

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMNM03153

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. O H RANDEL 6
2. Name of Operator HILCORP ENERGY COMPANY Contact: CHERYLENE WESTON E-Mail: cweston@hilcorp.com		9. API Well No. 30-045-23798-00-C1
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 505-564-0779	10. Field and Pool or Exploratory Area BASIN DAKOTA GALLEGOS GALLUP
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26N R11W SWNE 1820FNL 1710FEL 36.490280 N Lat, 107.987534 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 recomplate 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 recomplate 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.

The subject well had a tubing repair workover. See attached.

NMOCB
OCT 24 2019
DISTRICT III

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

**Electronic Submission #489156 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOHN HOFFMAN on 10/23/2019 (20JH0046SE)**

Name (Printed/Typed) CHERYLENE WESTON	Title OPERATIONS/REGULATORY TECH SR.
Signature (Electronic Submission)	Date 10/22/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOHN HOFFMAN Title PETROLEUM ENGINEER	Date 10/23/2019
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 ****

A

O H Randel 6 – Tubing Repair

API# 30-045-23798

Lease# NMNM03153

07/08/2019 (SITP: 50, SICP: 40#, SIBHP: 0) MIRU. RD PU horsehead assy. Stack out rod string. Att to load/test rod & tbg annulus; loaded up immediately to 400#. Bled down quickly. Unset downhole rod pump. Call in for hot oil unit. SDFN.

07/09/2019 (SITP: 50, SICP: 40#, SIBHP: 0) BDW to tank. MIRU Mote hot oil unit. Heat 40 bbls water to 250° & pump down csg. Unable to pump down tbg string. TOH w/54 7/8" rods. Pump 20 bbl down csg/tbg annulus. Cont TOH w/rod string. RD Mote. Install & land tbg hanger. NU/test BOP; test ok. RIH & tag 20' fill @ 6310'. RU Scan X to scan 194 jts 2-3/8" tbg. 26 jts failed. RD Scan X. Close/lock blind rams. SDFN.

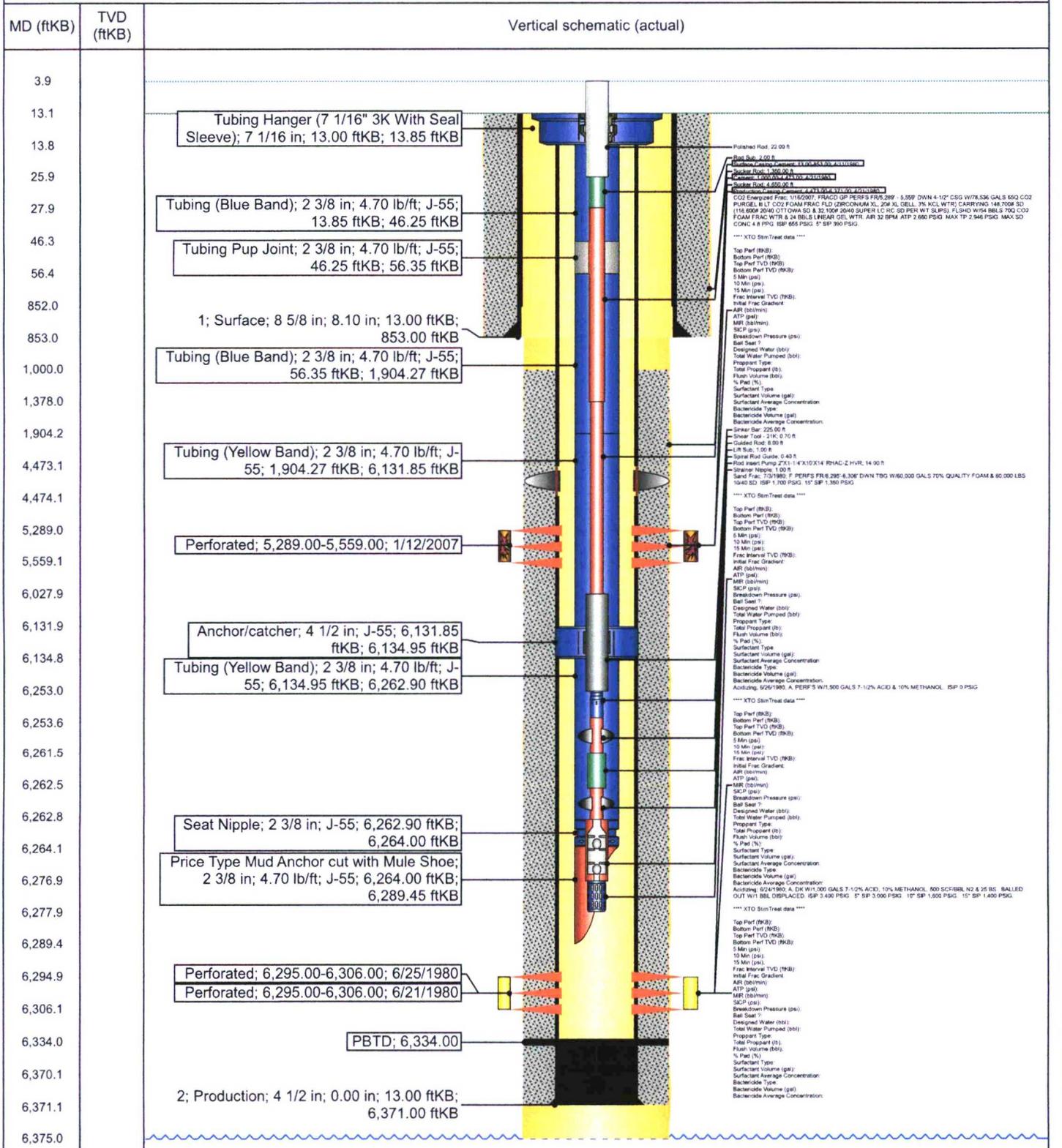
07/10/2019 (SITP: 0, SICP: 80#, SIBHP: 0) BDW to tank. MU bit/csg scraper. Tally, PU tbg & TIH to 6318'. Test air lines to 1500#, test ok. Start air unit @ 1300 CFM w/48 BPH mist. Air @ 450~500# while CO to 6330' w/1 gal/hr. foamer & corrosion inhibitor. SD air/mist. TOH w/tbg. MU new mud anchor assy w/new seat nipple. TIH & land **189 jts 2-3/8" 4.7# J-55 prod tbg @ 6289'** (SN @ 6263'). ND BOP, NU WH. SDFN.

