

OIL CONS. DIV DIST. 3

UNITED STATES

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 01 2017

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

DEC 06 2017

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.

SF-080673

6. Applicant 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.

SAN JUAN 27-4 UNIT

8. Well Name and No.

San Juan 27-4 Unit 55

2. Name of Operator

Hilcorp Energy Company

9. API Well No.

30-039-20321

3a. Address

PO Box 4700, Farmington, NM 87499

3b. Phone No. (include area code)

505-599-3400

10. Field and Pool or Exploratory Area

Blanco Mesaverde/Basin Dakota

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

Surface Unit G (SWNE), 1700' FNL & 1750' FEL, Sec. 5, T27N, R4W

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

☐ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☒ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☒ Recomplete

☐ Other

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Final Abandonment Notice

☐ Convert to Injection

☐ Plug Back

☐ 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

DEC 05 2017

FARMINGTON FIELD OFFICE

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

Etta Trujillo

Title Operations/Regulatory Technician - Sr.

Signature

Date

11-30-17

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.

NMOCDA

**SAN JUAN 27-4 UNIT #55 (Recomplete)**

**API 3003920321**

**Blanco MV/Basin DK**

9/22/17 - MIRU. CK PRESSURES. N/D WH. N/U BOP. TEST BOP. TOO H W/2-3/8" TBG. SIW. SDFWE.

9/25/17 - TIH W/4-1/2" SCRAPER TO 6525'. TOO H W/SCRAPER. TIH W/4-1/2" CIBP AND SET AT 6525'. TOO H. R/U WL. PRTST CSG TO 1000 PSI. NO TEST. R/D WL. PRTST CSG TO 1000 PSI. NO TEST. POSSIBLE WH LEAK. SIW. SDON.

9/26/17 - LOAD CASING W/ 3.5 BBL AND TEST (NO TEST). RUN CBL FROM CIBP @ 6,525' TO SURFACE (TOC @ 4,730'). PICK UP TENSION PKR AND SET AT 255', PT FAILED. TEST TBG ANNULUS, LEAK AT THE BOTTOM OF TBG HEAD (80 PSI/MIN). TIH W/ PACKER TO 3,099' CIRC'D UP 4.5"X 7" ANNULUS. TIH TO 4,152', CIRC'D UP TBG ANNULUS. SAME RESULT AT 4,708', 4,769', 5,637', AND 6,502'. SUSPECT HOLE IN TBG OR FAILED PKR. TOO H W/ PKR AND INSPECT (LOOKS GOOD). SDON.

9/27/17 - TIH W/ PKR TO 2175', TEST TBG - FAILED, LOOK FOR HOLES IN TBG, START LD TBG STRING TO REPLACE WITH NEW. SDON.

9/28/17 - TOO H W/TBG. ND BOP. WELD ON 4-1/2" CSG STUB. NU 5K TBG HEAD. NU BOP. PU PKR AND 1 TBG JT, TIH TO 30', AND TEST WHD TO 800 PSI - GOOD TEST. SDON.

9/29/17 - TIH PKR ON TBG SET @ 5011'. TEST CSG F/5011' T/6525' @ 1950# FOR 15 MINS. GOOD TEST. RLS PKR AND SET @ 4206'. TEST CSG F/4206' T/6525' AT 1000 PSI FOR 5 MIN. GOOD TEST. RLS PKR AND SET @ 4022'. TEST TBG/CSG TO 1050 PSI FOR 5 MIN. GOOD TEST. RLS PKR AND SET @ 4053'. TEST TBG/CSG. NO TEST. **NOTIFIED WILLIAM TAMBEKOU (BLM) AND CHARLIE PERRIN (OCD) - REQUEST PERMISSION TO SQZ HOLES IN 4-1/2" CSG @ 4022' - 4206'. VERBAL APPROVAL RECEIVED.** SDON.

10/2/17 - TOO H W/ PKR. TIH W/ 4 1/2" CIRC TO 3985'. LOAD CSG W/16 BBLS. PT & CIRC 380 PSI @ 2 BPM UP 7" ANNULUS. RU HALLIBURTON. PUMP 60 SX CLASS G NEAT W/ 2% CACL2. DISPLACE W/ 15.4BBLS. STING OUT. REVERSE TBG CLEAN W/ 20.0BBLS. TOO H W/ STINGER. TIH W/3 7/8" TWISTER BIT 30 STANDS. SIW. SDON.

