

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised April 3, 2017

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

MAY 11 2018

1. WELL API NO.

B0-039-23601

2. Type of Lease

☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.
B-10037-83

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)

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:	A	32	29N	07W		800	NORTH	910	EAST	Rio Arriba

BH:

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
01/12/1985	1/23/1985	4/26/2018	4/26/2018	6563 GL

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
7772'	7763'	No	CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name
Blanco Mesaverde 4924' - 5829'

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8" - K-55	40 #	317'	12 - 1/4"	200 cf	
7" - K-55	20 #	3630'	8 3/4"	398 cf	
4 1/2" - K-55	10.5 & 11.6#	7772'	6 - 1/4"	638 cf	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	7673'	

26. Perforation record (interval, size, and number)

Point Lookout w/.34" @ 1 spf

5459' - 5829' = 23 holes

Menefee w/.34" @ 1 spf

5064' - 5432' = 22 holes

Cliffhouse w/.34" @ 1 spf

4924' - 5049' = 20 holes

Total MV holes = 65

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5459'-5829'	FRAC W/ 108,138 GALS 70Q 20# WATER GEL @ 50 BPM, 106,076 # 20/40 AZ, 1,179,700 SCF N2, 86 BBL FLUSH, 1000 15% HCL
5064'-5432'	FRAC W/ 96,720 GALS 65Q 20# WATER GEL @ 50 BPM, 88,751 # 20/40 AZ, 903,383 SCF N2, 81 BBL FLUSH, 36 BBL 15% HCL
4924'-5049'	FRAC W/ 115,780 GALS 70Q 20# WATER BASE GEL @ 50 BPM, 118,224 # 20/40 ARIZONA, 1,093,032 SCF N2, 64 BBL FLUSH 36 BBL 36BBL 15% HCL

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
4/27/2018	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/25/2018	.5	3"		0	28 MCF	.5	N/A

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
NA	5 PSI		0	1330 MCF/D	24	N/A

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

VENTED

30. Test Witnessed By
Cordell Selph

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: 4/26/2018

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD83

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 *Christine Brock*
Printed Name Christine Brock
E-mail Address cbrock@hilcorp.com

Title Operations/Reg Tech

Date 5/10/18

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 2330'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 2491'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 2992'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 3288'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 4920'	T. Leadville
T. Queen	T. Silurian	T. Menefee 5050'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 5448'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 5948'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 6528'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn 7456'	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota 7648'	
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	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, 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	From	To	Thickness In Feet	Lithology