

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 30-039-06414	⁵ Pool Name Basin Dakota	
⁶ Pool Code 71599		
⁷ Property Code 319696	⁸ Property Name Jicarilla E	⁹ Well Number 6

II. ¹⁰ Surface Location

Ul or lot no. B	Section 21	Township 26N	Range 04W	Lot Idn	Feet from the 890	North/South Line North	Feet from the 1650	East/West Line East	County Rio Arriba
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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 I	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 10/10/1956	²² Ready Date 11/03/2023	²³ TD 8,023'	²⁴ PBTD 7,849'	²⁵ Perforations 7,628' – 7,809'	²⁶ DHC, MC DHC-5336
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
15"		13 3/8" H-40, 48#		233'	
11-1/2"		9 5/8" J-55, 32.3#		3,577'	
7-1/4"		7", J-55, 23#		7,302'	
"		5 1/2" J-55, 15.5 & 17#		8,022'	
		2 3/8", J-55, 4.7#		7,809'	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 11/03/2023	³³ Test Date 11/03/2023	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure 700 psi	³⁶ Csg. Pressure 680 psi
³⁷ Choke Size 24/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 47 mcf		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: Cherylene Weston			OIL CONSERVATION DIVISION		
Printed name: Cherylene Weston			Approved by: Sarah McGrath		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Specialist - A		
E-mail Address: cweston@hilcorp.com			Approval Date: 11/29/2023		
Date: 11/13/2023			Phone: 713-289-2615		
Upload CBL to OCD Permitting/Well Logs					

Well Name: JICARILLA E	Well Location: T26N / R4W / SEC 21 / NWNE / 36.4768924 / -107.2531185	County or Parish/State: RIO ARriba / NM
Well Number: 6	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC104	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003906414	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2761678

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 11/15/2023

Time Sundry Submitted: 10:43

Date Operation Actually Began: 09/11/2023

Actual Procedure: The subject well was recompleted in the Dakota formation and the existing Gallup perms were re-perforated. Please see attached reports.

SR Attachments

Actual Procedure

JICARILLA_E_6_20231115104228.pdf

Jicarilla_E_6_RC_Sbsq_Sundry_20231115103942.pdf

Well Name: JICARILLA E

Well Location: T26N / R4W / SEC 21 /
NWNE / 36.4768924 / -107.2531185

County or Parish/State: RIO
ARRIBA / NM

Well Number: 6

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:
JICARILLA APACHE

Lease Number: JIC104

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003906414

Well Status: Producing Gas Well

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: CHERYLENE WESTON

Signed on: NOV 15, 2023 10:42 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: CWESTON@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: 11/15/2023

