

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 25 2018

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

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.

NMSF078604

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

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

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

8. Well Name and No.

MARCOTTE 2

9. API Well No.

30-045-29466

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

Surface

Unit I (NE/SE) 1540' FSL & 935' FEL, Sec. 08, T31N, R10W

11. Country or Parish, State

San Juan

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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.)

Please see attached

ACCEPTED FOR RECORD

JUL 30 2018

FARMINGTON FIELD OFFICE

By:

NMOC

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

Amanda Walker

Title Operations/Regulatory Technician - Sr.

Signature

*Amanda Walker*

Date

7/24/2018

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.

(Instruction on page 2)

NMOC

Marcotte 2  
30-045-29466  
Recompletion Sundry

**6/18/2018:** MIRU. N/D FLO-TREE AND WH. N/U BOP & TEST – OKAY. UNLAND TBG. L/D HNGR. P/U 1 HT 2 3/8" TBG AND TAG RBP @ 7079'. N/U 11" X 7" FLANGE AND STRIPPING HEAD. M/U W/ RETRIEVING TOOL AND TH ON 2 3/8" TBG TO 6952'. SWI. SL. SDFN.

**6/19/2018:** PU & TIH 2 JTS 2 3/8" TBG , LATCH ONTO RBP @ 7079'. ATT TO RLS RVP W/NO RESULTS. TOH 225 JTS 2 3/8" TBG, RETR HS & RBP TOP SUB. FOUND RBP TOP SUB UNSCREWED FR/RBP. TIH OS & 89 JTS 2 3/8" TBG. TAG TOF @ 2794'. TOH 89 JTS 2 3/8" TBG, OS & RBP. RBP MISSING ALL RUBBER ELEMENTS. SWI. SDFN.

**6/20/2018:** LEFT MESSAGE W/BLM CMT @ 0700hrs & CONTACTED BRANDON POWELL W/NMOCD @ 0700hrs ON 6/20/2018 TO P&A DAKOTA. TIH 6 3/4" CSG SCRAPER & 228 JTS 2 3/8" TBG. EOT @ 7139'. TOH 228 JTS 2 3/8" TBG & BHA. TIH 7" CIRC & 228 JTS 2 3/8" TBG. SET CIRC @ 7120'. TOH & LD 1 JT 2 3/8" TBG. CIRC WELL CLN. PT CSG TO 2000 psig FOR 15". TST – OKAY. MIRU CMT EQUIP. PT PUMP & LINES – TST – OKAY. PUMP BALANCE PLUG W/36 SX TYPE G CMT (MIXED @ 15.8 ppg, 1.14 CU FT/SX, 4104 CU. FT.) PUMP DOWN TBG W/7 BBLs CMT. TOH 6 JTS 2 3/8" TBG. EOT @ 6521'. REVERSE CIRC TBG CLN. TOH 20 JTS 2 3/8" TBG. EOT @ 6578'. RDMO CMT EQUIP. NO REPS ON LOC TO WITNESS OPS. SDFN.

**6/21/2018:** TIH 23 JTS 2 3/8" TBG. TAG TOC @ 7006'. MARK DECKER W/BLM ON LOCATION TO WITNESS OPS. TOH & LD 224 JTS 2 3/8" TBG & SETTING TL. ND BOP. MIRU ANTELOPE SERVICES. NU 11" X 7 1/16" TBG HANGER CONVERSION W/FALSE BOWL. NU FRAC STACK. PT CST & FRAC STACK TO 4900psig & BURST. RDMO ANTELOPE SERVICES. ND FRAC STACK & TBG HNG CONVERSION. NU WH. SWI. SDFN.

**6/22/2018:** NU 11" BOP & 11" WASHINGTON HD. PU & TIH 9 5/8" BIT, CSG SCRAPER & 215 JTS 2 7/8" TBG. TOH 215 JTS 2 7/8" TBG & BHA. TIH 9 5/8" OKR & 137 JTS 2 7/8" TBG. SET PKR @ 4478'. LD & PT F/4478-7006' (PBSD) TO 2000psig FOR 15 MINUTES – TEST OKAY. RLS PKR. SWI. SDFWE.

**6/25/2018:** TOH 68 JTS 2 7/8" TBG. SET PKR @ 2561'. LD TBG W/5 BBLs. PT CSG TO 2000 psig F2561' TO 7006'. PRESS F/2000' TO 1000' IN 8 MINUTES. LD TCA W/20 BBLs. PT TCA TO 2000 FOR 15 MINUTES. TST – OKAY. RLS PKR. TIH 29 JTS 2 7/8" TBG. SET PKR @ 3501'. ATT TO PT W/NO RESULTS. PKR FAILED. MOVING & RESETTING PKR W/NO RESULTS. TOH TBG & PKR. TIH 9 5/8" PKR & TBG. SET @ 3501'. PT CSG TO 2000psig FOR 15 MINUTES. TST-OKAY. MOVE PKR TO 3051'. ATT TO PT W/NO RESULTS. PKR FAILED. MOVING & RESETTING PKR W/NO RESULTS. TOH TBG & PKR. SWI. SDFN.

