

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. 30-045-23647		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 Harper 6. Well Number: 2E	
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
Surface:	H	14	31N	12W	
BH:					
13. Date Spudded 10/22/1979	14. Date T.D. Reached 11/05/1979	15. Date Rig Released 5/4/2019		16. Date Completed (Ready to Produce) 5/4/2019	
17. Elevations (DF and RKB, RT, GR, etc.) 6229' GL		18. Total Measured Depth of Well 7590'		19. Plug Back Measured Depth 7547'	
20. Was Directional Survey Made?		21. Type Electric and Other Logs Run CBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name 4730' - 5306' Mesaverde					
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	234'	12 1/4"	110 sx	
7"	23	4989'	8 3/4"	415 sx	
4 1/2"	10.5 & 11.6	7577'	6 1/4"	300 sx	
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2 3/8"
					7404'
26. Perforation record (interval, size, and number) PERFORATE POINT LOOKOUT IN 2 RUNS (45 SELECT FIRE SHOTS, 1 SPF, 0.34 HOLES) AS FOLLOWS: 5306', 5305', 5304', 5303', 5302', 5301', 5300', 5290', 5289', 5288', 5287', 5286', 5269', 5268', 5267', 5266', 5265', 5189', 5188', 5187', 5186', 5112', 5111', 5110', 5106', 5105', 5104', 5103', 5102', 5077', 5076', 5075', 5074', 5073', 5066', 5065', 5064', 5063', 5062', 5057', 5056', 5055', 5052', 5051', 5050'. PERFORATE THE MENEFEE IN 2 RUNS (45 SELECT FIRE SHOTS, 1 SPF, 0.34 HOLES) AS FOLLOWS: 5032', 5031', 5030', 5029', 5028', 4986', 4985', 4984', 4983', 4982', 4932', 4931', 4930', 4929', 4928', 4927', 4926', 4924', 4923', 4922', 4867', 4866', 4865', 4858', 4857', 4856', 4855', 4850', 4849', 4848', 4760', 4759', 4758', 4757', 4743', 4742', 4741', 4738', 4737', 4736', 4734', 4733', 4732', 4731', 4730'			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3010' - 2885' Csg Squeeze job MIX 25 SK TYPE 3 CMT 1.18 YIELD. WT 14.8, 25 SK. PMP & DISPLACE 11 BBL, 4730' - 5306' FOAM FRAC'D MESAVERDE W/ 304,320 LBS 40/70 AND 72,514 GAL SLICKWATER AND 2.48 MILLION SCF N2. 70 QUALITY.		
28. PRODUCTION					
Date First Production 5/6/2019		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Prod	
Date of Test 5/6/2019	Hours Tested 1	Choke Size	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 1
Flow Tubing Press. SI - 209	Casing Pressure SI - 224	Calculated 24-Hour Rate	Oil - Bbl. 0.5	Gas - MCF 20	Water - Bbl. 15.73
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD					30. Test Witnessed By
31. List Attachments WELL IS NOW PRODUCING AS A BLANCO MESAVERDE / BASIN DAKOTA COMMINGLE UNDER DHC 4933					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					33. Rig Release Date: 5/4/2019
34. If an on-site burial was used at the well, report the exact location of the on-site burial:					
Latitude		Longitude		NAD83	

Signature 

Title: Operations/Regulatory Tech Sr. Date: 5/20/2019

E-mail Address: mwalker@hilcorp.com

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 <u>1320'</u>	T. Penn A"
T. Salt	T. Strawn	T. Kirtland <u>1419'</u>	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland <u>2080'</u>	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs <u>2774'</u>	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House <u>4363'</u>	T. Leadville
T. Queen	T. Silurian	T. Menefee <u>4520'</u>	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout <u>5060'</u>	T. Elbert
T. San Andres	T. Simpson	T. Mancos <u>5437'</u>	T. McCracken
T. Glorieta	T. McKee	T. Gallup <u>6343'</u>	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn <u>7191'</u>	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota <u>7337'</u>	
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. 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