Signature: Matthew Kade

Jicarilla E 6

API 30-039-06414

Dakota Recomplete/Re-Perf Gallup

Lease JIC104

- 9/11/2023** MIRU EXPERT SL. CONDUCT PRE-RIG WORK. RDMO EXPERT. MIRU. SITP-100 PSI. SICP-100 PSI. SIICP-0 PSI. SIBHP-0 PSI. BDW. ND WH. NU BOP & FT, GOOD. UNSET TBG HNGR. LD HNGR. MIRU PREMIER. TOOH SCANNING 227 JTS. RDMO PREMIER. SISW. SDFN.
- 9/12/2023** PJSA. SICP-120 PSI. SIICP-0 PSI. SIBHP-0 PSI. BDW. TIH 5.5" CSG SCRAPER TO 3,751'. XO TBG FLOATS. CONT TIH TO 7,135' (TOP GALLUP PERF @ 7,140'). TOH CSG SCRAPER/TBG. SISW. SDFN.
- 9/13/2023** PJSA. SICP-110 PSI. SIICP-0 PSI. SIBHP-0 PSI. BDW. TIH, SET 5.5" CR @ 7,125'. LOAD CSG. WO CMT CREW. SISW. SDFN.
- 9/14/2023** PJSA. SITP-110 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. BDW. MIRU HEC CMT. TEST CMT LINES. EST INJ RATE THRU CR INTO GALLUP PERFS @ 3.5 BPM @ 200 PSI. PUMPED 30 BBLS WATER. **MIX/PUMP 20 SX TYPE III CMT @ 14.8 PPG W/ 1.37 FT3 YLD.** PSI @ 25 BBLS PUMPED. DISP W/27 BBLS WATER. STING OUT OF CR. TOH. SISW. SDFN.
- 9/15/2023** PJSA. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. MIRU BIG RED TOOL & CF&M WELDING. RD FLOOR. ND BOP. ND TBG HEAD. STUB UP 5.5" CSG. NU NEW TBG HEAD. TEST VOID SEALS, GOOD. RDMO BIG RED & CF&M. NU BOP & TEST, GOOD. RU FLOOR. TIH TO DO CMT. SUSPEND OPS; W/O LIGHTNING TO PASS. CONT TIH, TAG CMT @ 7,095' (CR @ 7,125'). RU PWR SWVL. LIGHTNING RETURNED. SISW. SDFWE.
- 9/18/2023** PJSA. SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. BREAK CIRC W/3 BBLS WTR. DO CMT ABOVE CR 7,095' TO 7,125'. CONT DO BELOW CR (GALLUP PERFS: 7,140'-7,153') TO 7,190'. TAG CMT FROM ORIG PLUG. CONT DO TO CIBP @ 7,200'. LOST CIRC TO LOWER GALLUP PERFS (7,980'-7,998')'. SD DRILLING. PULL BIT/TBG TO 7,135'. HANG BACK SWVL. SISW. SDFN.
- 9/19/2023** PJSA. SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. TIH, TAG PLUG CARCASS @ 7,202'. MIRU AIR UNIT, TEST LINES 2,000 PSI, GOOD. START AIR @ 1,300 CFM, NO MIST. UNLOAD 130 BBLS TO TANK. START MIST @ 15 BPH. CONT DO CIBP DOWN TO 7,968'. SD AIR/MIST. RD PWR SWVL. TOOH. SISW. SDFN.
- 9/20/2023** PJSA. SICP-560 PSI. SIICP-0 PSI. SIBHP-0 PSI. BDW. TIH 2 3/8" TBG, TAG OBSTRUCTION @ 7,881'. PUMP 20 BBLS DOWN CSG ANNULUS. WAIT 20 MINS. SET 5.5" CIBP @ 7,850'. CIRC WELL W/85 BBLS WATER. TOH. TIH TO 7,116'. LOAD CSG ABOVE PKR W/35 BBLS WATER. TEST ABOVE PKR TO 580 PSI X 15 MIN, GOOD. UNSET PKR. TIH, SET PKR @ 7,181'. TEST BELOW PKR 590 PSI X 15 MIN, GOOD. UNSET PKR, RESET @ 7,116'. RELOAD CSG ABOVE PKR. SISW. SDFN. **NOTIFY JICARILLA BLM REP (JASON S.) OF MIT TESTING.**
- 9/21/2023** PJSA. SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. MIRU WELLCHECK. PT UNIT, GOOD. **CONDUCT MIT TESTS: 1ST: PKR @ 7,116'; TEST CSG ABOVE PKR 590 PSI X 30 MIN, GOOD.** UNSET PKR, RESET @ 7,181'. **2ND: PKR @ 7,181'. TEST CSG BELOW PKR & CIBP @ 7,850' 600 PSI X 30 MIN, GOOD. MITS WITNESSED BY JASON SANDOVAL, JICARILLA OGA.** RD WELLCHECK. UNSET PKR, TOOH. MIRU BASIN WL. **RUN CBL 7,850' TO SURFACE.** RDMO BASIN. SISW. SDFN.
- 9/22/2023** PJSA. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. TIH 2 3/8" TBG, TOH LD ONTO FLOAT. MIRU BASIN WL. RIH, **PERF STAGE 1 DAKOTA (7,747'-7,809') W/ .34" DIA, 1 SPF (22 HOLES).** RIH, SET 5.5" **FRAC PLUG @ 7,742'.** RDMO BASIN WL. SISW. SDFWE.
- 9/25/2023** PJSA. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. XO PIPE RAMS TO 3 1/2" TBG. FT. XO TBG ELEVATORS. MU AS1X PRK & CROSSOVERS. TIH W/ 3.5" P-110 FRAC STRING. LOAD TBG. TIH 125-JTS, XO TBG FLOATS. CONT TIH W/FRAC STRING TO 6,365'. SISW. SDFN.
- 9/26/2023** PJSM. SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. CONT TIH FRAC STRING TO 7,500'. INSTALL FRAC HANGER, SET PKR @ 7,496' W/18K COMPRESSION. ND BOP. MIRU BIG RED & WELLCHECK. NU 10K FRAC STACK. LOAD/TEST 7,000 PSI, GOOD. REL PSI. RDMO. MIRU EXPERT SL. 1ST RUN: 2.25" O.D. SPEAR TOOL TO 7,485' SLM. BREAK DISC W/11 HITS. TBG ON SLIGHT VACUUM, DOWN TO 7,525' NO OBSTRUCTIONS. RDMO EXPERT. SISW. SDFN. WO FRAC.

