

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

NMOCD

MAY 14 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. **NMSF-078640**

6. Indian, Allottee or Tribe Name

DISTRICT III 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 28-7 Unit**

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

8. Well Name and No. **San Juan 28-7 Unit 155**

3a. Address **PO Box 4700, Farmington, NM 87499**

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

9. API Well No. **30-039-20430**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface Unit K (NESW) 1650' FSL & 1650' FWL, Sec. 22, T27N, R07W

10. Field and Pool or Exploratory Area **Blanco PC S. / Blanco MV / Basin DK**

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			
<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 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.)

2/13/18 MIRU. Kill well, ND Tree & NU BOP. Test BOP, Test-OK. Release packer @ 4,135'. Secure well & SDFD.

2/14/18 RU Tuboscope. Scan tbg, tbg parted. Secure well & SDFD.

2/15/2018 PU 2-3/8" 10 Rod coupling, strap & PU tbg to 3,348' (TOF). Attempt to screw onto fish w/ coupling. Unable to engage fish. TOH. PU short catch overshot & TIH. Unable to engage fish. TOH. PU spear & bumper sub and TIH. Unable to engage fish. TOH. Secure well & SDFD.

2/16/2018 PU spear & TIH to 3,348' (TOF). Engage fish & TOH. Recovered packer. PU short catch overshot & TIH. Engage fish. Overshot slipped off fish. TOH. TIH, work overshot over fish. TOH. Fish dropped out with 9 stands in hole. PU overshot & estension & TIH. Engage fish & TOH. Recovered fish (131 jnts 2-3/8" tbg, seating nipple & muleshoe). Secure well & SDFD.

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

Title **Operations/Regulatory Technician - Sr.**

Signature *Christine Brock*

Date **5/1/2018**

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.

NMOCD

2/17/2018 LD tbg (fish). TIH to 3,400'. Strap & PU tbg to 6,000". TOH. PU CIBP & TIH to 5,751'. **Set CIBP @ 5,751'**. Sting out & pull 1 std. Secure well & SDFD.

2/18/2018 RU Basin Wireline & Run CBL from 5751' to 3093'. PU packer & TIH, pkr tagged @ 3353'. Work stuck pkr. Production pkr stuck @ 3352'. Secure well & SDFD.

2/19/2018 RU Jet west wireline. Freepoint & cut tbg @ 3336'. RD WL. TOH w/ tbg. PU Fishing tools & DC, TIH w/ tbg. Latch top of fish, jar on fish. TOH. Secure well & SDFD.

2/20/2018 TOH w/ tbg & DC. PU fishing tools, TIH w/ tbg. Added 3' extension to overshot. Latch fish, jar on pkr. TOH, Tbg parted 6' below original cut @ 3343'. Replace overshot & TIH. Latch fish, jar on pkr. TOH, tbg parted, recovered 3' piece of tbg. New Fish top @ 3350'. Secure well & SDFD. Reported stuck fish to OCD (Brandon Powell) and BLM on 2/21 (William Tamekou). Requested permission to move off well and return w/in 90 days to continue work. Rcv'd verbal approval from OCD & BLM, submitted a Sundry for plan of operation 2/21/18.

2/21/2018 TIH & LD excess tbg. TIH & LD DC & Fishing tools. PU BHA & TIH w/ production tbg. RD, RR @ 18:00 hrs.

4/5/2018 MIRU Baywater 104 @ 06:00. N/D WH, NU BOP. PT BOP, Test-Good. Pull Tbg hanger. TOH. Shut in & secure well, SDFD.

4/6/2018 RU 3" line to BD tank. MU 3 7/8" WO Shoe & BHA. TIH & Tag TOF @ 3345'. Mill on pkr assembly from 3345' to 3346.50'. TOH w/ WOS. Shut in & secure well, SDFD. Submitted CBL and requested permission to perf @ 4833'-5460' w/ BLM (William Tambekou) and OCD (Brandon Powell), recv'd verbal approval from both agencies.

