

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

NMOCB
OCT 19 2018
DISTRICT III

RECEIVED
OCT 15 2018

5. Lease Serial No. **SF-078047**
Farmington Field Office

6. If Indian, Allottee or Tribe Name

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

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

2. Name of Operator
Hilcorp Energy Company

8. Well Name and No.
Palluche HZMC 1H

3a. Address
382 Road 3100, Aztec NM 87410

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

9. API Well No.
30-039-31138

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface Unit B (NWNE), 1042' FNL & 2088' FEL, Sec. 35, T26N, R7W
Bottomhole Unit E (SWNW), 1769' FNL & 660' FWL, Sec. 34, T26N, R7W

10. Field and Pool or Exploratory Area
Basin Mancos

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Csg Report - Amended
	<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 recomplete 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 recompletion 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.)

7/8 - 7/9/2018 MIRU AWS 777.

7/10/2018 NU 13-5/8 3K BOPE, choke & kill lines, choke manifold, gas buster, flare stack & flowback tank. MU test plug on jt, test rams, choke manifold. TIW 250-3000 annular 250-2100. Pressure w/ H2O. **Pull test plug & test surface csg to 1000 psi f/30 mins. Test-Good.** RU flare stack.

7/11/2018 Hook up kill & Fill up line. Torque & clamp mud savor/save sub/pull board. PU motor test, scribe & orientate. **MU 12-1/4" bit.** PU dir tools & 6 DC. TIH to 300'. Ream mouse hole, install mouse shuck. Drill shoe track 340'-380'. Rotate & side drill 380'-2297'.

7/12/2018 Rotate & side drill 2297'-3989'.

ACCEPTED FOR RECORD
OCT 15 2018
FARMINGTON FIELD OFFICE
By: 

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

Christine Brock

Title **Operations/Regulatory Technician - Sr.**

Signature



Date **10/15/2018**

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.

7/13/2018 Rotate & side drill 3989'-4388'. Circulate hole clean. POOH. LD motor, check bit & motor. PU mud motor, MU bit & direction BHA & TIH. Side drill 4388'-4409'.

7/14/2018 Rotate & side drill 4409'-5239'.

7/15/2018 Rotate & side drill 5239'-5338'. Circ while C/O seat on #1 MP. Rotate & side drill 5338'-5623'. Pump sweeps & circ hole clean. POOH. **Notified BLM & OCD of upcoming cmt operation @ 19:30 hrs.**

7/16/2018 POOH, LD bit & motor. MU bit & motor. MU directional tools scribe same & TIH to shoe. Slip & cut drill line. TIH to 3404'. Circulate. TIH to 5471'. Wash & ream tight hole 5471'-5623'. Rotate & side drill 5623'-5745'.

7/17/2018 Rotate & side drill 5745'-6048'. **TD 6048' w/ 12-1/4" bit.** Pump sweeps, circ hole clean. POOH, 60K drag, back ream to 5689'. Circ & condition mud, vis up to 65, hole clean. POOH, 60K drag, back ream to 5271'. Circ & condition pump 2x high vis sweeps, hole unloaded. POOH 5271'-3800'. Circ bottoms up, hole unloaded. POOH, 3250' on hook.

7/18/2018 TOO H & back ream tight spots. LD directional tools. PU bit sub, 12 DC & HWDP. TIH to 5951'. Wash & ream to 6048'. Circ 2x high vis sweeps. POOH to 5650'.

7/19/2018 POOH, LD bit & bit sub. RIH w/ **9-5/8", 40# P-110 BTC csg, 132 jts, shoe @ 6028', FC @ 5978'**. Circ 2X casing capacity, break circ through cement return lines. RU Halliburton, Test line to 5000 psi. Pump 20 bbls water, 60 bbls chem wash, Class G lead cement 1275 sks (2435 cf - 433 bbls = 1.91 yield) @ 12.3 ppg, Pumped VariCem tail cement 180 sks (236 cf - 42 bbls = 1.31 yield) @ 13.5 ppg. Disp w/ 453 bbl WMB @ 9.3 ppg. Plug did not bump, pump 1.5 bbl over and shut cmt head in. 120 bbls cmt to surface. RDMO cementers.

7/20/2018 WOC. ND set slips & cut off. Install B section. NU B-stage & BOPs, install flow lines, choke line. RU hydraulic lines & FT BOPs (test void to 1000 psi) Test breaks on BOPs, **test csg to 1000 psi for 30 min. Test-Good.** MU 8-3/4" bit, DCs & HWDP. TIH, tag plug @ 5887'. Drill cement @ float equipment 5887'-6048' (FC @ 5978', shoe @ 6028'). Drill 6048'-6085'. POOH.

7/21/2018 TOO H, LD bit. PU junk mill. TIH, tag float shoe @ 6046'. Mill 6046'-6051', PU & retag @ 6046'. Work through 6046'-6055', work through bottom of csg. Ream to bottom, tag @ 6084'. Mill 6084'-6085'. POOH. PU 8-3/4" PDC bit & TIH.

