

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: 7/11/18

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-23910-00-00	SAN JUAN 27 5 UNIT	108E	HILCORP ENERGY COMPANY	G	A	Rio Arriba	F	M	15	27	N	5	W

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:

- Compliance review pending. The Blanco MesaVerde was perforated deeper than the approved interval.

NMOCD Approved by Signature

7/30/18

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 11 2018

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

Farmington 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.

5. Lease Serial No. **NMSF-079403**

6. If Indian, Allottee or Tribe Name

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 27-5 Unit

8. Well Name and No.
San Juan 27-5 Unit 108E

2. Name of Operator
Hilcorp Energy Company

9. API Well No.
30-039-23910

3a. Address
382 Road 3100, Aztec, NM 87410

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

10. Field and Pool or Exploratory Area
Blanco Mesaverde / Basin Dakota

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
Surface Unit M (SWSW) 530'FSL & 90' FWL, Sec. 15, T27N, R05W

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 recompleat 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 recompleat 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.

ACCEPTED FOR RECORD

JUL 12 2018

NMOCD
JUL 18 2018
DISTRICT III

FARMINGTON FIELD OFFICE
By: _____

14. I hereby certify that the foregoing is true and correct. Name (*Printed/Typed*)
Etta Trujillo Title **Operations/Regulatory Technician - Sr.**

Signature *Etta Trujillo* Date **7/11/2018**

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.

5/24/2018 – MIRU. ND B-2. NU BOP stack. Pull tbg hanger. Tag 15' of fill @ 7799' (PBSD @ 7814'). SIW. SDFN.

5/25/2018 – TTL. TOOH w/2-3/8" tbg. TIH & set 4.5" CIBP @ 6075'. Roll well clean w/100bbls. Test csg, test failed. TOOH w/stinger. Circ INT csg clean w/79 bbls. SIW. SDFW.

5/29/2018 – TTL. RU WL. **Run CBL f/6075' to surface. RD WL. Notified AG (BLM) and Brandon Powell (OCD) – Request permission to sqz holes in 4-1/2" csg. Verbal approval received.** TIH w/4.5" pkr. Isolate hole in csg f/3687' to 3780'. TOOH w/pkr. TIH w/CIBP & set @ 3800'. TOOH setting tool. TIH w/4.5" CICR & set @ 3675'. Load csg, test tbg to 1000#. Sting in, circ 80bbls up INT csg. Spot in cmt equipment. SIW. SDFN.

5/30/2018 – TTL. Finished spot in cmt equipment. **Mix & pump w/440sx Class G Neat cmt @ 15.8PPG.** Displaced w/14.5 bbls fresh water. Lost circ w/10bbls displacement left to pump. Finish pump. Sting out. Reverse clean w/20bbls. TOOH w/stinger. SIW. SDFN.

5/31/2018 – TTL. TIH w/3-3/4" bit. Tag 28' of cmt on CICR @ 3675'. D/O cmt & CICR. Tag CIBP @ 3800', circ clean. SIW. **RU well check & chart test csg to 560# w/NMOCD witness (Thomas Vermersch).** Good test. D/O CIBP @ 3800'. TIH & tag CIBP @ 6075' to confirm csg clear. TOOH & LD 2-3/8" pro tbg. SIW. SDFN.

6/1/2018 - TTL. RU WL. RIH to 4000' w/CBL tool. **Run CBL f/6075' to surface (TOC @ 676').** Tag tight spot @ 3900'. Recover metal pieces from CIBP D/O @ 3800'. Make GR run to 6000' to confirm csg clear.

6/4/2018 – TTL. ND BOP Stack. ND 3K Tbg Head. NU 5K tbg head. Test secondary seals to 2500#. NU BOP Stack. RU. RIH w/GR to 5000'. RIH w/perf gun, **Perf'd Cliffhouse @ 5910, 5899, 5891, 5888, 5820, 5819, 5803, 5802, 5782, 5781, 5771, 5755, 5732, 5710, 5697, 5688, 5681, 5674, 5668, 5637, 5636, 5612, 5611, 5581, 5580, 5551, 5550, 5535, 5521, 5498, 5490, 5481, 5466, 5459, 5452, 5438, 5422, 5410, 5377, 5352, 5333, 5315, 5310, 5309, 5302, 5290, 5274, 5273, 5257, 5238, 5220, 5219, 5201, 5193, 5183, 5172, 5171, 5154, 5153, 5145, 5131, 5105, 5104, 5103, 5073, 5068, 5061, 5053, 0.34 DIA, 2 RUNS, 1 SPF.** RD WL. NU BOP CAP. SIW. SDFN.

6/5/2018 – TTL. MU 4.5" pkr. TIH w/pkr, 2-7/8" frac string, set @ 4700'. ND BOP stack, NU frac stack. PT to 9000#, test good. RU WL. RIH & rupture ceramic disk. RD WL. RD & release unit. SIW. SD.

6/26/2018 – Prime test. **Foam frac'd (MesaVerde) w/246,190# 20/40 sand & 69,218gal slickwater & 2.70 million SCF N2. 70Q. Dropped 20 bio-balls with 1/3 and 2/3 of sand pumped.** RD & release.

6/30/2018 – RU unit. ND frac stack. NU BOP stack. Chart test rams. SIW. SDFN.

7/1/2018 – Pull hanger & release pkr @ 4700'. TOOH w/frac string. Kill well w/40bbls. TIH w/3-3/4" bit to 5000'. SIW. SDFN.

7/2/2018 – Cont TIH w/bit. Tagged 368' of fill @ 5707 on CIBP. CO to CIBP @ 6075'. DO CIBP. RIH 3jts to confirm plugged dropped. SIW. SDFN.

7/3/2018 – Cont TIH w/bit. Tag 55' of fill on PBSD @ 7814'. CO to PBSD. TOOW w/bit. TIH w/prod BHA. SIW. SDFN.

7/4/2018 – PU RBP w/pro string. Set pkr and load csg. ND BOP stack. Change out tbg head/test secondary to 3000#. Good test. NU BOP stack. TIH / equalize pkr. TOOH pkr. TIH pro BHA. **TIH & land 247jts 2-3/8" 4.7# J-55 @ 7776.3', SN @ 7774.27'.** ND BOP stack. NU B-2. Pump 5bbls pad/drop ball. Test tbg to 500#. Good test. RD & release unit. SIW.

Well is now producing as MesaVerde/Dakota commingle under DHC 3998AZ

Graphic Controls

CHART NO. 05-31-18
MC MP-1000-1HR

METER WELL CHECK
OF FARMINGTON

[Signature]

CHART PUT ON

TAKEN OFF

LOCATION SAN JUAN 27-5# 108E

REMARKS ZOILING. MIT CASING

*Pascal
Ruh
Thomas
5-31-2018
LMOLO
LAWRENCE*

50

20