Jicarilla E 6

API 30-039-06414

Dakota Recomplete/Re-Perf Gallup

Lease JIC104

- 10/16/2023** MIRU FRAC CREW. **FRAC STAGE 1:** BDW W/WATER & 500 GAL 15% HCl. **FOAM FRAC'D LOWER DAKOTA W/100,118# 20/40 SAND, 64,554 GAL SLICKWATER & 3.06M SCF N2 65 Q.** DROP BALL ON FRAC BAFFLE. RIH, **PERF STAGE 2 DAKOTA (7,628'-7,734') W/.29" DIA, 1 SPF (22 HOLES).** **FRAC STAGE 2:** BDW W/WATER & 500 GAL 15% HCl. **FOAM FRAC'D UPPER DAKOTA W/100,034# 20/40 SAND, 69,258 GAL SLICKWATER & 3.38M SCF N2 65 Q.** SIW. RD. TOTAL FRAC LOAD = 3210 BBLS (INCL 24 BBLS ACID). TOTAL SAND = 200,152 LBS. TOTAL N2 = 6.44M SCF.
- 10/17/2023** MIRU. BH-0 PSI, INT-0 PSI, CSG-40 PSI, TBG-2,900 PSI. RU IDEAL COMPLETION SERVICES. BDW, MONITOR PSI. XO MUD SPOOL ON BOP. RU WELLCHECK. TEST BOP, GOOD. SISW. SDFN.
- 10/18/2023** PJSM. BH-0 PSI, INT-0 PSI, CCG-200 PSI, TBG-50 PSI. BDW. SI, MONITOR PSI BUILD 1 HR. RD IDEAL. PUMP 60 BBL TBG KILL. INSTALL 2-WAY CHK. ND FRAC STACK. NU BOP, RU FLOOR. RU WELLCHECK. BOP TEST, GOOD. RD WELLCHECK. PULL HANGER, REL PKR. RU BIG RED, PULL 2-WAY CHECK. REL PKR. SDFN.
- 10/19/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-1,300 PSI, BDW. RU BASIN WL. RIH, SET **CBP @ 7,220'**. POOH. RIH, 3-1/8" PERF GUN, TAGGED @ 6,833'. CALL IN FINDINGS. RIH W/JUNK BASKET, TAGGED @ SAME DEPTH. POOH. PUMP CSG CAPACITY. RIH 4.5" JUNK BASKET, TAG @ 6,833'. POOH, RD. XO TOOLS FOR 2-3/8" TBG. XO DRILL LINE. SISW. SDFN.
- 10/20/2023** PJSM, BH 0 PSI, INT 0 PSI, PROD CSG 400 PSI, BDW. PU 4-3/4" 5-BLADE JUNK MILL ON 2-3/8" WORK STRING. RIH TO 6833', TAG CBP. **DO CBP.** RIH TO 7300', CIRC WELL CLEAN. PULL 7 STDS. SISW. SDFN.
- 10/21/2023** PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-1300 PSI, TBG 800-PSI, BDW. TIH TO 7,272', TAG PKR, STACK OUT 10K, NO MOVEMENT. PU SLACK OFF PLUG, BEGAN TO MOVE DOWNHOLE, FOLLOW WITH TBG TO TOP OF FRAC PLUG @ 7,742'. MO 1.5', FIBERGLASS/RUBBER IN RETURNS, HEAVY FRAC SAND. CIRC CLEAN. LD TBG. RU BASIN LOGGING. SET **CBP @ 7230'**. RIH, **RE-PERF GALLUP (7,140' - 7,153') W/.33" DIA, 4 SPF, 120 DEGREE PHASING (52 HOLES).** RD BASIN. SISW. SDFWE.
