

RECEIVED

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 20105. Lease Serial No. **NMSF077833A**
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

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

Surface Unit N (SE/SW) 830' FSL & 1840' FWL, Sec. 29, T30N, R09W

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

8. Well Name and No.

Mansfield 11

9. API Well No.

30-045-20992

10. Field and Pool or Exploratory Area

Blanco Mesaverde/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 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.)

3/4/2019 - MIRU BWD 102. ND WH, NU BOPE. RU FLOOR. PT RAMS. PULL AND LD TBG HANGER. TOOH LD TBG. SWI. SDFN.**3/5/2019 - FINISH LD PROD TBG. PU 3 7/8" STRING MILL W/ BIT, TIH W/ TBG TO 6850'. TOOH, LD MILL. SWI. SDFN.**

3/6/2019 - CHECK WHP, SICP 150. PU CIBP, SETTING TOOL, & COMPRESSION SET PKR. RIH AND SET CIBP @ 6848, SET PKR @ 6830, PT CIBP. RELEASE PKR. CIRC HOLE CLEAN, PT TO 1000 PSI ON CASING. POH WITH PKR 104 STAND, LOAD HOLE. ND STRIPPER HEAD. NU E-LINE LOGGING FLANGE. RU E-LINE. RIH WITH CBL/GR/CL. SENT OFF CBL/GR/CL TO OPS ENG, TO PICK BOTTOM PERF & SQZ HOLE, WITH ALL PARTIES APPROVALS WOO. HEC ENGINEER SENT BRANDON POWELL, NMOC, CBL AND IT WAS APPROVED TO PERF @ 5070' AND 5710', 3930' AND 4030' FOR SQZ JOB. RU PERF GUN PREP TO RIH. PERF LOWER SQUEEZE HOLES AT 5,107' AND 5,070'. ND E-LINE FLANGE. NU STRIPPING HEAD. PU PKR RIH TO 2368.63. SWI. SDFN.

(continued on next page)

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

Priscilla ShortyTitle **Operations/Regulatory Technician - Sr.**

Signature

Date **5/8/2019**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

MAY 22 2019

Date

FARMINGTON FIELD OFFICE
BY: 

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.

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

5

3/7/2019 - CHECK WHP, VACCUM BH 8 PSI. FINISH RIH, CIRC HOLE, SET PKR @ 5097. PUMP SQZ TEST. RELEASE PKR AND POH. SPOT & RU CMT EQUIP. RIH WITH 4-1/2 CMT RETAINER AND SET @5133. RU CMT LINE STING OUT. MIX 13.6 BBL CLASS G CMT, YIELD 1.18, WT 15.6, 65 SK TOTAL & PUMP 17.8 BBL BEHIND CMT. RETURN 1.5 BBL GOOD CMT, TOTAL BBL REVERSED 29BBL. POH, LD SETTING TOOL. ND STRIPPING HEAD. NU E-LINE FLANGE. RU E-LINE RIH CORRELATE DEPTH UPPER DV TOOL. PERF UPPER SQZ ZONE 3930 & 4030. POH RD E-LINE. ND E-LINE FLANGE. NU STRIPPER HEAD. PU COMPRESSION PKR. RIH AND CIRC HOLE. SET PKR @ 3955, PUMP SQZ PERF TEST. RELEASE PKR. POH LD PKR. PU CMT RETAINER, RIH AND SET CMT RETAINER @ 3988. MIX 13.6 BBL CLASS G CMT YIELD 1.18, WT 15.6, 65 SK TOTAL & PUMP 13.4 BBL BEHIND CMT STING INTO CMT RETAINER. POH WITH SETTING TOOL. SWI. SDFN.

3/9/2019 - CHECK WHP 0 SICP, BH 8. PU MILL, BS, COLLAR RIH TAG @ 3517. PU SWIVEL. START DRILL OUT, TAG UP RETAINER @ 3988 D/O TO 4003. CIRC HOLE CLEAN. RD SWIVEL. POH. SWI. SDFN.

3/10/2019 - CHECK WHP 0 SCIP, 0 BH. RIH TAG @ 4003, RIH & PU SWIVEL. PT 500 MONITOR 5 MIN (HELD) FINISH D/O TOP SQZ DROP OUT @ 4039. CIRC CLEAN, PT 500 MONITOR 5 MIN (HELD) RIH & TAG CMT @ 5014. DRILL TO 5144 BELOW CICR, PT, 500 MONITOR 5 MIN (HELD). FINISH D/O DROP OUT 5176, RIH CIRC CLEAN. PT 500 PSI MONITOR 10 MIN (HELD). POH. SWI. SDFN.

