

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

5. Lease Serial No.

NMSF080505A

6. If Indian, Allottee or Tribe Name

**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

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

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

Surface Unit J (NWSE) 1545' FSL & 1700' FEL, Sec. 10, T28N, R06W

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

San Juan 28-6 Unit

8. Well Name and No.

San Juan 28-6 Unit 117

9. API Well No.

30-039-07458

10. Field and Pool or Exploratory Area

Blanco Mesaverde/Basin Dakota

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 recomple 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 recomple 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.)

AMENDED

See Attached.

NMOC

MAY 20 2019

DISTRICT III

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

Tammy Jones

Title Operations/Regulatory Technician - Sr.

Signature

Tammy Jones

Date

5/16/2019

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

MAY 17 2019  
FARMINGTON FIELD OFFICE  
BY: [Signature]

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.

(Instruction on page 2)

NMOC

1

1/4/2019 – RU Unit. ND B-2. NU BOP Stack/Chart test rams. Pull hanger. Tag fill. Start TOO H/scanning tbg. SIW. SDFN.

1/5/2019 – (SICP-180psi, SITP-180psi, INT-0psi) RU/finish scanning tbg. TIH w/4-1/2" csg scraper to 7500'. TOO H w/csg scraper. SIW. SDFN.

1/6/2019 – (SICP-120psi, SITP-N/A, INT-0psi) TIH w/4-1/2" CIBP. Set @ 7485'. Attempt to roll well, failed. Pumped 160bbls to establish injection rate @ 1.75BPH @ 400#. TOO H w/stinger. RU WL. Run CBL from CIBP @ 7485' to surface. SIW. SDFN.

1/7/2019 – (SICP-Vac, SITP-N/A, BH-0psi) TIH w/pkr to 7477'. Test CIBP @ 7485' to 560#. Good test. TOO H/isolate hole in csg @ 5774' to 5815'. TOO H w/pkr. SIW. SDFN. Notified BLM (email) and Brandon Powell (OCD) – Request permission to sqz holes from 5774'-5815', TOC @ 4840'. Run CBL and conduct MIT. Verbal approval received.

1/8/2019 – (SICP-Vac, SITP-N/A, BH-0psi) TIH w/4-1/2" CR and set @ 5720'. PT backside 560#. Good establish rate through retainer. Pump 15bbls to confirm pump through. Mix and pump 160sx Class G Neat cmt w/2% CACL2. Displace w/22bbls H2O. TOO H w/stinger. TIH w/3-3/4" bit to 5000'. SIW. SDFN.

1/9/2019 – (SICP-0psi, SITP-0psi, BH-0psi) TIH w/3-3/4" bit, tagged 100' cmt on CICR @ 5620'. Attempt circ. D/O cmt & CICR. Fall out of cmt @ 5770'. Run tbg down to 5830'. Circ csg clean. SIW. Pre-test csg to 600#. Test good. SIW. SDFN.

1/10/2019 – (SICP-0psi, SITP-0psi, BH-0psi) TIH/tag CIBP @ 7485'. SIW. Conduct MIT & chart test csg to 560# w/ NMOCD witness (Jonathan Kelly). TOO H w/3-3/4" bit. RU WL. Run CBL from CIBP to 4500'. TIH w/4-1/2" CIBP and set @ 5720'. TOO H. SIW. SDFN.

1/11/2019 – (SICP-0psi, SITP-0psi, BH-0psi) TOO H/LD pro string. RU WL. Perf'd Mesaverde, 2 Runs, 54 shots, 1 SPF @ 5710, 5687, 5670, 5638, 5618, 5600, 5593, 5586, 5559, 5543, 5536, 5503, 5502, 5501, 5492, 5483, 5474, 5465, 5421, 5417, 5413, 5338, 5330, 5319, 5314, 5295, 5236, 5235, 5228, 5214, 5213, 5168, 5167, 5166, 5157, 5156, 5152, 5136, 5126, 5114, 5103, 5092, 5091, 5090, 5073, 5072, 5071, 5055, 5054, 5053, 5052, 5037, 5030, 5010. RD WL. TIH w/frac pkr 2-7/8" L-80 frac string. Set pkr @ 4922.51'. SIW. SDFN.

