

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 30-045-22978	⁵ Pool Name Basin Fruitland Coal (Gas)		⁶ Pool Code 71629
⁷ Property Code 318866	⁸ Property Name Atlantic D Com		⁹ Well Number 1A

II. ¹⁰ Surface Location

UL or lot no. F	Section 36	Township 31N	Range 10W	Lot Idn	Feet from the 1825	North/SouthLine North	Feet from the 1475	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 12/3/1978	²² Ready Date 7/2/2022	²³ TD MD 5998'	²⁴ PBTD MD 5995'	²⁵ Perforations 3184' – 3366'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13 3/4"		9 5/8", 36#, K-55		223'	
8 3/4"		7", 20#, K-55		3775'	
		4 1/2", 10.5#, K-55		5996'	
		2 7/8", 6.5#, P-110		3365'	

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date Wait on Redelivery	³³ Test Date	³⁴ Test Length hr	³⁵ Tbg. Pressure SI- psi	³⁶ Csg. Pressure SI- psi
³⁷ Choke Size "	³⁸ Oil	³⁹ Water bwpd	⁴⁰ Gas mcfd		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: 9/6/2022		Phone: (346) 237-2177		DHC may not take place until an approved DHC order has been issued	

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-045-22978
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-5385-NM
7. Lease Name or Unit Agreement Name Atlantic D Com
8. Well Number 1A
9. OGRID Number 372171
10. Pool name or Wildcat Blanco MV/Basim FC / Blanco PC

SUNDRY NOTICES AND REPORTS ON WELLS (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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator HILCORP ENERGY COMPANY	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>F</u> : <u>1825</u> feet from the <u>North</u> line and <u>1475</u> feet from the <u>West</u> line Section <u>36</u> Township <u>31N</u> Range <u>10W</u> NMPM San Juan County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6528 GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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: <input checked="" type="checkbox"/> Recomplete	
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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 as of 7/2/2022. Please see the recomplete operations below.

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 9/6/2022

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

30-045-22978
E5385NM
SR RC

5/31/2022: MIRU. CK WELL PRESSURES (SITP: 9.6 PSI SICP: 96 PSI SIICP: 0 PSI SIBHP: 0 PSI). ND WH. NU BOP & FT, GOOD TST. TIH & TAG @ 5971'. LINER BOTTOM @ 5995', 24' FILL. LD TAG JTS. TOO H W/TBG. PU BIT & CSG SCRAPER. TIH T/1600'. SDFN.

6/1/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 100 PSI SIICP: 0 PSI SIBHP: 0 PSI). TOO H W/BIT & SCRAPER. TIH W/CIBP & SET @ 4136'. LW W/137 BBLS /H2O W/BIOCIDE, PT CSG T/550# (GOOD TST). RU BASIN WL & RUN CBL F/4136' T/SURF. LINER TOP @ 3618'. RD WL. SDFN.

EMAIL SENT TO MONICA KUEHLING/NMOCD TO REVIEW CBL. APPROVAL GIVEN TO PERF F/3150' T/3380'.

6/2/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). PT CSG T/560 PSI FOR 30 MINS. GOOD TST, WITNESSED BY LENNY MOORE/NMOCD. PU 7" CSG SCRAPER & TIH T/3500'. TOO H. SDFN.

6/3/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). PU RBP & SET @ 3430'. ND BOP. NU FRAC STACK. RDRR @ 16:00 HRS. WAIT ON PERF & FRAC.

6/9/2022: PERF FRUITLAND COAL 0.42 DIA, 1 SPF, 30 SHOTS RAN IN 2 RUNS AS FOLLOWS: 1ST RUN- 3366', 3365', 3361', 3360', 3359', 3356', 3355', 3354', 3349', 3348', 3347', 3320', 3319', 3316', 3315', 3312', 3311' 2ND RUN- 3260', 3259', 3254', 3253', 3252', 3248', 3247', 3242', 3241', 3193', 3192', 3185', 3184'. RD WL. WAIT ON FRAC.

6/16/2022: MIRU ACID. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBH: 0 PSI I). ND FRAC STACK. NU BOP & FT, GOOD TST. PU STRING MILL & TIH W/103 JTS OF FRAC STRING T/3168'. SDFN.