10/3/17 - TIH & TAG CIRC @ 3985'. SWIVEL UP. D/O TO 4108' AND FALL OUT OF CMT. TEST CSG. (FAILED: 0.85BPM @ 600PSI RATE). TOO H W/ 3 7/8" BIT. TIH OPEN ENDED TO 4261.42'. MIX AND PUMP 25.5SX CLASS G NEAT W/ 2% CACL2 AS BALANCED PLUG. PULL ABOVE CMT AND REVERSE TBG CLEAN. HESITATE SQZ GAINING 1.0 BBLS. SIW W/ 800PSI. SDON.

10/4/2017 - TIH W/ 3 7/8" BIT & TAG TOC @ 3981'. SWIVEL UP AND D/O CEMENT TO 4251'. ATTEMPT TO TEST CSG. (TEST FAILED, 600PSI TO 250PSI IN 15 MIN). SWIVEL DOWN & TOO H W/ BIT. SIW. SDON.

10/5/2017 - TIH W/4 1/2" TENSION PKR AND SET @ 4100'. ATTEMPT TO TEST CSG. (TEST FAIL AFTER MULTIPLE ATTEMPTS, 570PSI TO 380PSI IN 5 MIN). FOUND SLOW LEAKS BTW 4205' TO 4051'. TOO H W/ PKR. TIH OPEN ENDED TO 4228'. READY LOC FOR SQZ TOMORROW. SIW. SDON.

10/6/2017 - RU CMT EQUIP. SPOT BALANCED PLUG F/4228' T/3920'. MIX AND PUMP 30 SX, ULTRA FINE GROUT @ 12.5PPG/0.92 YIELD W/1.3 LBS HR5 RETARDER. (5.04 GPS, 4.9BBLS SLURRY). DISPLACE W/14.5 BBLS AS A BALANCED PLUG. PULL OUT OF CMT AND REVERSE TBG CLEAN. SIW AND REGULATE PRESSURE @ 800PSI. SEC LOC. WOC OVER WKND.

10/9/2017 - TOO H W/ OPEN ENDED TBG. TIH W/ 3 7/8" BIT & TAG TOC @ 4047'. SWIVEL UP AND DRILL OUT CMT. SIW AND TEST CSG TO 640PSI. (TEST GOOD, NO BLEED OFF). TOO H W/ BIT. RU WL AND RUN CBL F/5150' T/3000'. TIH W/ 4 1/2" CSG SCRAPER TO 5067'. TOO H W/CSG SCRAPER. LOAD CSG W/ H2O. SIW. SDON.

10/10/2017 - WAIT ON NMOCD REP. NMOCD REP THOMAS VERMERSCH WITNESSED MIT TEST CSG TO 555PSI. (TEST GOOD). **PERF'D POINT LOOKOUT AND LOWER MENEFFEE w/.34" diam.-1SPF @ 6192', 6187', 6140', 6138', 6136', 6096', 6094' 6060', 6056', 6054', 6040', 6038', 6028', 6026', 6024', 6020', 6016', 6012', 6004', 5998', 5886', 5884', 5882',**

**5878', 5874' = 25 HOLES.** TIH W/ 2 7/8" L-80 FRAC STRING W/ STANDING VALVE IN, SPACE OUT AND LAND @ 5020'. RD RIG FLOOR / 2 7/8" HANDLING TOOLS. ND BOP STACK. NU FRAC STACK. PRESSURE TEST STRING AND STACK TO 9000PSI. (TEST GOOD). ATTEMPT TO PULL STANDING VALVE. JARRING ON STANDING VALVE). SIW. SDON.

10/11/2017 - N/D FRAC STACK, N/U BOP, UNSET PKR AND PULL FRAC STRING. RETRIEVE STANDING VALVE AND ~800' OF SAND LINE. RE-RUN FRAC STRING WITH R-NIPPLE ABOVE PKR. SET PKR, LAND FRAC STRING, N/D BOP, N/U FRAC STACK. TEST FRAC STRING AND STACK TO 9,000 PSI FOR 15 MINS. R/U COBRA SLICKLINE, RIH AND LATCH ONTO AND RETRIEVE R-PLUG. RD COBRA SLICKLINE. PREP TO MOVE.

11/3/2017 – MOVE IN AND SPOT HALLIBURTON FRAC AND BASIN WIRELINE EQUIPMENT. RIG UP. SDFN.

