

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMSF079051

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
891001051B

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
SAN JUAN 28-6 UNIT 186

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: ETTA TRUJILLO
E-Mail: ettrujillo@hilcorp.com

9. API Well No.
30-039-20582-00-S1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 505.324.5161

10. Field and Pool or Exploratory Area
BASIN DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T27N R6W SENE 1525FNL 0970FEL
36.605957 N Lat, 107.501114 W Lon

11. County or Parish, State
RIO ARRIBA COUNTY, NM

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input checked="" type="checkbox"/> Recomplete
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<input type="checkbox"/> Temporarily Abandon
	<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.

See attached.

NMOCD
AUG 12 2019
DISTRICT III

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

**Electronic Submission #474985 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 08/07/2019 (19JK0117SE)**

Name (Printed/Typed) ETTA TRUJILLO	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 07/24/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOE KILLINS Title ENGINEER	Date 08/07/2019
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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 ****

NMOCD

5/31/2019 – (SICP-180psi, SITP-150psi, SIBH-0psi, SIIP-0psi) RU Unit. ND WH. NU BOP stack. PT BOP. Test good. TIH tagged 18' of fill @ 7648'. TIH 3-7/8" csg scraper & bit to 6000'. TOOH w/csg scraper. SIW. SDFN.

6/1/2019 - (SICP-130psi, SITP- 0psi, SIBH-0psi, SIIP-0psi) TIH w/4-1/2" CIBP & set @ 5900'. PT csg to 560# for 10mins. Test good. ND BOPE, ND Tbg. NU 5K. Load INT w/6bbls pkr fluid. PT csg to 4000# for 15mins. Test good. ND 5K. NU night cap. RD. SIW. SDFN.

6/8/2019 – (SICP-0psi, SITP-0psi, SIBH-0psi, SIIP-0psi) RU WL. TIH w/4-1/2" composite bridge plug. Tagged existing CIBP @ 5900'. PU, set plug @ 5820'. RD WL. Load with 100bbls wtr. PT 4-1/2" w/frac stack to 4000# for 15mins. Test good. SIW. SDFN

6/13/2019 – RU WL. RIH and Perf'd (Point Lookout / Lower Menefee) 2 runs, .34" DIA, 37shots @ 5561', 5560', 5509', 5508', 5505', 5504', 5498', 5497', 5479', 5473', 5472', 5466', 5465', 5444', 5442', 5436', 5419', 5401', 5400', 5397', 5393', 5368', 5367', 5336', 5331', 5330', 5325', 5317', 5310', 5241', 5240', 5228', 5212', 5211', 5161', 5160', 5155'. Prime. Cool Down. Test. Attempt to frac stage 1. Pumped acid & started pad. Backside pressure increased from 35psi to 1678psi in 14mins. Overflushed w/150bbls & SD. RD. RU. ND Frac stack. NU BOP. PT BOP to 1000#. Test good. PU 4-1/2" RBP & test pkr. TIH to 608', set RBP @ 608'. Load hole w/3bbls fresh wtr. PT 4-1/2" csg F/608' T/surface w/600#. Bled off in 30secs. SW. SDFN.

6/14/2019 - (SICP-500psi, SIBH-0psi) TIH w/4-1/2" RBP & test Pkr to 5100'. Set RBP @ 5100' and Pkr @ 5090'. Load hole w/70bbls fresh wtr. Circ out. PT RBP @ 5100' to 600#. Test good. PT 4-1/2" csg F/5100' T/surf to 600#. Lost 420# in 5mins. Rel pkr. PU to 625' & set pkr. PT F/625 T/surf. Lost 600# in 7secs. INT csg press up to 240#. PT down tbg F/625' T/5100' to 600#. Lost 400# in 5mins. Re-set pkr @ 32'. Press up to 600# & bled off through 7" INT test port. Lost 600# in 3secs. ND BOP & tbg head to check csg slips. 4-1/2" csg stub has holes in weld. Csg slips top plate has a hole on the btm outside edge. Spear into 4-1/2" csg. Pull 65k OSW to 90K w/no movement. Weld on csg stub & top plate. NU tbg head & BOP stack. TIH w/4-1/2" pkr & set @ 32'. PT WH to 600# lost 10# in 5mins, 2000# lost 250# in 7mins. PT below pkr @ 32' to 5100' w/600#, lost 300# in 5mins. Rel/LD tension pkr. SDFN.

