

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 30-045-21708	⁵ Pool Name Basin Fruitland Coal (Gas)		⁶ Pool Code 71629
⁷ Property Code 319091	⁸ Property Name State Com H		⁹ Well Number 4A

II. ¹⁰ Surface Location

UL or lot no. F	Section 32	Township 31N	Range 09W	Lot Idn	Feet from the 1850	North/SouthLine North	Feet from the 1560	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township N	Range W	Lot Idn	Feet from the	North/SouthLine SOUTH	Feet from the	East/West line WEST	County
¹² Lse Code S	¹³ Producing Method Code F		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

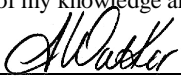
III. Oil and Gas Transporters

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 6/28/1975	²² Ready Date 7/11/2022	²³ TD MD 5824'	²⁴ PBTD MD 5779'	²⁵ Perforations 3138' - 3335'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13 3/4"		10 3/4"		159'	
8 3/4"		7", 23#, K-55		3645'	
6 1/4"		4 1/2", 10.5#, CW-55		5819'	
		2 3/8", 4.7#, J-55		3240'	

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 7/11/2022	³³ Test Date 7/11/2022	³⁴ Test Length 24hr	³⁵ Tbg. Pressure SI-220psi	³⁶ Csg. Pressure SI-220psi
³⁷ Choke Size 48/64"	³⁸ Oil 0	³⁹ Water 47 bwpd	⁴⁰ Gas 53 mcf/d		⁴¹ Test Method N/A
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: 			OIL CONSERVATION DIVISION		
Printed name: Amanda Walker			Approved by: John Garcia		
Title: Operations Regulatory Tech Sr.			Title:		
E-mail Address: mwalker@hilcorp.com			Approval Date: 9/16/2022		
Date: 7/26/2022		Phone: (346) 237-2177	DHC may not take place until DHC order has been approved by OCD		

WELL API NO. 30-045- 21708
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-3150-11
7. Lease Name or Unit Agreement Name STATE COM H
8. Well Number 4A
9. OGRID Number 372171
10. Pool name or Wildcat Basin Fruitland Coal

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator
HILCORP ENERGY COMPANY

3. Address of Operator
382 Road 3100, Aztec, NM 87410

4. Well Location

Unit Letter F : 1850 feet from the North line and 1560 feet from the West line
 Section 32 Township 31N Range 09W NMPM San Juan County

11. Elevation (*Show whether DR, RKB, RT, GR, etc.*)
6589 GR

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	MULTIPLE COMPL	<input type="checkbox"/>
DOWNHOLE COMMINGLE	<input type="checkbox"/>		
CLOSED-LOOP SYSTEM	<input type="checkbox"/>		
OTHER:	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>	P AND A	<input type="checkbox"/>
CASING/CEMENT JOB	<input type="checkbox"/>		

OTHER: ☒ RECOMPLETE

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The following well has been recompleted into the Fruitland Coal and is currently producing as a standalone. The Pictured Cliffs/Mesaverde is currently shut in pending DHC approval. Please see the attached recompletion operations.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Operations/Regulatory Technician – Sr. DATE 7/26/2022

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (346) 237-2177

For State Use Only

APPROVED

BY:	TITLE	DATE
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Conditions of Approval (if any):

State Comm 14-4-A
30-045-21708

E315011

SR – FC Recomplete

5/17/2022 MIRU. CK WELL PRESSURES (SIBHP 0 PSI, SICP 59 PSI, SITP 59 PSI). ND WH. NU BOP & TST, GOOD TST. UNLAND TBG, TAG FILL @ 5760'. RU SCANNER & SCAN OOH W/TBG. MU MILL & STRING, TIH W/WRK STRING T/1300'. SDFN.

5/18/2022: CK WELL PRESSURES (SICP 50 PSI, SITP NA, SIBHP 0 PSI). CONT TIH W/MILL & SCRAPER F/1300' T/4840'. MU 4 1/2" **CIBP & SET @ 4826'**. TOH W/RUNNING TOOL. MU 7" **CIBP & SET @ 3350'**. DISPLACE HOLE W/120 BBLS H2O, PT CIBP T/560 PSI F/15 MINS, TST GOOD. TOH W/SETTING TOOL. TOP UP HOLE W/H2O. SDFN.

