

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 30-045-24108	⁵ Pool Name Basin Fruitland Coal	⁶ Pool Code 71629
⁷ Property Code 318622	⁸ Property Name McClanahan	⁹ Well Number 15E

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
O	14	28N	10W		910	South	1650	East	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

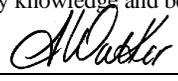
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

²¹ Spud Date 2/17/1980	²² Ready Date 5/18/2024	²³ TD 6490'	²⁴ PBTB 6450'	²⁵ Perforations 1738' – 1872'	²⁶ DHC, MC DHC 5384
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	8 5/8", 24#, K-55	234'	200 sx		
7 7/8"	5 1/2", 15.5#, K-55	6480'	610 sx		
	2 3/8", 4.7#, J-55	6435'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 5/18/2024	³³ Test Date	³⁴ Test Length 4	³⁵ Tbg. Pressure SI 0	³⁶ Csg. Pressure SI 30
³⁷ Choke Size 38/64"	³⁸ Oil 0	³⁹ Water 0	⁴⁰ Gas 35	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: 6/12/2024	OIL CONSERVATION DIVISION	
	Approved by:	
	Title:	
	Approval Date:	
	Phone: 346-237-2177	

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

Well Name: MCCLANAHAN

Well Location: T28N / R10W / SEC 14 / SWSE / 36.65738 / -107.86113

County or Parish/State: SAN JUAN / NM

Well Number: 15E

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079634

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004524108

Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2794928

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/12/2024

Time Sundry Submitted: 10:08

Date Operation Actually Began: 04/06/2024

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

SR Attachments

Actual Procedure

MCCLANAHAN_15E_RC_SR_Writeup_20240612100844.pdf

Well Name: MCCLANAHAN

Well Location: T28N / R10W / SEC 14 / SWSE / 36.65738 / -107.86113

County or Parish/State: SAN JUAN / NM

Well Number: 15E

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079634

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004524108

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 12, 2024 10:08 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: 06/12/2024

Signature: Matthew Kade



Well Operations Summary L48

Well Name: MCCLANAHAN #15E

API: 3004524108	Field: BLANCO MV (PRO #0078)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: 105

Jobs

Actual Start Date: 4/6/2024 **End Date:**

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

Operation

ACCEPT RIO #22 AT 10:00 ON 4/6/24. MOB FROM THE MCCLANAHAN #14E TO THE MCCLANAHAN #15E (11 MILE MOVE). EXTRA TIME TAKEN DUE TO ROUGH ROADS AND WEATHER.
 CLEAN AND SERVICE RIG.
 SECURE WELL. DEBRIEF CREW. LEAVE WELL OPEN TO SALES OVER NIGHT.
 CREW TRAVELED HOME.

Report Number 2	Report Start Date 4/8/2024	Report End Date 4/8/2024
--------------------	-------------------------------	-----------------------------

Operation

CREW TRAVEL TO LOCATION.
 PJSM, CK PRESSURES.
 SITP- 145 SI.
 SICP-145 PSI.
 SIICP 0 PSI.
 SIBHP 0 PSI.
 BDW 15 MIN
 N/D WH. N/U BOP. R/U RIG FLOOR. FUNCTION TEST AND PRESSURE TEST BOP (GOOD).
 WORK STUCK TBG UP TO 56K. UNSUCCESSFUL. PUMP 40 BBLS DOWN CASING AND WORK TUBING TO 56K (UNSUCCESSFUL).
 RU WIRELINE TO FREE POINT. FIRST FREEPOINT TOOL FAILED IN HOLE. COME OUT AND REPLACE TOOL. RIH W/ NEW TOOL AND FREEPOINT TUBING. TBG 100% STUCK @3360'. 100% FREE AT 3315' POOH WITH TOOLS. CALL IN RESULTS TO HEC ENGINEER. DECIDED TO DO A CHEMICAL CUT @ 3310' 6' ABOVE TBG COLLAR.
 MU 1 9/16" OD CHEMICAL CUTTER AND RIH. CUTTER FAILED TO GO OFF. PULL OUT OF HOLE AND REPLACE IGNITER. CUT TBG @3310'. POOH WITH CHEMICAL CUTTER. RD WIRELINE.

Report Number 3	Report Start Date 4/9/2024	Report End Date 4/9/2024
--------------------	-------------------------------	-----------------------------

Operation

CREW TRAVEL TO LOCATION.
 PJSM. CHECK PRESSURE AND BDW (10 MIN)
 SITP: 100 PSI
 FCP: 110 PSI
 SIBHP: 0 PSI
 BDW 10 MIN
 RU PREMIER NDT SCANNING EQUIPMENT AND. TOOH INSPECTING 2-3/8" J-55 TUBING. 9 - YELLOW, 11 - BLUE, 20 - GREEN, 66- RED. DOWNGRADE 8 JOINTS DUE CORROSION ON PIN END AND LD 27' CUT OFF JNT. RIG DOWN SCANNING EQUIPMENT.
 MU FISHING TOOLS(4 3/4" OVERSHOT DRESSED WITH 2 3/8" GRAPPLE, BUMPER SUB, JARS, 6 3-1/8" DC'S, INTENSIFIER, XO). TALLY AND TIH WITH TBG FROM DERRICK. WAIT ON TUBING AND SWAP OUT TUBING TRAILERS. TALLY AND PU 2 3/8' YELLOW BAND TUBING.
 LATCH ONTO FISH @ 3310' JAR ON FISH. FISH MOVING FREELY 40K UP WEIGHT. LD 1 JOINT OF TUBING.
 TOH TO DERRICK WITH 98 JTS. LD DC, JARS, BUMPER SUB AND ACCELLERATOR. LD CUT OFF JOINT. PREP FOR SCAN IN MORNING.
 SISW. SDFN.
 CREW TRAVEL HOME.

