

RECEIVED

MAY 02 2019

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **NMSF078144**

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **N/A**

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

8. Lease Name and Well No. **Pan American Federal Gas Com B 1E**

3. Address **382 Road 3100, Aztec, NM 87410**

3a. Phone No. (include area code) **(505) 599-3400**

9. API Well No. **30-045-24842**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit G (SWNE), 1710' FNL & 1660' FEL**
 At top prod. Interval reported below **Same as above**
 At total depth **Same as above**

10. Field and Pool or Exploratory **Aztec Pictured Cliffs**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 31, T30N, R11W**

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

14. Date Spudded **1/27/1982**

15. Date T.D. Reached **2/7/1982**

16. Date Completed **2/8/2019**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **5837' GL**

18. Total Depth: **6700'**

19. Plug Back T.D.: **6680'**

20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **MAY 02 2019 DISTRICT III**

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	357'	n/a	300 sx			None
7 7/8"	4 1/2" J-55	10.5#	0	6700'	n/a	1680 sx			None

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"	2091'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	2062'	2091'	4 SPF	.41"	72	open
B)						
C)						
D) TOTAL					72	

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

Depth Interval	Amount and Type of Material
2071'-2089'	Acidized w/1000 gals 15% HCL, frac'd w/183,160# 20/40 AZ sand w/sandwedge max additive, 59,808 gal #20 water gel, .34M SCF N2 @ 70Q, flushed w/11 foam bbls.
2062'-2071'	
2089'-2091'	

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
N/A	2/1/2019	1	→	0	6	0	n/a	n/a	flowing
Choke Size	Tbg. Press. SI	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
14/64"	350 psi	N/A	→	0	144	0	n/a	Shut In	ACCEPTED FOR RECORD

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
			→						APR 30 2019
Choke Size	Tbg. Press. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						FARMINGTON FIELD OFFICE BY: [Signature]

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

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	640'	757'	White, cr-gr ss	Ojo Alamo	640'
Kirtland	757'	1607'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	757'
Fruitland	1607'	2062'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1607'
Pictured Cliffs	2062'	2285'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2062'
Lewis	2285'	'	Shale w/ siltstone stringers	Lewis	2285'
Chacra	'	'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	'
Mesa Verde	'	3808'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	'
Menefee	3808'	4407'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3808'
Point Lookout	4407'	4897'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4407'
Mancos	4897'	5656'	Dark gry carb sh.	Mancos	4897'
Gallup	5656'	'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5656'
Greenhorn	'	'	Highly calc gry sh w/ thin lmst.	Greenhorn	'
Graneros	'	6600'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	6600'	'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6600'

32. Additional remarks (include plugging procedure):

The PC is currently non-productive and will be tested. The DK is isolated by a CIBP @ 2200' and will be drilled out after 90-days.

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) Cherylene Weston Title Operations/Regulatory Technician-Sr.
 Signature Cherylene Weston Date 4-29-19

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.

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 D & A Ready to Prod. 17. Elevations (DF, RKB, RT, GL)* **5837' GL**

18. Total Depth: **6700'** 19. Plug Back T.D.: **6680'** 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)

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28. Production - Interval A

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N/A	2/1/2019	1	→	0	6	0	n/a	n/a	flowing
Choke Size	Tbg. Press. SI	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
14/64"	350 psi	N/A	→	0	144	0	n/a	Shut In	

Dave Mankiewicz 4/2/19

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

NMOCD

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.)

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Greenhorn		'	Highly calc gry sh w/ thin lmst.	Greenhorn	'
Graneros		6600'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	'
Dakota	6600'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6600'

32. Additional remarks (include plugging procedure):

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Name (please print) Cherylene Weston Title Operations/Regulatory Technician-Sr.
 Signature Cherylene Weston Date 2-21-19

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