

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		7. If Unit of CA/Agreement, Name and/or No. San Juan 28-5 Unit
2. Name of Operator Hilcorp Energy Company		8. Well Name and No. San Juan 28-5 Unit 85E
3a. Address 382 Road 3100, Aztec, NM 87410	3b. Phone No. (include area code) 505-599-3400	9. API Well No. 30-039-23834
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit L (NW/SW) 1740' FSL & 1125' FWL, Sec. 08, T28N, R05W		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 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.

NMOCD
JUL 02 2019
DISTRICT 111

14. I hereby certify that the foregoing is true and correct. Name (Printed Typed) Etta Trujillo		Title Operations/Regulatory Technician - Sr.
Signature <i>Etta Trujillo</i>		Date 6/24/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Joe Killins <i>[Signature]</i>	Petroleum Engineer	28-Jun-2018
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
		Office Farmington Field 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.

(Instruction on page 2)

NMOCD

5/9/2019 – (SICP-125psi, SITP-125psi, BH-0psi, INT-0psi) RU Unit. ND B-2. NU BOP stack. Test good. Pull hanger & tagged 36' of fill @ 7852'. PBDT @ 7888'. TIH w/4-1/2" csg scraper to 6400'. SIW. SDFN.

5/10/2019 – (SICP-125psi, SITP-125psi, BH-0psi, INT-0psi) TOO H w/scraper. TIH w/4-1/2" CIBP & set @ 6335'. Test csg to 560#. Good test. TOO H. RU WL. Run CBL. **Received verbal approval from NMOCD (Brandon Powell) and Jim Lovato (BLM) to proceed.** SI. Pre-test csg to 2000#. Good test. ND BOP stack. NU night cap. SIW. SDFN

5/11/2019 – (SICP-0psi, SITP-N/A, BH-0psi, INT-0psi) ND tbg head. Stub up 4-1/2" csg w/welder. NU 5k head. Test seals to 2500#. Good test. Chart test csg to 4000#. Good test. RD. SIW. SDOW.

6/12/2019 – RU WL. RIH and Perf'd (Point Lookout / Lower Menefee) 2runs, .34" DIA, 42shots @ 5938', 5931', 5892', 5884', 5866', 5865', 5834', 5793', 5792', 5791', 5773', 5765', 5764', 5748', 5747', 5746', 5727', 5722', 5708', 5697', 5680', 5679', 5664', 5663', 5662', 5659', 5656', 5655', 5629', 5613', 5589', 5588', 5587', 5548', 5547', 5541', 5540', 5527', 5526', 5518', 5517', 5513'. Prime. Cool Down. Test. Foam frac'd Point Lookout / Lower Menefee w/150,323# 40/70 sand & 45,945gal slickwater & 1.59 million SCF N₂. 70Q. avg rate = 55 BPM, avg PSI = 3106. Dropped 21 bio-balls with 1/2 of sand. RIH and set frac plug @ 5480'. Test frac plug to 2800#. Perf'd (Cliff House / Upper Menefee) 2 Runs, .34 DIA, 30 shots @ 5467', 5453', 5446', 5445', 5440', 5432', 5431', 5413', 5411', 5410', 5375', 5363', 5352', 5351', 5335', 5332', 5331', 5330', 5327', 5326', 5325', 5321', 5319', 5318', 5317', 5305', 5301', 5282', 5268', 5259'. Foam frac'd Cliff House / Upper Menefee w/124,517# 40/70 sand & 40,392gal slickwater & 1.35 million SCF N₂. 70Q. avg rate = 55 BPM, avg PSI = 3398. Dropped 15 bio-balls with 4/10 of sand. RD.

6/17/2019 – (SICP-500psi, SITP-0psi, BH-0psi) RU. Kill csg w/50bbbs. ND frac stack. NU & test BOP. 250# 5mins, 1500# 15mins. Good test. TIH w/3-7/8" hurricane bit too top of perfs @ 5000'. SIW. SDFN.

6/18/2019 – (SICP-480psi, SITP-0psi, BH-0psi) TIH tagged isolation plug @ 5480'. PU power swivel. Circ w/air and mist. D/O plug. Tagged 5' of sand above DK CIBP @ 6335'. Returns show ¼ cup sand. D/O CIBP @ 6335'. Tag fill @ 7879'. CO fill down to top of fish @ 7884'. Circ trace of sand. TOO H w/power swivel. SIW. SDFN.

6/19/2019 – (SICP-480psi, SITP-0psi, BH-0psi) Continue to TOO H w/bit. Run in RBP 60'. Set. ND BOP. ND 5K tbg head. NU 3K tbg head. NU BOP. PT. Release RBP. Tagged 10' of fill @ 7874'. Break circ with air/mist. CO fill down to TOF @ 7884'. Circ back ¼ sand with 2bbbs water. SIW. SDFN.

6/20/2019 - (SICP-480psi, SITP-0psi, SIBH-0psi) Tagged 10' above @ 7874'. Circ with air/mist. CO fill down to 7884'. Break circ with air/mist less than ¼ cup sand w/2bbbs water. SIW. SDFN.

6/21/2019 – (SICP-480psi, SITP-0psi, SIBH-0psi) Break circ with air/mist. Trace of sand. Stop circ. TIH & Land 248 jnts 2-3/8" tbg @ 7843', SN @ 7842', 4.70# J-55. ND BOP stack. NU WH. SIW. RD. Release Rig.

Well is now producing as MesaVerde/Dakota commingle under DHC 4863