1/12/2019 – (SICP-0psi, SITP-0psi, BH-0psi) Rig flr. ND BOP Stack. NU Frac spool & Land hanger. NU Master valve. Load backside. Test 560#. Good test. Chart test frac string to master valve @ 9000#. Test good. SIW. SDFN.

4/18/2019 – Prime. Test. Foam frac'd w/10,200# 100 mesh & 293,660# 40/70 & 83,620gal slickwater & 2.97 million SCF N2. 70Q, avg rate = 50BPM avg PSI = 6443. Dropped 13 bio-balls with 1/4, 1/2, and 3/4 of sand pumped. RD.

4/22/2019 – (SICP-0psi, SITP-430psi, BH-0psi) RU. ND frac stack. NU BOP. PT. Kill well w/40bbls H2O. Rel Packer. LD frac string/pkr. TIH w/3-7/8" bit to 5000'. SIW. SDFN.

4/23/2019 – (SICP-430psi, SITP-0psi, BH-0psi) Tag 40' of sand @ 5690'. Break circ with air/mist. CO fill to CIBP @ 5720'. Circ 3bbls H2O w/2 cup sand. D/O CIBP @ 5720'. TIH tag CIBP @ 7485'. Mill up reminder of plug @ 5720'. Mill on CIBP @ 7485' (fail mill). Worn bit. SIW. SDFN.

4/24/2019 – (SICP-420psi, SITP-0psi, BH-0psi) TIH w/new 3-7/8" bit to CIBP @ 7485'. Mill out plug. Tagged 8' of fill above PBTD @ 7728'. Circ w/3bbls of H2O. TIH. Land 246 jnts 2-3/8" tbg @ 7687', SN @ 7686', 4.70# J-55. ND BOP. NU WH. SDFN.

4/25/2019 – (SICP-420psi, SITP-0psi, BH-0psi) Pump down tbg w/air package. PT to 500#. Pump out pump off plug @ 750#. Break circ. Unload fluid. Trace of sand. RD. SIW. Rig Rel.

4/29/2019 – Swab on well

5/3/2019 – (SICP-389psi, SITP-50psi, BH-0psi) MIRU. NU flow back line. BD to flowback tank. ND WH. NU BOP. Unseat tbg hanger. Could not get hanger high enough to remove. Getting sand up casing. Pump down csg w/30 bbls water. Tbg came loose. TOO H w/2-3/8" tbg. PU TIH w/3-7/8" junk mill bit. SIW. SDFN.

5/4/2019 - (SICP-250psi, BH-0psi) Establish circ. CO fill from 7680' w/3-7/8" junk mill. Hit bridge @ 7710'. Mill on bridge. Heavy sand returns. TOOH w/mill. Install plug in SN. TIH drift & tag fill @ 7723. SIW. SDFN.

5/5/2019 - (SICP-350psi, BH-0psi) TIH w/3 jnts tbg to 7717'. 11' of fill. CO w/air & mist to PBTD. Nat flow. Made 1' of fill. RIH w/3bbl, 2bbl, 3bbl sweep. Getting tblspoon to ½ cup of sand. SIW. SDFN.

5/6/2019 – CO w/air for 1hr. Well would not blow dry. Nat flow. Ck for oxygen – 0 oxygen. CO. Csg=305psi. SI tbg. Produce up casing.

5/7/2019 – TIH tagged fill @ 7719' (PBTD @ 7728'). 5' of fill overnight. CO to PBTD. Heavy sand. CO w/3bbl sweep, 4 gal inhib. SD mist. CO w/air. Light sand. Land 244 jnts 2-3/8" tbg @ 7669', SN @ 7667', 4.70# J-55. RD. ND BOP. NUWH. RR.