5/19/2022: CK WELL PRESSURES (SICP 0 PSI, SITP NA, SIBHP 0 PSI). RU ELINE. RUN CBL F/3350' T/SURF. RU TESTER/PERFORM MIT ON 7" CSG & CIBP @ 3350'. HOLD 580 PSI F/30 MINS. CHART & RECORD TST, GOOD TST. WITNESSED BY LENNY MOORE W/NMOCD. RD TSTER. SDFN.

5/20/2022: CK WELL PRESSURES (SICP 0 PSI, SITP NA, SIBHP 0 PSI). CUT OFF 7" CSG STUMP & REMOVE 2K x 7-1/16" TBG SPOOL. INSTL SLIP ON COLLAR & WELD ON 7 -1/16" 5K TBG SPOOL (TEST SEALS T/1000 PSI, OK. N/U 5K MASTER VALVE. RDRR @ 16:30. WAIT ON FRAC.

6/10/2022: MIRU BASIN WL. CK WELL PRESSURES (SICP 0 PSI, SITP NA, SIBHP 0 PSI). RIH & **PERF SINGLE STAGE W/2 RUNS 40 SHOTS, 0.42 DIA, 1 SPF** AS FOLLOWS: 1ST RUN- 3335', 3334', 3333', 3332', 3331', 3330', 3329', 3328', 3255', 3254', 3253', 3252'. 2ND RUN- 3227', 3226', 3221', 3220', 3216', 3215', 3214', 3210', 3209', 3199', 3198', 3197', 3178', 3177', 3176', 3140', 3139', 3138'. RD RELEASE WL @ 15:00 HRS. WAIT ON FRAC.

6/21/2022: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBH: 0 PSI). ND FRAC VALVE, NU BOPE & FT, GOOD TST. PU STRING MILL & BIT TIH T/3125'. RU PWR SWVL. REAM THROUGH PERFS 3125' T/3339'. RD PWR SWVL. TOO H W/TBG. PU 7" PKR & RBP. TIH W/TBG. SDFN.

6/22/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBH: 0 PSI). CONT TIH & SET RBP @ CIBP @ 3350' & PKR @ 3324'. PMP 7 STAGES OF ACID JOBS AS FOLLOWS: 1. 3324' T/3350' BRK DWN @ 750 PSI INJ RATE 700 T/900 PSI @ 2.2 T/3.0 BPM. ISIP 400 TO 0 IN 5 MINS 2. 3243' T/3257' BRK DWN @ 3200 PSI INJ RATE 1700 PSI @ 2.0 BPM. ISIP 400 TO 0 IN 5 MINS 3. 3218' T/3232' BRK DWN @ 900 PSI, INJ RATE 850 PSI @ 3.3 TO 1.7 BPM. ISIP 520 TO 95 IN 5 MINS 4. 3204' T/3218' BRK DWN @ 750 PSI, INJ RATE 100 PSI @ 3.1 BPM. ISIP 700 TO 135 IN 5 MINS. 5. 3188' T/3202' BRK DWN @ 650 PSI, INJ RATE 1000 PSI @ 3.5 BPM. ISIP 550 TO 280 IN 5 MINS. 6. 3169' T/3183' NO BRK DWN. PRESSURED UP TO 3500 PSI MULTIPLE TIMES W/O SUCCESS. RELEASE PKR & PMP 11.3 BBLS HF & FLUSHED W/7.5 BBLS NH4CL PLACING ACID @ PERFS, RE-SET PKR & MADE MULTIPLE ATTEMPTS TO BRK DWN W/O SUCCESS. 7. 3131' T/3146' BRK DWN @ 875 PSI, INJ RATE 1100 PSI @ 3.5 BPM. ISIP 730 TO 400 IN 5 MINS. RDR ACID EQUIP. PULL PKR ASSEMBLY ABV PERFS T/3110'. SDFN.

6/23/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TOO H W/ACID PKR ASSEMBLY. PU PKR & TIH. PMP 30 BBLS OF H2O DWN CSG PRIOR TO SETTING PKR. CSG IS FULL @ 30 BBLS. TIH W/FRAC STRING & PKR. EOT & PKR @ 3083'. ND BOP. NU FRAC STACK. PT T/500 PSI ON 7" CSG. PT FRAC STRING CHARTED 8670 PSI F/30 MINS. GOOD TST. RU EXPERT WL & BREAKOUT DUAL DISC SUB. SDFN.

