

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMSF078284

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891000439A8. Well Name and No.  
SAN JUAN 29-6 UNIT 759. API Well No.  
30-039-07579-00-S110. Field and Pool or Exploratory Area  
BASIN DAKOTA11. County or Parish, State  
RIO ARRIBA 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: ETTA TRUJILLO  
E-Mail: ettrujillo@hilcorp.com3a. Address  
1111 TRAVIS STREET  
HOUSTON, TX 770023b. Phone No. (include area code)  
Ph: 5053245161

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

Sec 23 T29N R6W SENE 2200FNL 1190FEL  
36.712204 N Lat, 107.426773 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 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.

See attached.

NMOCD

SEP 05 2019

DISTRICT III

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

**Electronic Submission #481673 verified by the BLM Well Information System  
For HILCORP ENERGY COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JOE KILLINS on 09/04/2019 (19MB0275S)**

Name (Printed/Typed) ETTA TRUJILLO

Title OPERATIONS REGULATORY TECH SR

Signature (Electronic Submission)

Date 09/03/2019

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

Approved By

**ACCEPTED**JOE KILLINS  
Title ENGINEER

Date 09/04/2019

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 \*\***

AV

2



7/31/2019 – (SITP-140psi, SICP-200psi, SIBH-0psi) MIRU. ND B-2. NU BOP stack. PT. Test good. Tag 20' of fill @ 8070'. TIH w/3-7/8" csg scraper to 7960'. TOOH. SIW. SDFN.

8/1/2019 – (SITP-0psi, SICP-100psi, SIBH-0psi) TIH w/4-1/2" CIBP, set @ 7935'. Load wellbore w/120bbls wtr, PT to 560psi/30mins. Test good. RU WL. **Run CBL from 7935' to surface. Received verbal approval from Brandon Powell (OCD) and Joe Killins (BLM) to sqz perf.** TIH 3-1/8" perf gun w/2SPF 1' gun, shoot sqz perf @ 6035'. RD WL. Pump into sqz holes from surface w/rig pump @ 3bbls per min 100psi. SIW. SDFN.

8/2/2019 – (SITP-0psi, SICP-0psi, SIBH-0psi) TIH w/4-1/2" CR to set @ 6000'. Pump 5bbls fresh wtr. **Mix & pump 200sx 1.15yd 15.8PPG 41bbl cmt sqz @ 1.5bbls per min. displace 23bbls water 550psi on sqz at end of displacement.** Trip setting tool out of well. TIH w/3-7/8" junk mill to 5000'. SIW. SDFN.

8/5/2019 – (SITP-0psi, SICP-0psi, SIBH-0psi) TIH to CR @ 6000'. Break circ. Drill out CR. DO cmt down to 6038'. Power swivel. TIH to CIBP @ 7935'. PT to 560psi/20mins. Test good. TOOH w/mill. RU WL. **Run CBL from 7935' to surface.** SIW. SDFN.

8/6/2019 – (SITP-0psi, SICP-0psi, SIBH-0psi) **Received CBL approval from Brandon Powell (OCD) and Joe Killins (BLM).** TIH w/4-1/2" CIBP set @ 6065'. PT 560psi/20mins. Test good. ND BOP. NU frac head. NU & test BOP. RU WL. TIH w/3-1/8" ISPF .34 hole dia. **1<sup>st</sup> run - shoot hole @ 5969', misfire. Pull out of hole/check gun. 2<sup>nd</sup> run - shoot holes @ 5968', 5947', 5943', 5933', 5932', 5919', 5918', 5905', 5904', 5903', 5894', 5893', 5888', fail to shoot remaining 7 shots. Pull out/check gun. 3<sup>rd</sup> run - shoot holes @ 5887', 5886', 5880', 5879', 5878', 5869', 5868', SDFN.**

8/7/2019 – (SITP-0psi, SICP-0psi, SIBH-0psi) RU WL. TIH w/3-1/8" ISPF .34 hole dia **1<sup>st</sup> run - shoot holes @ 5867', 5866', 5858', 5857', 5841', 5840', 5839', 5805', 5804', 5803', 5787', 5768', 5767', 5766', 5754', 5751', 5750', 5740', 5725', 5703', 5702'. 2<sup>nd</sup> run - shoot holes @ 5701', 5650', 5643', 5629', 5628', 5611', 5594', 5589', 5588', 5587', 5568', 5558', 5547', 5538', 5527', 5515', 5514', 5513', 5496', 5495', 5494'. 3<sup>rd</sup> run- shoot holes @ 5493', 5492', 5491', 5486', 5485', 5479', 5478', 5469', 5468', 5443', 5438', 5437', 5435', 5434', 5430', 5429'. Land frac string @ 5345', set AS1-X pkr in 17K compression. Load backside w/pkr fluid. ND BOP. NU 4-1/2 10K frac valve. PT 4-1/2" csg to pkr to 560psi/30mins. Test good. SDFN.**

8/8/2019 – (SITP-0psi, SICP-0psi, SIBH-0psi) PT frac string. Failed. ND frac valve. Replace tbh hanger. NU frac valve. Re-test 4-1/2" csg to 560psi/30mins. Test good. PT frac string to 9000psi/30mins. Test good. RIH w/sandline, punchout mag disc, verify tbh on vacuum. RD.

8/19/2019 – RU. Cool down. Prime test. **Foam frac'd (Mesaverde) w/300,360# 40/70 sand & 81,130gal slickwater & 3.14 million SCF N2. 70Q, Avg rate=50BPM, Avg psi = 6112.** Dropped 20 bio-balls during 1PPA stage & 19 bio-balls during 1.5PPA. RD.

8/21/2019 – (SITP-250psi, SICP-0psi, SIBH-0psi) RU. Kill tbh w/20bbls wtr. Install chk in tbh hanger. ND frac stack. NU BOP. Test BOP. Test good. LD frac string/packer. TIH w/3-7/8" junk mill to 4000'. Secure well. SD.

8/22/2019 – (SITP-0psi, SICP-20psi (choke), SIBH-0psi) Cont TIH & tagged 80' of sand @ 5985'. Power swivel. PU mill up above perfs @ 5429'. FB ¼ cup sand. Trip mill back down to fill @ 5985'. Circ w/air mist. C/O fill down to CIBP @ 6065'. Circ back ½ cup sand. PU above perfs @ 5429'. SIW. SDFN.

8/23/2019 - (SITP-0psi, SICP-420psi, SIBH-0psi) TIH, tag 2' of fill @ 6063'. Power swivel. Circ w/air mist. D/O 4-1/2" CIBP @ 6065'. Tagged 8' above CIBP @ 7931'. D/O remainder of CIBP @ 6065'. D/O CIBP @ 7935'. Tagged 25' above PBTD @ 7965'. D/O remainder of CIBP. Clean out to PBTD @ 8090'. Circ. PU. SIW. SDFN.

8/24/2019 - (SITP-0psi, SICP-400psi, SIBH-0psi) Tag 10' of fill @ 8080'. C/O fill to PBTD @ 8090'. Circ 2hrs w/trace of sand. Repeat. Trace of san. PU. SIW. SDFN.

8/25/2019<sup>2019</sup> – TIH. Tag PBTD @ 8090', no fill. **TIH & land 246jts 2-3/8" 4.7# J-55 @ 8032', SN @ 8031'.** ND BOP. NU WH. RD. Rig released.

**Well is now producing as MesaVerde/Dakota commingle under DHC 4901 / R-20506**