- 10/23/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-1,600 PSI, BDW. SI, MONITOR PSI. CLIMBED TO 1,100 PSI. RIH W/4.5" GR, VERIFY IF PLUG IS SET. **TAG PLUG @ 7,140'** (90' ABOVE SET DEPTH 7,230'). RD WL. KILL WELL W/180 BBLS. PU TBG/MILL TO 4,500'. SISW. SDFN.
- 10/24/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-1,000 PSI, BDW. PU 100 JTS, TAG PLUG @ 7,740' (FRAC PLUG @ 7,742'). RU PWR SWVL. PUMP 5 BBLS AHEAD, EST CIRC WITH AIR/MIST. **DO CBP @ 7,742'.** CIRC CLEAN. RD SWVL. XO TOOLS FOR 3-1/2" TBG. SISW. SDFN.
- 10/25/2023** PJSM. BH- 0 PSI, INT- 0 PSI, CSG- 1,000 PSI, BDW. RU WILSON SERVICES. KILL WELL. HYDRO-TEST TBG 8,000 PSI. TIH, 3.5" TBG & 5.5" AS1X PKR TO 6,000'. SISW. SDFN.
- 10/26/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-1,300 PSI, BDW. KILL WELL. TIH, HYDRO-TEST 3.5" FRAC STRING 8,000 PSI. REPLACE LAST JT, LEAK AT PIN. KILL WELL, SET PKR, LAND TBG IN 20K COMPRESSION. RD FLOOR. ND BOP. NU 4" 10K FRAC STACK. TEST VOID/SEALS, GOOD. PT FRAC STACK 8,700 PSI, GOOD. RU EXPERT SL. RIH, BREAK OUT DUAL DISC SUB. RD. MOVE RIG OFF TO ALLOW FRAC CREW ROOM. MIRU FRAC CREW. PJSM. **FRAC STAGE 3:** BDW W/WATER & 500 GAL 15% HCL. **FOAM FRAC'D GALLUP W/ 50,615# 20/40 SAND, 31,668 GAL SLICKWATER & 1.07M SCF N2 70 Q.** SIW. RD. TOTAL FRAC LOAD (ALL 3 STAGES) = 3,976 BBLS (INCL 36 BBLS ACID). TOTAL SAND = 250,767 LBS. TOTAL N2 = 7.51M SCF.
- 10/28/2023** PJSM. MOVE EQUIP BACK TO LOCATION. BH-0 PSI, INT-0 PSI, PROD CSG-1100 PSI, FRAC STRING 1100 PSI. RU. BD FRAC STRING PSI TO 250, KILL FRAC STRING 30 BBLS WATER. INSTALL TWC. ND FRAC STACK, NU 5K BOPE, RU FLOOR. PT BOP 250 PSI LOW, 2500 PSI HIGH. GOOD. REL PKR, PULL TO FLOOR. ATT DRY ROD TWC, RU LUBRICATOR, PUMP 40 BBLS WATER KILL FRAC STRING. RD BIG RED. LD 117 JTS 3.5" FRAC STRING. SISW. SDFN.
- 10/29/2023** PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-850 PSI, FRAC STRING-900 PSI, BDW. KILL TBG 20 BBLS WATER. LD TBG. SWAP TRAILERS. TIH W/ 2-3/8" WORK STRING, TAG FILL @ 7477', PULL 7 STDS ABOVE PERFS @ 7140'. SISW. SDFN.

