

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.  
NMSF078212

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
ROURKE 1E2. Name of Operator  
HILCORP ENERGY COMPANYContact: AMANDA WALKER  
E-Mail: mwalker@hilcorp.com9. API Well No.  
30-045-25892-00-C13a. Address  
1111 TRAVIS STREET  
HOUSTON, TX 770023b. Phone No. (include area code)  
Ph: 505-324-512210. Field and Pool or Exploratory Area  
BASIN DAKOTA  
FLORA VISTA

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

Sec 4 T30N R13W NWNW 1000FNL 1000FWL  
36.846440 N Lat, 108.215210 W Lon

11. County or Parish, State

SAN JUAN COUNTY, NM

**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"/> Hydraulic Fracturing	<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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Workover Operations
	<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.

PLEASE SEE THE ATTACHED BH REPAIR SUBSEQUENT REPORT.

ROURKE 1E  
3004525892  
LEASE: NMSF078212

NMOCD

DEC 20 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #496438 verified by the BLM Well Information System**  
**For HILCORP ENERGY COMPANY, sent to the Farmington**  
**Committed to AFMSS for processing by JOHN HOFFMAN on 12/19/2019 (20JH0089SE)**

Name (Printed/Typed) AMANDA WALKER

Title OPERATIONS/REGULATORY TECH SR.

Signature (Electronic Submission)

Date 12/18/2019

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

Approved By

ACCEPTED

JOHN HOFFMAN  
Title PETROLEUM ENGINEER

Date 12/19/2019

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 Farmington

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

Rourke 1E  
3004525892  
BH Repair  
Lease: NMSF078212

**12/6/19:** MIRU. SDFWE

**12/9/19:** (TBG: 85 PSI, CSG: 85 PSI, BH: 75 PSI) BDW. ND TREE & WH. INSTL TBG HNGR. NU BOP. RU TESTER. PT BOP (LOW 250 & HIGH 1700) RD TESTER. TOH W/PROD TBG. MU 5 1/2" RBP & TIH & SET @ 140'. FILL HOLE & PT RBP, CSG & WH T/600 PSI F/30 - GOOD TEST. ND BOP. ND TBG HEAD. CU & LUBE SEALS. NU BOP. SL. SDFN.

**12/10/19:** 17 SEC TO BD 70 PSI ON BH. RELEASE & LD RBP. RU TUBOSCOPE & TOO H TBG. PU 4 3/4" STRING MILL & TIH TO 4951'. SDFN.

**12/11/19:** 15 SEC TO BD 55 PSI ON BH. TIH TO 5188'. TOO H W/STRING MILL. PU RBP & PCKR AND TIH. SET RBP @ 5158'. PMP 20 BBLS OF H2O. SET PCKR @ 5126'. PM 15 BBLS. PT RBP & PCKR TO 800 PSI. GOOD TEST. LOAD & CIRC WELL W/120 BBLS H2O. PT CSG FRM 5158' TO SURF, 650 PSI. GOOD TEST. TOO H LD PCKR & RBP. RU WL & RUN CBL FRM 5158' TO SURFACE. SDFN.

**12/12/19:** 15 SEC TO BD 55 PSI ON BH. RU WELLCHECK, PRE TEST CSG. 580 PSI. GOOD TEST. RUN MIT, 570 PSI FOR 30 MINS. GOOD TEST. NMOC D REP THOMAS VERMERSCH ON LOCATION TO WITNESS. PU RETRIEVING HEAD & TIH. UNLOAD H2O @ 2500' & 5150'. EQUALIZE & RELEASE RBP. TOO H W/RBP. PU BHA & TIH W/151 JTS 2 3/8" 4.7# J-55 PROD TBG. SDFN.

**TROUBLE EMAIL: UPDATE PROVIDED TO BLM & OCD, CBL SHOWS GOOD CMT, BASED ON DIFFERENCE IN COMPOSITIONS, GAS DOES NOT APPEAR TO BE COMING THRU LEAK. OCD SUGGESTED AN AUDIOLOG TO FIND THE SOURCE OF GAS. VERBAL APPROVAL GIVEN ON 12/13/2019 BY OCD & BLM TO DO THE FOLLOWING:**

- 1) Pass the MIT. This will confirm that the casing is competent and, as anticipated due to the dissimilar gas compositions, the source is not coming from the wellbore
- 2) Vent the BH to the pit
- 3) Shut the well in overnight 1x per week to measure the absolute buildup. Submit those results weekly to the OCD and the BLM.
- 4) At the end of 30 days and on the 4<sup>th</sup> and final buildup, re-test the BH for pressure

If the gas is isolated it should bleed off over time. If it does not, we confirm that we have gas migrating behind pipe and we will need to discuss our options to either resolve the migration or P&A the wellbore.