6/17/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBH: 0 PSI I). REAM THROUGH PERFS 3182'-3371' PMP 30 BBLS H2O DWN CSG. TOO H. PU 7" STRADDLE ACID PKR ASSEMBLY & TIH W/FRAC TBG. PMP FIRST 5 STAGES OF ACID AS FOLLOWS: 1. 3357' T/3371' BREAK DOWN @ 50 PSI INJ RATE 300 T/600 PSI @ 3 BPM. 2. 3344' T/3558' NO BREAK @ 3500 PSI, 3. 3310' T/3324' BREAK DOWN @ 500 PSI, INJ RATE 1620 T/2000 PSI @ 3 BPM. 4. 3250' T/3264' BREAK DOWN @ 610 PSI, INJ RATE 610 PSI @ 3 BPM. 2. 2ND ATTEMPT 3344' T/3558' BREAK DOWN @ 3459 PSI, INJ RATE 3450 PSI @ .70 BPM. 5. 3236' T/3250' BREAK DOWN @ 3500 PSI, INJ RATE 2000 PSI @ 1 BPM. DECISION WAS MADE TO DROP BACK DOWN & PMP ON STAGE AGAIN, PMP STAGE 5. 6. 3182' T/3196' BREAK DOWN @ 600 PSI, INJ RATE 750 PSI T/900 @ 3.2 BPM. SDFN.

6/18/2022: CK WELL PRESSURES (SITP: 50 PSI SIICP: 250 PSI SICP: 0 PSI SIBH: 0 PSI). TOO H W/ACID PKR/ PU AS1-X PKR & FRAC STRING. EOT @ 3125', RBP @ 3430'. SET FRAC PKR @ 3125'. ND BOPE. NU FRAC STACK. SDFWE.

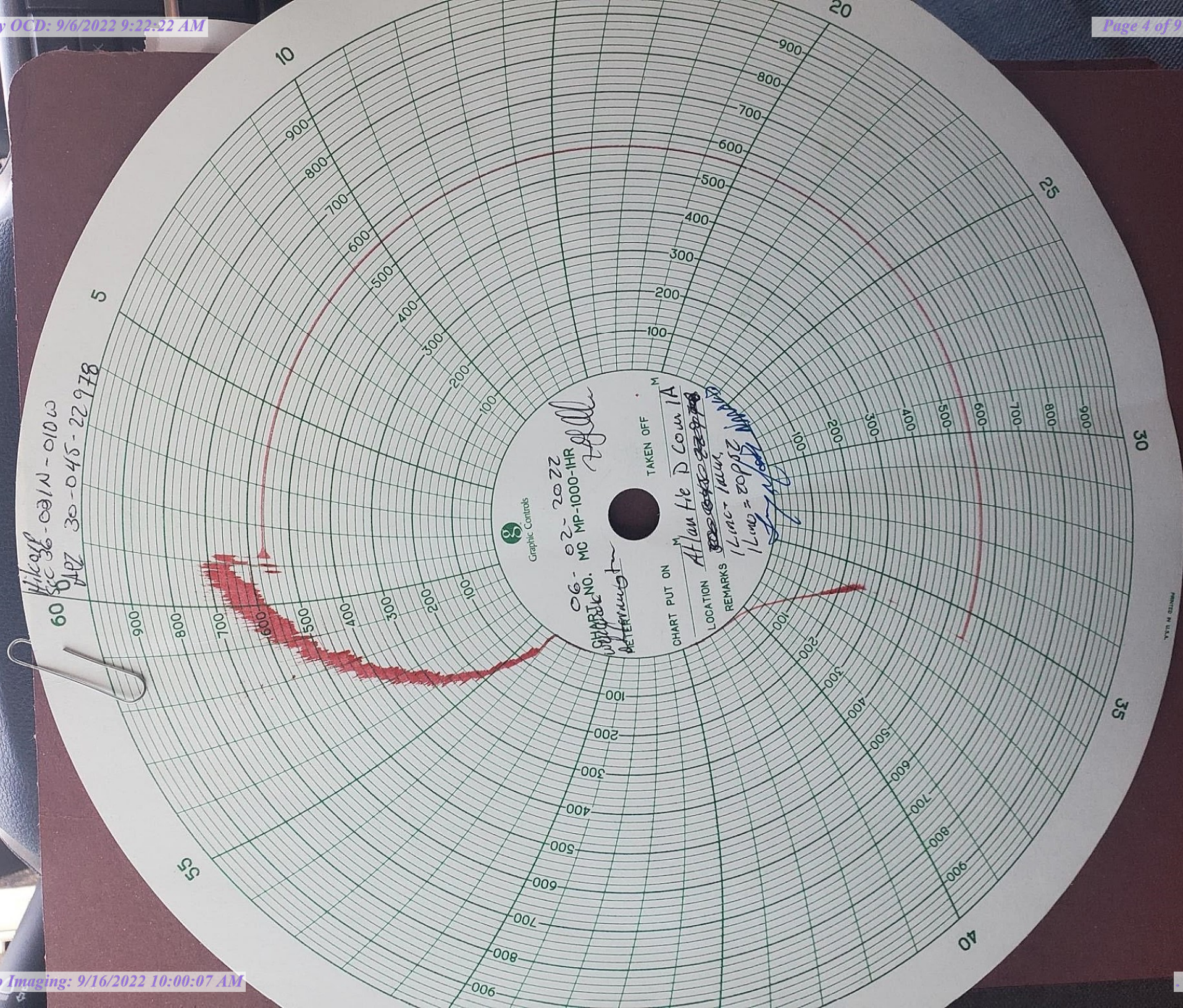
6/20/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). PRESSURE UP T/500 PSI ON 7" CSG. PT FRAC STRING, GOOD TST. RU EXPERT WL & BREAKOUT DUAL DISC. RDRR @ 20:30 HRS. WAIT ON FRAC.

