

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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JAN 29 2019

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

NMOCD

FEB 12 2019

DISTRICT III

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

NMSF0080379A

6. If Indian Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other

8. Well Name and No.

San Juan 29-6 Unit Com 601 1H

2. Name of Operator

Hilcorp Energy Company

9. API Well No.

30-039-31369

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

10. Field and Pool or Exploratory Area

Basin Mancos

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit E (SWNW) 2579'FNL & 18' FWL, Sec. 8, T29N, R06W
Bottomhole Unit G (SWNE) 2374'FNL & 2379' FEL, Sec. 9, T29N, R06W

11. Country or Parish, State

Rio Arriba, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Casing & Cement Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

11/28/2018 Making up coring BHA, core bit & tools.

11/29/18 Space out inner core barrels, pump thru BHA. TIH w/core tools to 6720'. Wash to bttm, no fill. Circ bttms up. Core drill 6860' - 6890'. PUH t/5991'. Spot LCM pill & blow down lines. PUH t/1000', let core equalize.

11/30/18 TOOH L/D core barrels, recover core. TIH w/core tools & BHA. Wash & ream 6750 - 6890'. Core drill @ 6890'.

12/1/18 Core drill to 6988'. Break core, spot LCM. PUH, letting core equalize.

12/2/18 TOOH L/D core barrels, recover core. TIH w/core tools & BHA. Wash & ream 6809 - 6988'. Core drill @ 6988'.

12/3/18 Core drill to 7036'. Break core, spot LCM. PUH, letting core equalize.

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14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Tammy Jones

Title Operations/Regulatory Technician - Sr.

Signature

Date

1/25/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instruction on page 2)

NMOCD

12/4/18 TOOH L/D core barrels, recover core. TIH w/core tools & BHA. Wash & ream 6250 - 7036'. Core drill @ 7036'.

12/5/18 Core drill to 7194'. Break core, spot LCM. PUH, letting core equalize.

12/6/18 TOOH L/D core barrels, recover core. TIH w/core tools & BHA. Wash & ream 7122 - 7194'. Core drill @ 7194'.

12/7/18 Core drill to 7311'. Break core, spot LCM. PUH, letting core equalize.

12/8/18 TOOH L/D core barrels, recover core. TIH w/core tools & BHA. Wash & ream 7212 - 7311'. Core drill @ 7311'.

12/9/18 Core drill to 7461'. Break core, spot LCM. PUH, letting core equalize. TOOH L/D core barrels, recover core.

12/10/18 MU 8-3/4" bit & BHA. TIH to 7375'. Wash & ream 7375-7461'. Drill 7461 - 7912' TD of pilot hole.

12/11/18 Pump sweeps & circ hole clean. TOOH w/8-3/4" bit. RU W/L. Open hole logging - Run #1. LD.

12/12/18 **Notified BLM & NMOCD of pilot hole plug back cmt job.**

12/13/18 Monitor hole.

12/14 & 15/18 TIH w/8-3/4" bit, break circ & wash fill to TD @ 7912'. Circ & condition hole.

12/16/18 TOOH w/8-3/4" bit. RU W/L. Attempt open hole logging - Run #2, unsuccessful. LD. TIH w/2-7/8" tbg.

12/17/18 Tag obstruction @ 6955', unable to wash past. **Notified NMOCD, will PU bit & C/O to TD.** TOOH w/2-7/8" tbg.

12/18/18 TIH w/8-3/4" bit to 6110'. Wash & ream in hole f/6110' to TD @ 7912'. Circ hole clean. TOOH w/bit.

12/19/18 TIH w/4-3/4" bladed bit on 2-7/8" & 4-1/2" drill pipe. Wash dwn to 7912'. Circ hole clean. RU cmtrs for balanced plug. PT lines, good. Pump 325 sx of 12.5 PPG cmt slurry (374 cf - 66 bbls = 1.15 yield), displace w/3 bbl spacer, 5 bbl H2O & 31 bbls drlg mud @ 9.4 PPG. PUH.

12/20/18 PUH to 6793'. WOC, circ no cmt returns to surface. TIH, tag cmt @ 6807'. Circ & condition. Pump 5 bbls H2O & 37 bbls 12.5 PPG spacer. Pump 385 sx of 15.8 PPG cmt slurry (447 cf - 79 bbls = 1.16 yield), displace w/3 bbls H2O & 30 bbls drlg mud @ 9.4 PPG. PUH to 5500'. WOC, reverse circ no returns. TIH, tag TOC @ 6346'.

12/21/18 Circ & condition. Pump 5 bbls H2O, 37 bbls 12.5 PPG spacer. Pump 385 sx of 15.8 PPG cmt slurry (447 cf - 79 bbls = 1.16 yield), displace w/3 bbls spacer & 27 bbls drlg mud. PUH to 5200'. WOC, circ 15 bbls cmt to surface. TIH, tag TOC @ 5511'. TOOH w/4-1/2" drill pipe & 4-3/4" bladed bit on 2-7/8" DP. **Notified BLM & NMOCD of BOP Test.**

12/22/18 PT BOP & valves, rams 250 - 3000#, annular 250 - 1500#, test good. TIH w/8-3/4" bit & BHA on 4-1/2" DP, tag cmt @ 5511'. Drill soft cmt 5511' - 5857'.