4/7/2018 M/U WOS & TIH, tag fish @ 3346.5'. Wash over fish from 3346.5' to 3347'. TOH w/ WOS to 2934'. Secure well and SDFD.

4/8/2018 TIH from 2934' – Tag fish @ 3347'. Continue attempt to WO fish. TOH w/ WOS recovered parted tbg stub & 2 pieces of the unloader body. M/U WOS & TIH. WO fish from 3347' to 3347.7. TOH. Shut in & secure well, SDFD.

4/9/2018 PU WOS. TIH w/ Collars & tbg. PU power swivel. Est circ w/ 18 bbls/hr water, 1gal soap, 1 gal Cl. Wash over fish from 3348' to 3349.5. TOH w/ tbg & collars. L/D WOS. Shut in & secure well, SDFD.

4/10/2108 PU WOS, TIH w/ DC & tbg. PU power swivel, Est circ w/ 18 bbl/hr water, 1 gal soap, 1 gal Cl. Wash over fish from 3349.5' to 3350.5'. Circulating pressure from 650 psi to 1050 psi. TOH w/ tbg & collars. L/D WOS. Shut in & Secure well, SDFD.

4/11/2018 P/U WOS. TIH w/ DC & tbg. P/U power swivel. Est circ w/ 18 bbls/hr water, 1 gal soap, 1 gal Cl. Wash over fish rom 3350' to 3350.5'. Fell through, ream through area. No drag or torque seen. Run 2 singles with swivel. TIH. Tag at 5686'. Work shoe over fish. Est 65' sand fill above CIBP. CBP top @ 5751'. TOOH, Stand back collars, L/D WOS. P/U overshot. TIH w/ DC & tbg. Engage fish at 5686'. TOH w/ tbg. P/U overshot. TIH w/ tbg. P/U power swivel. KI Air/Mist. Engage fish at 5674'. TOH w/ tbg. Fish hung up at 5642'. Jarred on fish to free up. TOH. KI air/Mist. Unload & clean out sand above fish. Shut in & secure well, SDFD.

4/12/2018 Finish POH w/ fishing BHA – Recovered fish. M/U 3 7/8" tricone bit & RIH on 3 7/8" string mill & TIH. Rotate & clean from 3340' to 3383'. Continue to TIH to 5700'. Shut in & secure well, SDFD.

4/13/2018 Continue to TOH. L/D Sting Mill. P/U pkr, TIH. Shut in & secure well, SDFD.

4/14/2018 Continue to TIH w/ pkr & tbg. **Set packer @ 5500'**. Load tbg, PT CIBP to 1500 psi. Lost pressure at 1300 psi. TIH & tag CIBP @ 5751'. L/D jt. **Set packer @ 5720'**. PT CIBP. Test failed. Unset pkr. TOH w/ tbg & pkr. L/D pkr. R/U basin WRLN. RIH & set **CBP @ 5500'**. POOH. P/U pkr & TIH w/ tbg. Set pkr @ 5461'. PT CBP @ 5500' to 1500 psi. Test-Good. Unset pkr. L/D tbg & pkr. TIH & L/D DC. R/U Basin WRLN. **Perforate PT Lookout** from 5262'-5460' w/ 21 holes, .34" dia, 3 1/8" HSC Gun, 1spf @ 5262', 5265', 5268', 5271', 5274', 5278', 5281', 5287', 5300', 5304', 5308', 5333', 5338', 5358', 5361', 5378', 5384', 5387', 5454', 5457', 5460'. **Perforate Menefee** from 4833'-5199' w/ 22 holes, .34 dia, 3 1/8" HSC Gun, 1 spf @ 4833', 4836', 4869', 4872', 4938', 4946', 4949', 4954', 5005', 5007', 5020', 5023', 5071', 5075', 5095', 5098', 5116', 5118', 5186', 5192', 5196', 5199'. R/D WRLN. Shut in & secure well, SDFD.