**Well is now producing as MesaVerde/Dakota commingle under DHC 4033AZ / R# 14771**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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. <b>NMSF080505A</b>
2. Name of Operator <b>Hilcorp Energy Company</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 Road 3100, Aztec, NM 87410</b>		7. If Unit of CA/Agreement, Name and/or No. <b>San Juan 28-6 Unit</b>
3b. Phone No. (include area code) <b>505-599-3400</b>		8. Well Name and No. <b>San Juan 28-6 Unit 117</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit J (NWSE) 1545' FSL &amp; 1700' FEL, Sec. 10, T28N, R06W</b>		9. API Well No. <b>30-039-07458</b>
		10. Field and Pool or Exploratory Area <b>Blanco Mesaverde/Basin Dakota</b>
		11. Country or Parish, State <b>Rio Arriba, New Mexico</b>

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.

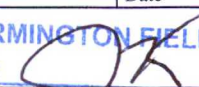
NMOC

MAY 17 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Etta Trujillo</b>		Title <b>Operations/Regulatory Technician - Sr.</b>
Signature 		Date <b>5/8/2019</b>

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

Approved by	Title <b>MAY 14 2019</b> 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 <b>FARMINGTON FIELD OFFICE</b> By: 

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.

(Instruction on page 2)

NMOC

1/4/2019 – RU Unit. ND B-2. NU BOP Stack/Chart test rams. Pull hanger. Tag fill. Start TOO H/scanning tbg. SIW. SDFN.

1/5/2019 – (SICP-180psi, SITP-180psi, INT-0psi) RU/finish scanning tbg. TIH w/4-1/2" csg scraper to 7500'. TOO H w/csg scraper. SIW. SDFN.

1/6/2019 – (SICP-120psi, SITP-N/A, INT-0psi) TIH w/4-1/2" CIBP. Set @ 7485'. Attempt to roll well, failed. Pumped 160bbbls to establish injection rate @ 1.75BPH @ 400#. TOO H w/stinger. RU WL. Run CBL from CIBP @ 7485' to surface. SIW. SDFN.

1/7/2019 – (SICP-Vac, SITP-N/A, BH-0psi) TIH w/pkr to 7477'. Test CIBP @ 7485' to 560#. Good test. TOO H/isolate hole in csg @ 5774' to 5815'. TOO H w/pkr. SIW. SDFN. Notified BLM (email) and Brandon Powell (OCD) – Request permission to sqz holes from 5774'-5815', TOC @ 4840'. Run CBL and conduct MIT. Verbal approval received.

1/8/2019 – (SICP-Vac, SITP-N/A, BH-0psi) TIH w/4-1/2" CR and set @ 5720'. PT backside 560#. Good establish rate through retainer. Pump 15bbbls to confirm pump through. Mix and pump 160sx Class G Neat cmt w/2% CACL2. Displace w/22bbbls H2O. TOO H w/stinger. TIH w/3-3/4" bit to 5000'. SIW. SDFN.

1/9/2019 – (SICP-0psi, SITP-0psi, BH-0psi) TIH w/3-3/4" bit, tagged 100' cmt on CICR @ 5620'. Attempt circ. D/O cmt & CICR. Fall out of cmt @ 5770'. Run tbg down to 5830'. Circ csg clean. SIW. Pre-test csg to 600#. Test good. SIW. SDFN.

1/10/2019 – (SICP-0psi, SITP-0psi, BH-0psi) TIH/tag CIBP @ 7485'. SIW. Conduct MIT & chart test csg to 560# w/ NMOCD witness (Jonathan Kelly). TOO H w/3-3/4" bit. RU WL. Run CBL from CIBP to 4500'. TIH w/4-1/2" CIBP and set @ 5720'. TOO H. SIW. SDFN.

1/11/2019 – (SICP-0psi, SITP-0psi, BH-0psi) TOO H/LD pro string. RU WL. Perf'd Mesaverde, 2 Runs, 54 shots, 1 SPF @ 5710, 5687, 5670, 5638, 5618, 5600, 5593, 5586, 5559, 5543, 5536, 5503, 5502, 5501, 5492, 5483, 5474, 5465, 5421, 5417, 5413, 5338, 5330, 5319, 5314, 5295, 5236, 5235, 5228, 5214, 5213, 5168, 5167, 5166, 5157, 5156, 5152, 5136, 5126, 5114, 5103, 5092, 5091, 5090, 5073, 5072, 5071, 5055, 5054, 5053, 5052, 5037, 5030, 5010. RD WL. TIH w/frac pkr 2-7/8" L-80 frac string. Set pkr @ 4922.51'. SIW. SDFN.