12/23/18 Drill soft cmt 5857' - 6111'. Circ hole clean @ 6088'.

12/24/18 Drill cmt 6111' - 6390', (found harder cmt 6360' - 6390'). Circ hole clean. TOOH w/8-3/4" bit & DP.

12/25/18 TIH w/4-3/4" blade bit & 2-7/8" cmt strg to 6390'. Circ & condition hole. Pump 2 bbl H2O & 19 bbls tuned spacer. Pump 209 sx of 17 PPG cmt slurry (209 cf - 37 bbls = 1.0 yield), displace 1.25 bbl H2O & 68 bbls drlg mud. PUH to 5582'. Reverse out drill string, full returns w/10 bbls spacer & no cmt. Begin hesitate sqz, pump 3.5 bbl of 9.5 PPG mud @ 490#, bled off slow to stabilized @ 175#. WOC.

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12/26/18 TIH, tag cmt @ 5931'. Circ pipe clean. TOOH w/4-3/4" blade bit & 2-7/8" cmt strg. TIH w/8-3/4" bit. Break circ & drill cmt stringers f/5819' to 5931'. Drill hard cmt f/5931' - 5960'.

12/27/18 Drlg hard cmt f/5960' - 6380'. Circ hole clean. TOOH w/4-3/4" blade bit & 2-7/8" cmt strg. MU 8-3/4" bit & DD BHA.

12/28/18 TIH w/directional BHA to 6300'. Circ & condition. Tag hard @ 6380'. Attempt to kick off cmt plug, hard cmt f/6380' - 6389' then became soft. Drlg thru soft cmt to 6700'. Plug insufficient to kick off. Circ hole clean. TOOH & L/D directional BHA.

12/29/18 TIH w/4-1/2" drill pipe to 6700'. Circ & cond. RU cmtrs. Pump 2 bbls H2O & 34 bbls tuned spacer. Pump 247 sx of 17 PPG cmt slurry (247 cf - 44 bbls = 1.0 yield), displace 70 bbls drlg mud. PUH to 6100'. Reverse out drill string, full returns w/27 bbls spacer & no cmt. TOOH w/4-1/2" drill pipe. WOC.

12/30/18 MU 8-3/4" bit & DD BHA. TIH w/directional BHA, tag cmt @ 6129'. Drill cmt to KOP, ratty/soft until 6217' cmt got harder. Begin time drill KOP @ 6344'. Time drill 45' = Avg 3.4'/hr to 6389'.

12/31/18 Continue drilling 8-3/4" curve section f/6389' to 6859'.

1/1/2019 Drlg 8-3/4" curve section f/6859' to 7280'.

1/2/2019 Drlg 8-3/4" curve section f/7280' to 7670'.

1/3/2019 TOOH w/BHA. Lay down directional BHA. Service rig. P/U directional tools & test. TIH w/8.5" BHA directional tools.

1/4/2019 Wash from 7400' to 7689'. Drill 8-1/2" production hole f/7689' to 10500' MD.

1/5/2019 Drill 8-1/2" production hole f/10500' to 11863' MD. Circ hole clean.

1/6/2019 Drill 8-1/2" production hole f/11863' to 11901' MD. Circ & condition. PUH to 6100'. Repair rig.

1/9/2019 Drill 8-1/2" production hole f/11901' to 12040' MD. Circ & condition. PUH to 6100'. Repair rig.

1/14/19 Drill 8-1/2" production hole f/12040' to 14500' MD. Circ & condition.

1/15/19 Drill 8-1/2" production hole f/14500' to TD @ 15081' MD on 1/15/19 @ 12:00. Circ hole clean. PUH to 13150'.

1/16/19 TOOH w/BHA. Lay down directional tools. PU 5-1/2" casing, stage in hole. **Notified BLM & NMOCD of cmt job.**

1/17/19 Run 332 jts 5-1/2" 20# P-110 BTC casing, set shoe @ 15070' MD, FC @ 15021', Toe Sleeve @ 14972', 14923' & 14874', Mkr Jt @ 11155'. RU cmtrs, test lines to 5000#.

1/18/19 Pump 10 bbls H2O & 60 bbls tuned spacer. Pump 2294 sx Premium TM Cmt w/0.3% Super CBL, 13.3 PPG slurry (3120 cf - 555 bbls = 1.36 yld). Displace w/332 bbls 2% KCL. Bump plug @ 2000 psi. WOC. ND BOP. NU WH. RD. Rig released.

1/21/19 NU frac stack, PT to 9500#, ok. RU W/L. Run CBL f/7540' to 5000'. RD W/L. TOC @ 6110'. **Verbal CBL approval from Brandon Powell, NMOCD & notified BLM.**

1/23/19 PT 5-1/2" csg to 1500#/30 mins, test good (chart attached). RU frac crew. ✓

Completion will be on next report.

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