6/18/2019 - (SICP-0psi, SIBH-0psi) Load hole w/12bbls wtr. PU tension pkr and set @ 6'. PT WH T/600#, lost 20# in 15mins. Reset pkr @ 3'. PT WH T/580# F/30mins, lost 20# in 15mins, press leveled off @ 560# for 15mins. Rel pkr set @ 791'. PT csg F/791' T/5100' to 580#, lost 380# in 3mins. TIH set pkr @ 2608' (TOC @ 2530'). PT down tbg & test csg F/2608' T/5100' (RBP) to 460#, lost 400# in 4mins. RU & PT backside F/2608' T/surf to 600#. Held 600# for 30mins. Rel pkr. TIH & set pkr @ 3906'. PT down tbg F/3906' T/5100' to 480#, lost 400# in 4mins. PT backside to 600#. Test good. TIH & set pkr @ 4552'. PT F/4552' T/5100' to 650#, lost 550# in 3mins. PT F/5072' T/5100' (RBP) to 670# for 15mins. Test good. PT down tbg F/5100' to 650#, lost 400# in 2mins. TIH w/tbg set pkr @ 4942'. PT down tbg F/4942' T/5100' to 660#. Test good. Set pkr @ 4878'. PT F/4878' T/5100' to 720#, lost 520# in 3mins. Set pkr @ 4910'. PT down tbg to 720# for 15mins. Test good. Reset pkr @ 4878' PT backside F/4878' T/surf to 620#, lost 3# in 30mins. Csg leak isolated F/4878' T/4910'. Report findings to BLM (Jim Lovato) and NMOC (Brandon Powell); received verbal approval to proceed with frac, no MIT needed. Rel pkr. TOH w/tension pkr. SIW. SDFN.

6/19/2019 - (SICP-0psi, SITP-0psi, SIBH-0psi) TIH w/retrieving head. Engage 4-1/2" RBP @ 5100'. Rel RBP. TOOH. RU WL Perf'd (Cliff House / Upper Menefee) 2 runs, .34 DIA, 45 shots @ 5062', 5061', 5052', 5035', 5023', 5013', 4997', 4996', 4995', 4986', 4967', 4966', 4965', 4962', 4958', 4949', 4948', 4947', 4944', 4939', 4938', 4937', 4927', 4926', 4925', 4922', 4921', 4898', 4897', 4894', 4893', 4892', 4886', 4885', 4876', 4875', 4874', 4873', 4868', 4867', 4844', 4841', 4837', 4836', 4835'. RD WL. TIH land frac string @ 4783.86', set 1-X pkr in 18k compression, load back side w/pkr fluid. ND BOP. NU 10K frac valve. PT frac string. Good test. SIW. SDFN.

6/20/2019 - (SICP-0psi, SITP-0psi, SIBH-0psi) RU slickline. TIH & knockout ceramic discs. RD slickline. RD RR.

7/10/2019 – RU frac crew. Cool down. Prime. Test lines. Foam frac'd Mesaverde in 1stage w/292,560# 40/70 sand & 78,897gal slickwater & 2.91 million SCF N2. 70Q. avg rate = 49 BPM, avg PSI = 6888. Dropped 20 bio-balls during 1PPA stage & 19 bio-balls during 1.5 PPA (39 total). RD.

7/11/2019 – Kill tbg w/30bbls FW. MU pup jt into hgr & rel pkr. TOH/LD 2-7/8" frac string pkr. Kill well w/30bbls FW treated w/biocide. TIH w/3-7/8" junk mill. Tag @ 5766', PU to 4709'. SIW. SDFN.

7/14/2019 - (SICP-540psi, SITP-0psi, SIBH-0psi, SINT-0psi) Mill @ 4709'. TIH & tag @ 5766'. RU PS. Circ w/1100 CFM & 10 BPH mist @ 580#. CO 54' of fill 5766' to 5820' Last sand sample 2 TBSP. Mill out CIBP @ 5820'. Pump 2-3bbl sweeps & circ out. Last sand sample ¼ cup. Tag @ 5900'. Establish circ w/1100 CFM air & 14 BPH mist @ 580#. Mill out CIBP @ 5900'. TIH tag @ 7626'. Very light sand. Mill @ 4709'. SIW. SDFN.

7/15/2019 - (SICP-480psi, SITP-0psi, SIBH-0psi, SINT-0psi) Cont mill @ 4709'. Tag @ 7622'. RU PS. Establish circ. Mill remainder of CIBP @ 7622'. CO fill to PBTD @ 7666'. Last sand sample TBSP. TOH w/junk mill. SIW. SDFN.

7/16/2019 - (SICP-460psi, SIBH-0psi, SIINT-0psi) Kill well w/30bbls wtr. Set RBP @ 60' for isolation. TOH w/retrieving head. ND BOP & tbg head. NU Prod tbg & BOPE. Function test BOPE. PT 1000# 10min no leak off. PT rams, no leak off. Latch RBP. Release/TOH w/RBP. Tag fill @ 7656'. CO fill to PBTD. Sand ret's TBSP or less. Circ air only. TIH & Land 231 jnts 2-3/8" tbg @ 7579', SN @ 7578', 4.70# J-55. ND BOP stack. NU WH. SIW. RD. Release Rig.

Well is now producing as MesaVerde/Dakota commingle under DHC 4882 / R# 20500