

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 12/13/18
Well information:

HILCORP ENERGY COMPANY, SAN JUAN 28 7 UNIT #155, API# 30-039-20430

Application Type:

P&A Drilling/Casing Change Location Change

Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

Other:

Conditions of Approval:

- A revised completion report and C-104 is required to show the leaking intervals from 4386'-4450' and 4660'-4710' as MV perforations as requested.

NMOCD Approved by Signature

1/3/19
Date

NMOCD

DEC 20 2018

DISTRICT III

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
DEC 13 2018
Albuquerque Field Office
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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF-078640
2. Name of Operator Hilcorp Energy Company		6. If Indian, Allottee or Tribe Name
3a. Address 382 Road 3100, Aztec, NM 87410	3b. Phone No. (include area code) 505-599-3400	7. If Unit of CA/Agreement, Name and/or No. San Juan 28-7 Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit K (NESW) 1650' FSL & 1650' FWL, Sec. 22, T27N, R07W		8. Well Name and No. San Juan 28-7 Unit 155
		9. API Well No. 30-039-20430
		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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	MIT
	<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 recomplate 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.)

NMOCD directive to run a Casing Integrity log and perform a MIT on csg from 3143' - 4783'.

11/29/2018 MIRU AWS.

11/30/2018 BDW. NDT, NU BOPE. PT BOPE, test good. Pull tbg hngr. TOOH tbg, TIH w/ 3-7/8" OD junk mill to 4870' for guage run. TOOH w/ junk mill. SIW, SDFD.

12/1/2018 BDW. TIH & set RBP @ 4785', TOOH w/ RH. TIH & set tension pkr @ 4744'. PT RBP to 600# / 20 min, test good. Rel pkr @ 4744' & pull up hole, set pkr @ 3124'. PT csg, csg didn't test. Isolate bottom of csg leak @ 4710', TOOH w/ pkr. SIW & SDFD.

12/3/2018 BDW. TIH w/ RH & pkr, set pkr @ 4742'. PT csg 4742' to RBP @ 4785' to 550#/20 min, test good. Rel pkr @ 4742'. TIH & latch RBP @ 4785', Rel RBP. PU & set RBP @ 4660', TOOH w/ Pkr & RH. TIH w/ tension pkr to 2346'. SIW, SDFD.

continue on page 2.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Christine Brock		Title Operations/Regulatory Technician - Sr.
Signature <i>Christine Brock</i>		Date <i>12/13/18</i>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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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.

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

12/4/2018 BDW. Cont TIH w/ pkr to 3150'. Set pkr @ 3150'. Open bypass, Pump H2O, did not catch pressure. SD pump. Rel pkr @ 3150' & TIH, set pkr @ 4645'. Test RBP to 4600' to 600#, test-good. Isolate csg leak, Test 4190'-4418', Csg good 4450'-4600'. Rel pkr & TOH. Break out tension pkr, MU EA pkr w/ RH & TIH to 1956'. SIW, SDFD.

12/5/2018 Cont TIH w/ RH & pkr, Latch RBP & rel @4660'. **Set RBP @ 4386'**. Set pkr @ 4353, PT RBP to 680#/10 min, test good. PU & set pkr @ 3769', PT csg to 580#/15 min, test good. PU & set pkr @ 3146'. PT csg to RBP @ 4386' to 580#/20 min, 120# lk off. PT back up to 500#/15 min, bleed pressure off. PT csg to 575#/30 min, test good. Csg good 3146' - 4386'. Rel pkr @ 3769'. TIH & release RBT @ 4386'. TOOH w/ pkr & plug. SIW, SDFD. **Rcv'd verbal permission @ 3:40 from NMOCD (Monica Kuehling) to move off well, based on findings that the area unable to hold pressure (4660' - 4710' & 4386' - 4450') is within the MV. Rcv'd verbal permission to include these as MV perms.**

12/6/2018 BDW. Drift 2-3/8" on TIH, stage in w/ air @ 3500', 5463, Tag fill @ 7454'. PU to 6429', circ w/ 1000 cfm air @ 700# & broke over, pressure drop to 450#, 1.5 hrs to unload water, continue cir w/ air. Recovered 20 bbl water. SIW, SDFD.

12/7/2018 BDW. Stage in w/ air @ 6429' @ 550# & unload fluid, 6948 @ 650#, CO fill w/ air/mist @ 600# 7454'-7496'. Bypass air, PU to 6815'. SIW SDFD.

12/8/2018 BDW. CO fill 7496'-7530' w/ air/mist @ 700#. Unable to circ past 7530'. Circ til sand ret's down to tbsp.. Bypass air. Kill tbg & remove string float, drop ball down tbg, MU tbg hngr, **Land 228 jts 2-3/8", 4.7# J-55 EUE tbg @ 7375' w/ SN @ 7408'**. ND BOPE, BUT. PT tbg w/ air to 500#/10 min, test good. Cont pressure up tbg w/ air & pump off check @ 1150#, Circ water out. RDRR @ 18:30 hrs

Well Name: SAN JUAN 28-7 UNIT #155

API / UWI 3003920430	Surface Legal Location 022-027N-007W-K	Field Name PC/DK DUAL	Route 0906	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,581.00	Original KB/RT Elevation (ft) 6,591.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00	

Vertical, Original Hole, 12/13/2018 11:56:47 AM