7/22/2018 TIH w/ 8-3/4" PDC and follow mill to 6046'. Wash & ream 6046'-6086'. Drill 6086'-6200'. Pump sweeps & circ hole clean. POOH. MU coring tools. TIH to 6026'. Wash 6026'-6200', tag bottom. PU & circ. Core drill 6200'-6260'. PU & break core, circ bottoms up. POOH w/ coring tools.

7/23/2018 TOO H w/ cores. MU core barrels & TIH to 6260'. Core drill 6260'-6350'. Circ bottoms up. POOH w/ coring tools to 1000'. Let core equalize.

7/24/2018 Wait for gas to bleed core bbls @ 1000 ft. LD coring bbls. 89 feet of core retrieved. TIH @ 3000'. Break circ, TIH to 6020' Break circ, Stage in hole to core point @ 6350'. Core 6350-6440'. Circ bottoms up. POOH w/ core.

7/25/2018 LD 90.65' of core, break bit. MU Core Bit. SN 1452. MU Core tubes. Stage in hole, circ @ shoe. TIH. Drill core F/6440'-6530'. Circ bottoms up. POOH w/ core.

7/26/2018 LD cores. TOO H, MU core barrels. MU BHA & TIH. Drill Core from 6440' to 6530'. POOH w/ core.

7/27/2018 TOO. MU core barrels. Stage in hole. No fill on bottom. Drill core 6620'-6710' and circ bottoms up. POOH.

7/28/2018 TOO. PU new core barrels. MU BHA & stage in hole. Break circulation, drop ball. Core drill 6710'-6800'. Circ bottoms up. POOH.

7/29/2018 TOO. MU PDC logic 8.75" bit & drilling BHA. Test survey tool. Stage in hole to 6500'. Attempt survey @6500' (no good). Change out swivel packing. Wash & ream 6500'-6800'. Drill 6800'-7196'.

7/30/2018 Drill 7196'-7288'. **TD @ 7288'**. Circ hole clean. Pump sweeps. TOO, no excess drag. Stand back BHA. PU Halliburton logging tools. RIH to 4000'. RD truck. MU 8-3/4" bit. TIH for wiper trip. 5955' on hook.

7/31/2018 TIH. No excess drag or fill on bottom. Circ hole clean. Condition mud to 9.4 ppg. TOO to surface. No drag. RU Halliburton logging equipment, run triple combo log w/ GEM. LD triple combo. RIH & log w/ NMR.

8/1/2018 Finish 2nd log run. RIH & make 1st, 2nd & 3rd core vault run, making up 4th core vault core vault run.

8/2/2018 RIH w/ core vault # 4. POOH. MU standard sidewall core. RIH & take 32 sidewall cores. POOH. TIH & take sidewall cores 51/60 cores.

8/3/2018 TIH & take 61 sidewall cores. Run in open hole log. PU 27 jts of 2-7/8" tbg then DP,T/7288. Circ. RU Halliburton pump Tuned Spacer lead cement 83 sks (223 cf – 40 bbl = 2.69 yield) . Pumped Class G tail cement 240 sks (278 cf – 49 bbl = 1.16 yield), spacer 5.3 bbl & displaced with mud 65.1 bbls. Reversed circulated cement manifold plugged up 80% bottoms up. PU 1 stand & circulated bottoms up the long way. WOC.

8/4/2018 Tag cement @ 6636' Circulated. Pump Tuned Spacer lead cement 83 sks (223 cf – 40 bbl = 2.69 yield). Pumped Class G tail cement 322 sks (322 cf - 57 bbl = 1 yield) & displaced w/ mud 57.9 bbl. Pulled up 11 stands reverse circulated 100% of spacer back 2% cement back. Circulated. WOC, Tag cement @ 6018'. Circulated changed hole over to packer fluid. LD drill pipe, 2-7/8" tbg & DCs.

8/5/2018 ND BOPE, installed night cap, Shut in well. RDRR @ 18:00 hrs.

Lateral Drilling & casing will appear on next report.

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SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Hilcorp Energy Company		8. Well Name and No. Palluche HZMC 1H
3a. Address 382 Road 3100, Aztec NM 87410	3b. Phone No. (include area code) 505-599-3400	9. API Well No. 30-039-31138
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit B (NWNE), 1042' FNL & 2088' FEL, Sec. 35, T26N, R7W Bottomhole Unit E (SWNW), 1769' FNL & 660' FWL, Sec. 34, T26N, R7W		10. Field and Pool or Exploratory Area Basin Mancos
		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			
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing Report
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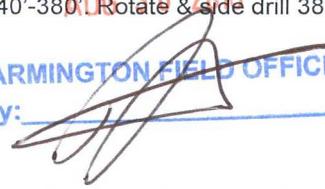
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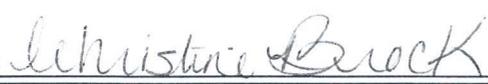
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NMOCD
AUG 31 2018
FARMINGTON FIELD OFFICE
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Christine Brock		Title Operations/Regulatory Technician - Sr.	
Signature 		Date 8/15/2018	

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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	

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