

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 29 2013

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

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No. **NMSF078147**

**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.*

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.  
**MOORE C 1**

2. Name of Operator  
**Hilcorp Energy Company**

9. API Well No.  
**30-045-11797**

3a. Address  
**382 Road 3100, Aztec, NM 87410**

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

10. Field and Pool or Exploratory Area  
**BLANCO MV / BASIN DK**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface Unit P (SESE) 820' FSL & 1105' FEL, Sec. 27, T32N, R12W**

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 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

SEP 11 2018

FARMINGTON FIELD OFFICE  
By: 

NMOC  
SEP 13 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



Date

8/28/2018

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.

NMOC

Moore C 1  
Recompletion Sundry  
30-045-11797

**7/26/2018:** MIRU. BDW. ND WH. NU BOP. RU WELLCHECK. TEST BOP. TEST OKAY. RD WELLCHECK. SWI. SL. SDFN.

**7/27/2018:** BDW. RU CUTTERS WL. RIH W/FREE POINT TOOL. STOP @ 7310, @ 7200', AND 7303'. POOH W/FREE POINT. RIH W/CHEMICAL CUTTER. ATTEMPT CUT @ 7283'. POOH W/CUTTER. ATTEMPT TO FREE TBG. TBG STILL STUCK. RIH TO 7287' AND CUT TBG. TBG FREE. RD CUTTERS WL. RU TUBOSCOPE. SCAN OUT OF THE HOLE W/7287' OF 2 3/8" TBG. CONTINUE TO TOOH LAYING TBG DOWN. LEFT IN HOLE 152' OF 2 3/8" TBG. TOF @ 7276'. SWI. SL. SDFN

**7/28/2018:** RIH W/WASH PIPE, TAG @ 7235.67'. WASH PIPE STUCK, ATTEMPT TO WORK FREE, WOULD NOT FREE UP. RU POWER SWIVEL. WORKED WASH PIPE FREE. PULLED UP TO 7228'. CO TO 7251'. TOOH TO 6918'. SWI. SL. SDFN.

**7/29/2018:** TIH TO 7251'. RU POWER SWIVEL. TOOH TO 4651'. SWI. SL. SDFN.

**7/30/2018:** RU PWR SWL. ATT TO BRK CIRC W/AFU @ 7243'. TBG PLGD. RD PWR SWL. TOH TBG & LD DC'S. FOUND BTM 104' OF DC'S & JARS PLGD W/RUST. CLEAN OUT JARS. RU PWR SWL. BRK CIRC. TAG @ 7257'. MO/CO FR/7257' - 7336'. CIRC CLN. TOH ABV PERFS. SWI. SL. SDFN.

**7/31/2018:** P/U 4 JTS TO 7248'. RU PWR SWL. PU 2 JTS AND TAGGED FILL @ 7337'. WASHED OVER FISH, MULTIPLE TIGHT SPOTS @ 7343' AND 7349'. CO TO PBTD @ 7460'. CIRC HOLE CLEAN. RD PWR SWL. POOH W/TBG STRING. LD JAR AND WASHPIPE. P/U SHORT CATCH OVER SHOT. BUMPER SUB AND JAR. TIH W/TBG STRING. TAG TOP OF FISH @ 7304'. WORK OVERSHOT OVER FISH AND ENGAGE. POOH ABV PERFS W/10 STANDS. SIW. SL. SDFN.

**8/1/2018:** CONTINUE TOOH. RECOVER 156' FISH TO SURF. LD FISH AND TOOLS. PU 4 1/2" CIBP. TIH W/TBG STRING AND SET PLUG @ 7200'. CIRCULATE HOLE CLEAN F/BOTTOMS UP. PT CSG STRING. TEST FAILED. TOOH W/TBG STRING. LD CIBP SETTING TOOL. RU BASIN WELL LOGGERS. RAN CBL F/7200' TO 3100'. RD WIRELINE CREW. PU 4 1/2" COMPRESSION PACKER. TIH TO 5387'. SET PACKER. PT ABV PACKER AND FAILED. PT F/5387' TO 7200' AND PASSED. POOH TO 4018'. PT ABV PACKER AND PASSED. TIH TO 4278' PT ABV PACKER AND PASSED. TIH TO 4795' PT ABV PACKER AND FAILED. HOLE IS WITHIN 4278' AND 4795'. SIW. SL. SDFN.

**8/2/2018:** CONTINUE HOLE HUNT. NARROWED DOWN HOLES WITHIN ZONE. FIRST HOLE WAS WITHIN 4409' TO 4535' AND SECOND HOLE IS WITHIN 4535' AND 4795'. TOH W/TBG STRING. LD COMPRESSION PACKER. ND HYDRIL AND STRIPPING HEAD. NIPPLE STRIPPING HEAD BACK UP WHILE WAITING ON REG APPROVALS. RECEIVED APPROVAL TO PROCEED W/FRAC PREP. NO SQUEEZE WORK NECESSARY. TIH TO 7200'. ND BOPE. ND CSG HEAD. NU COMPLETION SPOOL. NU BOPE. SIW. SL. SDFN.

**8/2/2018: TROUBLE CALL: EMAILED BLM AND OCD TO INFORM THEM OF SUSPECTED HOLES. EMAIL PERMISSION GIVEN TO MOVE BOTTOM PERF UP TO 5270' AND PERFORM A TRACER LOG IN LIEU OF REMEDIATION.**

Moore C 1  
Recompletion Sundry  
30-045-11797

**8/3/2018:** RU BASIN WL. RIH AND SET CIBP @ 5300'. POOH. RIH W/ PERF GUN AND PERFORATE PT LOOKOUT (40 SHOTS, 0.6 SPF, 0.34 HOLES) AS FOLLOWS: 5224', 5223', 5222', 5186', 5185', 5184', 5146', 5145', 5144', 5143', 5142', 5126, 5125', 5124', 5114', 5113', 5112', 5108', 5107', 5088', 5087', 5086', 5079', 5078', 5077', 5073', 5072', 5071', 5064', 5063', 5062', 5054', 5053', 5052', 4984', 4983', 4982', 4981', 4980', 4979'. POOH RIH W/ 2ND PERF GUN. PERFORATE MENELEE UPPER (34 SHOTS, 0.6 SPF, 0.34 HOLES) AS FOLLOWS: 4935', 4934', 4933', 4932', 4931', 4930', 4929', 4928', 4927', 4926', 4925', 4924', 4890', 4889', 4888', 4887', 4886', 4885', 4884', 4873', 4872', 4871', 4870', 4832', 4831', 4830', 4829', 4928', 4827', 4826', 4778', 4777', 4776', 4775'. POOH . RD WIRELINE. SWAP TBG FLOATS. SPOT IN 2 7/8" FRAC STRING. PU PACER AND DULL MAGNUM SUB W/10K CERAMIC BURST DISC. DRIFT & PU 140 JTS OF 2 7/8" FRAC STRING. PU HANGER. SET PACKER @ 4390' WHILE LANDING FRAC STRING HANGER. PT BACKSIDE OF FRAC STRING AND PACKER. TEST GOOD. ND BOPE. NU FRAC STACK. RU WELLCHECK. PT FRAC STRING AND FRAC STACK FOR 30 MINS. – TEST GOOD. RD WELLCHECK. RU SLICK LINE UNIT. RIH AND PIERCE BURST DISC. POOH. RD SLICKLINE. RD RIG AND EQUIPMENT. SIW. SL. SDFWE.

**8/9/2018:** MIRU FRAC CREW. FOAM FRAC'D MESAVERDE WITH 300,700 LBS 20/40 AND 69,547 GAL SLICKWATER AND 2.35 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 4050. ISIP WAS 1400 PSI (FOAM FLUSH). DROPPED 15 BIO-BALLS WITH 1/2 OF SAND PUMPED. RA TRACED BY PRO-TECHNICS. RD AND RELEASE FRAC CREW. TURNED WELL OVER TO FLOWBACK CREW.

**8/11/2018:** MIRU NU BOP. TST BOP AND CHART TEST. – TEST GOOD. SL. SDFN.

**8/12/2018:** TOH AND LD 2 7/8" FRAC STRING AND PKR. MU 3 7/8" MILL AND TIH ON 2 3/8" TBG. TAG FILL @ 5183'. BREAK CIRC W/AIR MIST AND CIRC CLEAN. TOH T/4739'. SWI. SL. SDFN.

**8/13/2018:** TIH W/3.875" JUNK MILL. TAG TOP OF FILL @ 5168'. BREAK CIRC. CO 132' FILL F/5168' TO 5300'. PU & RU 2.5 POWER SWIVEL. BREAK CIRC & MILL OUT CIBP F/5300' TO 5303'. RD 2.5 POWER SWIVEL. PU & STRAP N HOLE W/2.375" TBG & PUSH BTM OF BP DOWN HOLE T/7200'. BREAK CIRC @ 7200'. RD SWIVEL. PULL STRING FLOAT. TOH W/44 – STDS TBG. PU TBG ABOVE TOP PERFS TO 4769'. SW. SDFN.

**8/14/2018:** TIH F/4769' TAG FILL @ 7188'. CO FILL TO 7200'. MILL CIBP TO 7203'. CHASE CIBP DEBRIS TO 7445'. RU SLICKLINE. PU PROTECHNICS TOOLS. RUN TRACE LOG. LD TOOLS. RD SLICKLING. SWI. SL. SDFN.

**8/15/2018: TROUBLE CALL: FILED COPY OF TRACER LOG SENT TO WILLIAM @ BLM AND BRANDON @ OCD. RECEIVED CONSENSUS THAT THE RESULTS OF THE TRACER WERE FAVORABLE FOR CONTINUING THE COMPLETION OF THE MOORE C 1, THE CMT PRESENT PREVENTED THE FRAC FROM EXTENDING PAST THE CMT AND INTO THE ZONES BELOW.**

**8/15/2018:** MU 2 3/8" PROD BHA. MU 4 1/2" RBP AND SET @ 45' ND BOP AND TBG HEAD. NU 11" 2K X7" 2K TBG HEAD AND PT SEALS. PT OKAY. NU BOP. RELEASE AND RETRIEVE RBP. CONT TIH W/234 2 3/8", 4.7# N-80 PROD TBG. TAG FILL @ 7396'. BREAK CIRC W/AIR AND CO TO PBTD @ 7446'. CIRC CLEAN. LD EXCESS TBG AND LND TBG, EOT @ 7298' AND SN @ 7296'. RD WRK FLR. ND BOP. NU WH AND TREE. PUMP 2 BBL FW AND DRP BALL. TST TBG T/500 PSI W/AIR. PUMP 3 BBL PAD. CIRC INHIBITOR TO SURFACE. RDMO @ 2130hrs ON 8/15/2018.