

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
 Other:

5. Lease Serial No. **NMSF-079319**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **Hilcorp Energy Company**

8. Lease Name and Well No. **Schwerdtfeger A 3M**

3. Address **382 Road 3100, Aztec, NM 87410** 3a. Phone No. (include area code) **(505) 599-3400**

9. API Well No. **30-045-11605**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit D (NWNW), 885' FNL & 815' FWL**
 At top prod. Interval reported below **Same as above**
 At total depth

10. Field and Pool or Exploratory **Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 06, T27N, R08W, NMPM**

12. County or Parish **San Juan** 13. State **New Mexico**

14. Date Spudded **11/5/1965** 15. Date T.D. Reached **11/23/1965** 16. Date Completed **6/22/2019**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **5902' GL**

18. Total Depth: **6747'** 19. Plug Back T.D.: **6712'**

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	275'		190 sx		0	
7-7/8"	4-1/2" J-55	10.5# & 9.5 #	0	6747'		650 sx		0	
								0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6597'							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Menefee	3980'	4321'	1 SPF	0.34"	23	Open
B) Mesaverde	4366'	4553'			14	Open
C)						
D) TOTAL					37	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
3980' - 4321'	Frac'd w/ 1000 gal 15% HCL, 31,805 70Q 20# Linear Gel, 153,240# 20/40 sand, 1,102,797 scf N2, 122 BBL Flush
2998' - 3123'	10 sx Type III Cement
1970' - 2095'	10 sx Type III Cement
1940' - 2140'	24 sx TM System Cement

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/1/2019	6/6/2019	1	→	0	24 mcf	5 bbl			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
30/64	280 psi	N/A	→	0	576 mcf	120 bpd		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

*(See instructions and spaces for additional data on page 2)

NMOCD PV

DISTRICT III

ACCEPTED FOR RECORD

JUL 28 2019

FARMINGTON FIELD OFFICE
BY: _____

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

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

Vented

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1164'	1266'	White, cr-gr ss	Ojo Alamo	1164'
Kirtland	1266'	1640'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1266'
Fruitland	1640'	2070'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1640'
Pictured Cliffs	2070'	2270'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2070'
Lewis	2270'	3038'	Shale w/ siltstone stringers	Lewis	2270'
Chacra	3038'	3725'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3038'
Cliff House	3725'	3778'	Light gry, med-fine gr ss, carb sh & coal	Cliff House	3725'
Menefee	3778'	4360'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3778'
Point Lookout	4360'	4860'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4360'
Mancos	4860'	5547'	Dark gry carb sh.	Mancos	4860'
Gallup	5547'	6318'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5547'
Greenhorn	6318'	6492'	Highly calc gry sh w/ thin lmst.	Greenhorn	6318'
Dakota	6492'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6492'

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well per DHC-1116-0, producing from the Basin Dakota & Blanco Mesaverde.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Christine Brock Title Operations/Regulatory Technician - Sr.
 Signature Christine Brock Date 7/11/19

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.