

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 30-039-23336	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)		⁶ Pool Code 72319
⁷ Property Code 318432	⁸ Property Name San Juan 28-7 Unit		⁹ Well Number 129E

II. ¹⁰ Surface Location

UL or lot no. O	Section 02	Township 27N	Range 07W	Lot Idn	Feet from the 1125	North/SouthLine SOUTH	Feet from the 1565	East/West line EAST	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township N	Range W	Lot Idn	Feet from the	North/SouthLine	Feet from the	East/West line	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 12/8/1983	²² Ready Date 5/21/2022	²³ TD MD 7685'	²⁴ PBTD MD 7677'	²⁵ Perforations 4885' – 5541'	²⁶ DHC, MC DHC 5163
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
12 1/4"		9 5/8", 36#, K-55		216'	
8 3/4"		7", 20#, K-55		3529'	
6 1/4"		4 1/2", 11.6#, K-55		7685'	
		2 3/8", 4.7#, J-55		7573'	

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 5/21/2022	³³ Test Date 5/21/2022	³⁴ Test Length 24 hr	³⁵ Tbg. Pressure SI-468psi	³⁶ Csg. Pressure SI-544psi
³⁷ Choke Size 24/64"	³⁸ Oil 0	³⁹ Water 25 bwpd	⁴⁰ Gas 388 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: Petroleum Engineer		
E-mail Address: mwalker@hilcorp.com			Approval Date: 7/12/22		
Date: 6/13/2022		Phone: (346) 237-2177			

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

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.)		WELL API NO. 30-039-23336
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Hilcorp Energy Company		6. State Oil & Gas Lease No. E290-3
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name San Juan 28-7 Unit
4. Well Location Unit Letter <u>O</u> : <u>1125</u> feet from the <u>South</u> line and <u>1565</u> feet from the <u>East</u> line Section <u>2</u> Township <u>27N</u> Range <u>7W</u> NMPM County <u>Rio Arriba</u>		8. Well Number <u>129E</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6560' GL		9. OGRID Number 372171
		10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☒ RECOMPLETE		OTHER: ☐	

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 MESAVERDE formation and is now producing as a Mesaverde/Dakota commingle. See the attached recomplete 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 6/13/2022

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

APPROVED BY: John Garcia TITLE: Petroleum Engineer DATE 7/12/2022

Conditions of Approval (if any):

San Juan 28-7 Unit-129L
30-039-23336
E290-3
SR MV RC

4/11/2022: MIRU. CK WELL PRESSURES (SITP: 80 PSI SICP: 80 PSI SIICP: 0 PSI SIBHP: 0 PSI). ND WH. NU BOP & FT, TST GOOD. RU PREMIER SCANNING & TOO H W/TBG. PU STRING MILL & TIH T/7450'. SDFN.

4/12/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 160 PSI SIICP: 0 PSI SIBHP: 0 PSI). TOH W/TBG. LD STRING MILL. PU 4 1/2" CIBP & SET @ 7425'. LOAD & PT CSG T/500 PSI, GOOD TST. LD 81 JTS T/4880'. TOH & LD SETTING TOOL. SDFN.

4/13/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBH: 0 PSI). RU BASIN WL. RUN CBL F/7375' T/0'. TOC @ 3660'. RU WELL CK. CONDUCT MIT ON CSG F/7425' T/0' TO 560 PSI FOR 30 MINS CHARTED, TST GOOD. WITNESSED BY THOMAS VERMERSCH W/NMOC. RD WELL CK. RIH & SET CIBP @ 5600'. POH. PT CSG TO 4000 PSI FOR 30 MINS, GOOD TST. RD WELL CK. TIH W/TBG. ND BOP. NU FRAC STACK. RU WELL CK & PT FRAC STACK, GOOD TST. RD WELL CK. RDRR @ 20:00 HRS. WAIT ON FRAC.