Report Number 4	Report Start Date 4/10/2024	Report End Date 4/10/2024
--------------------	--------------------------------	------------------------------

Operation

CREW TRAVEL TO LOCATION.
 PJSM. CHECK PRESSURE AND BDW (10 MIN)
 SITP: 100 PSI
 SICP: 100 PSI
 SIBHP: 0 PSI
 BDW 10 MIN
 RU PREMIER NDT SCANNING EQUIPMENT AND. TOOH INSPECTING 2-3/8" J-55 TUBING. 0 - YELLOW, 0 - BLUE, 6 - GREEN, 93- RED. DOWNGRADE JOINTS DUE TO CORROSION ON PIN END. RIG DOWN SCANNING EQUIPMENT.
 PU 4-3/4" STRING MILL. TIH W/ 94 JTS 2-3/8 YELLOW BAND TUBING TO 2918'. TOH AND LD STRING MILL.
 PU 5 1/2" CIBP. TIH 90 JTS 2-3/8 YELLOW BAND TUBING. **SET @ 2818'**.
 LOAD HOLE W/ 2% KCL WATER (62 BBL TO LOAD). CIRCULATE 10 BBL TO TANK UNTIL CLEAN FLUID AT SURFACE. SHUT IN WELL. MOCK MIT PSI TEST 560 PSI FOR 30 MINUTES (GOOD TEST). BLEED OFF PRESSURE TO 0 PSI.
 SWAP OUT TUBING FLOATS. TOH AND LD 90 JTS 2-3/8 TUBING AND CIBP SETTING TOOL.
 ENSURE HOLE IS FULL OF WATER. ND BOP. ND TUBING HEAD. STUMP UP 5-1/2 15.5# CASING. INSTALL 5K TUBING HEAD. TEST SEAL 2500 PSI FOR 5 MIN (GOOD TEST). NU BOP. FT TEST AND PSI TEST BOP.



Well Operations Summary L48

Well Name: MCCLANAHAN #15E

API: 3004524108

Field: BLANCO MV (PRO #0078
Sundry #:

State: NEW MEXICO
Rig/Service: 105

Operation

SISW. DEBRIEF CREW. SDFN.
CREW TRAVEL HOME.

Report Number 5	Report Start Date 4/11/2024	Report End Date 4/11/2024
--------------------	--------------------------------	------------------------------

Operation

CREW TRAVEL TO LOCATION
PJSM. BRIEF CREW ON DAILY OPS. CHECK PSI AND BDW.
SICP- 0 PSI
SITP- N/A
SIBHP- 0 PSI
BDW 0 MIN
RU TWG WIRELINE AND PACK OFF. RIH W/ CBL. RUN CBL FROM DEPTH OF 2818' TO SURFACE. SUBMIT RESULTS TO ENGINEER. LD CBL. PU AND RIH W/ CNL LOG. SUBMIT RESULTS TO ENGINEER.

PERFORM MIT TEST. CIBP @ 2818' TO SURFACE. 560 PSI FOR 30 MIN. (GOOD TEST) TST WITNESSED/PASSED BY JOHN DURHAM/NMOCD.
PU 5-1/2 WL SET CBP (HEC). RIH, CORRELATE, AND SET @ 1950'. PULL OUT OF HOLE AND LD SETTING TOOL.
PU PERFORATING GUNS. RUN IN HOLE. CORRELATE DEPTHS. PERFORATE LOWER FRUITLAND INTERVAL. (1859' - 1872'). 0.44" DIA 4 SPF. 52 SHOTS PULL OUT OF HOLE AND LD PERFORATING GUNS.
PU WEIGHT BAR AND 5-1/2" HEC FLOW THROUGH PLUG. CORRELATE DEPTHS AND SET FTP @ 1830'. PULL OUT OF HOLE. LD SETTING TOOL AND WEIGHT BAR. RD WIRELINE GROUP.

SISW. DEBRIEF CREW. SDFN.
CREW TRAVEL HOME.

Report Number 6	Report Start Date 4/12/2024	Report End Date 4/12/2024
--------------------	--------------------------------	------------------------------

Operation

CREW TRAVELED TO LOCATION (EARLY)
HELD PJSM WITH RIG CREW. NO PRESSURE ON WELL.
SITP: 0 PSI
SICP: 0 PSI
SIBHP: 0 PSI
BDW: 0 MIN
HOLD PJSM ON HYDRO-TESTING. X/O TO 3 1/2" HANDLING TOOLS. P/U 5-1/2" AS1-X PCKR (DRIFT 2.5") AND X-OVER. TEST TO 8000 PSI (GOOD). TALLY AND P/U 3 1/2" CS-HYDRIL FRAC STRING TO 1640.78' (HYDRO TESTING TO 8000 PSI). HYDROTEST HANGER BEFORE LANDING. R/D WILSON SERVICES.

