

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

MAR 20 2019

**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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>SF080724-A</b>
2. Name of Operator <b>Hilcorp Energy Company</b>		6. If Indian, Allottee or Tribe Name <b>Blanco Mesaverde/Armenta Gallup</b>
3a. Address <b>382 Road 3100, Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit I (NESE) 1725'FSL &amp; 475' FEL, Sec. 11, T28N, R10W</b>		8. Well Name and No. <b>Zachry 37</b>
		9. API Well No. <b>30-045-25463</b>
		10. Field and Pool or Exploratory Area <b>Blanco Mesaverde/Armenta Gallup</b>
		11. Country or Parish, State <b>San Juan, 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 checked="" 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 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 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.)

**2/11/19** MIRU BIKHWK 37. ND upper tree & NU BOPE. PT blind & pipe rams, tested good. Unset & pull tbq hanger. Scan tbq. SISW, SDFD.

**2/12/19** Make a bit & 7-5/8" csg run to 5115'. POOH, SISW, SDFD.

**2/13/19** BDW. RU WRLN. TIH w/ CBP, set CBP @ 5060'. TIH w/ open ended tbq to 5000'. Load csg w/ H2O. Circ out air. SI csg valve PT BP & csg to 900 psi fo 10 min, tested good. POOH w/ tbq. SISW, SDFD.

**2/14/19** RU WRLN. Changed out WRLN, Ran CBL under pressure from 5058'-surface. TIH w/ open ended tbq to 5000'. POOH, LD prod tbq. SISW, SDFD. Rcvd verbal permission from NMOCD (Brandon Powell) to perforate.

**2/15/19** ND BOPE. Pull 3K tbq head & stub up 7-5/8" csg cut. NU 5K tbq head & test seals to 2800 psi, tested good. NU frac stack. RU wellcheck chart & test plug, csg & frac stack to 3550 psi, tested good. ND frac stack & NU BOPE. Load csg w/ H2O. Using the rig pump, pressure up to 3000 psi, tested good. SISW, SDFD.

**Continue on page 2**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Christine Brock</b>		Title <b>Operations/Regulatory Technician - Sr.</b>
Signature <i>Christine Brock</i>		Date <b>3/20/19</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title <b>AFM</b>	Date <b>3/26/19</b>
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>FEO</b>	

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.

**2/16/19** RU WRLN, make 6-1/4" gauge run to 4750'. Set 7-5/8" CBP @ 4710'. SISW, SDFD.

**2/17/19** Top load csg w/ fresh treated water, PT csg & plug @ 4710' to 1000 psi, tested good. ND BOPE & NU frac stack. RU Wellcheck, chart & PT plug, csg & frac stack to 3500 psi. Chart for 30 min, tested good. RDRR @ 15:00 hrs. SISW, SDFD.

**3/4/19** RU Frac services. RU WRLN. RIH & Perf Point Lookout w/ .34" diam, 1 spf @ 4266', 4276', 4286', 4296', 4306', 4313', 4324', 4330', 4341', 4393', 4401', 4422', 4441', 4459', 4465', 4486', 4518', 4537', 4562', 4564' = 20 shots. Test fluid line to 5000 psi, tested good. Test N2 pumps/lines to 5000 psi, tested good. Frac Point Lookout w/ 98,200 gal of 70Q #20 gel foam, 152,220 lbs. Premium 20/40 sand, 1,148,306 scf N2, Flush: 201 fluid bbls. Run into well with 7-5/8" CFP, set CFP @ 4258'. Perf Menefee w/ .34" diam, 1 spf @ 3879', 3889', 3925', 3939', 3965', 3971', 3978', 4035', 4069', 4114', 4136', 4160', 4169', 4193', 4234' = 15 Shots. Frac Menefee w/ 87,779 gal of 70Q #20 gel foam, 102,820 lbs. Premium 20/40 sand, 1,989,781 scf N2, Flush: 183 foam bbls. SISW, RD release frac & WRLN equipment.

**3/5/19** RU FB, FBW. Conduct Flow test. RD & release FB.

**3/7/19** MIRU Bikhwk 37. BDW. Install hngr w/ BPV. ND frac stack. NU BOP. PT BOP, tested good. RU Wellcheck, install HVR plug in hanger. PT blind & pipe rams to 250 psi (low) and 2000 psi (high) for 10 min, tested good. RD Wellcheck. SISW, SDFD.

**3/8/19** BDW to FB. Kill well w/ H2O. RIH w/ twister mill & bit sub. Strap rabbit, RIH w/ 120 jst 2-3/8" prod tbg to 3800'. PU tbg swivel & break circ w/ air/mist. LD swivel & continue in hole picking up addition tbg. Tag fill @ 4215' (43' Fill). PU swivel & break cir w/ air/mist. CO sand fill fr 4215'-40'. LD swivel & pull up above MV perfs. SISW, SDFD.

**3/9/19** BDW to FB. TIH & tag @ 4240'. PU swivel & estab circ w/ air/mist. Unload fluid & CO to CFP @ 4258'. DO CFP @ 4258'. PU tbg w/ PS, push remainder of CFP down & tag 247' of fill @ 4463' Drill remainder of CFP while CO fill fr 4463'-4519'. Swivel down. LD 1 jt & stds back 11 stds to 3795'. SISW, SDFD.

**3/10/19** BDW to FB. TIH & tag 15' of overnight fill @ 4504'. PI swivel & estab circ w/ air/mist. Unload fluid & CO fill. LD 1 jt w/ swivel. TOO H w/ 13 stds to 3795'. SISW, SDFD.

**3/11/19** BDW to FB tank. TIH fr 3735'-4616'. Tag 94' of fill on CIBP @ 4710'. RU PS, estab circ w/ air/mist. CO fill fr 4616'-CBP @ 4710'. SISW, SDFD.

**3/12/19** BDW to FB. TIH fr 3795' w/ 6-3/4" twister bit. Tag fill @ 4680'. RU PS, Circ w/ air/mist. CO fill fr 4680'-CBP. Blow on well w/ air unit until trace of sand & water rates. DO CBP @ 4710'. PU tbg & TIH. Tagged failed plug @ liner top of 5203' instead of set depth of 5060'. Estab circ w/ air/mist. Mill on plug @ 5203'. TOO H to above top perf @ 3795'. SISW, SDFD.

**3/13/19** BDW to FB. TIH w/ twister bit from 3795' - 5191' Tagged 12' fill on plug @ 5203'. RU PS, CO fill w/ air/mist to CBP @ 5203'. Finish drilling out plug @ 5203'. Circ hole clean. TOO H w/ 6-3/4" bit from 5203'. TIH w/ 4-3/4" junk mill to TOL @ 5203', push down remains of plug. Worked tbg from 5203' - 5240'. TIH to 5741' & tagged up. TOO H to 3796'. SISW, SDFD.

**3/14/19** BDW to FB. TIH w/ mill fr 3796' - 5701'. RU PS. Cir w/ air/mist. CO from 5741' - 5871. Tagged up @ 5871', 132' from PBTD of 6003'. Milled. TOO H w/ mill. TOO H to 2000'. SISW, SDFD.

**3/15/19** BDW to FB. TOO H w/ mill fr 2000'. Kill well. RU BHA. Land 184 jts of 4.7 # J-55 prod tbg @ 5815' w/ SN @ 5814'. ND BOP, NU WH. PT tbg to 500 psi, test good. Shut well in. RDRR @ 16:30 hrs.

This well is producing as a MV/DK with an approved Test Allowable C-104 & is waiting on RC C-104 approval.

Well will be a MV/GL commingled per DHC-4904-0.