

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.*5. Lease Serial No.  
NMSF078460

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
SAN JUAN 32-7 UNIT 609. API Well No.  
30-045-23688-00-C210. Field and Pool or Exploratory Area  
BLANCO MV / BASIN DAKOTA11. County or Parish, State  
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
HILCORP ENERGY COMPANYContact: AMANDA WALKER  
E-Mail: mwalker@hilcorp.com3a. Address  
1111 TRAVIS STREET  
HOUSTON, TX 770023b. Phone No. (include area code)  
Ph: 505-324-5122

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

Sec 20 T32N R7W NENE 0900FNL 0830FEL  
36.970322 N Lat, 107.583633 W Lon**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"/> Hydraulic Fracturing	<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 recomplete 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 recompletion 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.

San Juan 32-7 Unit 60  
30-045-23688  
Lease: NMSF078460  
Blanco Mesaverde  
Recomplete Subsequent

NMOCD

AUG 27 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #479114 verified by the BLM Well Information System  
For HILCORP ENERGY COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JOHN HOFFMAN on 08/19/2019 (19JH0132SE)

Name (Printed/Typed) AMANDA WALKER

Title OPERATIONS REGULATORY TECH

Signature (Electronic Submission)

Date 08/19/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JOHN HOFFMAN

Title PETROLEUM ENGINEER

Date 08/19/2019

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 Farmington

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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San Juan 32-7 Unit 60  
30-045-23688  
Lease: NMSF078460  
Recomplete Subsequent

**6/5/2019:** (CSG 350 PSI, TBG 320 PSI) BDW. MIRU. ND TREE & WH. NU BOP & PRTS RAMS T/1350 PSI, TST OK. RU WRK FLR & TBG HNDLNG EQUIP. UNLND TBG - RU SCANNER. SCAN OOH W/2-3/8" PROD TBG F/7980'. SWI SL. SDFN.

**6/6/2019:** (CSG 210 PSI) BDW. MU 3-7/8" BIT & 4-1/2" CSG SCRAPER. TOH W/B & S F/7900'. LD B & S. M/U 4-1/2" CIBP & TIH ON 2-3/8" WRK STRNG T/7880'. SET CIBP. LD 1 JNT. DISPLACE HOLE W/TREATED FW. PRTS CIBP & 4-1/2" CSG T/2000 PSI. TOH W/2-3/8" TBG & RUN TOOL. TOP UP HOLE - SWI.

**6/7/2019:** NO WELL PRESSURE AS CIBP SET ABOVE PERFS. RU TESTER. PERFORM MIT ON 4-1/2" CSG T/586 PSI F/30 MIN, GOOD TEST (WITNESSED BY JONATHAN KELLY OF NMOC). RU E-LINE. RUN CBL F/7870' T/SURFACE. RD E-LINE. TIH W/4-1/2" CIBP ON 2-3/8" WRK STRNG T/6050'. SET CIBP @ 6050'. RELEASE RUN TOOL. PRTS CIBP T/2000 PSI, OK. TOH W/RUN TOOL & L/D TBG. TIH W/48 EXCESS JNTS OF TBG & L/D SAME. SWI SL. SDFN.

**6/8/2019:** NO WELL PRESSURE. RD WRK FLR & TBG EQUIP. ND BOP. PRTS SEALS T/2600 PSI. NU FRAC STACK. PRTS FRAC STACK, WH & 4-1/2" CSG T/3800 PSI. R/D RIG & EQUIP.

**7/9/2019:** RU WL. RIH CORRELATE DEPTH & PERF POINT LOOKOUT (1 SPF, 0.34, 50 SHOTS) 5674-5680, 5686-5692, 5703-5707, 5713-5717, 5733-5737, 5762-5766, 5776-5780, 5802-5804, 5811, 5813, 5971-5975. FOAM FRAC PER DESIGN, PUMP 70% Q FOAM FRAC W/268.514# 40/70 SAND FORMATION BROKE @ 1547, MAX PSI 2902 AVG PSI 2222. MAX BH RATE, 57.2 BPM AVG BH RATE 55.3., BPM ISIP750 SIPS 440, TOTAL N2, 2173234 SCF TOTAL BBL 1563. WELL SHUT IN, SI, PREP FOR 2ND STAGE RIH SET FBP @ 5650 PERF MENEFFEE/CLIFFHOUSE (1 SPF, 0.34 HOLES, 40 SHOTS) INTERVAL 5383-5388, 5469-5473, 5797-5498, 5524-5528, 5550-5552, 5558-5562, 5573-5579, 5593-5599. FOAM FRAC PER DESIGN, PUMP 70% Q FOAM FRAC W/204,066# 40/70 SAND FORMATION BROKE @ 3146. MAX PSI 3357 AVG PSI 2359, MAX BH RATE, 56.4 BPM AVG BH RATE 55.2, BPM ISIP825 SI PSI 590. TOTAL N2, 1609017SCF TOTAL BBL 1153, 5M- 750, 10M - 680, 15M- 630 20M 590. PU CBP RIH CORRLATE, & SET CBP @ 5100 WLM. POH RD FRAC EQUIP & E-LINE EQUIP.