**12/13/19:** CONT TIH. EOT @ 6162', SN @ 6161', PBTD @ 6368. ND BOP, NU WH. PT TBG TO 500 PSI FOR 10 MINS, TST GOOD. PMP 5 GAL CORROSION INHIBITOR SWEEP.

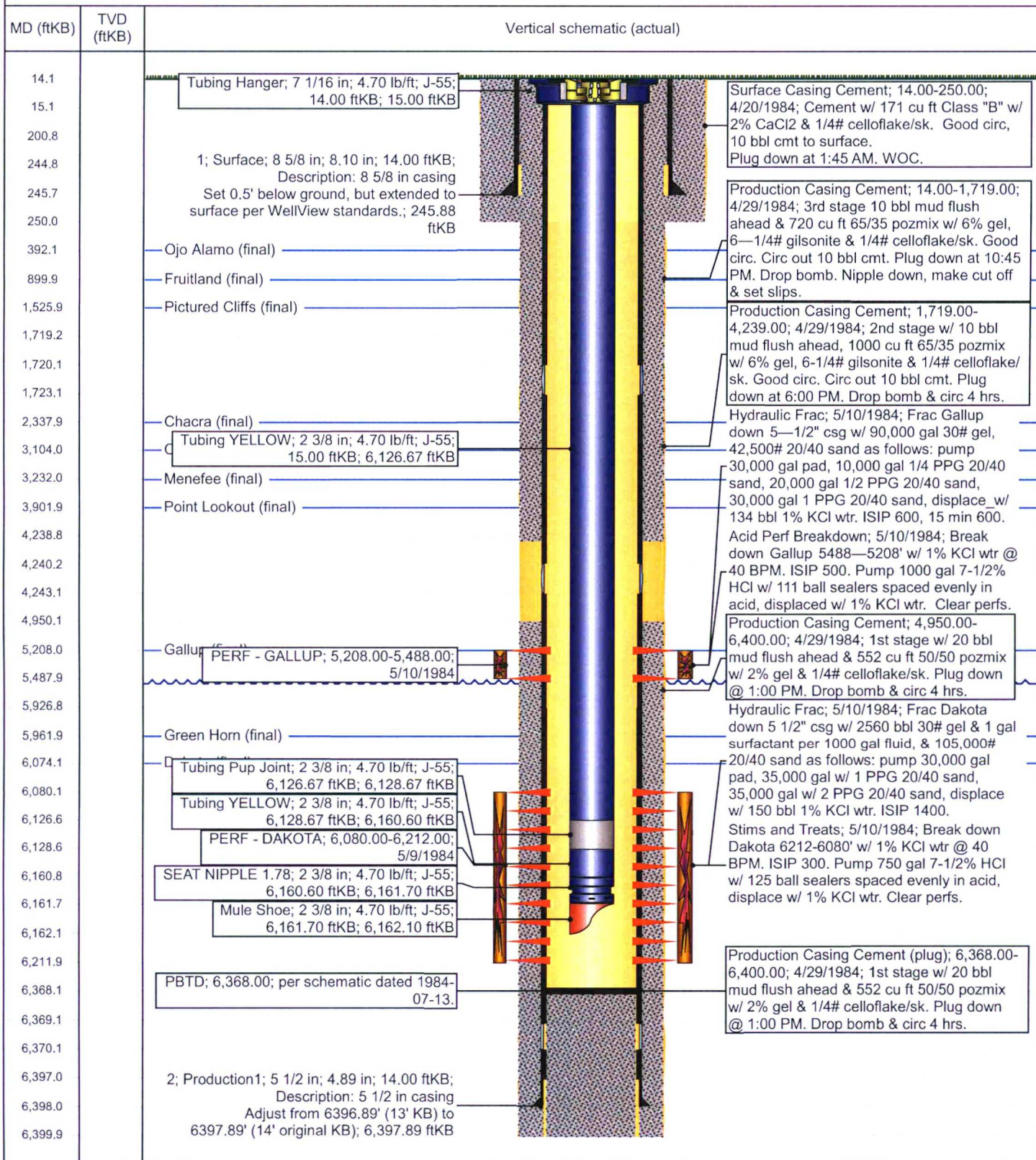
RDRR @ 10:30 hrs ON 12/13/19



**Well Name: ROURKE #1E**

API / UWI 3004525892	Surface Legal Location D-4-30N-13W	Field Name BASIN	Route 0205	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,551.00	Original KB/RT Elevation (ft) 5,565.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 12/18/2019 1:38:11 PM