11/4/2017 - PRIME & TEST FLUID LINES, TESTED TO 9,800 PSI (GOOD). PRESSURE BACKSIDE OF FRAC STRING TO 200 PSI (BLED OFF), RE-PRESSURE BACKSIDE (BLED OFF), OPEN FRAC VALVE, PUMP DOWN FRAC STRING AT 2 BPM. COMMUNICATING TO BACKSIDE. R/D AND RELEASE CREWS.

11/7/2017 –RIG UP. BDW. N/D FRAC STACK. ATTEMPT TO PT 2 7/8" - 4 1/2" ANNULUS. PRESSURE UP TO 500 PSI AND PRESSURE BLEED OFF TO 0 PSI IN 1 MIN. ANNULUS COMMUNICATING TO FRAC STRING. UNSET PKR. MOVE PKR UP HOLE 30'. ATTEMPT TO SET PKR. UNABLE TO SET PKR. N/U BOP. R/U FLOOR. FUNCTION TEST BOP. PT BOP (GOOD). TOH W/ 2 7/8" TBG. L/D PKR. RUN "R" NIPPLE TO TOWN. SET AND PT PLUG IN "R" NIPPLE. SISW. DEBRIEFED CREW, SDFN.

11/8/2017 - BDW. P/U NEW PKR AND "R" NIPPLE. TIH W/ 2 7/8" FRAC STRING. LAND FRAC STRING. R/D FLOOR. N/D BOP. PULL HANGER. SET PKR W/ 5K TENSION. LAND FRAC STRING. LOAD AND PT 2 7/8" TO 4 1/2" ANNULUS TO 500 PSI (GOOD). BDW. N/U FRAC STACK. LOAD AND PT FRAC STRING TO 7000 PSI FOR 10 MIN (GOOD). RAISED PT TO 9000 PSI FOR 5 MIN (GOOD). R/U SLKL. RETRIEVE "R" PLUG. R/D SLKL. EST INJ RT DOWN FRAC STRING OF 6 BPM AT 1400 PSI (NO COMMUNICATION IN 2 7/8" TO 4 1/2" ANNULUS). R/D RIG AND EQUIPMENT. PREP FOR RIG MOVE IN THE MORNING. JOB COMPLETE.

11/9/2017 - MIRU BASIN WIRELINE CREW. DISMANTLE, MOVE AND RECONSTRUCT WELLHEAD PLATFORM, MIRU HALLIBURTON FRAC CREW. SDFN.

11/10/2017 - FRAC STAGE 1 - **ACIDIZED WELL WITH 500 GAL 15% HCL. FOAM FRAC'D POINT LOOKOUT / LOWER MENEFEES WITH 4,970 LBS 100 MESH AND 120,710 LBS 40/70 ARIZONA. 43,323 GAL SLICKWATER (HES - HI VIS) AND 1.61 MILLION SCF N2. 69 QUALITY. AVG RATE = 46 BPM, AVG PSI = 7,531. TRACED WITH PRO-TECHNICS...RA AND GAS TRACERS.** WAIT ON INFLATABLE PKR. BLEED OFF BACKSIDE, RELEASE FRAC CREW.

11/11/2017 - RIG UP BASIN WIRELINE, RIH WITH SINKER BARS TO 5,880', POOH. RIH AND SET CEMENT BASKET @ 5841', POOH. RIH WITH DUMP BAILER AND RELEASE 16/30 CARBO PROP, POOH. WIRE BROKE IN BAILER...RE-LOAD AND RE-RUN 16/30 CARBO PROP, POOH. MAKE 2 MORE BAILER RUNS TO PLACE 10' OF CEMENT ON TOP OF BASKET. SISW.

11/12/2017 - R/U BASIN WIRELINE. TAG CMT PLUG W/ SINKER BARS AT 5,825'. BLEED WELL DOWN, PLUG HOLDING. LOAD THE HOLE WITH FLUID. **PERF'D CLIFF HOUSE (UPPER & MASSIVE) / MENEFEES, 6 FPS, 60 deg PHASING, 0.13", 144 HOLES, TOP 5608' – BOTTOM 5792'.** PRIME & TEST. OPEN WH AND DO ACID JOB ON PERFS. APPLY 200 PSI TO BACKSIDE OF FRAC STRING. FRAC STAGE 2 - **ACIDIZED WELL WITH 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE / UPPER MENEFEES WITH 4,110 LBS 100 MESH AND 107,430 LBS 40/70 ARIZONA. 40,378 GAL SLICKWATER (HES - HI VIS) AND 1.22 MILLION SCF N2. 69 QUALITY. AVG RATE = 40 BPM, AVG PSI = 6,994. TRACED WITH PRO-TECHNICS...RA AND GAS TRACERS.** SHUT WELL IN WITH 1,500 PSI. R/D AND RELEASE CREWS.