07/11/2019 (SITP: 0, SICP: 60#, SIBH: 0) PU new pump. Load & test pump @ surface; test good. TIH w/pump & rod string. Seat pump, test to 500# w/rig pump, test good. Hang off horse head. **RDMO @ 1200 hrs.**

Well Name: O H RANDEL #6

API / UWI 3004523798	Surface Legal Location T26N-R11W-S15	Field Name Basin Dakota	Route 0605	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 6,366.00	Original KB/RT Elevation (ft) 6,379.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 10/22/2019 10:39:54 AM



Polished Rod, 22.00 ft
Rod Sub, 2.00 ft
Sucker Rod, 1,902.00 ft
Sucker Rod, 8,502.00 ft
CO2 Emulsion Frac: 11/2/2007, FRACO GP PERFS FRV.289, 5.859 DWN 4 1/2\"/>

Top Perf (ftKB):
Bottom Perf (ftKB):
Top Perf TVD (ftKB):
Bottom Perf TVD (ftKB):
5 Min (psi):
10 Min (psi):
15 Min (psi):
Frac Interval TVD (ftKB):
Initial Frac Gradient:
AIR (bbbl/min):
ATP (gal):
MRF (bbbl/min):
SCP (psi):
Breakdown Pressure (psi):
Ball Seat ?
Designed Water (bbbl):
Total Water Pumped (bbbl):
Proppant Type:
Total Proppant (lb):
Fluo. Volume (bbbl):
% Fluo (%):
Surfactant Type:
Surfactant Volume (gal):
Surfactant Average Concentration:
Bactericide Type:
Bactericide Volume (gal):
Bactericide Average Concentration:
- Shear Rate: 225.00 R
- Shear Tool: 2 1/2\"/>

Top Perf (ftKB):
Bottom Perf (ftKB):
Top Perf TVD (ftKB):
Bottom Perf TVD (ftKB):
5 Min (psi):
10 Min (psi):
15 Min (psi):
Frac Interval TVD (ftKB):
Initial Frac Gradient:
AIR (bbbl/min):
ATP (gal):
MRF (bbbl/min):
SCP (psi):
Breakdown Pressure (psi):
Ball Seat ?
Designed Water (bbbl):
Total Water Pumped (bbbl):
Proppant Type:
Total Proppant (lb):
Fluo. Volume (bbbl):
% Fluo (%):
Surfactant Type:
Surfactant Volume (gal):
Surfactant Average Concentration:
Bactericide Type:
Bactericide Volume (gal):
Bactericide Average Concentration:
Acidizing: 5/29/1980, A, PERFS W/1,500 GALS 1-12% ACID & 10% METHANOL, 800 SCF/BRL, N2 & 25 BS, BALLED OUT W/1 BBL DISPLACED, ISP 3,400 PSIG, 5\"/>

Top Perf (ftKB):
Bottom Perf (ftKB):
Top Perf TVD (ftKB):
Bottom Perf TVD (ftKB):
5 Min (psi):
10 Min (psi):
15 Min (psi):
Frac Interval TVD (ftKB):
Initial Frac Gradient:
AIR (bbbl/min):
ATP (gal):
MRF (bbbl/min):
SCP (psi):
Breakdown Pressure (psi):
Ball Seat ?
Designed Water (bbbl):
Total Water Pumped (bbbl):
Proppant Type:
Total Proppant (lb):
Fluo. Volume (bbbl):
% Fluo (%):
Surfactant Type:
Surfactant Volume (gal):
Surfactant Average Concentration:
Bactericide Type:
Bactericide Volume (gal):
Bactericide Average Concentration: