

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

AUG 22 2013

5. Lease Serial No.

NMNM0555078

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.

Helms Federal 1F

9. API Well No.

30-045-34049

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

Surface Unit I (NE/SE) 2610' FSL & 820' FWL, Sec. 22, T30N, R10W

10. Field and Pool or Exploratory Area

Blanco MV / Basin Dakota

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

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompletable 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 recompletable 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

AUG 30 2018

FARMINGTON FIELD OFFICE

By: _____

NMOCD

AUG 31 2018

DISTRICT III

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

8/21/2018

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)

NMOCD

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Helms Federal 1F
30-045-34049
Recomplete Sundry

7/11/2018: MIRU EXPERT SH SLU. RIH & RETR BHBS. TAG FILL @ 7341'. RDMO SLU. MIRU AWS. BD WELL. ND WH. NU & PT BOP. TST GOOD. PU & TIH 3 JTS 2-3/8" TBG. TAG @ 7383'. TOH & LD 3 JTS 2-3/8" TBG. SWI. SDFN.

7/12/2018: BD WELL. PU & TIH 3-3/4" BIT. CSG SCRAPER & 198 JTS 2-3/8 TBG & BHA. TOH & LD 20 JTS 2-3/8" TBG. CONT TOH 178 JTS 2-3/8" TBG & BHA. PU & TIH SELECT 4-1/2" CIBP. SETTING TL & 178 JTS 2-3/8" TBG. SET CIBP @ 5650'. TOH & LD 1 JT 2-3/8" TBG. CIRC CSG W/78 BBLs. PT CGS TO 2000 PSIG FOR 15" TEST – OK. TOH & LD 178 JTS 2-3/8" TBG & SETTING TL. PT & CHART CGS TO 4050 PSIG FOR 30". TST OKAY. ND TST FLING. NU WH. RDMO WELLCHECK. SWI. RDMO @ 2000hrs ON 7/12/2018.

8/7/2018: MIRU BASIN WL. RIH AND PERFORATE PT LOOKOUT IN 1 RUN (45 SELECT FIRE SHOTS, 1 SPF, 0.34 HOLES) AS FOLLOWS: 5312', 5311', 5310', 5309', 5308', 5244', 5243', 5242', 5241', 5227', 5226', 5225', 5170', 5169', 5168', 5167', 5166', 5165', 5164', 5163', 5162', 5154', 5153', 5152', 5151', 5150', 5149', 5148', 5147', 5146', 5145', 5144', 5143', 5142', 5141', 5140', 5139', 5138', 5136', 5135', 5134', 5133', 5132', 5131', 5130'. FOAM FRAC'D PT LOOKOUT WITH 152,040 LBS 40/70 AND 45,503 GAL SLICKWATER AND 1.37 MILLION SCF N2. 70 QUALITY. AVG RATE = 56 BPM, AVG PSI = 1886. ISIP WAS 200 PSI. DROPPED 10 BIO-BALLS WITH 1/2 OF SAND PUMPED. RIH AND SET FRAC PLUG @ 5070'. TEST FRAC PLUG TO 3000 PSI. DID NOT HOLD. RIH AND SET 2ND FRAC PLUG @ 5044'. TEST FRAC PLUG TO 3000 PSI. TST GOOD. PERFORATE MENEFE IN 1 RUN (45 SELECT FIRE SHOTS, 1SPF, 0.34 HOLES) AS FOLLOWS: 5030', 5029', 5028', 5027', 5026', 5025', 4986', 4985', 4984', 4983', 4958', 4857', 4956', 4955', 4954', 4926', 4925', 4924', 4923', 4922', 4921', 4908', 4907', 4906', 4905', 4850', 4849', 4848', 4847', 4846', 4845', 4844', 4843', 4776', 4775', 4774', 4773', 4738', 4737', 4736', 4735', 4734', 4733', 4732', 4731'. FOAM FRAC'D MENEFE WITH 200,560 LBS 40/70 AND 55,766 GAL SLICKWATER AND 1.92 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 2243. ISIP WAS 890 PSI. RIH AND SET CBP @ 4610'. PLUG HOLDING. RELEASE FRAC CREWS.

8/8/2018: MIRU. ND FRAC STACK AND LOAD OUT – NU 3M BOP. INST TWCV – RU WRK FLR. MY 3-7/8" JNK MILL AND TIH ON 2-3/8" TBG. BREAK CIRC W/AIR AND UNLOAD CSG @ 3050' SLICK WATER. CONT TIH – TAG CBP @ 4596' BRING ON AIR AND UNLOAD CSG. SWI. SL. SDFN.

8/9/2018: F/SWVL UP AND DRL OUT PLUGS. NO WELL PRESSURE. SWVL UP & BREAK CIRC W/AIR MIST. CL F/4596' TO 4603'. MILL CBP F/4603'. CONT TIH W/3-7/8" MILL, TAG TOP FRAC PLG @ 5035'. BREAK CIRC AND MILL PLG F/5035' TO 5037'. TIH TO SECOND FRAC PLUG @ 5140'. MILL SECOND FRAC PLUG TO 5485'. CIRC CLEAN. TOH TO 4580'. SWI. SL. SDFN.

8/10/2018: TIH F/4580' TO 5485'. SWVL UP AND BREAK CIRC W/AIR MIST. MILL PLUG DEBRIS F/5485' TO 5489' AND CO T/CIBP @ 5500'. MILL OUT CIBP TO 5503'. CLEAN OUT TO 7386'. CIRC CLEAN. TOH W/3-7/8" MILL. MU 2-3/8" BHA. TIH W/133 JTS OF 2-3/8". 4.7# J-55 PROD TBG TO 2200'. SWI. SL. SDFN.

8/11/2018: TOH W/BHA. CO EXPENDABLE CHK. TIH W/BHA. LND TBG @ 7298' AND SN @ 7296'. RD WRK FLR. ND BOP. NU WH AND TREE. PMP 2 BBLs AND DROP BALL. TST TBG TO 500 PSI W/AIR, OK. PMP 3 BBL PAD AND PMP OFF CHK W/1700 PSI. CIRC INHIB TO SURFACE. RDMO @ 1430hrs ON 7/11/2018.