PACKER, PULL TUBING HANGER TO FLOOR.
LUBRICATE BPV OUT. (450 PSI) ON TBG. PUMP 24 BBLs KILL, LAY DOWN HANGER WITH 8' PUP JOINT ON HANGER.

TRIP OUT OF HOLE LAYING DOWN 72 JOINTS OF 3.5, 9.3#, L-80 TUBING. AND PKR.
PUMP 63 BBLs OF WATER TO KEEP TUBING DEAD.

CHANGE OUT PIPE RAMS & EQUIP. TO 2-3/8, NIPPLE UP ANNULAR

CHANGE OUT TRAILERS, PUMP 36 BBLs DOWN CSG. PU 6-3/4" JUNK MILL, BIT SUB, (6) 3-1/8" DRILL COLLARS & XO, CHANGE OUT TRAILERS, TALLY & PU. 2-3/8 TBG TO 1450'

SECURE WELL & LOCATION

RIG CREW TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
8	5/13/2024	5/13/2024

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING CK. PRESSURES.

SITP=0 PSI.
SICP= 250 PSI.
SIBHP= 0 PSI.
BLEED DOWN WELL 4 MINUTES.

FINISH PICKING UP 2-3/8 TBG TAG FRAC THRU PLUG @ 2559'

PICK UP & RIG UP POWER SWIVEL.
UNLOAD WATER AND ESTABLISH CIRCULATION WITH AIR MIST 1200 CFM
WITH 14 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR.
DRILL OUT PUMP THRU PLUG AT 2559' AND CHASE DOWN TO 2680' HARD AT THIS DEPTH LINER TOP @ 2685', WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO 1 CUP PER SAMPLE.

RIG DOWN & RACK BACK PWR SWVL TOO W/ 2-3/8 TBG. LAY DOWN (6) 3-1/8" DRILL COLLARS BIT SUB & JUNK MILL (PUMPED 63 BBLs WHILE TOO H)

CHANGE OUT TBG TRAILERS, TIH DRIFTING 2-3/8" PROD TBG STRG AS FOLLOWS.

- (1) 2-3/8" PUMP OUT PLUG.
- (1) 2-3/8 SN.
- (1) JT. OF 2-3/8" TBG.
- (1) 2-3/8" X 2' PUP JT.
- (80) JTS OF 2-3/8" TBG.
- (2) 2-3/8" PUP JTS 4' & 10'.
- (1) JT. OF 2-3/8" TBG.
- 7 1/16" TBG HGR.

RIG DOWN FLOOR, NIPPLE DOWN ANNULAR AND BOP NU WELLHEAD

PUMP 7 GALLON CORROSION INHIBITOR SWEEP, PRESSURE TEST TUBING TO 500 PSI FOR 10 MINUTES, GOOD TEST
PUMP OFF PUMP OUT PLUG AT 1100 PSI.
UN-LOAD WELL.
SECURE WELL.

RIG DOWN

RIG CREW TRAVEL TO YARD

Operation

Report Number	Report Start Date	Report End Date
10	5/29/2024	5/29/2024

Operation

RIG CREW TRAVELED TO THE SAN JUAN 30-6 UNIT 71

START RIG AND EQUIPMENT. PRE MOVE SAFETY MEETING. MOVE RIG AND EQUIPMENT TO THE JOHNSTON FEDERAL#1A



Well Operations Summary L48

Well Name: JOHNSTON FEDERAL #1A

API: 3004521667

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: HEC 104

Operation

RIG UP RIG AND SUPPORT EQUIPMENT. TOOK PRESSURES ON WELL. CASING 300 PSI. TUBING 300 PSI. BH 0 PSI. BLOW WELL DOWN IN 16 MINUTES.

RIG UP WILSON SERVICE CO. CHART TEST PIPE AND BLIND RAMS. 250 PSI LOW AND 1500 PSI HIGH. TEST GOOD. RIG DOWN WILSON SERVICE.