4/16/2018 P/U 4 1/2" frac pkr. Tally & P/U tbg. Set packer & tang tubing. Packer set @ 4263'. N/U completion spool. N/U frac stack. PT frac string & frac stack to 8000 psi for 30 min. Test-Good. R/U Expert Slickline. RIH & shear rupture disk. POOH. RIH & latch XN Plug. POOH. R/D unit. RR @ 19:30.

4/18/2018 MIRU Drake Energy Services. Tested lines. Test – Good. Acidize MV zone with 1500 gals 15% HCL & 90 Bio balls. Flushed with 2730 gals water. Shut in & secured well, SDFD.

4/20/2018 MIRU Halliburton. Tested frac & N2 lines to 9500 psi. Test – Good. **Frac PT Lookout & Menefee** w/ 109,100 gals of 70Q & 111,400 gals of 65Q water frac G 20# Foam@ 20 20 bpm. Ran 20 bio balls & 50 lbs bio vert, 292,500 lbs 20/40 AZ sand w/ sandwedge max additive. Traced sand stages w/ scandium-46 & Iridium-192. 2,976,288 scf N2 30 bbls flush. Shut in & secure well. RD release frac & N2 equipment. MI RU Ranger flowback Services. Begin blowback operation overnight.

4/22/2018 MIRU, N/U frac stack, N/U BOP. PT BOP to 250 psi for 5 min & 1500 psi for 10 min. Test-Good. Release 4 1/2" pkr. TOH & L/D 2 7/8" frac string. Tbg & pkr. M/U 3 3/4" jnk mill & TIH on 2 3/8" tbg to 2581'. Shut in & secure well. SDFD.

4/23/2018 Continue P/U tbg. Tag fill @ 3740' (1760' of fill). KI w/ air. Clean out fill from 3740'-4060'. Broke through sand bridge. P/U tbg. Clean out sand bridge to 4449'. Dry up tbg. L/D swivel. TOH w/ tbg. Turn well over to flowback crew. Flow back overnight.

4/24/2018 TIH from 2900' & tag up @ 5343' (157' fill). PU swivel. Break circ w/ air-mist. TI from above MV perfs & tag fill @ 5293' PU swivel & break cir w/ air-mist. Clean out sand fill from 5293' to 5472'. Drill out CBP @ 5472'. Continue in hole & Tag CIBP @ 5751'. Drill out CIBP. Hole clean @ 5765'. Hang swivel & PU to 2900'. Secure well & SDFD.

4/25/2018 TIH from above PC perfs. PU tbg, tag & drill out bridge plug @ 6760'. P/U tbg. Tag fill on bottom @ 7372'. P/U swivel & break cir w/ air-mist. Clean out hard fill from 7372' to 7530'. Circulated until clean. LD tbg, hang swivel & POOH w/ bit & tbg. Secure well & SDFD.

4/26/2018 TOH to 2800'. Drift tbg. P/U RBP, pump 20 bbls to kill well & set RBP @ 45'. ND & set out frac spool. BU BOP. Blow down well & pull RBP. TIH drifting tbg. Tag fill @ 7306'. Circ with air-mist. Clean out from 7306' to 7530' (PBTD). Blow well, making from 1 1/2 -2 cups sand. Flow well. Secure well SDFD.

4/27/2018 TIH to 7402' (128' Fill). Est circ w/ air-mist and clean out to 7530'. Cir well, making from 1/4 to 1 cup sand. Flow well, making from 1 cup of sand to 1T of sand. LD tbg & **land 228 jts 2 3/8", 4.7# J-55, EUE tbg @ 7408' and seat nipple @ 7407'**. ND BOP, NU WH. Pump 5 bbls water & drop ball. PT tbg to 500 psi. Test –Good. RD RR @ 20:00 hrs.

This well is currently producing as a PC/MV/DK with an approved Test Allowable C-104 & is waiting on RC C-104 approval.

Well is now a PC/MV/DK commingled per DHC-2513-A