3/11/2019 - CHECK WHP 0 SCIP, 0 BH. RU E-LINE RUN PULL CBVL/GR/CL LOG. **HEC ENGINEER SENT BRANDON POWELL, NMOCD, POST SQUEEZE CBL FOR REVIEW. DETERMINED RECOMPLETE PROJECT IS APPROVED TO MORE FORWARD WITH COA TO FRAC WITH AN ISOTOPE TRACER AND PERFORM A POST JOB TRACER LOG.** RU TEST EQUIPMENT. **PERFORM MIT WITH NMOCD & BLM ON LOCATION. MIT FAILED. LOST 60 PSI IN 10 MIN, CHECK TEST UNIT FOR LEAK OFF TEST UNIT HELD. 2ND MIT FAILED. LOST 60 PSI IN 20 MIN. SD MIT TEST. RIH WITH PKR TO HUNT HOLE. SET PKR @ 4053. HUNT HOLE, PSI UP ON ANNULUS 4053 TO SURFACE. 580 MONITOR. LEAK 20 PSI 5 MIN. RU ON TBG PT FROM 4053 TO 6848. FIX LEAKS @ SURFACE. PSI TEST LOWER SQZ, LOSE 20 PSI OVER 35 MINS. RELEASE PSI MOVE PKR UP HOLE TO 3988. PSI TEST LOWER SQZ, PLUS BOTTOM HOLE UPPER SQZ, LOSE 10 PSI IN 10 MIN. RU TO ANNULUS PSI TEST. LOSE 20 PSI IN 5 MIN. RELEASE PKR & POH. PU CIBP ON END OF PKR, RIH & SET @ 4089. PSI TEST CIBP 1100 PSI MONITOR 5 MIN. PU MULE SHOE RIH. SWI. SDFN.**

3/12/2019 - RU CMT EQUIP. MIX AND PUMP BLOCK CMT SQUEEZE IN PERF HOLES 3930' TO 4030'. EST CIRC. BATCH MIX AND PUMP 19 SACKS 4.5 BBLs TYPE III CMT 14.6#. HESITATE CMT SQUEEZE. RD CMT EQUIP. WOC. SWI. SDFN.

3/13/2019 - PU 3-3/4" JUNK MILL AND TIH. TAG CMT AT 3807'. PU POWER SWIVEL. EST CIRC. DRILL 273' OF CMT 3807' TO 4080'. CIRC CLEAN. PT CSG FROM 4090' TO SURFACE WITH RIG PUMP. TEST TO 550 PSI FOR 30 MINUTES. GOOD TEST. DRILL CIBP AT 4090'. TIH TO 5050' CHASING CIBP. SWI SDFN.

3/14/2019 - RU WELLCHECK AND RUN MIT FROM 6848' TO SURFACE. **CHARTED 560 PSI FOR 30 MIN. GOOD TEST. JONATHON KELLY WITH NMOCD WITNESSED TEST.** TIH AND LD DRILL COLLARS. PU CIBP AND PACKER. TIH AND SET CIBP AT 4980'. SET PACKER AT 4969'. PT CIBP TO 1000 PSI, GOOD TEST. TOOHD LD TBG. SWI. SDFN.

3/15/2019 - ND BOPE. ND AND CHANGE OUT WH. STUB UP 4 1/2" CASING. NU WH. PT HEAD TO 2000 PSI. GOOD TEST. NU AND TEST BOPE. **PERFORATE POINT LOOKOUT FROM 4778' - 4912' / 45 SHOTS, 4912', 4911', 4910', 4906', 4905', 4904', 4903', 4894', 4893', 4892', 4872', 4871', 4870', 4869', 4868', 4848', 4847', 4846', 4845', 4844', 4843', 4842', 4830', 4829', 4828', 4819', 4818', 4817', 4816', 4815', 4804', 4803', 4802', 4801', 4800', 4799', 4798', 4797', 4796', 4795', 4794', 4781', 4780', 4779', 4778'.** RIH W/ FRAC PLUG AND SET AT 4675'. RIH W/ PACKER AND DUAL DISC SUB. SET AT 4090' TOP AND 4100' BOTTOM. SWI. SDFN.