11/13/2017 - R/U MSCI FLOWBACK CREW. OPEN WELL TO FB TANK ON 3/4" CHOKE AT AVG PSI = 237. WELL RETURNED 275 BBLS OF FLUID TODAY. SDFN.

11/14/2017 – OPEN WELL TO FB TANK ON 3/4" CHOKE AT AVG PSI = 261. MADE 96 BBLS OF WATER. INCREASE CHOKE TO 1" AT AVG PSI = 150. MADE 22 BBLS OF WATER. SDFN.

11/15/2017 - 800 PSI ON TUBING. OPEN WELL ON 1" CHOKE AT 150 PSI UNTIL 14:00. SHUT WELL IN AT 600 PSI. CLIFFHOUSE MADE 40 BBL OF WATER TODAY. R/U SLICKLINE, RUN 2.25" GR TO R NIPPLE, POOH. RIH & SET R PLUG IN NIPPLE, POOH. BLOW DOWN TUBING (PLUG HOLDING). RELEASE CREWS.

11/16/2017 – MIRU. SPOT ALL EQUIPMENT. RU CLOSE LOOP. ND FRAC STACK. PULL HANGER AND STRIP ON BOP STACK. RU RIG FLOOR / 2 7/8" HANDLING TOOLS. RELEASE PKR. (NO FLOW ON WELL). PULL UP AND RE-LAND HANGER. CHART TEST BOP STACK. (LOW 250PSI / HIGH 2500PSI TEST GOOD). TOO H W/ 25 JNTS. SIW. SECURE LOCATION. SDFN.

11/17/2017 - BLEED DOWN WELL. (WELL FLOWING @ 350 PSI THROUGH 1.5" CHOKE). COLLECT GAS SAMPLES. TOO H W/ FRAC STRING / LD PKR. MU 3 3/4" TWISTER BIT. TIH TO 3000'. FLOW TEST MV @ 16:00 HRS. SIW. SECURE LOCATION. SDFN.

11/18/2017 – (SICP-700PSI, SITP-0PSI) TIH AND TAG TOP OF CMT PLUG @ 6025'. (PLUG SLID DOWN DURING FRAC FROM 5814'). DRILL OUT F/6025' T/ 6213' (D/O CMT PLUG @ 6062'). DRY UP WELL. TOO H TO 5389'. SIW. SECURE LOCATION. SDFN.

11/19/2017 - TIH TO 5800'. MONITOR FLOW TEST ON OPEN MENEFEE PERFS. TIH. TAG TOP OF FILL @ 6230'. TIE BACK / SWIVEL UP. C/O SAND TO CIBP. D/O CIBP @ 6525'. TIH TO 6646'. TOO H 7 STANDS AND REMOVE STRING FLOAT. TIH / PU TBG TO 8000'. SIW. SECURE LOCATION. SDFN.

11/20/2017 TIH AND TAG 5' FILL @ 8257' (PBTD @ 8262'). TOO H W/BIT. KILL WELL. ND BOP. NU WL LUBRICATOR. RUN SPECTRALOG FOR TRACERS. RD WL. NU BOP. SIW. SECURE LOCATION. SDFN.

11/21/2017 – KILL WELL 20BBLs. TAG 35' OF FILL @ 8227'. SWIVEL UP. TEST TBG AND PUMP CHECK. UNLOAD WELL. D/O TO 8248'. SIW. SECURE LOCATION. SDFN.

11/22/2017 – TIH, TAG 24' OF FILL @ 8238' (10' OF FILL OVERNIGHT, PBTD @ 8262'). ADJUST LANDING DEPTH & LAND EOT @ 8185' (TOP OF SN @ 8183') w/260 jts 2-3/8", 4.70#, J-55. RD 2-3/8" HANDLING TOOLS / RD RIG FLOOR. ND BOP STACK. NU WH. RD UNIT AND EQUIPMENT. MOVE ALL EQUIPMENT OFF LOCATION. SECURE LOCATION. SDON. RELEASE UNIT.

**Well now a MV/DK commingle per DHC 3783AZ**