SET PACKER. LAND FRAC STRING AS FOLLOWS.
TUBING HANGER.
1- 3 1/2" L-80 PUP JT (9.49').
1-XO 3-1/2 EUE X 3-1/2 CS HYDRIL (.46)
52JTS- 3 1/2" 9.3 P-110 CS HYDRIL (1609.63')
1 - 3-1/2 CS HYDRIL X 3-1/2" EUE XO(.54').
1- 3-1/2 EUE X 2-7/8 EUE XO(.43).
1- 2-7/8"X5-1/2" AS1-X PCKR (7.31')
1- 2-7/8" WIRELINE RE-ENTRY GUIDE (0.39)
EOT: 1640.78'.
TOP OF PCKR: 1633.08'
PT CSG TO 500 PSI (GOOD).

LOAD CSG W/ 18 BBL. PT TO 550 PSI (GOOD). PUMP DOWN TBG W/ 95 BBL 2% KCL AT 900 PSI AND 5 BPM. NO COMMUNICATION PAST PACKER.
R/D RIG FLOOR. N/D BOP. N/U FRAC STACK. VOID TEST WH TO STACK CONNECTION TO 5000 PSI, (GOOD)
INSTALL 2 WAY CHECK. PRESSURE TEST FRAC STACK TO 9000 PSI(GOOD).
RIG DOWN RIG AND EQUIPMENT. SISW. RIO #22 RELEASED TO THE ZACHRY #19E ON 4/12/2024 @ 21:00. CREW TRAVELED HOME.

Report Number 7	Report Start Date 5/14/2024	Report End Date 5/14/2024
--------------------	--------------------------------	------------------------------

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.



Well Operations Summary L48

Well Name: MCCLANAHAN #15E

API: 3004524108

Field: BLANCO MV (PRO #0078

State: NEW MEXICO

Sundry #:

Rig/Service: 105

Operation

FRUITLAND STAGE #1 STIMULATION: (1859' TO 1872')

FRAC AT 50 BPM W/ 70 Q N2 FOAM.
 TOTAL LOAD: 365 BBLS
 TOTAL SLICKWATER: 341 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL 40/70 SAND: 20,327 LBS
 TOTAL 100 MESH SAND: 3,035 LBS
 TOTAL N2: 289,000 SCF
 AVERAGE RATE: 50.2 BPM
 MAX RATE: 54.4 BPM
 AVERAGE PRESSURE: 2,274 PSI
 MAX PRESSURE: 2,571 PSI
 MAX SAND CONC: 2.25 PPG DOWNHOLE.
 ISIP: 1,297 PSI
 5 MIN: 573 PSI

DROP 1.875" BALL. GOOD BALL ACTION. PT PLUG TO 1500 PSI (GOOD).

PERF STAGE #2 (FRC)(1738' - 1803") INTERVAL IN 2 RUNS WITH 124 SHOTS, 0.29" DIA, 2" RTG GUN, SELECT FIRE 4 SPF 90 DEGREE PHASING AT 1738'-1754', 1784'-1794', 1798'-1803'.

ALL SHOTS FIRED.

POH. R/D WRLN LUBRICATOR.

FRUITLAND COAL STIMULATION: (1738' TO 1803')

FRAC AT 50 BPM W/ 70Q N2 FOAM.
 TOTAL LOAD: 990 BBLS
 TOTAL SLICKWATER: 966 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL 40/70 SAND: 76,354 LBS
 TOTAL 100 MESH SAND: 10,067 LBS
 TOTAL N2: 783,000 SCF
 AVERAGE RATE: 49.9 BPM
 MAX RATE: 51.8 BPM
 AVERAGE PRESSURE: 1,703 PSI
 MAX PRESSURE: 1,926 PSI
 MAX SAND CONC: 2.25 PPG DOWNHOLE.
 ISIP: 1021 PSI

DROPPED (62) 7/8" RCN BALLS IN THE MIDDLE OF THE STAGE.

SHUT IN WELL. SECURED LOCATION.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.

Report Number 8	Report Start Date 5/15/2024	Report End Date 5/15/2024
--------------------	--------------------------------	------------------------------

Operation

ACCEPT HEC #105 AT 06:00 ON 5/15/2024. CREW ATTEND SAFETY MEETING AT HEC YARD (05:00)

MOB FROM THE ATLANTIC COM B #8A TO THE MCCLANAHAN #15E (28 MILE MOVE). EXTRA TIME TAKEN DUE TO ROUGH ROAD CONDITIONS AND CONSTRUCTION.

SPOT RIG AND EQUIPMENT. RIG UP RIG EQUIPMENT. BLEED DOWN WELL. (TIGHT LOCATION)

SITP: 300 PSI
 SICP: 0 PSI
 SIBHP: 0 PSI
 BDW: 60 MIN

LUBRICATE IN TWC (HOLDING). N/D FRAC STACK. N/U BOP. R/U RIG FLOOR. CHANGE OVER TO 3-1/2" HANDLING TOOLS. FUNCTION TEST BOP (GOOD).