3/16/2019 - PU ANCHOR LATCH SEAL ASSEMBLY AND TIH PICKING UP 2 7/8" FRAC STRING. LATCH INTO PACKER, UNSEAT SEAL ASSEMBLY AND SPACE OUT TBG. LATCH INTO PACKER AND LAND TBG HANGER. SET TBG IN 10K

COMPRESSION AT 4098'. LAND TBG AS FOLLOWS: 4- 2 7/8" X 28.00' L-80 PUP JOINTS. 1- 2 7/8" X .75' XO SUB, 130- 2 7/8" X 4064.65' TBG 6.5# RTS-8, 1- 2 7/8" X .1.78' XO SUB, 1- 4 1/2" X 1.36' OPTIMA PBR SEAL ASSEMBLY, 1- 4 1/2" X 1.80 OPTIMA CAST IRON PACKER, 1- 2 7/8" X 6.01 P-110 PUP JOINT, 1- 2 7/8" X 1.27 MAGNUM 10K DUAL BURST SUB. EOT @ 4098'. PACKER @ 4098'. DUAL DISC @ 4105'. FRAC PLUG @ 4675'. TOP FERF @ 4778'. CIBP @ 4980'. RD FLOOR, ND BOPE. NU FRAC VALVE. PT ANNULAS TO 500 PSI, GOOD TEST. RU WELLCHECK. PT FRAC STRING AND FRAC STACK TO 8100 PSI. GOOD TEST. RU EXPERT AND RUPTURE CERAMIC DISC AT 4105'. RD RR BWD 102 AT 18:00 HOURS.

3/29/2019 – HEC ENGINEER SENT BRANDON POWELL, NMOC, A WRITTEN SUMMARY OF THE FRAC PLANS BASED ON POST SQZ CBL RESULTS, REQUIREMENT OF TRACER IN THE FRAC, AND TO SUBMIT TRACER LOG ON THE PROJECT IS COMPLETED.

4/22/2019 – BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT WITH 142,100 LBS 40/70 AND 37,706 GAL SLICKWATER AND 1.11 MILLION SCF N2. 70 QUALITY. ATTEMPT TO RIH WITH PERF GUN, COULD NOT GET PAST 610'. POOH AND BREAK GUN IN HALF. RIH AND COULD NOT GET PAST 610'. POOH AND REMOVE GREASE HEAD. PERFORATE CLIFFHOUSE / MENEFFEE IN 3 RUNS (45 THROUGH TBG SHOTS) AS FOLLOWS: 4571', 4570', 4569', 4474', 4473', 4472', 4471', 4338', 4337', 4336', 4328', 4327', 4326', 4325', 4324', 4323', 4322', 4310', 4309', 4308', 4286', 4285', 4284', 4254', 4253', 4252', 4249', 4248', 4247', 4236', 4235', 4234', 4233', 4232', 4231', 4230', 4216', 4215', 4214', 4199', 4198', 4197', 4192', 4191', 4190'. BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE / MENEFFEE WITH 232,500 LBS 40/70 AND 57,231 GAL SLICKWATER AND 1.70 MILLION SCF N2. 70 QUALITY. RD AND RELEASE CREWS. TURN WELL OVER TO FLOWBACK.

4/25/2019 – MIRU AWS 753. CASING 0 PSI, TUBING 320 PSI. BD TBG. INSTALL TWC. ND FRAC STAC & NU BOP ACC TEST, PT BLINDS (HELD). RU FLOOR & TONGS, RELEASE LOCKDOWN PIN WORK TBG. PULL HANGER, INSTALL STRIPPING RUBBER WORK. TBG UNABLE TO PULL THROUGH RUBBER, PULL RUBBER. LD PUP JNT, XO. SWI. SDFN.

4/26/2019 - CHECK WHP, SICP 300, SITP 320, BH 0. INSTALL STRIPPING RUBBER, POH LD 2-7/8 TBG 130 JNT BOTH TOP& BOTTOM, XO GAILED 8RD SIDE. PU COLLAR & SWAP OUT FLOATS. RIH WITH 2 3/8 J-55 TBG, RUNNING TALLY, TAG @ 4099 WITH 120 JNT & D/O BHA. PU SWIVEL, PT AIR FOAM, BREAK CIRC. CIRC CLEAN. RD SWIVEL LD 1 JNT POH 8 STAND EOS @3610. SWI. SDFN.

