

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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.*

5. Lease Serial No. **NMSF078200B**

6. If Indian, Allottee or Tribe Name  
*Farmington Field Office  
Bureau of Land Management*

*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.

2. Name of Operator  
**Hilcorp Energy Company**

8. Well Name and No.  
**RIDDLE B 5E**

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

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

9. API Well No.  
**30-045-26513**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface Unit G (SW/NE) 1800' FNL & 1720' FEL, Sec. 23, T30N, R10W**

10. Field and Pool or Exploratory Area  
**BLANCO MV / BASIN DK**

11. Country or Parish, State  
**San Juan, 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 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.)

PLEASE SEE ATTACHED

ACCEPTED FOR RECORD

SEP 11 2018

FARMINGTON FIELD OFFICE  
By: 

NMOCD  
SEP 13 2018  
DISTRICT III

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

**Amanda Walker** Title **Operations/Regulatory Technician - Sr.**

Signature  Date **8/24/2018**

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.

NMOCD AY

Riddle B 5E  
Recompletion Sundry  
30-045-26513

**7/18/2018:** MIRU. BD WELL. ND WH. NU BOPE. POOH LD PARTIAL TBG STRING. SIW. SL. SDFN.

**7/19/2018:** PICK UP 2 3/8" TBG, RIH W/OVERSHOT. ENGAGED FISH @ 1662', PULLED AND TBG PARTED. POOH W/OVERSHOT. TIH TO FISH @ 1692'. ENGAGE FISH, PULLED, WOULD NOT FREE UP. CALL OUT CUTTERS. RU WIRELINE. RIH W/TOOLS AND FREE POINT. PIPE FREE @7395'. TAG W/FREE POINT TOOL @ 7405'. POOH W/FREE POINT TOOLS. RIH W/CHEMICAL CUTTER. TAG @ 7432'. PULL UP TO 7397'. CUT TBG. POOH W/CUTER. TOOH W/1657' OF TBG. RD OVERSHOT. CHANGE OVER TO 1 1/2" HANDLING TOOLS. LD 3065' 1 1/2" TBG. SIW. SL. SDFN.

**7/20/2018:** LD 2717' OF 1 1/2" TBG. ALL TBG REMOVED, NO FISH REMAINING. RU WELL CHECK. TEST BOP. TEST GOOD. MAKE UP BHA TO RUN 4 1/2" CIBP. RIH TO 5550'. SET CIBP. LOAD AND ROLE HOLE W/90 BBLS OF WATER. TEST CSG, TEST GOOD. SIW. SL. SDFWE.

**7/23/2018:** TOOH W/ 2 3/8" TBG. RU WIRELINE. RUN CBL FROM 5550' TO SURFACE. RD WIRELINE. ND BOP. RU WELL CHECK. PT CASING FOR 30 MINS. TEST GOOD. SIW. SL. SDFN.

**8/8/2018:** RU WIRELINE. RIH AND PERFORATE PT LOOKOUT IN 1 RUN (45 SELECT FIRE SHOTS, 1SPF, 0.34 HOLES) AS FOLLOWS: 5478', 5477', 5476', 5414', 5413', 5412', 5367', 5366', 5365', 5326', 5325', 5324', 5269', 5268', 5267', 5260', 5259', 5258', 5242', 5241', 5240', 5239', 5238', 5237', 5236', 5235', 5234', 5216', 5215', 5214', 5213', 5212', 5211', 5210', 5209', 5208', 5168', 5167', 5166', 5165', 5164', 5163', 5162', 5161', 5160'. FOAM FRAC'D PT LOOKOUT WITH 149,684 LBS 40/70 AND 43,210 GAL SLICKWATER AND 1.38 MILLION SCF N2. 70 QUALITY. AVG RATE = 61 BPM, AVG PSI = 1865. ISIP WAS 0 PSI. DROPPED 15 BIO-BALLS WITH 1/2 OF SAND PUMPED. RIH AND SET FRAC PLUG @ 5146'. PERFORATE MENELEE IN 1 RUN (45 SELECT FIRE SHOTS, 1SPF, 0.34 HOLES) AS FOLLOWS: 5127', 5126', 5125', 5112', 5111', 5110', 5109', 5108', 5107', 5106', 5066', 5065', 5064', 5016', 5015', 5014', 5013', 5012', 5011', 4983', 4982', 4981', 4980', 4979', 4907', 4906', 4905', 4877', 4876', 4875', 4848', 4847', 4846', 4760', 4759', 4749', 4748', 4747', 4730', 4729', 4728', 4747', 4726', 4702', 4701'. FOAM FRAC'D MENELEE WITH 188,833 LBS 40/70 AND 56,145 GAL SLICKWATER AND 1.76 MILLION SCF N2. 70 QUALITY. AVG RATE = 61 BPM, AVG PSI = 2116. ISIP WAS 340 PSI. RIH AND SET FRAC PLUG @ 4694'. SIW. SL. SDFN.

**8/9/2018:** PERFORATE CLIFFHOUSE IN 1 RUN (45 SELECT FIRE SHOTS, 1SPF, 0.34 HOLES) AS FOLLOWS: 4678', 4677', 4676', 4675', 4674', 4673', 4672', 4654', 4653', 4652', 4651', 4650', 4624', 4623', 4622', 4621', 4620', 4612', 4611', 4610', 4609', 4608', 4593', 4592', 4591', 4590', 4589', 4588', 4578', 4577', 4576', 4575', 4574', 4573', 4544', 4543', 4542', 4541', 4540', 4539', 4526', 4525', 4524', 4523', 4522'. FOAM FRAC'D CLIFFHOUSE WITH 149,000 LBS 40/70 AND 39,515 GAL SLICKWATER AND 1.25 MILLION SCF N2. 70 QUALITY. AVG RATE = 61 BPM, AVG PSI = 2232. ISIP WAS 490 PSI. RIH AND SET CBP @ 4377'. PLUG HOLDING. RELEASE FRAC CREWS. MIRU AWS 840. ND FRAC STACK & WH. NU REBUILT WH. NU BOP. MIRU WELL CHECK. PT & CHART BOP & WH. TST OKAY. SWI. SL. SDFN.

**8/10/2018:** PU & TIH JUNK MILL. TG CBP @ 4660'. RU PWR SWL. DO CBP @ 4377'. CIRC CLEAN. DO REMAINDER OF CBP @ 4693' TO CBP @ 4694'. DO CBP. CIRC CLEAN. TAG @ 5136'. DO REMAINDER OF CBP @ 5136', & CO FILL TO CBP @ 5146'. DO CBP. TAG CBP @ 5150' & WRK DOWN TO 5172' & FELL THRU. CIRC CLEAN. SWI. SL. SDFN.

Riddle B 5E  
Recompletion Sundry  
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**8/11/2018:** BD WELL. TIH TAG REMAINDER OF CBP @ 5518'. RU PWR SWL. DO REMAINDER OF CBP & CO FILL TO 5550'. TAG CIBP. DO CIBP. & CO FILL FROM 7410' TO 7460' PBTD. CIRC CLEAN. RD PWR SWL SWI. SDFN.

**8/12/2018:** TIH W/X/CK W/MULE SHOE, 226 JTS OF 2 3/8" 4.7# J-55 PRODUCTION TBG. TAG PBTD @ 7460'. TOH & LD 4 JTS 2 3/8" TBG. EOT @ 7358'. SN @ 7357'. ND BOP. NU WH. PMP 8 BBL PAD. DROP BALL. PT TBG – TEST OKAY. RDMO @ 1700hrs ON 8/12/2018.