

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

1. WELL API NO.  
30-045-20328  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No.

**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  
VASALY  
6. Well Number:  
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7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER RECOMPLETION

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:	K	31	32N	11W		1850'	FSL	1600'	FWL	San Juan
BH:										

13. Date Spudded 8/28/1968  
14. Date T.D. Reached 9/13/1968  
15. Date Rig Released 10/30/2018  
16. Date Completed (Ready to Produce) 11/1/2018  
17. Elevations (DF and RKB, RT, GR, etc.) 6372' GR  
18. Total Measured Depth of Well 7664'  
19. Plug Back Measured Depth 7630'  
20. Was Directional Survey Made?  
21. Type Electric and Other Logs Run CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name  
4994' - 5210' Menefee; 5263'-5561' Point Lookout

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"	32.75#	335'	13-3/4"	200 sx	
7-5/8"		3200'	9-7/8"	275 sx	
4-1/2"	11.6#, 10.50#	7663'	6-3/4"	500 sx	

24. **LINER RECORD**      25. **TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	7551'	

26. Perforation record (interval, size, and number)  
Menefee: 4994'-5210', 40 holes, 0.34" dia  
Point Lookout: 5263'-5561', 50 holes 0.34" dia

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED  
4994'-5561'      Frac'd w/ 240,000# 20/40 sand & 61,554 gal slickwater and 2.95MM SCF N2 70Q

28. **PRODUCTION**

Date First Production 11/1/2018      Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing      Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/1/2018	1 hr	1.25" Orifice		0	7.05 mcf	0.125 bbl	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
219 PSI	222 PSI		0	169.4 mcf	3 bbl		

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:

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

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 Priscilla Shorty      Printed Name Priscilla Shorty      Title Operations Regulatory Technician      Date 11/1/2018

E-mail Address pshorty@hilcorp.com

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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. Penn "A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 2981'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 4710'	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 5275'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 5648'	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn 7331'	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota 7532'	T. Bentonite 3668'
T. Tubb	T. Delaware Sand	T. Morrison	T. Grameros 7390'
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. 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	From	To	Thickness In Feet	Lithology