TRIP OUT OF THE HOLE WITH THE 82 JNTS OF 2 3/8" PRODUCTION TUBING FROM 2565'.

MAKE UP CLEAN OUT BHA. TIH WITH 3 7/8" JUNK MILL AND 2 3/8" TUBING TO A DEPTH OF 2682'. TAG UP SOLID. COULD NOT WORK THRU. PRIOR REPORT SHOWED 7" FRAC BAFFLE BEING CHASED DOWN TO A DEPTH OF 2680'.

RIG UP POWER SWIVEL. BRING ON AIR UNITS AT AT 2200 CFM WITH 13 BBL PER HOUR FOAM MIST AND 2.5 GALLONS PER HOUR CORROSION INHIBITOR AND FOAMER. MILLED OUT FRAC BAFFLE AT 2682'. RAN INTO A DEPTH OF 2698' LINER TOP AT 2684'. CIRCULATE HOLE CLEAN. SHUT AIR UNITS DOWN.

STAND BACK SWIVEL. TOOH TO A DEPTH OF 2234' WITH 7 STANDS AND A SINGLE.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL BACK TO YARD.

Report Number

11

Report Start Date

5/30/2024

Report End Date

5/30/2024

Operation

RIG CREW TRAVEL TO LOCATION.

HELD PJSM. TOOK PRESSURES ON WELL. CASING 212 PSI. TBG 0 PSI. BH 0 PSI. BLEW WELL DOWN IN 5 MIINUTES.

TIH FROM 2234' TO 3149' WITH 3 7/8" JUNK MILL. TAGGED UP. RIG UP POWER SWIVEL.

BRING ON AIR UNIT AT 2200 CFM AY 13 BBL PER HOUR MIST. ESTABLISH GOOD MIST TO PIT. MILL UP REMANTS OF FRAC BAFFLE AND SOME SAND DOWN TO CIBP AT 3400'.

MILL UP CIBP AT 3400' WITH 13 BBL PER HOUR AIR FOAM MIST. SHUT AIR UNIT DOWN. HANG BACK SWIVEL.

TALLY. PU AND TRIP IN HOLE FROM 3404' TO 5202 AND TAG UP. NO FILL TAGGED.

BRING ON AIR UNITS AT 13 BBL PER HOUR FOAM MIST. UNLOAD HOLE AT 5202' AND BLEW ON BOTTOM. SHUT AIR UNITS DOWN.

TRIP OUT OF THE HOLE WITH 3 7/8" JUNK MILL FROM 5202'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number

12

Report Start Date

5/31/2024

Report End Date

5/31/2024

Operation

RIG CREW TRAVELED TO LOCATION

PRE-JOB SAFETY MEETING. TOOK PRESSURES ON WELL. BH 0 PSI. TUBING 0 PSI. CASING 62 PSI. BDW IN 5 MINUTES. REMOVE TUBING TRAILER. SPOT IN ROD AND PUMP TRAILER.

RIH WITH 2 3/8" PRODUCTION STRING TO 5185' TAGGED NO FILL. LAYED DOWN TAG UP JOINTS. INSTALL TUBING HANGER. LAND TUBING AS FOLLOWS : 2 3/8" X 20' PRICE TYPE MUD ANCHOR. 1.780 ID SEATING NIPPLE. 165 JOINTS OF 2 3/8" TUBING. 10', 8', 4' X 2 3/8" PUP JOINTS. ONE JOINT OF 2 3/8" TUBING AND TUBING HANGER. TUBING LANDED AT A DEPTH OF 5169'. SEATING NIPPLE AT 5148'