Jicarilla E 6

API 30-039-06414

Dakota Recomplete/Re-Perf Gallup

Lease JIC104

- 10/30/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-1,000 PSI, BDW. TIH, TAG 264' FILL @ 7,478' (FRAC PLUG @ 7,742'). RU PWR SWVL. RU AIR UNIT. EST CIRC W/ AIR & MIST. CO 264' FILL. **DO FRAC PLUG @ 7,742'**. CHASE PLUG REMAINS TO 7,780' (69' FROM CIBP/PBTD). CIRC CLEAN. BYPASS AIR. HANG SWVL. TOO HIGH TO ABOVE PERFS. SISW. SDFN.
- 10/31/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-800 PSI, BDW. TIH, TAG 84' FILL @ 7,765'. RU PWR SWVL. EST CIRC WITH AIR/MIST. CO FILL 7,765' TO 7,820'. DO PLUG REMAINS. CO FILL TO CIBP @ 7,849'. RETURNS 3-6 CUPS PER 5 GAL SAMPLE. CIRC UNTIL SAND RETURNS DOWN TO 1/4 CUP. PUMP SWEEP, CIRC CLEAN. BYPASS AIR. RD PWR SWVL. PULL TBG ABOVE PERFS. SDFN.
- 11/1/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-400 PSI, TBG-0 PSI, BDW. TIH, TAG 29' FILL @ 7,820'. PU SWVL. EST CIRC WITH AIR/MIST. CO FILL FROM 7,820' TO 7,849'. CIRC WELL CLEAN, RETURNS DOWN TO TRACE. BYPASS AIR, LD SWIVEL. PULL TBG, LD MILL. TIH W/ BHA TO 4,700'. SISW. SDFN.
- 11/2/2023** PJSM. BH-0 PSI, INT-0 PSI, CSG-600 PSI, TBG-0 PSI, BDW. FINISH TIH W/PROD BHA. LAND 246 JTS 2-3/8", 4.7#, J-55 **TBG @ 7,809'** (SN @ 7,777'). RD FLOOR & TOOLS. ND BOP. PUMP 30 BBL KILL. PULL HANGER. SET TBG ANCHOR IN 10K TENSION. NU WH. PU ROD PUMP & TEST. PU 3/4" & 7/8" TAPERED ROD STRING. SEAT PUMP. LOAD, PT TBG. VERIFY PUMP ACTION. HANG OFF RODS ON STUFFING BOX. RDRR.