4/27/2019 - CHECK WHP, SICP 580, SITP 120, BH 0. POH WITH 59.5 STAND & COLLAR. PUMP 30 BBL KILL SHOE HAD NO CUT RIGHT LEFT ON IT. PU NEW SHOE RIH WITH COLLARS & 59.5 STAND. RU SWIVEL ON JNT, PU SWIVEL, BREAK CIRC WITH AIR/FOAM. SPINNING ON SOMETHING, NO METAL RETURNS, AND ONLY MADE 1 FT RD SWIVEL, POH. PU BIT SUB, & 3 7/8 4 BLADE JUNK MILL. RIH WITH COLLAR & 59.5 STAND. PU SWIVEL. BREAK CIRC WITH AIR/FOAM. MILL FOR 2.5 HR, SMALL AMOUNT OF METAL RETURNS, MADE 8" CIRC CLEAN RD SWIVEL, POH 8 STAND , EOT 3595. SWI SDFN.

4/28/2019 - CHECK WHP, SICP 580, SITP 0, BH 0. RU WITH 8 STAND, RU SWIVEL, BREAK CIRC WITH AIR/FOAM. START MILLING ON OPTIMA PKR. PU JNT TAG 14' IN ON JNT 135. PUSH PKR TO 4579, LD 2 JNT RD SWIVEL. PU SPEAR, BUMPER SUB, JARS, COLLAR RIH WITH 135 JNT. PU SWIVEL. TAG FISH@ 4580. WORK SPEAR IN. PU NO OVER PULL 5 ATTEMPT ON PU NO INDICATION OF CATCH LAST EFFORT SET DOWN & POH RD SWIVEL, LD 2 JNT, POH WITH 66.5 STANDS, & COLLARS NO PKR BOTTOM ON SPEAR PU 3 7/8 METAL MUNCH MILL & COLLARS RIH 30 STAND. SWI. SDFN.

4/29/2019 - CHECK WHP, SICP 420, SITP 60, BH 0. RUN IN 30 STANDS, RU SWIVEL, BREAK CIRC WITH AIR/FOAM UNIT. START MILL ON OPTIMA PKR. DROP THROUGH PU 30 JNT TOTAL 135 TAG 14 FT IN ON JNT 135. PUSH PKR TO 4579', MILL PACKER. PU AND WORKED PIPE DUE TO CIRC RETURNS. FULL CIRC RETURNS WERE EST AND CONT TO MILL AHEAD. TOO 17 STANDS TO 4141', NEEDED TO CIRC BOTTOMS UP. SWI SDFN.

4/30/2019 - CHECK WHP, SICP 360, SITP 60, BH 0. START EQUIP, TIH FROM 4141' TO 4695', PU AND TAG FISH/PLUG. BUMP CIBP AT 4980' AND BEGAN MILLING ON IT. MILLED PLUG AND PU JNTS FROM FLOAT TO TAG CIBP. TAGGED FILL AT 6775'. NATURAL FLOW WELL. BEGIN TO CO FILL AT 6775'. TAGGED CIBP PLUG AT 6848' AND MILLED ON IT. IN THE PROCESS OF MILLING CIBP, SWIVEL HOSE BEGAN LEAKING HYDRAULIC FLUID. NOTIFIED AD SUPERVISOR AND R/D SWIVEL. TOO H TO 4141'. SWI. SDFN.

5/1/2019 - CHECK WHP, SICP 360, SITP 100 PSI, BH 0. TIH 38 STANDS TO ABOVE CIBP 6,817', P/U SWIVEL. R/U SWIVEL, REPAIR SWIVEL PACKING. CIRC WELL. TOO H, WELL FLOWED AT COLLARS, PUMPED WATER, KILLED WELL, L/D B.H.A. PU EXP CK, SN, I JT OF TBG, MARKER. TIH/ DRIFT TBG TO 5500'. SWI. SDFN.

5/2/2019 - CHECK WHP, SICP 360, SITP 100 PSI, BH 0. RIH 30 STANDS. **LAND 216 JNTS 2-3/8" 4.7# J-55 TBG, SN @ 7064', EOT 7065'.** RD FLOOR & TONG, ND BOP, NU FLOW TREE, RU AIRFOAM UNIT PUMP 3 BBL DROP BALL, PUMP 5 BBL, WAIT 10 MINUTES, PSI UP TO 500 MONITOR FOR 5 MINUTE, FINISH PUMPING TO 1020 PSI DROP TO 800 SHUT DOWN, BD TUBING & CASING, LOWER DERRICK, RD SERVICE UNIT, SWI, RD FLOWLINE, LOAD EQUIP. RD RR AWS 753 @ 12:00 HRS.

HILCORP
0 BAYWATER 102
LEASE # SE 071833-A

test passed 3/14/2019
Graphical
Jelly MWD



CHART NO. MC MP-1000-1HR

METER WELLHEAD
OF FARMINGTON

CHART PUT ON

M

TAKEN OFF

M

LOCATION

MANFIELD #11

REMARKS

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