R/U WELLCHECK. PRESSURE TEST PIPE RAMS AND BLIND RAMS. 250 PSI LOW FOR 5 MINUTES AND 2500 PSI HIGH FOR 10 MINUTES. TEST CHARTED. R/D WELLCHECK.

RELEASE PCKR. PULL HANGER. LUBRICATE OUT TWC (500 PSI ON TBG). PUMP 20 BBL KILL TBG. L/D LUBRICATOR. L/D TUBING HANGER.RELEASE WELL CHECK.

L/D 3-1/2" FRAC STRING. L/D PACKER. SWAP TUBING FLOATS. P/U 4-3/4" MILL. TALLY AND P/U 3-1/8" DRILL COLLARS. TALLY AND P/U 2-3/8" TUBING TO TOP PERF. EOT AT 1706'.

SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVEL HOME. EXTRA TIME FOR 05:00 SAFETY MEETING.

Report Number 9	Report Start Date 5/16/2024	Report End Date 5/16/2024
--------------------	--------------------------------	------------------------------

Operation

CREW TRAVEL TO LOCATION.



Well Operations Summary L48

Well Name: MCCLANAHAN #15E

API: 3004524108

Field: BLANCO MV (PRO #0078

State: NEW MEXICO

Sundry #:

Rig/Service: 105

Operation

HELD PJSM WITH RIG CREW ON TODAY'S OPERATIONS. NO PRESSURE ON WELL.

SITP: 0 PSI
 SICP: 0 PSI
 SIBHP: 0 PSI
 BDW: 0 MIN

TALLY AND P/U 2-3/8" TUBING. TAG FILL ON TOP OF PLUG AT 1816' (14' FILL).

BHA AS FOLLOWS:

- 6-1/4" BIT
- BIT SUB (2', 4.31"OD)
- DC 1 (31.53',3.065 OD)
- DC 2 (31.30',3.083 OD)
- DC 3 (31.14',3.145 OD)
- DC 4 (30.82',3.145 OD)
- DC 5 (31.14',3.130 OD)
- DC 6 (31.20',3.108 OD)
- X-OVER (1.75')

P/U SWIVEL. R/U SWIVEL.

KI AIR. UNLOAD WELL.

EST CIRC W/ AIR/FOAM UNIT.

WITH 1350 CFM & 12 BBL/HR WATER. 1 GAL/HR SOAP & 1 GAL/HR INHIBITOR. C/O FILL TO 1830'. **DRILL PLUG #1 (CIPP) AT 1830'.**

CIRC WELL CLEAN. TALLY AND P/U TBG W/ SWIVEL. TAG FILL AT 1930' (20' FILL).

EST CIRC W/ AIR/FOAM UNIT. 1350 CFM & 12 BBL/HR WATER. 1 GAL/HR SOAP & 1 GAL/HR INHIBITOR. C/O SAND AND PLUG PARTS TO 1950'. **DRILL PLUG #2 (CBP) AT 1950'.** P/U TBG W/ SWIVEL TO 2053' (NO TAG).

CIRC WELL CLEAN. PUMP SWEEPS. KILL TUBING. L/D 1 JT. RACK BACK POWER SWIVEL.

TOOH W/ ALL TBG. L/D DRILL COLLARS AND 4-3/4" MILL. L/D POWER SWIVEL.

P/U PRODUCTION BHA. DRIFT AND TIH WITH TUBING.

P/U TUBING HANGER

LAND TUBING AS FOLLOWS:

TUBING HANGER

- 58 - 2-3/8" J-55 YELLOW TUBING (1822.06')
- 1 - 2-3/8" X 2' J-55 PUP JOINT (2.1')
- 1 - 2-3/8" J-55 YELLOW TUBING (33.02')
- 1 - SEAT NIPPLE (1.78" ID)
- 1 - EXP CHECK

PBTD - 6450'

CIBP - 2818'

EOT - 1871.88'

SEAT NIPPLE TOP - 1870.18'

KB - 12'

R/D FLOOR. NIPPLE DOWN BOP. NIPPLE UP NEW WELLHEAD.

PUMP 3 BBLS WATER W/ 5 GAL INHIBITOR DOWN TUBING. PRESSURE TEST TUBING WITH AIR TO 500 PSI (GOOD). PUMPED OFF EXPENDABLE PLUG AT 850 PSI. UNLOAD AND SHUT IN WELL.

R/D HEC #105. PREP FOR RIG MOVE. R/D AIR. CREW TRAVEL HOME. RIG RELEASED TO THE MANGUM #6 ON 5/16/2024 AT 16:30.

Report Number

10

Report Start Date

5/23/2024

Report End Date

5/23/2024

Operation

ACCEPT HEC #105 AT 12:30 ON 5/23/2024. MOB FROM THE MCCLANAHAN #17E TO THE MCCLANAHAN #15E (21 MILE MOVE).

SPOT RIG AND EQUIPMENT. RIG UP RIG EQUIPMENT. BLEED DOWN WELL. (TIGHT LOCATION)

SITP: 0 PSI
 SICP: 130 PSI
 SIBHP: 0 PSI
 BDW: 5 MIN

N/D WH. N/U BOP. R/U RIG FLOOR. FT AND PT BOP (GOOD).

PULL HANGER. L/D TUBING HANGER.

TOOH W/ ALL TUBING.