6/30/2022: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). FRAC FRUITLAND COAL (3184' - 3366'). INITIAL SIP: 1088 PSI 5 MIN SIP- 587 PSI 10 MIN SIP- 554 FG @ SHUT IN: .842 PSI/FT FRAC ZONE W/6000 LBS OF 100 MESH, 1,080,945 GALLONS OF 70 Q FOAM AT 53 BPM. PROPPANT: 58,277 LBS OF PREMIUM 20/40 SAND W/1.5 GAL SAND WEDGE PER 1000LBS OF SAND FLUSH: 14 BBLS FOAM FLUSH. MAX. RATE: 66 BPM. AVG. RATE: 53 BPM. MAX. PSI: 7622 PSI. AVG. PSI: 6100 PSI. MAX. SAND CONC: 2.0 PPG DOWNHOLE. FLUID TO RECOVER: 633 CLEAN BBLS. RDRR FRAC CREW. WAIT ON CLEANOUT.

7/1/2022: MIRU COMPLETION RIG. CK WELL PRESSURES (SICP-350, SITP-350. SIBHP-0 PSI). ND FRAC STACK. NU BOP & PT, GOOD TST. UNLAND TBG. TOO H W/FRAC STRING & FRAC PKR. MU MULE SHOE & TIH T/900'. SDFN.

7/2/2022: CK WELL PRESSURES (SICP-0, SITP-0. SIBHP-0 PSI). CONT TALLY & PU TBG. TAGGED SAND @ 3315 (115' FILL). MU SWVL. KI AIR MIST & EST CIRC. CO SAND F/3315' T/3430' (TOP OF RBP). CIRC CLEAN. LD EXCESS TBG. TIH W/109 JTS 2 7/8" 6.5# P-110 RTS-8. EOT @ 3365'. TOP SN @ 3363'. ND BOP NU WH. SWI. RDRR @ 17:30 HRS.

7/21/2022: EMAIL SENT TO MONICA/NMOCD TO UPDATE ON RECOMPLETE PROGRESS. DURING FRAC, THERE WAS INDICATION THAT THE FRAC PKR ON THE FRAC STRING HAD FAILED. THE JOB WAS NOT PUMPED TO COMPLETION. REQUEST TO DELAY COMPLETION OF FRAC UNTIL NEXT ROUND OF RECOMPLETES. RECEIVED APPROVAL TO DELAY.