ND BOP. NU WH

BUCKET TEST ROD PUMP ON SURFACE TEST GOOD. RIH HOLE WITH 1' X 1" STRAINER NIPPLE. 2" x 1 1/4" x 10' x 14' RHAC-Z HVR (SN#HIL 972). 1" X 1' LIFT SUB. 3/4" X 8' GUIDED ROD. 22K SHEAR TOOL. NINE 1 1/4" X 25' SINKER BARS. 196 - 3/4" RODS. 6' AND 2' X 3/4" PONY RODS AND 1 1/4" X 22' POLISH ROD. LAND PUMP IN SEATING NIPPLE AT 5148'. LOAD HOLE AND PRESSURE TEST TUBING 1100 PSI. TEST GOOD. BLEED OFF PRESSURE TO 200 PSI. STROKED PUMP WITH RIG. WENT FROM 200 PSI TO 700 PSI IN 6 STROKES. BLEED OF PRESSURE. INSTALL HORSED HEAD. SPACE OUT AND HANG OFF ROD STRING. CALLED AREA LEAD RAMON FLOREZ ON WELL STATUS.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE WEEKEND. TURN WELL OVER TO PRODUCTION.

TRAVEL BACK TO YARD

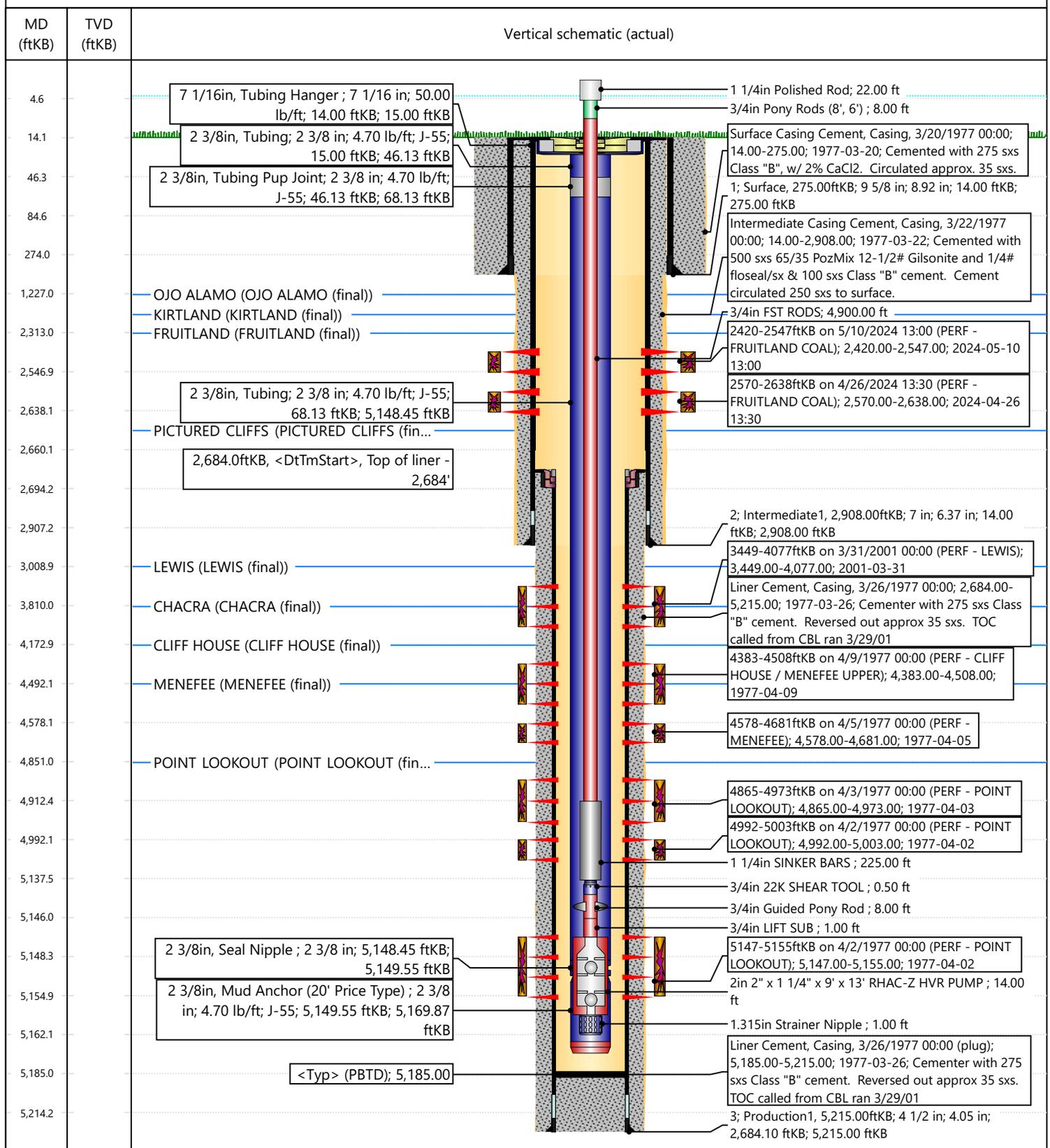


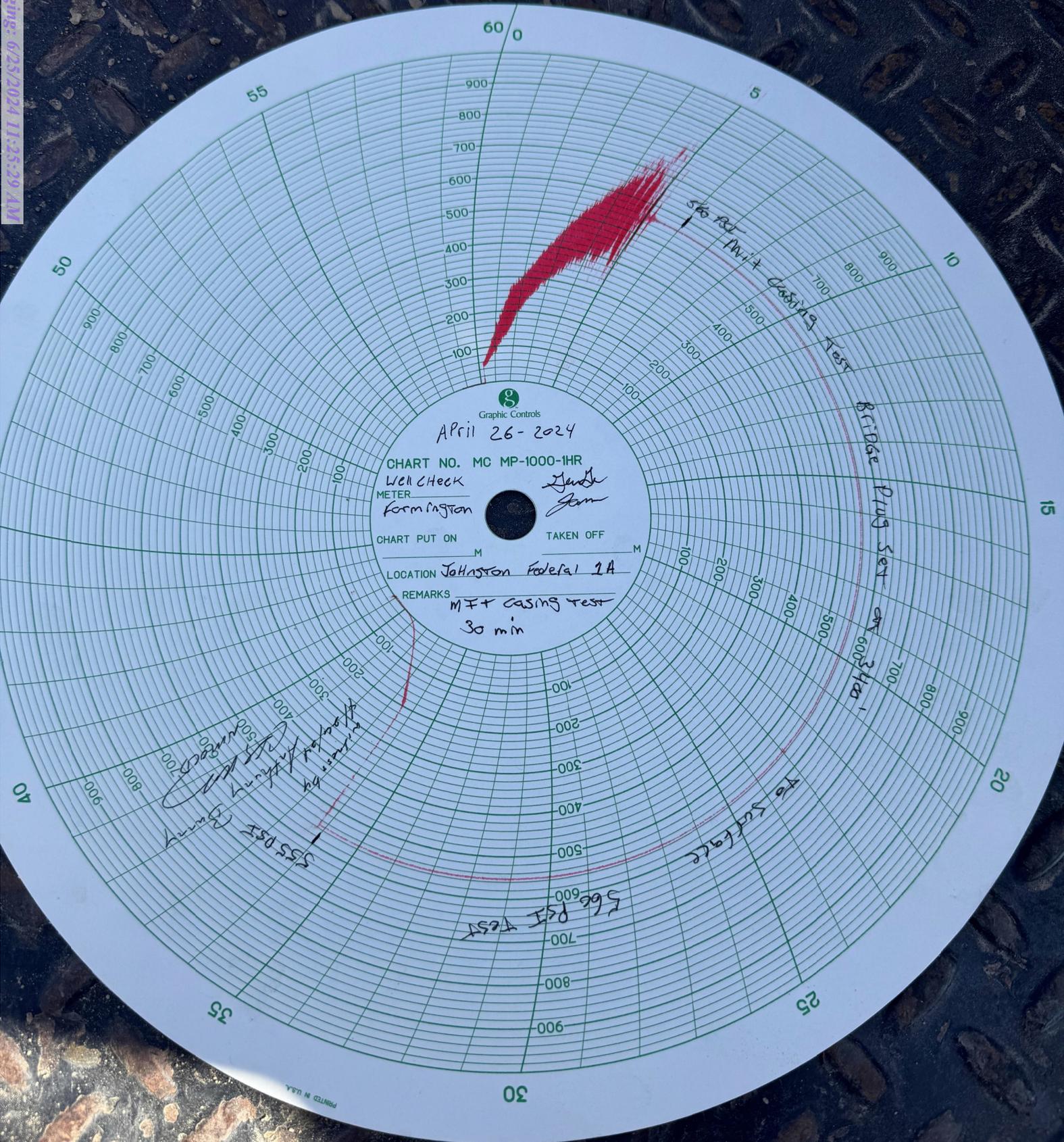
Current Schematic - Version 3

Well Name: JOHNSTON FEDERAL #1A

API / UWI 3004521667	Surface Legal Location 012-030N-009W-F	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 0409	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,846.00	Original KB/RT Elevation (ft) 5,860.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole





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

5. Lease Serial No. **NMSF078439**

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. **Johnston Federal 1A**

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

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

9. API Well No. **30-045-21667**

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

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

At surface **F(SENW) 1600 FNL & 1800' FWL**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 12, T30N, R 09W**

At top prod. Interval reported below

