

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								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG														
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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: 2								
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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:	P	14	31N	12W		790'	South	790'	East	San Juan				
BH:														
13. Date Spudded 3/29/1962	14. Date T.D. Reached 4/25/1962	15. Date Rig Released 10/24/2018			16. Date Completed (Ready to Produce) 10/24/2018		17. Elevations (DF and RKB, RT, GR, etc.) 6168' GL							
18. Total Measured Depth of Well 7348'			19. Plug Back Measured Depth 7332'		20. Was Directional Survey Made? No		21. Type Electric and Other Logs Run CBL							
22. Producing Interval(s), of this completion - Top, Bottom, Name 4634' -5220' Mesaverde														
23. CASING RECORD (Report all strings set in well)														
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED				
8 5/8"		24#		323'		12 1/4"		225 sx						
4 1/2"		9.5/11.6#		7348'		7 7/8"		785 sx						
24. LINER RECORD						25. TUBING RECORD								
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET						
						2 3/8"	7299'							
26. Perforation record (interval, size, and number) PT LOOKOUT: (w/80 shots, 1SPF, 0.34 HOLES) 5,220', 5,219', 5,218', 5,217', 5,216', 5,215', 5,214', 5,213', 5,212', 5,204', 5,203', 5,202', 5,201', 5,200', 5,104', 5,103', 5,102', 5,101', 5,100', 5,069', 5,068', 5,067', 5,066', 5,047', 5,046', 5,045', 5,044', 5,043', 5,042', 5,020', 5,019', 5,018', 5,017', 5,016', 5,015', 5,014', 5,013', 5,012', 5,011', 5,010', 4,989', 4,988', 4,987', 4,986', 4,985', 4,974', 4,973', 4,972', 4,971', 4,970' MENEFE: 4,900', 4,899', 4,898', 4,897', 4,896', 4,843', 4,842', 4,841', 4,840', 4,839', 4,838', 4,837', 4,836', 4,835', 4,834', 4,833', 4,725', 4,724', 4,723', 4,722', 4,688', 4,687', 4,686', 4,670', 4,669', 4,668', 4,637', 4,636', 4,635', 4,634'						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>4634' - 5220'</td> <td>FOAM FRAC'D MESAVERDE WITH 299,920 LBS 20/40 AND 72,330 GAL SLICKWATER AND 2.50 MILLION SCF N2. 70 QUALITY.</td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4634' - 5220'	FOAM FRAC'D MESAVERDE WITH 299,920 LBS 20/40 AND 72,330 GAL SLICKWATER AND 2.50 MILLION SCF N2. 70 QUALITY.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED													
4634' - 5220'	FOAM FRAC'D MESAVERDE WITH 299,920 LBS 20/40 AND 72,330 GAL SLICKWATER AND 2.50 MILLION SCF N2. 70 QUALITY.													
28. PRODUCTION														
Date First Production 10/24/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD								
Date of Test 10/24/2018	Hours Tested 1	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 0.041	Gas - MCF 11.86 MCF	Water - Bbl. 0.625 BBL	Gas - Oil Ratio N/A							
Flow Tubing Press. SI - 325	Casing Pressure SI - 343	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 284.80 MCFD	Water - Bbl. 15 BBL	Oil Gravity - API - (Corr.) N/A								
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 4060AZ														
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date: 10/24/2018						
34. If an on-site burial was used at the well, report the exact location of the on-site burial:														
Latitude				Longitude				NAD83						

NMOCB Rec'd NOV 5, 2018

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Signature Amanda Walker Printed Name Amanda Walker Title Operations/ Regulatory Tech – Sr. Date: 11.1.2018
E-mail Address: mwalker@hilcorp.com

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>990'</u>	T. Penn A"
T. Salt	T. Strawn	T. Kirtland <u>1010'</u>	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland <u>2185'</u>	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs <u>2697'</u>	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House <u>4203'</u>	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout <u>4953'</u>	T. Elbert
T. San Andres	T. Simpson	T. Mancos <u>5350'</u>	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
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