Well Operations Summary L48

Well Name: MCCLANAHAN #15E

API: 3004524108

Field: BLANCO MV (PRO #0078

State: NEW MEXICO

Sundry #:

Rig/Service: 105

Operation

L/D PRODUCTION BHA. P/U 4-3/4" JUNK MILL. TALLY AND P/U 3-1/8" DRILL COLLARS.

BHA AS FOLLOWS:

- 4-3/4" BIT
- BIT SUB (2', 4.31"OD)
- DC 1 (31.53',3.000 OD)
- DC 2 (31.30',3.110 OD)
- DC 3 (31.14',2.990 OD)
- DC 4 (30.82',3.145 OD)
- DC 5 (31.14',3.100 OD)
- DC 6 (31.20',3.115 OD)
- X-OVER (1.75')

TIH W/ ALL TBG.

TALLY AND P/U 2-3/8" TUBING. TAG FILL ON TOP OF PLUG #1 AT 2814' (4' FILL).

TOOH W/ TUBING TO ABOVE TOP PERF. EOT AT 1673'.

P/U AND RACK POWER SWIVEL. R/U AIR UNIT. PT LINES (GOOD).

SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVEL HOME.

Report Number 11	Report Start Date 5/24/2024	Report End Date 5/24/2024
---------------------	--------------------------------	------------------------------

Operation

CREW TRAVEL TO LOCATION.

HELD PJSM WITH RIG CREW ON TODAY'S OPERATIONS. BDW.

- SITP: 0 PSI
- SICP: 0 PSI
- SIBHP: 0 PSI
- BDW: 0 MIN

TALLY AND P/U 2-3/8" TUBING. TAG SAME FILL ON TOP OF PLUG AT 2814' (4' FILL).

P/U SWIVEL. R/U SWIVEL.

KI AIR. UNLOAD WELL. EST CIRC W/ AIR/FOAM UNIT. WITH 1350 CFM & 14 BBL/HR WATER. 1 GAL/HR SOAP & 1 GAL/HR INHIBITOR. C/O PLUG PARTS AND SAND TO 2818'. **DRILL PLUG #3 (CIBP) AT 2818'.**

PUMP SWEEPS. TRASH GOT AROUND MILL, UNABLE TO GO DOWN. PUMP SWEEPS AND WORK FREE. CIRC WELL CLEAN. RACK BACK SWIVEL.

TALLY AND P/U TUBING. TAG PLUG PARTS AT 3485' CHASE PLUG TO 3684'. JUNK FELL AWAY. CONTINUE TO TALLY AND P/U TUBING. TAG FILL AT 6426' (24' FILL).

P/U SWIVEL. R/U SWIVEL.

KI AIR. UNLOAD WELL. EST CIRC W/ AIR/FOAM UNIT. WITH 1350 CFM & 14 BBL/HR WATER. 2 GAL/HR SOAP & 1 GAL/HR INHIBITOR. C/O PLUG PARTS TO 6450' (PBTD). VERY SLOW PROGRESS. CIRCULATION INTERMITTENT WHILE C/O.

PUMP SWEEPS. CIRCULATE WELL CLEAN (CIRCULATION INTERMITTENT). SAND DOWN TO TRACE PER 5GAL SAMPLE. RACK BACK SWIVEL.

TOOH W/ TUBING TO ABOVE TOP PERFORATION. EOT AT 1704'.

SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVEL HOME.

Report Number 12	Report Start Date 5/28/2024	Report End Date 5/28/2024
---------------------	--------------------------------	------------------------------

Operation

CREW TRAVEL TO LOCATION.

HELD PJSM WITH RIG CREW ON TODAY'S OPERATIONS. BDW.

- SITP: 0 PSI
- SICP: 120 PSI
- SIBHP: 0 PSI
- BDW: 5 MIN

TOOH W/ ALL REMAINING TUBING. L/D DRILL COLLARS AND 4-3/4" MILL. L/D POWER SWIVEL.

MIRU BIG RED TOOL. LUBRICATE VR PLUGS INTO CASING VALVES. N/D VALVES. FLIP VALVES SO HANDEL ARE FACING OPPOSITE DIRECTION. N/U CASING VALVES. LUBRICATE OUT VR PLUGS. R/D BIG RED TOOL.

P/U PRODUCTION BHA. TIH WITH TUBING.



Well Operations Summary L48

Well Name: MCCLANAHAN #15E

API: 3004524108

Field: BLANCO MV (PRO #0078

State: NEW MEXICO

Sundry #:

Rig/Service: 105

Operation

P/U TUBING HANGER.
LAND TUBING AS FOLLOWS:

- TUBING HANGER
- 1 - 2-3/8" J-55 YELLOW TUBING (31.54')
- 1 - 2-3/8" X 8" J-55 PUP JOINT (8.1')
- 203 - 2-3/8" J-55 YELLOW TUBING (6360.33')
- 1 - 2-3/8" J-55 YELLOW TUBING (31.16')
- 1 - SEAT NIPPLE (1.78" ID)
- 1 - PRICE TYPE MUD ANCHOR W/ 3/8" WEAP HOLE (20.93')

- PBTD - 6450'
- EOT - 6435'
- SEAT NIPPLE TOP - 6412.97'
- KB - 12'