1/12/2019 – (SICP-0psi, SITP-0psi, BH-0psi) Rig flr. ND BOP Stack. NU Frac spool & Land hanger. NU Master valve. Load backside. Test 560#. Good test. Chart test frac string to master valve @ 9000#. Test good. SIW. SDFN.

4/18/2019 – Prime. Test. Foam frac'd w/10,200# 100 mesh & 293,660# 40/70 & 83,620gal slickwater & 2.97 million SCF N2. 70Q, avg rate = 50BPM avg PSI = 6443. Dropped 13 bio-balls with 1/4, 1/2, and 3/4 of sand pumped. RD.

4/22/2019 – (SICP-0psi, SITP-430psi, BH-0psi) RU. ND frac stack. NU BOP. PT. Kill well w/40bbbls H2O. Rel Packer. LD frac string/pkr. TIH w/3-7/8" bit to 5000'. SIW. SDFN.

4/23/2019 – (SICP-430psi, SITP-0psi, BH-0psi) Tag 40' of sand @ 5690'. Break circ with air/mist. CO fill to CIBP @ 5720'. Circ 3bbbls H2O w/2 cup sand. D/O CIBP @ 5720'. TIH tag CIBP @ 7485'. Mill up remainder of plug @ 5720'. Mill on CIBP @ 7485' (fail mill). Worn bit. SIW. SDFN.

4/24/2019 – (SICP-420psi, SITP-0psi, BH-0psi) TIH w/new 3-7/8" bit to CIBP @ 7485'. Mill out plug. Tagged 8' of fill above PBTD @ 7728'. Circ w/3bbbls of H2O. TIH. Land 246 jnts 2-3/8" tbg @ 7687', SN @ 7686', 4.70# J-55. ND BOP. NU WH. SDFN.

4/25/2019 – (SICP-420psi, SITP-0psi, BH-0psi) Pump down tbg w/air package. PT to 500#. Pump out pump off plug @ 750#. Break circ. Unload fluid. Trace of sand. RD. SIW. Rig Rel.

4/29/2019 – Swab on well

5/3/2019 - (SICP-389psi, SITP-50psi, BH-0psi) MIRU. NU flow back line. BD to flowback tank. ND WH. NU BOP. Unseat tbg hanger. Could not get hanger high enough to remove. Getting sand up casing. Pump down csg w/30 bbbls water. Tbg came loose. TOO H w/2-3/8" tbg. PU TIH w/3-7/8" junk mill bit. SIW. SDFN.

5/4/2019 - (SICP-250psi, BH-0psi) Establish circ. CO fill from 7680' w/3-7/8" junk mill. Hit bridge @ 7710'. Mill on bridge. Heavy sand returns. TOO H w/mill. Install plug in SN. TIH drift & tag fill @ 7723. SIW. SDFN.

5/5/2019 - (SICP-350psi, BH-0psi) TIH w/3 jnts tbg to 7717'. 11' of fill. CO w/air & mist to PBTD. Nat flow. Made 1' of fill. RIH w/3bbl, 2bbl, 3bbl sweep. Getting tblspoon to ½ cup of sand. SIW. SDFN.

5/6/2019 – CO w/air for 1hr. Well would not blow dry. Nat flow. Ck for oxygen – 0 oxygen. CO. Csg=305psi. SI tbg. Produce up casing.

5/7/2019 – TIH tagged fill @ 7719' (PBTD @ 7728'). 5' of fill overnight. CO to PBTD. Heavy sand. CO w/3bbl sweep, 4 gal inhib. SD mist. CO w/air. Light sand. Land 244 jnts 2-3/8" tbg @ 7669', SN @ 7667', 4.70# J-55. RD. ND BOP. NUWH. RR.

**Well is now producing as Mesa Verde/Dakota commingle under DHC 4033AZ / R# 10696**

HILCORP  
AWS 880  
LEASE # SF 080505-A