12. County or Parish **San Juan** 13. State **New Mexico**

At total depth

14. Date Spudded **3/18/1977**

15. Date T.D. Reached **3/26/1977**

16. Date Completed **5/17/2024**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **5860' GL**

18. Total Depth: **5215'**

19. Plug Back T.D.: **5173'**

20. Depth Bridge Plug Set: MD **TVD**

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8", K-55	36#		275'		275 sx			
8 3/4"	7", K-55	20#		2908'		600 sx			
6 1/4"	4 1/2", K-55	10.5#	2685'	5215'		275 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)
2 3/8"	5169'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	2420'	2547'	3 SPF	0.34"	72	Open
B) Fruitland Coal	2570'	2638'	3 SPF	0.35"	30	Open
C)					Total 102	
D)						

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

Depth Interval	Amount and Type of Material
2420' - 2547'	FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 559 BBLS TOTAL SLICKWATER: 215 BBLS TOTAL ACID: 24 BBLS TOTAL L FRAC 20: 320 BBLS TOTAL 20/40 SAND: 70,281 LBS TOTAL 100 MESH SAND: 5,119 LBS TOTAL N2: 601,000 SCF
2570' - 2638'	FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 547 BBLS TOTAL SLICKWATER: 289 BBLS TOTAL ACID: 24 BBLS TOTAL L FRAC 20: 234 BBLS TOTAL 20/40 SAND: 70,403 LBS TOTAL 100 MESH SAND: 5,049 LBS TOTAL N2: 622,000 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
Standalone Rate 5/17/2024		24	→	0	27	20			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	SI - 537	SI - 540	→	0	27	20			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
Commingled Rate 6/3/2024			→	0	248	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→	0	248	0			Producing

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

28b. Production - Interval C

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

28c. Production - Interval D

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

29. Disposition of Gas (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	1227'	1394'	White, cr-gr ss	Ojo Alamo	1227'
Kirtland	1394'	2313'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1394'
Fruitland	2313'	2648'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2313'
Pictured Cliffs	2648'	3009'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2648'
Lewis	3009'	3810'	Shale w/ siltstone stingers	Lewis	3009'
Chacra	3810'	4173'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3810'
Cliffhouse	4173'	4492'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4173'
Menefee	4492'	4851'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4492'
Point Lookout	4851'	'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4851'
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):

**Well now producing as a FC/MV comminggle under DHC 5383
FC # NMSF 0078439**

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 06/18/2024

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

From: blm-afmss-notifications@blm.gov
Sent: Thursday, June 20, 2024 4:16 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: JOHNSTON FEDERAL, Well Number: 1A, 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: **JOHNSTON FEDERAL**
- Well Number: **1A**
- US Well Number: **3004521667**
- Well Completion Report Id: **WCR2024062092076**

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 356442

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 356442
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 356442

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 356442
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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