7/2/2022: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). FRUITLAND COAL STIMULATION (3138' - 3335'). INITIAL SHUT IN PRESSURE: 1287 PSI 5 MIN SIP- 1175 PSI 10 MIN SIP- 1139 PSI FG @ SHUT IN: .83 PSI/FT FRAC ZONE W/6000 LBS OF 100 MESH, 1,708,945 N2, 70 Q FOAM @ 55 BPM. PROPPANT: 152,396 LBS OF PREMIUM 20/40 SAND FLUSH: 18 BBLS FOAM FLUSH. MAX. RATE: 82 BPM. AVG. RATE: 55 BPM. MAX. PSI: 8603 PSI. AVG. PSI: 5948 PSI. MAX. SAND CONC: 4.91PPG DOWNHOLE. FLUID TO RECOVER: 1174 CLEAN BBLS. RDR FRAC CREW @ 16:30 HRS.

7/4/2022: MIRU COMPLETION RIG. CK WELL PRESSURES (SICP 0 PSI, SITP 1,150 PSI, SIBHP 0 PSI). ND FRAC STACK. NU BOP. TOH W/7" FRAC STRING & LD. SDFN.

7/5/2022: CK WELL PRESSURES (SICP-0. SIICP-NA (PLUG SET ABOVE). SITP-NA (NONE IN HOLE). SIBHP-0). TIH W/TBG, UNLOAD HOLE @ 2035'. CONT TIH W/BIT. TAG FILL @ 3205'. MU SWVL & AIR MIST. EST CIRC. CO FILL F/3205' T/3350' (CIBP). TOH W/BIT T/3130' (ABV PERFS). SWI. SDFN.

7/6/2022: CK WELL PRESSURES (SICP-360. SIICP-0, PLUG SET ABOVE SITP-0, SIBHP-0). TIH W/BIT & TAG FILL @ 3340' (10' FILL). EST CIRC & CO FILL. CIRC CLEAN. TOH W/BIT. MU BHA & TIH W/103 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 3240' SN @ 3238'. ND BOP. NU WH. PMP 5 BBLS H2O PAD W/CI. DROP BALL & PT TBG T/500 PSI W/AIR, TST GOOD. PMP OFF CK W/860 PSI, CIRC CI T/SURF. SWI. RDRR @ 17:30 HRS. HAND OVER TO PRODUCTION.