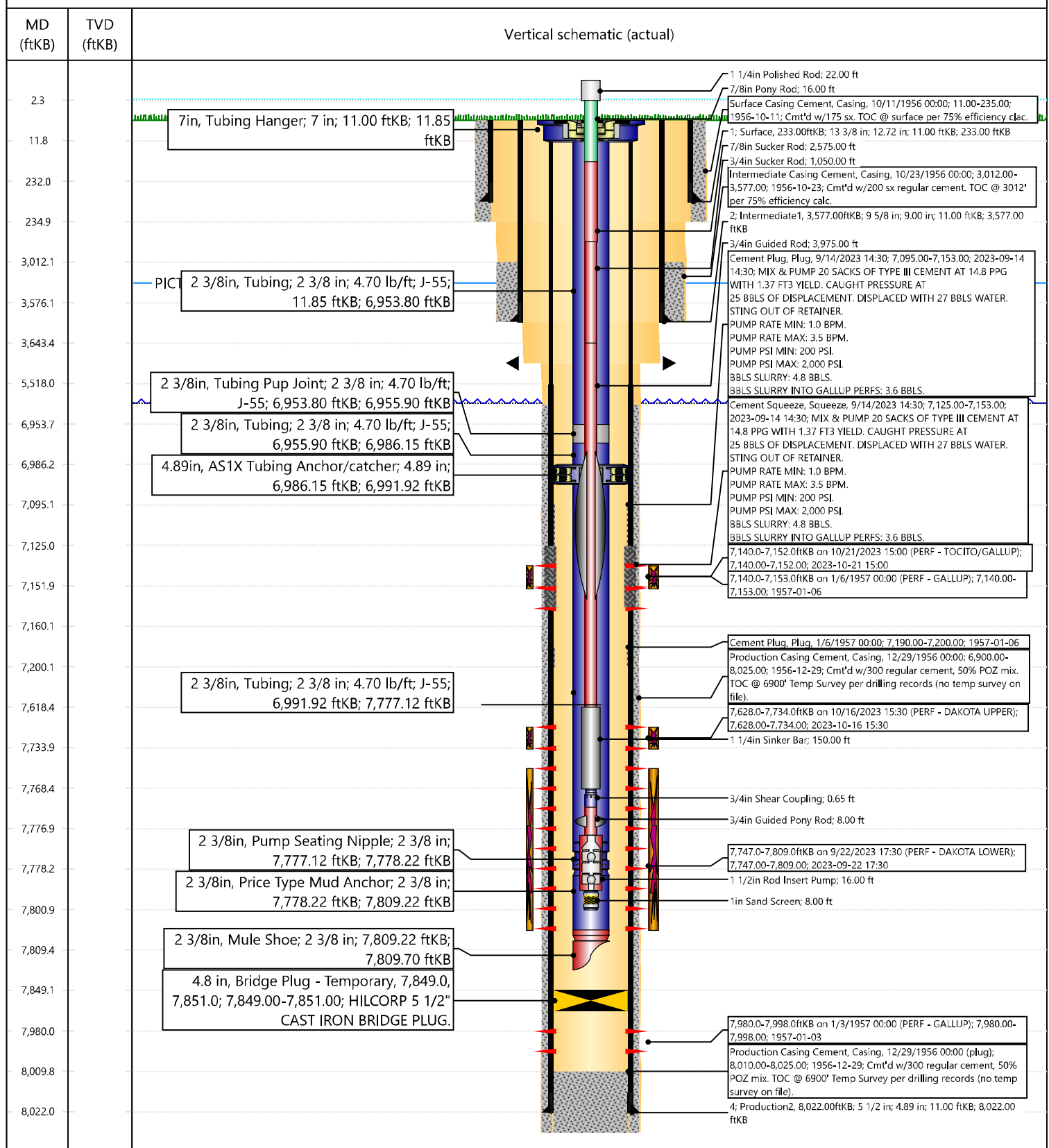


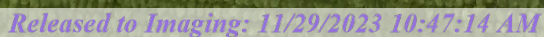
Current Schematic - Version 3

Well Name: JICARILLA E 006

API / UWI 3003906414	Surface Legal Location 021-026N-004W-B	Field Name GL	Route 1406	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,785.00	Original KB/RT Elevation (ft) 6,796.00	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