**7/18/2019:** MIRU. ND FRAC STACK. NU BOPE. RU WC. SET TEST PLUG & PT BLIND & PIPE RAMS. 300 PSI LOW AND 1600 PSI HIGH FOR 10 MINUTES EACH, GOOD TEST. PU JUNK MILL & TIH PU 157 JOINTS OF 2 3/8" TBG. TAG FRAC PLUG.

**7/19/2019:** EST CIRC W/AIR MIST, 1300 CFM AIR WITH 15 BBLS H2O, 1 GAL OF FOAMER, 1 GAL INHIB PER HOUR. DRILL CBP #1 @ 5104'. TIH PICKING UP 18 JOINTS OF TBG. DRILL CBP #2 @ 5654'. TIH PICKING UP 12 JOINTS OF TBG, TAG SAND & PLUG PARTS @ 6009'. CO 53' TO PLUG #3 @ 6062'. CIRC W/AIR MIST 1300 CFM AIR W/7 BBLS H2O, 1 GAL FOAMER, 1 GAL CORROSION INHIB PER HOUR. DRILL PLUG #3 @ 6062'. CIRC W/AIR MIST 1300 CFM AIR W/15 BBLS H2O, 1 GAL FOAMER, 1 GAL CORROSION INHIB PER HOUR. HANG BACK SWIVEL, TOO H 16 STANDS T/5084'. SIW SL.

**7/20/2019:** CHECK FLOWING PRESSURE FLOWING 15 PSI W/2 - 3" LINES OPEN. BDW. TIH W/ 16 STANDS OF TBG, CONT TIH PICKING UP 57 JOINTS 2 3/8" TBG. TAG PLUG #4 @ 7873'. UNLOAD H2O F/WELL W/AIR. EST CIRC W/AIR MIST, 1300 CFM AIR WITH 6 BBLS H2O, 1 GAL OF FOAMER, 1 GAL INHIB PER HOUR. DRILL PLUG #4 @ 7873'. CIRC W/AIR MIST 1300 CFM AIR W/15 BBLS H2O, 1 GAL FOAMER, 1 GAL CORROSION INHIB PER HOUR. SIW SL.

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**7/21/2019:** CHECK FLOWING PRESSURE FLOWING 12 PSI WITH 2 - 3" LINES OPEN. BDW. PU MILL & TIH W/TBG. PU POWER SWIVEL. DRILL PLUG #4 @ 7873'. CIRC W/AIR MIST 1300 CFM AIR W/15 BBLs H<sub>2</sub>O, 1 GAL FOAMER 1 GAL CORROSION INHIB PER HOUR. CONT IN HOLE PICKING UP 5 JOINTS OF TBG. TAG 20' OF FILL @ 7986'. CO 7986' T/8006' PBD. CIRC WELL CLEAN. RD SWIVEL. TOOH W/JUNK MILL. PU BHA & TIH 252 JTS 2-3/8" 4.7# J-55 TBG. EOT @ 7927', SN @ 7926', PBD @ 8006'. SIW SL.

**7/22/2019:** ND BOPE. NU WH. PUMP 5 BBL PAD. DROP BALL PT TBG TO 500 PSI, GOOD TEST. PUMP OFF EXPENDABLE CHECK @ 825 PSI, 8 GALS OF CORROSION INHIBITOR USED IN PAD TO PUMP EXPENDABLE.

RDRR @ 10:00 HOURS.



Hilcorp  
AWS 840  
API# 30-045-23628