Schematic - Current

Well Name: STATE COM H 4A

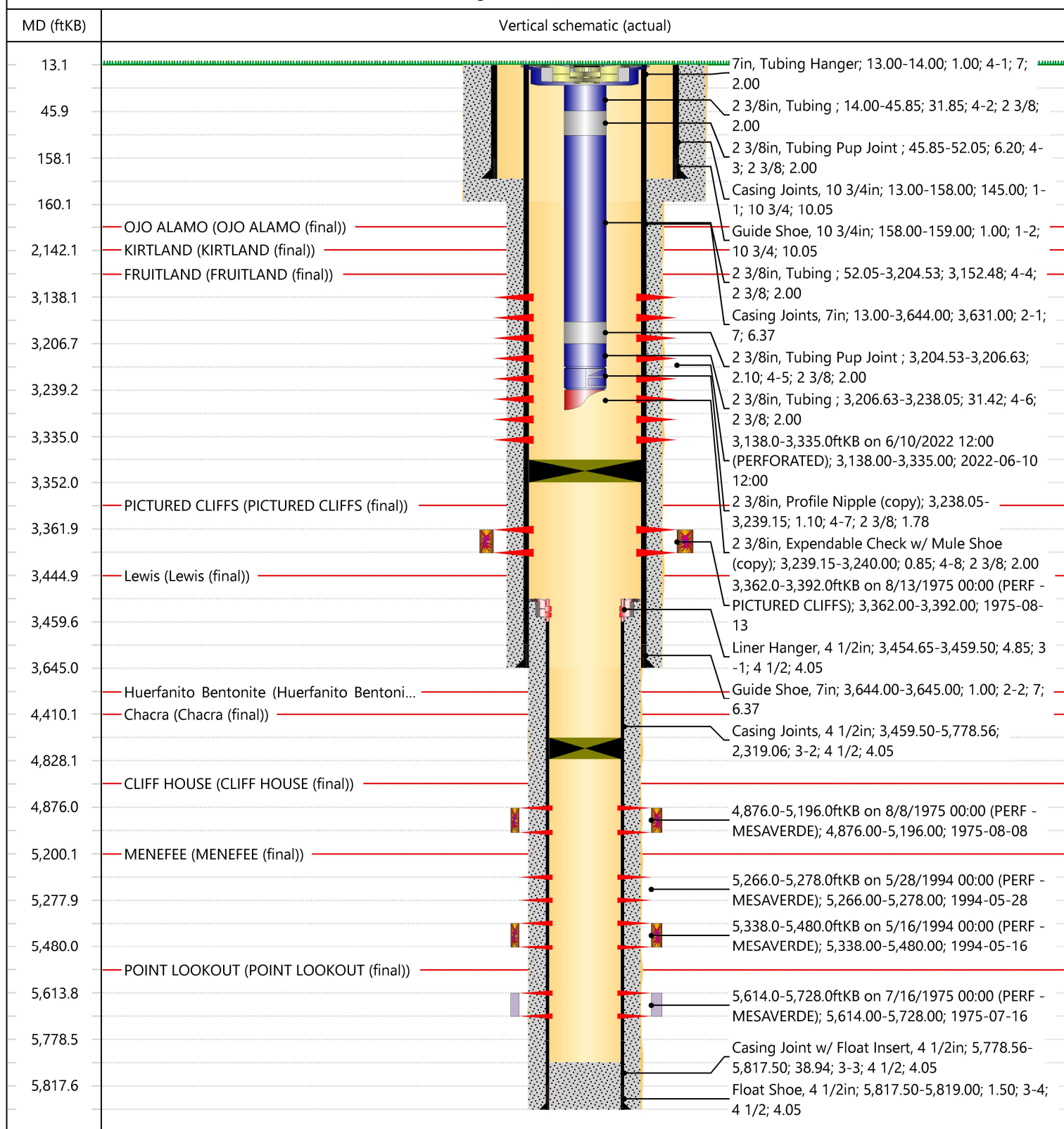
API / UWI 3004521708	Surface Legal Location 032-031N-009W-F	Field Name PC/MV COM	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 6,602.00	KB-Ground Distance (ft) 13.00	Original Spud Date 6/28/1975 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 5,779.0	Total Depth All (TVD) (ftKB)