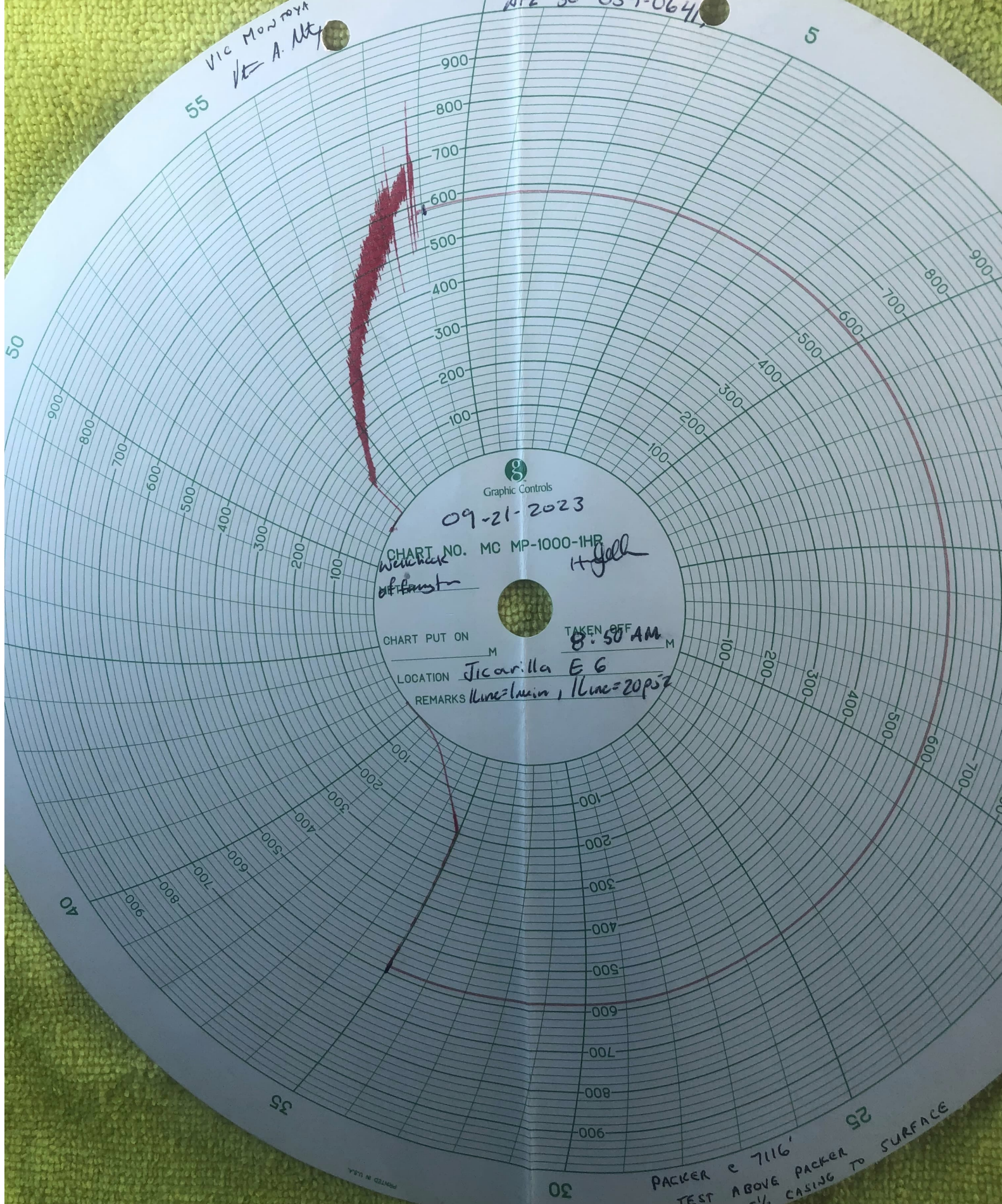
OH ST1 [Vertical]





55 VIC MONROYA
HEC
Vt = A. Mty

60 H.I. Corp
Sec 21 - 026 N - 004 N
APZ 30 - 039 - 064



Graphic Controls
09-21-2023
CHART NO. MC MP-1000-1HR
TAKEN OFF 8:50 AM
LOCATION Jicarilla E 6
REMARKS line=main, 1 line=20psi

PACKER e 7116'
TEST ABOVE PACKER
5 1/2 CASING TO SURFACE

Cheryl Weston

From: blm-afmss-notifications@blm.gov
 Sent: Wednesday, November 15, 2023 2:11 PM
 To: Cheryl Weston
 Subject: [EXTERNAL] Well Name: JICARILLA E, Well Number: 6, 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: **JICARILLA E**
- Well Number: **6**
- US Well Number: **3003906414**
- Well Completion Report Id: **WCR2023111590189**

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

Screenshot of BLM completion data perf range is correct for Dakota. Revised the C-105 form to reflect 7628' top perf.