R/D FLOOR. NIPPLE DOWN BOP. NIPPLE UP NEW WELLHEAD. R/U ROD BOP AND PUMPING-T.
SWAP HOTSHOT TRAILERS. P/U NEW PUMP. BUCKET TEST (GOOD). P/U ROD STRING AS FOLLOWS:

- 1- 1-1/4"X 22' POLISHED ROD (16' STROKE)
- 174 - 7/8" GRADE K/D SUCKER ROD
- 70- 3/4" GRADE K/D SUCKER ROD
- 1- 4'X3/4" GUIDED PONY ROD
- 3- 1-1/4" SINKER BAR
- 1- 4'X3/4" GUIDED PONY ROD
- 3- 1-1/4" SINKER BAR
- 1- 4'X3/4" GUIDED PONY ROD
- 3- 1-1/4" SINKER BAR
- 1- 3/4" 21K SHEAR TOOL
- 1- 8'X3/4" GUIDED PONY ROD
- 1- 1" LIFTING SUB
- 1- 2"X1-1/4"X12'X16' RHAC-Z HVR INSERT ROD PUMP (SN HIL 971, OK FOR ACID)

R/U STUFFING BOX.
SEAT PUMP. SPACE OUT. LOAD TUBING, P-TEST TO 1000 PSI (GOOD). BLEED OFF PRESSURE. LONG STROKE PUMP BACK UP TO 1000 PSI. GOOD.

R/D HEC #105. PREP FOR RIG MOVE. R/D AIR. CREW TRAVEL HOME. RIG RELEASED TO THE BEAVER LODGE ON 5/28/2024 AT 20:30.