**6/26/2018:** TIH 9 5/8" PKR & 96 JTS 2 7/8" TBG. LD HOLE W/7BBLs. SET PKR @ 3151'. ATT TO PT CSG W/NO RESULTS. PT TCA TO 500 PSIG FOR 15 MIN. TEST-OKAY. CONT ISOLATE CSG LK. TOH TBG & PKR. W/O ENGINEER & BLM/NMOCD ECAL. SWI. SDFN.

**6/26/2018:** TROUBLE CALL: CALLED JACK SAVAGE @ BLM AND BRANDON POWELL @ OCD TO REVIEW CURRENT WELL CASING ISSUE (3411' – 3443'). BRANDON REQUESTED MORE INFORMATION INCLUDING LOGS. GEOLOGY REVIEW WILL BE DONE ON 6/27/2018. EMAIL APPROVAL RECEIVED FROM BRANDON W/OCD & JACK @ BLM TO PROCEED WO REMEDIATION, IF WE INCLUDE CASING AREA OF CONCERN TO BE A SET OF PERFORATIONS.



Marcotte 2  
30-045-29466  
Recompletion Sundry

**6/27/2018:** RECEIVED APPROVAL TO RC MV WO REMEDIATION. TIH 208 JTS. 2 7/8" TBG. ND 11" WASHINGTON HD & 11' BOP STACK. MIRU ANTELOPE SERVICES. NU TBG HANGER CONVERSION W/FALSE BOWL. INSTALL PIG IN BOWL. NU FRAC STACK. PT WH & FRAC STACK TO 5000 PSIG. TST – OKAY. RDMO ANTELOPE. SWI. SDFN.

**6/28/2018:** MIRU BASIN WLU. PERFORATE PT LOOKOUT IN 1 RUN (20 SELECT FIRE SHOTS, 1SFP, 0.43 HOLES) AS FOLLOWS: 5110', 5109', 5108', 5107', 5106', 5105', 5104', 5060', 5059', 5058', 5057', 5056', 5055', 5054', 5053', 5052', 5037', 5036', 5035', 5034'. PERFORATE MENEFE IN 1 RUN (39 SELECT FIRE SHOTS, 1SPF, 0.43 HOLES) AS FOLLOWS: 4949', 4948', 4947', 4946', 4945', 4944', 4943', 4942', 4861', 4860', 4859', 4858', 4857', 4856', 4855', 4854', 4798', 4797', 4796', 4795', 4794', 4793', 4792', 4791', 4790', 4751', 4750', 4749', 4748', 4747', 4746', 4669', 4668', 4667', 4666', 4665', 4664', 4594', 4593'. PERFORATE CLIFFHOUSE IN 1 RUN (21 SELECT FIRE SHOTS, 1SPF, 0.43 HOLES) AS FOLLOWS: 4580', 4579', 4578', 4577', 4576', 4558', 4557', 4556', 4555', 4554', 4516', 4514', 4513', 4512', 4511', 4510', 4509', 4508', 4507', 4506. Csg Lk. Isolated between 3,411' - 3,443', PART OF THE LEWIS FORMATION. OK'd by NMOCD to frac w/MV recomple (TITAN SDP-3375-311NT, 23 GM CHRGS, .43" EHD, 33.84" PENE., 80 HOLES). RDMO WLU. SWI. RDMO @ 1200hrs ON 6/28/2018. SDFH.

**7/6/2018:** RU FRAC CREW. FOAM FRAC'D MESAVERDE WITH 301,500 LBS 20/40 AND 94,535 GAL 20# LINEAR GEL AND 3.1 MILLION SCF N2. 70 QUALITY. AVG RATE = 118 BPM, AVG PSI = 1454. ISIP WAS 953 PSI (FOAM FLUSH). DROPPED 7 BIO-BALLS WITH 1/3 OF SAND PUMPED AND 15 BIO-BALLS WITH 2/3 OF SAND PUMPED (22 TOTAL). SHUT DOWN AFTER FIRST RAMP TO CHANGE OUT CHICK ON N2 STANDPIPE. RD FRAC CREW. RU FLOWBACK CREW.

**7/9/2018:** MIRU. ND FRAC TREE. NU BOP. RU SLICKLINE. TIH AND TAG FILL @ 6930' (77' ABV CMT PLUG, 820' BLW BTM PERF). TOH AND RD SLICKLINE. M/U 2 3/8" BHA AND TIH ON 160 JTS OF 2 3/8", 4.7# J-55 TBG, (EOT @ 5029', TP SN @ 5027'). LND TBG HANGER IN LOAD BEARING PIN, ADAPTER BOWL. ND BOP. NU WH. SWI. SL. SDFN.

**7/10/2018:** BRING ON AIR AND PT TBG TO 500 PSI. TEST-OKAY. RDMO @ 0930hrs ON 7/10/2018.