5/16/2022: MIRU HALLIBURTON SERVICES. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). RU WL. RIH & **PERF STAGE 1 (POINT LOOKOUT) W/25 SHOTS, 0.33" DIA, 2-3/4" DYNA STAGE FRACTURE GUN, SELECT FIRE 1 SPF AT 5417', 5418', 5419', 5420', 5423', 5424', 5434', 5444', 5446', 5453', 5457', 5459', 5462', 5470', 5471', 5472', 5480', 5481', 5506', 5508', 5514', 5515', 5539', 5540', 5541'.** ALL SHOTS FIRED. RD WL. **POINT LOOKOUT STIMULATION (5417' TO 5541')** SHUT IN PRESSURE: 100 PSI FG AT SHUT IN: .45 PSI/FT FRAC ZONE WITH 92,172 GALLONS OF 70 Q FOAM AT 70 BPM. PROPPANT: 104,609 LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 948,959 SCF. FLUSH: 86 BBLS. MAX. RATE: 76 BPM. AVG. RATE: 68 BPM. MAX. PSI: 2897 PSI. AVG. PSI: 2479 PSI. MAX. SAND CONC: 2.8 PPG DOWNHOLE. FLUID TO RECOVER: 780 CLEAN BBLS. RIH W/WL. SET 4 1/2" FRAC PLUG @ 5380'. **PERF STAGE #2 (MENELEE) INTERVAL WITH 25 SHOTS, 0.33" DIA, 2-3/4" DYNASTAGE FRACTURE GUN, SELECT FIRE 1 SPF AT 5173', 5175', 5204', 5205', 5206', 5207', 5230', 5231', 5233', 5259', 5260', 5261', 5262', 5272', 5273', 5274', 5316', 5318', 5320', 5322', 5323', 5324', 5326', 5328', 5329'.** ALL SHOTS FIRED. **MENELEE STIMULATION: (5173' TO 5329')** SHUT IN PRESSURE: 1100 PSI. FG AT SHUT IN: 0.643 PSI/FT. FRAC ZONE WITH 109,348 GALLONS OF 70 Q FOAM AT 50 BPM. PROPPANT: 97,840 LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 1,240,134 SCF. FLUSH: 95 FLUID BBLS. MAX. RATE: 68 BPM. AVG. RATE: 62 BPM. MAX. PSI: 3363 PSI. AVG. PSI: 2339 PSI. MAX. SAND CONC: 2.57 PPG DOWNHOLE. FLUID TO RECOVER: 779 CLEAN BBLS. RIH W/WL & SET 4 1/2" FRAC PLUG @ 5000'. **PERF STAGE #3 (CLIFFHOUSE) INTERVAL WITH 25 SHOTS, 0.33" DIA, 2-3/4" DYNASTAGE FRACTURE GUN, SELECT FIRE 1 SPF AT 4885', 4892', 4898', 4899', 4909', 4910', 4912', 4914', 4919', 4920', 4921', 4926', 4927', 4928', 4930', 4944', 4945', 4946', 4947', 4954', 4956', 4958', 4960', 4961', 4970'.** ALL SHOTS FIRED. UNABLE TO BREAK DOWN. RIH W/WL TO RE-PERF. TAGGED @ 4886'. POH. UNABLE TO BREAK DWN. RIH W/WL. SET BRIDGE PLUG @ 3000'. SDFN RD HALLIBURTON.

5/17/2022: MIRU. TST BLIND RAMS 250# LOW & 2500# HIGH. GOOD TST. TST PIPE RAMS 250# & 2500# HIGH GOOD TST. PU & RIH W/3 7/8" MILL & 96 JTS 2 3/8", J-55 4.7# TBG. TAGGED CBP @ 3048'. SDFN.

5/18/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH & TAG CBP @ 3048'. RU PWR SWVL & DRILL PLUG 1. EST CIRC DO **PLUG #1** F/3048' T/3050'. CIRC WELL CLEAN. PU TBG & TAGGED @ 4998'. RU PWR SWVL TO DRILL CIBP PLUG 2. EST CIRC W/AIR FOAM. DO **PLUG #2** F/5000' T/5002'. CIRC CLEAN. PU TBG & TAGGED FILL @ 5310'. EST CIRC CO F/5310' T/5380' (70' FILL) TAGGED PLUG 3 @ 5380'. DO **PLUG #3** F/5380' T/5382'. PU TBG & TAGGED FILL @ 5587'. EST CIRC. CO F/5587' T/5600'. DO **PLUG #4** F/5600' T/5602'. CIRC WELL CLEAN. TOH ABV PERFS. SDFN.

