

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. 30-039-26528 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No. E-290-38
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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 27-5 Unit 6. Well Number: 40F
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7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☒ DIFFERENT RESERVOIR ☐ 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 Blanco Mesaverde			

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	16	27N	5W		1175	South	1980	West	Rio Arriba
BH:										

13. Date Spudded 2/2/2001	14. Date T.D. Reached 2/11/2001	15. Date Rig Released 5/4/2018	16. Date Completed (Ready to Produce) 5/4/2018	17. Elevations (DF and RKB, RT, GR, etc.) 6527' GR
18. Total Measured Depth of Well 7803'		19. Plug Back Measured Depth 7759'		20. Was Directional Survey Made? No
21. Type Electric and Other Logs Run CBL, Spectra				

22. Producing Interval(s), of this completion - Top, Bottom, Name (4800 – 5626') Mesaverde	
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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"	32.3#	220'	12-1/4"	275 sx (325 cf)	15 bbls
7"	20#	3504'	8-3/4"	529 sx (1203 cf)	TOC @ 389'
4-1/2"	10.5#	7799'	6-1/4"	423 sx (622 cf)	TOC @ 4450'

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	7702'	

26. Perforation record (interval, size, and number) Sqz perfs w/3 SPF 0.36" dia @ 5700, 4570 Perf MV w/1 SPF 0.34" dia @ 5626, 5625, 5599, 5598, 5592, 5591, 5590, 5554, 5553, 5546, 5533, 5532, 5510-(4 SPF, 0.36"), 5504, 5499, 5498, 5494, 5493, 5489, 5484, 5480, 5476, 5475, 5474, 5471, 5470, 5466, 5465, 5464, 5454, 5451, 5387, 5372, 5371, 5338, 5333, 5328, 5327, 5321, 5279, 5271, 5249, 5242, 5222, 5221, 5199, 5194, 5185, 5176, 5175, 5137, 5131, 5130, 5119, 5106, 5096, 5082, 5074, 5073, 5072, 5060, 5057, 5052, 5047, 5040, 5036, 5028, 5020, 5019, 5018, 5009, 5008, 4988, 4987, 4980, 4979, 4975, 4974, 4965, 4964, 4800-(3 SPF, 0.36")	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>Sqz perf @ 4570'</td> <td>Mix & pump 60 sx Clagg G neat (69 cf). TOC @ 4450'.</td> </tr> <tr> <td>Sqz perf @ 5700'</td> <td>Pump 38.4 bbls cmt slurry (15.8 PPG, 1.16 cf/sx, 5.11 gal/sx).</td> </tr> <tr> <td>4964 – 5626'</td> <td>500 gals 15% HCL, 10,110# 100 mesh & 292,780# 40/70 sand, 85,667 gals slkwtr & 3.03M SCF N2 70 quality foam</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	Sqz perf @ 4570'	Mix & pump 60 sx Clagg G neat (69 cf). TOC @ 4450'.	Sqz perf @ 5700'	Pump 38.4 bbls cmt slurry (15.8 PPG, 1.16 cf/sx, 5.11 gal/sx).	4964 – 5626'	500 gals 15% HCL, 10,110# 100 mesh & 292,780# 40/70 sand, 85,667 gals slkwtr & 3.03M SCF N2 70 quality foam
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28. PRODUCTION

Date First Production 5/4/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 5/4/2018	Hours Tested 1	Choke Size 7/8"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 13 mcf	Water - Bbl. 0	Gas - Oil Ratio N/A
Flow Tubing Press. 301 PSI	Casing Pressure 544 PSI	Calculated 24-Hour Rate	Oil - Bbl. 2.2 BOPD	Gas - MCF 301 MCFD	Water - Bbl. 2.5 BWPD	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	30. Test Witnessed By
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31. List Attachments Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC-3987AZ.	
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32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.	33. Rig Release Date: 5/4/2018
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34. If an on-site burial was used at the well, report the exact location of the on-site burial:		
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Latitude	Longitude	NAD83
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I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature <i>Tammy Jones</i> E-mail Address tajones@hilcorp.com	Printed Name Tammy Jones	Title Operations/Regulatory Tech – Sr. Date 5/10/2018
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INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Entrada
T. Salt	T. Strawn	T. Kirtland	T. Wingate
B. Salt	T. Atoka	T. Fruitland	T. Chinle
T. Yates	T. Miss	T. Pictured Cliffs	T. Permian
T. 7 Rivers	T. Devonian	T. Lewis	T. Penn A"
T. Queen	T. Silurian	T. Huerfanito Bent. 3838'	T. Penn. "B"
T. Grayburg	T. Montoya	T. Chacra 4267'	T. Penn. "C"
T. San Andres	T. Simpson	T. Cliff House 4867'	T. Penn. "D"
T. Glorieta	T. McKee	T. Menefee 5084'	T. Leadville
T. Paddock	T. Ellenburger	T. Point Lookout 5462'	T. Madison
T. Blinebry	T. Gr. Wash	T. Mancos 5853'	T. Elbert
T. Tubb	T. Delaware Sand	T. Gallup 6468'	T. McCracken
T. Drinkard	T. Bone Springs	T. Greenhorn 7411'	T. Ignacio Otzte
T. Abo	T.	T. Graneros 7497'	T. Granite
T. Wolfcamp	T.	T. Dakota 7600'	
T. Penn	T.	T. Morrison	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

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