HILCORP  
BAYWATER 105  
LEASE # SF-078212

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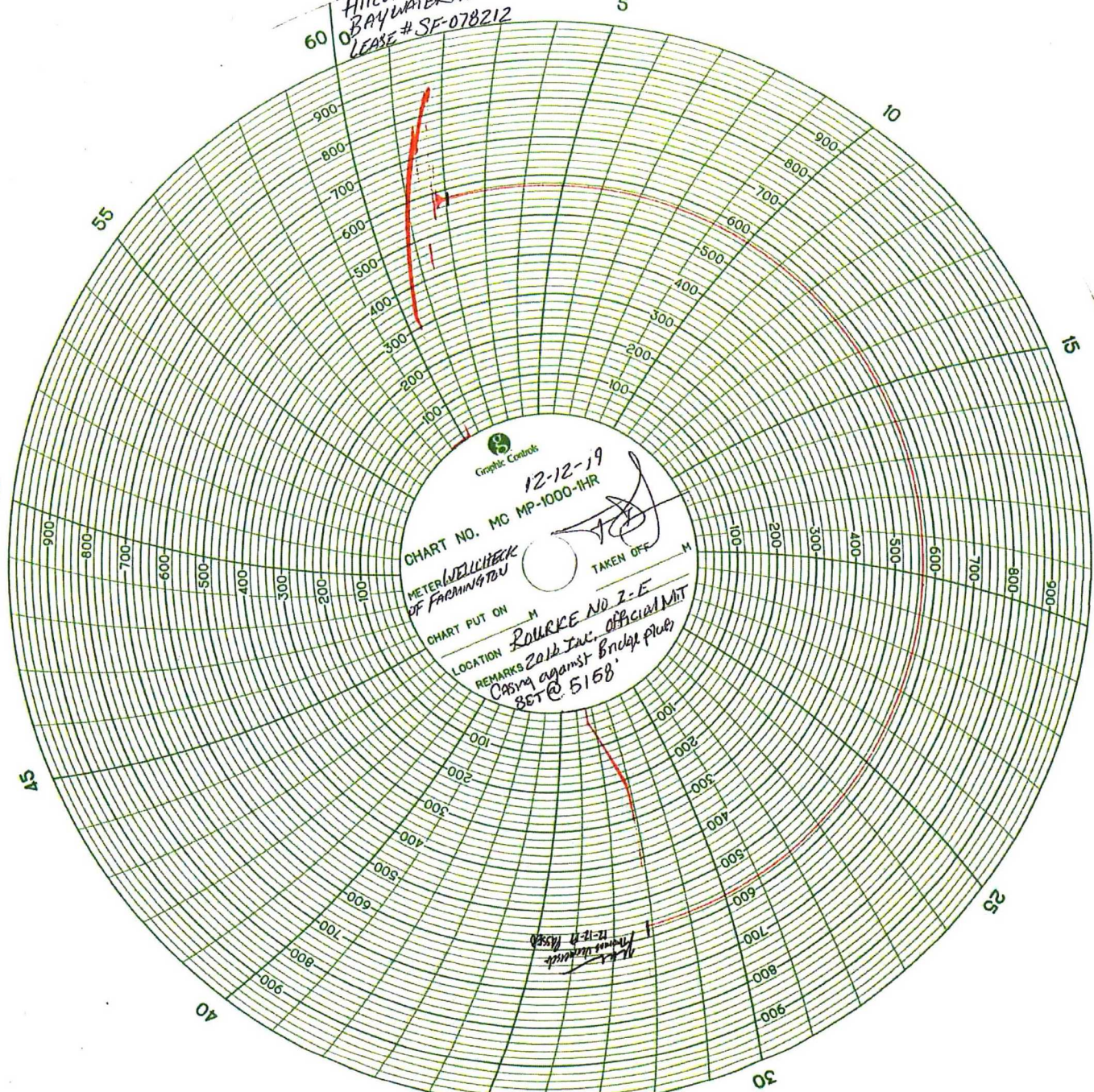
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12-12-19  
CHART NO. MC MP-1000-1HR  
METER WELCHER  
OF FARMINGTON

CHART PUT ON

LOCATION

REMARKS

ROUTE NO. 2-E  
2016 INC. OFFICIAL MIT  
Casing against bridge pier  
BET @ 5158'

TAKEN OFF

12-12-19  
M. K. WELCHER  
12-12-19