5/19/2022: TIH W/TBG & TAG @ 5594'. CO. EST CIRC CO F/5594' T/5663'. BROKE THROUGH SAND PLUG @ 5663'. CIRC WELL CLEAN. PU TBG & TAG PLUG #5 @ 7425. RU PWR SWVL & DO **PLUG #5** F/7425' T/7427'. CIRC WELL CLEAN. PU TBG & TAGGED @ 7565'. EST CIRC. CO F/7565' T/7663' (93' FILL). CIRC WELL CLEAN. TOH W/TBG. TIH & DRIFT TBG T/1910'. SDFN.

5/20/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 640 PSI SIBH: 0 PSI). TIH DRIFTING TBG. TAG 50' FILL @ 7625'. EST CIRC & CO. TIH W/239 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 7573, SN @ 7572', PBTD @ 7676'. ND BOP. NU WH. PMP 5 BBLS OF H2O W/CORROSION INHIBITOR DWN TBG. DROP PMP OFF BALL. PT TBG W/AIR TO 500 PSI, TST GOOD. PMP OFF EXPENDABLE CK @ 1250 PSI, TST GOOD. RDRR @ 18:00 HRS.

5/21/2022: MI & SPOT IDEAL COMPLETION EQUIPMENT. RU SEPARATION & EQUIP. FLOWBACK WELL. SELLABLE GAS ACHIEVED. TURNED WELL OVER TO OPERATIONS.



Schematic - Current

Well Name: SAN JUAN 28-7 UNIT 129E

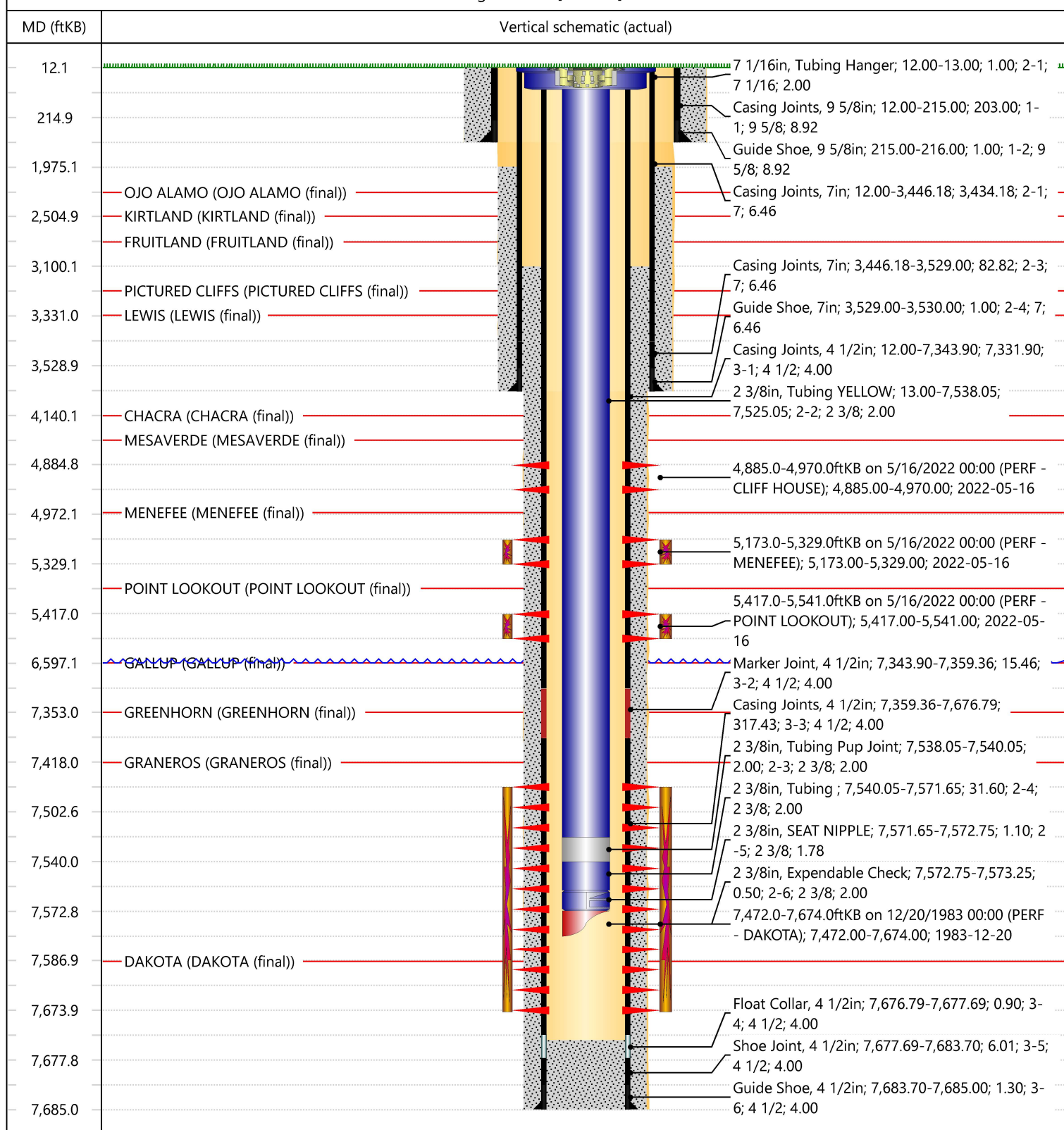
API / UWI 3003923336	Surface Legal Location 002-027N-007W-O	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 6,572.00	KB-Ground Distance (ft) 12.00	Original Spud Date 12/8/1983 00:00	Rig Release Date 12/16/1983 00:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