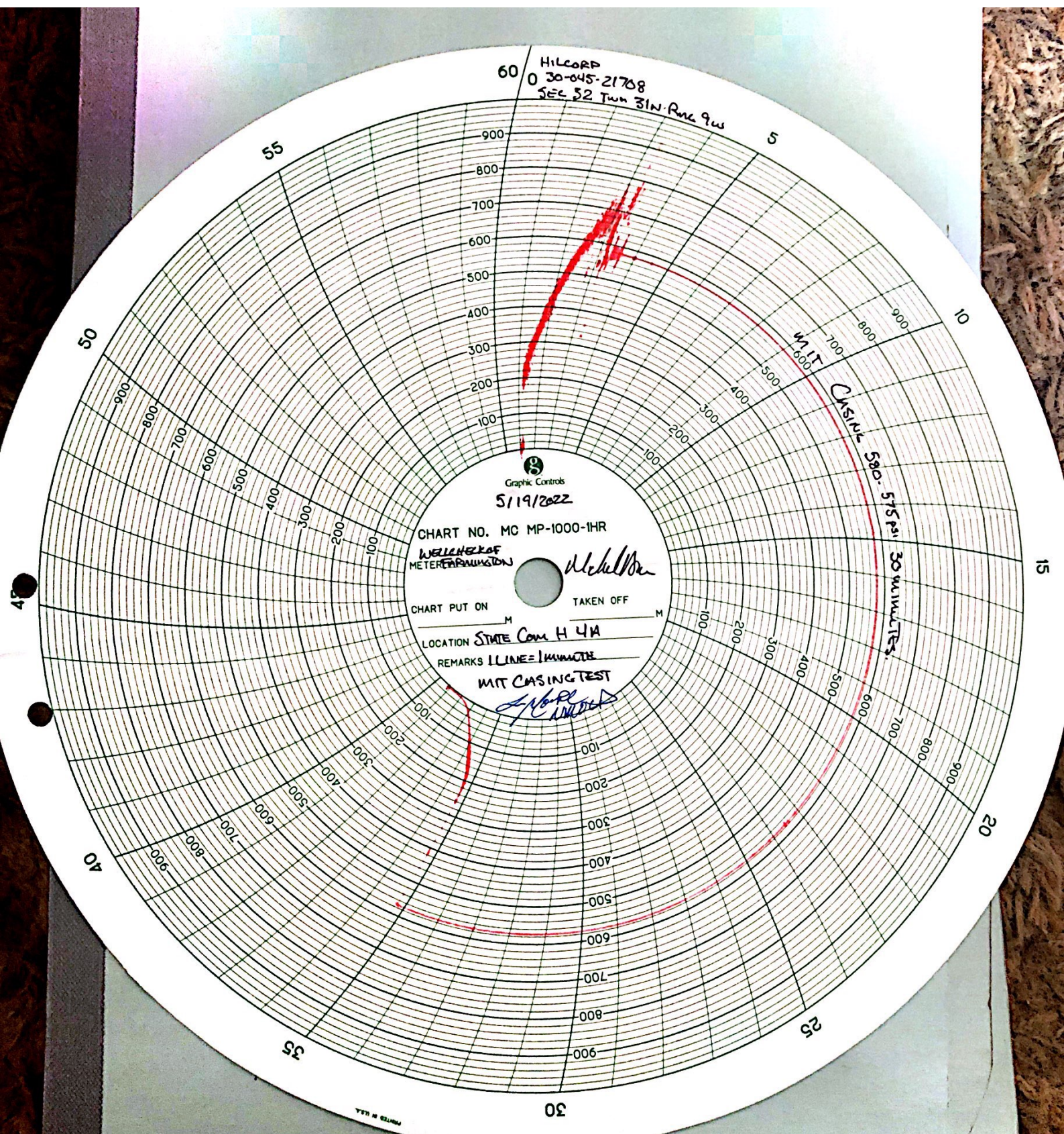
Most Recent Job

Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 5/17/2022	End Date
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TD: 5,819.0

Original Hole [Vertical]





Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-045-21708		
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name State Com H		
								6. Well Number: 4A		
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER RECOMPLETE										
8. Name of Operator HILCORP ENERGY COMPANY							9. OGRID 372171			
10. Address of Operator 1111 TRAVIS ST. HOUSTON, TX 77002							11. Pool name or Wildcat BASIN FRUITLAND COAL			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	32	31N	09W		1850'	NORTH	1560'	WEST	SAN JUAN
BH:										
13. Date Spudded 6/28/1975		14. Date T.D. Reached 7/11/1975		15. Date Rig Released 7/6/2022		16. Date Completed (Ready to Produce) 7/6/2022		17. Elevations (DF and RKB, RT, GR, etc.) 6589' GR		
18. Total Measured Depth of Well 5824'			19. Plug Back Measured Depth 5779'			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name BASIN FRUITLAND COAL 3138' – 3335'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10 3/4"				159'		13 3/4"		125 SXS		
7"		23#		3645'		8 3/4"		250 SXS		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
4 1/2"	3455'	5819'	275 SXS		2 3/8"	3240'				
26. Perforation record (interval, size, and number) PERF SINGLE STAGE W/2 RUNS 40 SHOTS, 0.42 DIA, 1 SPF AS FOLLOWS: 1ST RUN- 3335', 3334', 3333', 3332', 3331', 3330', 3329', 3328', 3255', 3254', 3253', 3252'. 2ND RUN- 3227', 3226', 3221', 3220', 3216', 3215', 3214', 3210', 3209', 3199', 3198', 3197', 3178', 3177', 3176', 3140', 3139', 3138'					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					3138' – 3335'		FRAC ZONE W/6000 LBS OF 100 MESH, 1,708,945 N2, 70 Q FOAM @ 55 BPM. PROPPANT: 152,396 LBS OF PREMIUM 20/40 SAND			
28. PRODUCTION										
Date First Production 7/11/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD				
Date of Test 7/11/2022	Hours Tested 24	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 53	Water - Bbl. 47	Gas - Oil Ratio			
Flow Tubing Press. SI-220	Casing Pressure SI-220	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 53	Water - Bbl. 47	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 7/6/2022			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										

Signature  Printed Name Amanda Walker Title: Operations Regulatory Tech Sr. Date: 7/26/2022
E-mail Address: mwalker@hilcorp.com

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 2027'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 2142'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 3006'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 3354'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 4867'	T. Leadville
T. Queen	T. Silurian	T. Menefee 5200'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 5610'	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

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 128756

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 128756
	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 128756

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 128756
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	DHC may not take place until DHC order has been approved by OCD	9/16/2022