Schematic - Current

Well Name: ATLANTIC D COM #1A

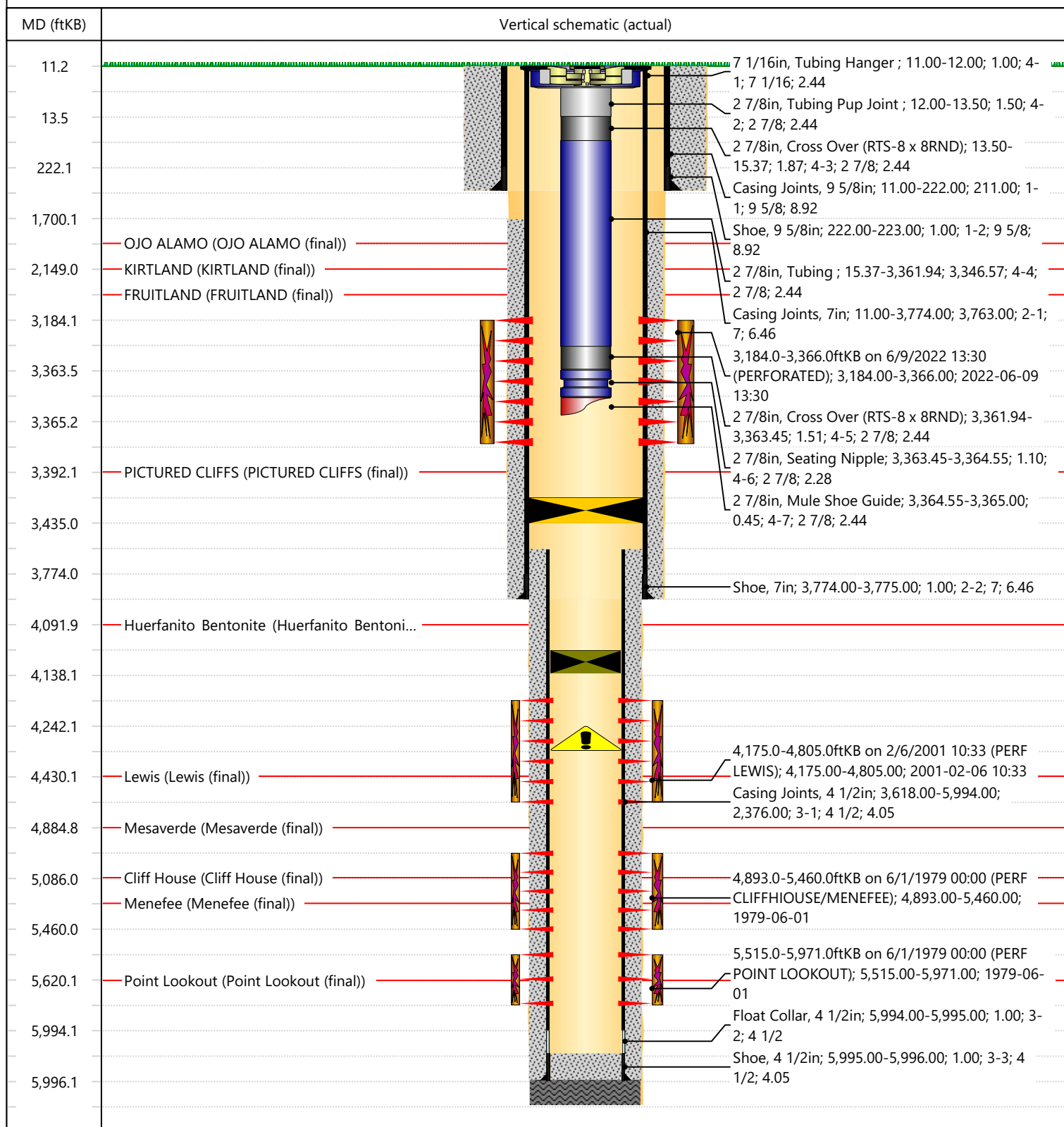
API / UWI 3004522978	Surface Legal Location 036-031N-010W-F	Field Name BLANCO MESAVERDE (PRORATED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type
Original KB/RT Elevation (ft) 6,644.00	KB-Ground Distance (ft) 11.00	Original Spud Date 12/4/1978 00:00	Rig Release Date 4/11/2001 18:00	PBTD (All) (ftKB) Original Hole - 5,995.0	Total Depth All (TVD) (ftKB)

Most Recent Job


Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 5/31/2022	End Date
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TD: 5,998.0

Original Hole



Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-045-22978		
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 Atlantic D Com		
								6. Well Number: 1A		
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 type="checkbox"/> OTHER										
8. Name of Operator HILCORP ENERGY COMPANY						9. OGRID 372171				
10. Address of Operator 382 ROAD 3100, AZTEC, NM 87410						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	36	31N	10W		1825	NORTH	1475	WEST	SAN JUAN
BH:										
13. Date Spudded 12/4/1978		14. Date T.D. Reached 12/17/1978		15. Date Rig Released 7/2/2022		16. Date Completed (Ready to Produce) 7/2/2022		17. Elevations (DF and RKB, RT, GR, etc.) 6568'		
18. Total Measured Depth of Well 5998'			19. Plug Back Measured Depth 5995'			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name BASIN FRUITLAND COAL (3184' – 3366')										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		36#/K-55		223'		13 3/4"		224 CU FT.		
7"		20#/K-55		3775'		8 3/4"		529 CU FT.		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
4 1/2"	3618'	5996'	430 CU FT.		2 7/8"	3365'				
26. Perforation record (interval, size, and number) 3366', 3365', 3361', 3360', 3359', 3356', 3355', 3354', 3349', 3348', 3347', 3320', 3319', 3316', 3315', 3312', 3311' 2ND RUN- 3260', 3259', 3254', 3253', 3252', 3248', 3247', 3242', 3241', 3193', 3192', 3185', 3184'					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					3184' – 3366'		FRAC ZONE W/6000 LBS OF 100 MESH, 1,080,945 GALLONS OF 70 Q FOAM AT 53 BPM. PROPPANT: 58,277 LBS OF PREMIUM 20/40 SAND			
28. PRODUCTION										
Date First Production N/A		Production Method (Flowing, gas lift, pumping - Size and type pump) SHUT-IN				Well Status (Prod. or Shut-in) SHUT-IN				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							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: 7/2/2022			
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: 9/6/2022
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 2044'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 2149'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 3031'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 3392'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 5086'	T. Leadville
T. Queen	T. Silurian	T. Menefee 5197'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 5620'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 5920'	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

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 140713

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 140713
	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
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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 140713

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 140713
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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