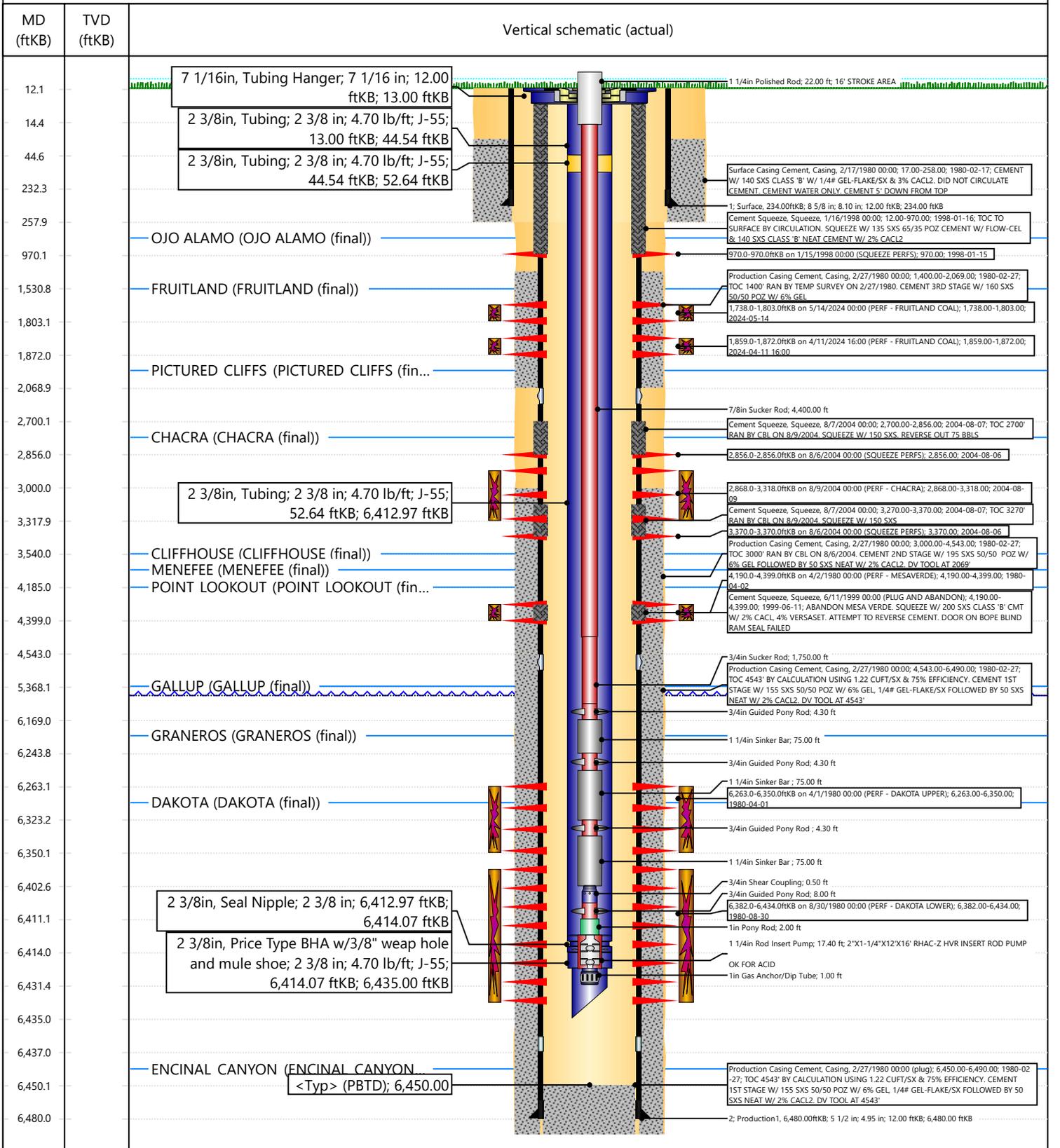


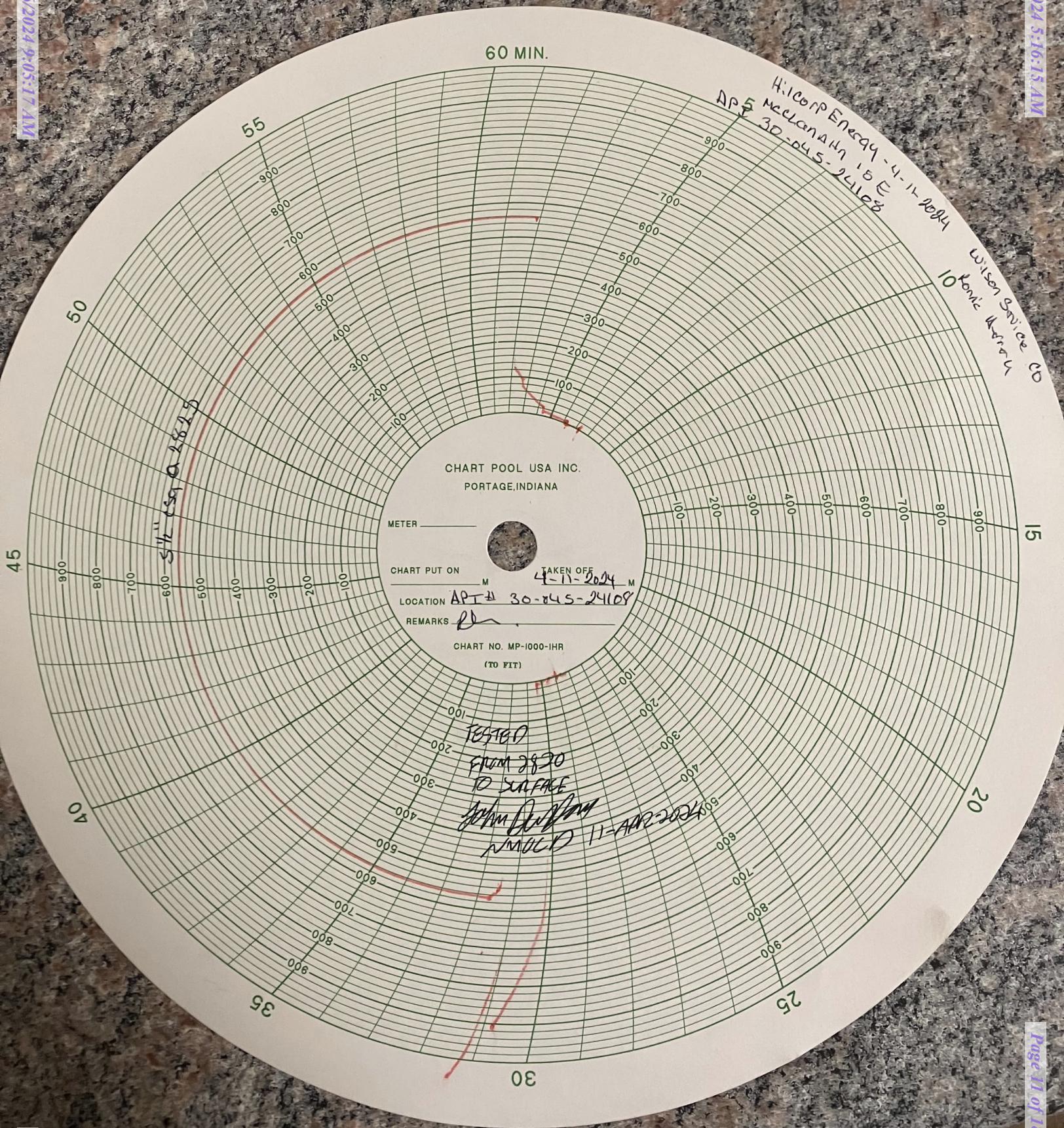
Current Schematic - Version 3

Well Name: MCCLANAHAN #15E

API / UWI 3004524108	Surface Legal Location 014-028N-010W-O	Field Name BLANCO MV (PRO #0078	Route 0707	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,737.00	Original KB/RT Elevation (ft) 5,749.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole







**NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT**

MECHANICAL INTEGRITY TEST REPORT
(TA OR UIC)

Date of Test 11-APR-2024 Operator HILLOP API # 30-04524108
 Property Name McCLANAHAN Well # 15E Location: Unit 0 Sec 4 Twn 28 Rge 10

Land Type: State _____ Well Type: Water Injection _____
 Federal _____ Salt Water Disposal _____
 Private _____ Gas Injection _____
 Indian _____ Producing Oil/Gas X
 Pressure observation _____

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

Casing Pres. _____ 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: TESTED FROM 2820 TO SURFACE
1000 PSI SPRING 60 MINUTE CLOCK THE LAST 10 WAS MEASURED
UP TO 505 PSI AND PRESSURE FELL TO 505 AND HELD
FOR THE LAST 15 MINUTES

By: [Signature] Witness: [Signature]
 (Operator Representative) (NMOCD)