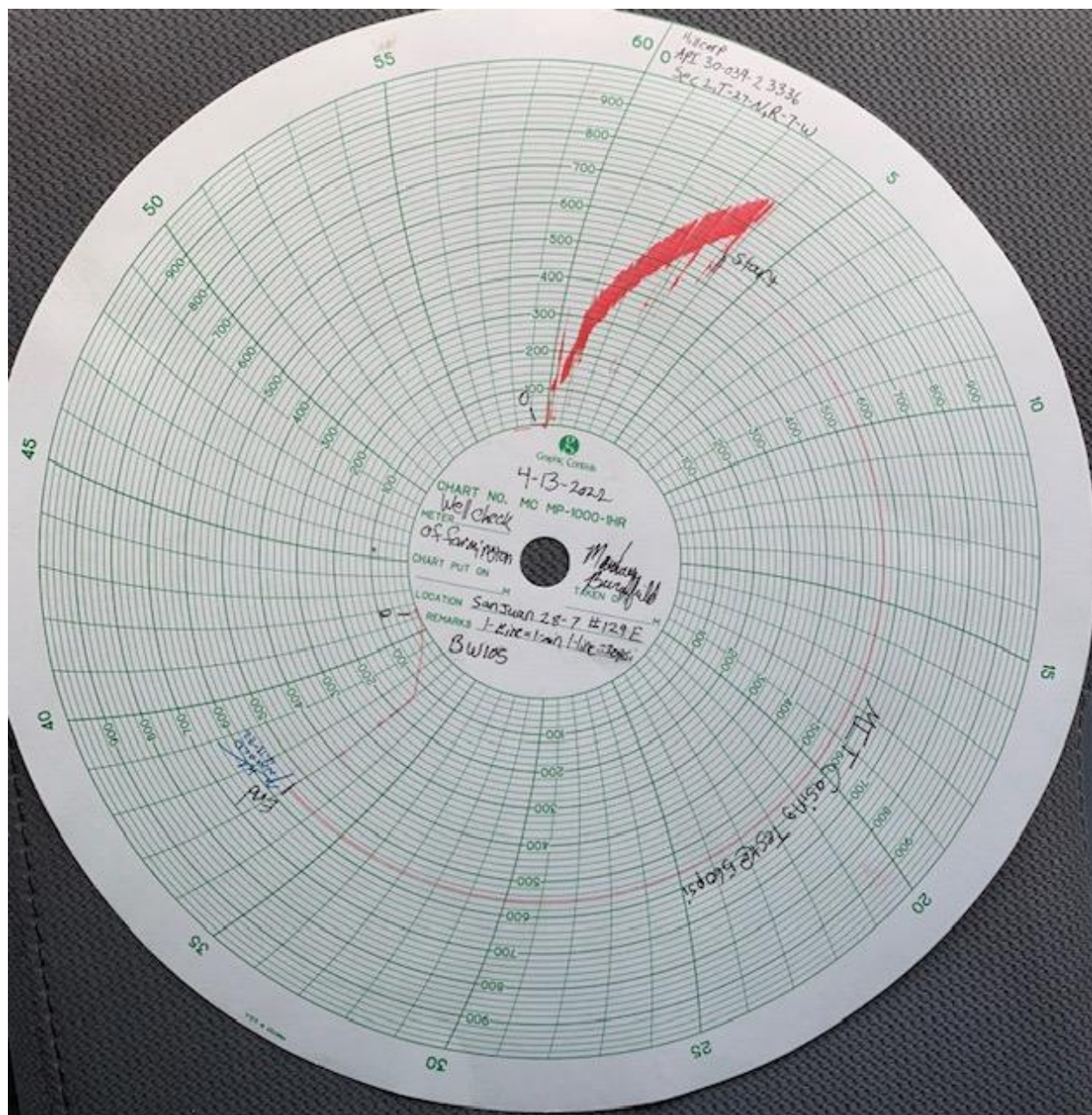
Most Recent Job

Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 4/11/2022	End Date 5/21/2022
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TD: 7,685.0

Original Hole [Vertical]





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						
		1. WELL API NO. 30-039-23336										
		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN										
		3. State Oil & Gas Lease No. E290-3										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG												
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ 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 SAN JUAN 28-7 UNIT						
						6. Well Number: 129E						
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☒ DIFFERENT RESERVOIR ☒ OTHER <u>Recomplete</u>												
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 BLANCO MESAVERDE						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County		
Surface:	O	02	27N	07W		1125	SOUTH	1565	EAST	RIO ARRIBA		
BH:	O	02	27N	07W		1125	SOUTH	1565	EAST	RIO ARRIBA		
13. Date Spudded 12/8/1983	14. Date T.D. Reached 12/18/1983		15. Date Rig Released 5/21/2022			16. Date Completed (Ready to Produce) 5/21/2022		17. Elevations (DF and RKB, RT, GR, etc.) 6560' GR				
18. Total Measured Depth of Well 7685'			19. Plug Back Measured Depth 7677'			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 4885' - 5541' MESAVERDE												
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		216'		12 1/4"		130 SX				
7"		20		3529'		8 3/4"		353 SX				
4 1/2"		11.6		7685'		6 1/4"		639 SX				
24. LINER RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN							
25. TUBING RECORD												
SIZE	DEPTH SET		PACKER SET									
	2 3/8"		7573'									
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
