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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.

SF-080724-A

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

2. Name of Operator

Hilcorp Energy Company

3. Address

PO Box 4700, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 599-3400

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Zachry 48

9. API Well No.

30-045-25608

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit G (SWNE), 1980' FNL & 2145' FEL

At top prod. Interval reported below

Same as above

10. Field and Pool or Exploratory

Blanco Mesaverde

11. Sec., T., R., M., on Block and
Survey or Area

Sec. 34, T29N, R10W

12. County or Parish

13. State

San Juan

New Mexico

At total depth

Same as above

14. Date Spudded

4/9/1983

15. Date T.D. Reached

4/15/1983

16. Date Completed

3/3/2018

☐ D & A

☒ Ready to Prod.

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

5601' GL

18. Total Depth:

6030'

19. Plug Back T.D.:

5982'

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	8 5/8" K-55	26#	0	304'	n/a	295 cf		surface	
7 7/8"	5 1/2" K-55	15.5#	0	6030'	n/a	2739 cf		surface	

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"	5909'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4172'	4485'	1 SPF	.34"	22	open
B) Menefee	3783'	4042'	1 SPF	.34"	19	open
C) Menefee	4043'	4043'	120 Degree Phase	.43"	3	open
D) TOTAL					44	

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

Depth Interval	Amount and Type of Material
4172' - 4485'	Acidized w/ 1000 gal 15% HCL & 50 ball sealers. Added 70Q N2 foam, 20# linear gel w/ 4,400# 14/40 frac black LWP, 603 bbl water, 650,279 SCF N2.
3783' - 4043'	Acidized w/ 1000 gal 15% HCL & 40 ball sealers. Added 60Q N2 foam, 20# linear gel w/ 5,500# 14/40 frac black LWP, 649 bbl water, 764,396 SCF N2.

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
3/4/2018	3/2/2018	2	→	0	53 mcf	1 bwph	n/a	n/a	flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	0 psi	100 psi	→	0	626 mcf/d	12 bwpd	n/a	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)

NMOCDAV

ACCEPTED FOR RECORD

MAR 14 2018

FARMINGTON FIELD OFFICE

By:

Producing

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	848'	882'	White, cr-gr ss	Ojo Alamo	848'
Kirtland	882'	1595'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	882'
Fruitland	1595'	1854'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1595'
Pictured Cliffs	1854'	2035'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	1854'
Lewis	2035'	2474'	Shale w/ siltstone stringers	Lewis	2035'
Chacra	2474'	3290'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2474'
Mesa Verde	3290'	3555'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3290'
Menefee	3555'	4163'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3555'
Point Lookout	4163'	4692'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4163'
Mancos	4692'	5370'	Dark gry carb sh.	Mancos	4692'
Gallup	5370'		Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5370'

32. Additional remarks (include plugging procedure):

This is a commingled MV/GP well being commingled per DHC 3976AZ.

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)

Kandis Roland

Title

Operations/Regulatory Technician

Signature

Kandis Roland

Date

3/9/18

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.

(Continued on page 3)

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