(Position) Revised 02-11-02

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



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
 AZTEC DISTRICT OFFICE
 1000 RIO BRAZOS ROAD
 AZTEC NM 87410
 (505) 334-6178 FAX: (505) 334-6170
[http://emnrd.state.nm.us/ocd/District 103/district.htm](http://emnrd.state.nm.us/ocd/District%20103/district.htm)

BRADENHEAD TEST REPORT
(submit 1 copy to above address)

Date of Test 11-APR-2024 Operator HILLOP API # 30-04524108
 Property Name McCLANAHAN Well No 15E Location: Unit 0 Section 14 Township 28 Range 10
 Well Status (Shut-In or Producing) Initial PSI: Tubing N/A Intermediate N/A Casing 0 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE					FLOW CHARACTERISTICS	
	Bradenhead		INTERM		BRADENHEAD	INTERMEDIATE	
	BH	Int	Csg	Int	Csg		
5 min	0	N/A	0				Steady Flow _____
10 min	0		0				Surges _____
15 min	0		0				Down to Nothing _____
20 min							Nothing <u>X</u> _____
25 min							Gas _____
30 min							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 N/A

REMARKS: _____

By: [Signature] Witness: [Signature]
 (Position) _____

E-mail address _____

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.
NMSF079634

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

3. Address: **382 Road 3100, Aztec, NM 87410**
 3a. Phone No. (include area code): **(505) 599-3400**

7. Unit or CA Agreement Name and No.

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface
O (SWSE) 910' FSL & 1650' FEL

8. Lease Name and Well No.
McClanahan 15E

At top prod. Interval reported below

9. API Well No.
30-045-24108

At total depth

10. Field and Pool or Exploratory
Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area
Sec. 14, T28N, R10W

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

14. Date Spudded: **2/17/1980**
 15. Date T.D. Reached: **2/26/1980**
 16. Date Completed: **5/18/2024**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5737' GL

18. Total Depth: **6490'**
 19. Plug Back T.D.: **6450'**

20. Depth Bridge Plug Set: MD
 TVD

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

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	8 5/8", K-55	24#		234'		200			
7 7/8"	5 1/2", K-55	15.5#		6480'		610			

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"	6435'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal - Upper	1738'	1803	4 SPF	0.29"	124	Open
B) Fruitland Coal - Lower	1859'	1872'	4 SPF	0.44"	52	Open
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
Fruitland Coal - Upper (1738'-1803')	FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 990 BBLS TOTAL SLICKWATER: 966 BBLS TOTAL ACID: 24 BBLS TOTAL 40/70 SAND: 76,354 LBS TOTAL 100 MESH SAND: 10,067 LBS TOTAL N2: 783,000 SCF
Fruitland Coal - Lower (1859'-1872')	FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 365 BBLS TOTAL SLICKWATER: 341 BBLS TOTAL ACID: 24 BBLS TOTAL 40/70 SAND: 20,327 LBS TOTAL 100 MESH SAND: 3,035 LBS TOTAL N2: 289,000 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 5/18/2024		4	→	0	35	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
38/64	SI 0	SI 30	→	0	210	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
Commingle Rate 6/7/2024		24	→	0	397	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	SI 30	→	0	397	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	810'	1531'	White, cr-gr ss	Ojo Alamo	810'
Fruitland	1531'	1891'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1531'
Pictured Cliffs	1891'	'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	1891'
Lewis	'	2851'	Shale w/ siltstone stingers	Lewis	'
Chacra	2851'	3540'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2851'
Cliffhouse	3540'	3560'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3540'
Menefee	3560'	4185'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3560'
Point Lookout	4185'	5368'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	1891'
Gallup	5368'	6200'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5368'
Graneros	6200'	6320'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6200'
Dakota	6320'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6320'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	'

32. Additional remarks (include plugging procedure):

**This well is now producing as a FC/CH/DK Commingle under DHC 5384
FC# NMSF 0079634**

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

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Amanda Walker Title Operations/Regulatory Technician - Sr.
 Signature  Date 6/12/2024

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: Kade, Matthew H <mkade@blm.gov>
Sent: Friday, June 14, 2024 12:33 PM
To: Mandi Walker
Subject: Re: [EXTERNAL] McClanahan 15E

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

Good afternoon,

That completion report was also approved on Wednesday with the three sundries for the McClanahan 15E. Good to know that AFMSS is not sending out emails.

Thanks,

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

From: Mandi Walker <mwalker@hilcorp.com>
Sent: Friday, June 14, 2024 11:23 AM
To: Kade, Matthew H <mkade@blm.gov>
Subject: [EXTERNAL] McClanahan 15E

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon Matthew,

I got an email from Kenny this morning on one of my completion reports to let me know it was approved, but AFMSS wasn't sending out the emails. I just thought I would check on this one since I hadn't seen it come in with the rest of the reports that were approved on Wednesday.

The completion id is WCR2024061292006

Thank you

Mandi Walker

SJE/SJN (1,2,7) Regulatory Technician Sr.
Hilcorp Energy Company
1111 Travis Street / 12.215
Houston, TX 77002
Office: 346.237.2177

mwalker@hilcorp.com

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.

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 357566

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 357566
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
 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

CONDITIONS

Action 357566

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 357566
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	6/26/2024