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	C1	1	JIC104	JIC104	A1_NU LL		PGW	01-20-2021		GALLUP	7140	7153	Y	.33	52	OPEN
01	C2	1	JIC104	JIC104	DIFFRE SV		PGW	11-02-2023	11-02-2023	DAKOTA	7628	7809	Y	.34	44	OPEN

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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										5. Lease Serial No. JIC104	
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,										6. If Indian, Allottee or Tribe Name Jicarilla Tribe	
Other: RECOMPLETE										7. Unit or CA Agreement Name and No.	
2. Name of Operator Hilcorp Energy Company										8. Lease Name and Well No. Jicarilla E 6	
3. Address 382 Rd 3100, Aztec NM 87410					3a. Phone No. (include area code) (505) 333-1700					9. API Well No. 30-039-06414	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit B (NWNE), 890' FNL & 1650' FEL										10. Field and Pool or Exploratory Basin Dakota	
At top prod. Interval reported below Same as above										11. Sec., T., R., M., on Block and Survey or Area Sec. 21, T26N, R4W	
At total depth Same as above										12. County or Parish Rio Arriba	
14. Date Spudded 10/10/1956										13. State New Mexico	
15. Date T.D. Reached 10/23/1956			16. Date Completed ☐ D & A ☒ Ready to Prod.			17. Elevations (DF, RKB, RT, GL)* 6,795'					
18. Total Depth: 8,023'			19. Plug Back T.D.: 7,849'			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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
15"	13 3/8" H-40	48#	0	233'	n/a	175 sx					
11 1/2"	9 5/8" J-55	32.3#	0	3,577'	n/a	200 sx					
7 1/4"	7" J-55	23#	0	7,302'	n/a	200 sx					
	5 1/2" J-55	15.5, 17#		8,022'	n/a	300x					
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"	7,809'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Dakota		7,628'	7,734'	4 SPF		.29"	22	open			
B) Dakota		7,747'	7,809'	4 SPF		.34"	22	open			
C)											
D)											
TOTAL							44				
26. Perforation Record											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
7628'-7734'		BDW w/water & 500 gal 15% HCl. Foam Frac w/100,034# 20/40 sand, 69,258 gal slickwater & 3.38M SCF N2 65 Q.									
7747'-7809'		BDW w/water & 500 gal 15% HCl. Foam Frac w/100,118# 20/40 sand, 64,554 gal slickwater & 3.06M SCF N2 65 Q									
-											
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		
11/3/2023	11/3/2023	4		0	47 mcf	0 bbls	n/a	n/a	Flowing		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
24/64"	700 psi	680 psi		0	47 mcf	0 bwpd	n/a	Producing			
28a. Production - Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
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 (Solid, 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			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland		3,423'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs	3,423'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,423'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		5,090'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	5,090'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	5,090'
Menefee			Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,577'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,577'
Mancos		6,794'	Dark gry carb sh.	Mancos	
Gallup	6,794'		Lt. gry to brn calc micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,794'
Greenhorn	7,530'		Highly calc gry sh w/ thin lmst.	Greenhorn	7,530'
Graneros	7,592'	7,627'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,592'
Dakota	7,627'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,627'
Morrison	7,970'		Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	7,970'

32. Additional remarks (include plugging procedure):

This well is currently producing as a GL/DK commingle per DHC-5336.

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) Cherylene Weston Title Operations/Regulatory Technician

Signature Cherylene Weston Date 11/13/2023

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.

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 289096

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 289096
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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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 289096

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 289096
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	Upload CBL to OCD Permitting/Well Logs	11/29/2023