PERF (PT LOOKOUT) AS FOLLOWS (1 SPF, 0.33 HOLES, 25 SHOTS) 5417', 5418', 5419', 5420', 5423', 5424', 5434', 5444', 5446', 5453', 5457', 5459', 5462', 5470', 5471', 5472', 5480', 5481', 5506', 5508', 5514', 5515', 5539', 5540', 5541'. PERF (MENEFE) AS FOLLOWS (1 SPF, 0.33 HOLES, 25 SHOTS), 5173', 5175', 5204', 5205', 5206', 5207', 5230', 5231', 5233', 5259', 5260', 5261', 5262', 5272', 5273', 5274', 5316', 5318', 5320', 5322', 5323', 5324', 5326', 5328', 5329'. PERF (CLIFFHOUSE) AS FOLLOWS (1 SPF, 0.33 HOLES, 25 SHOTS) 4885', 4892', 4898', 4899', 4909', 4910', 4912', 4914', 4919', 4920', 4921', 4926', 4927', 4928', 4930', 4944', 4945', 4946', 4947', 4954', 4956', 4958', 4960', 4961', 4970'.						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED				
						5417' - 5541'		FRAC ZONE WITH 92,172 GALLONS OF 70 Q FOAM AT 70 BPM. PROPPANT: 104,609 LBS. OF PREMIUM 20/40 SAND				
						5173' - 5329'		FRAC ZONE WITH 109,348 GALLONS OF 70 Q FOAM AT 50 BPM. PROPPANT: 97,840 LBS. OF PREMIUM 20/40 SAND				
28. PRODUCTION												
Date First Production 5/21/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) FLOWING					Well Status (<i>Prod. or Shut-in</i>) PROD					
Date of Test 5/21/2022	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 388	Water - Bbl. 25	Gas - Oil Ratio					
Flow Tubing Press. 468 - SI	Casing Pressure 544 - SI	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 388	Water - Bbl. 25	Oil Gravity - API - (<i>Corr.</i>)						
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD							30. Test Witnessed By					
31. List Attachments WELL IS NOW PRODUCING AS A BLANCO MESAVERDE/BASIN DAKOTA COMMINGLE UNDER DHC 5163												
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 5/21/2022					
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD83												

E-mail Address: mwalker@hilcorp.com

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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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 116203

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116203
	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 116203

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116203
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	7/12/2022