

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS** **MAR 26 2013**  
*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 reverse side.**

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. AMOCO 21 FEDERAL 1H
2. Name of Operator OCCIDENTAL PERMIAN LP Contact: JENNIFER A DUARTE E-Mail: jennifer_duarte@oxy.com		9. API Well No. 30-025-40753-00-S1
3a. Address HOUSTON, TX 77210	3b. Phone No. (include area code) Ph: 713-513-6640	10. Field and Pool, or Exploratory LUSK
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T19S R32E NENE 470FNL 660FEL		11. County or Parish, and State LEA COUNTY, NM

12. CHECK 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 checked="" 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 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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

01/16/2013 ? MIRU CT UNIT FOR FRAC PREP. CLEANOUT TO PBTD. RUN BOND LOG. PRESSURE TEST 5.5? PRODUCTION CASING TO 5400 PSI ? HELD 30 MINUTES ? TEST GOOD. BLEED OFF PRESSURE RD WIRELINE EQUIPMENT.  
02/06/2013 ? RU FOR FRAC.  
02/07/2013 ? 02/09/2013 ? FRAC 2ND BONE SPRING SANDSTONE: 13452' -12994' ; 12844' - 12386'; 12236' - 11778'; 11628' - 11170'; 11020' - 10562'; 10412' - 9954' 6 SPF, 0.39", 228 HOLES. FRAC WITH: FLUID ? 17,933 GALS 15% HCL; 1,344,462 GALS GEL. SAND ? 450,013 lbs 20/40 OTTAWA; 975,560 lbs 20/40 SLC  
02/20/2013 ? MIRU CT UNIT FOR AFTER FRAC CLEANOUT. BEGIN AFTER FRAC CLEANOUT.  
02/21/2013 ? COMPLETE AFTER FRAC CLEANOUT TO PBTD.  
02/27/2013 ? RUN PRODUCTION EQUIPMENT. RDMO. SETUP FOR FLOWBACK.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #200971 verified by the BLM Well Information System For OCCIDENTAL PERMIAN LP, sent to the Hobbs Committed to AFSSS for processing by DEBORAH MCKINNEY on 03/12/2013 (13DLM1030SE)</b>	
Name (Printed/Typed) JENNIFER A DUARTE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/07/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISORY EPS	Date 03/23/2013
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 Hobbs

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.

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

APR 03 2013



Oper.: Occidental Permian Ltd.

Well: AMOCO 21 FEDERAL 1-H

API # 30-025-40753

Loc: 470' FNL & 660' FeL (A) SEC 21 T19S, R32E

County/State: LEA, NM

Rig Up Date: 10/5/12 Spud Date: 10/8/12 RR Date: 11/20/12

Frac Date: 2/7/13 - 2/9/13 Completion Date: 2/27/13

GL: 3603.70' KB = 24' (ORIGINAL KB = 3627.70')

Final WBD

20.0" 94# K-55 BTC CSG @ 971' W/ CMT CIRC TO SFC  
(26.0" HOLE SIZE, 2200 SX)  
CIRCULATED 400 BBLS (1305 SX) CMT TO SFC

13.375" 61# J-55 STC CSG @ 2650' W/ CMT TO SFC  
(17.5" HOLE SIZE, 2157 SX)  
CIRCULATED 3 BBLS (21 SX) CMT TO SFC

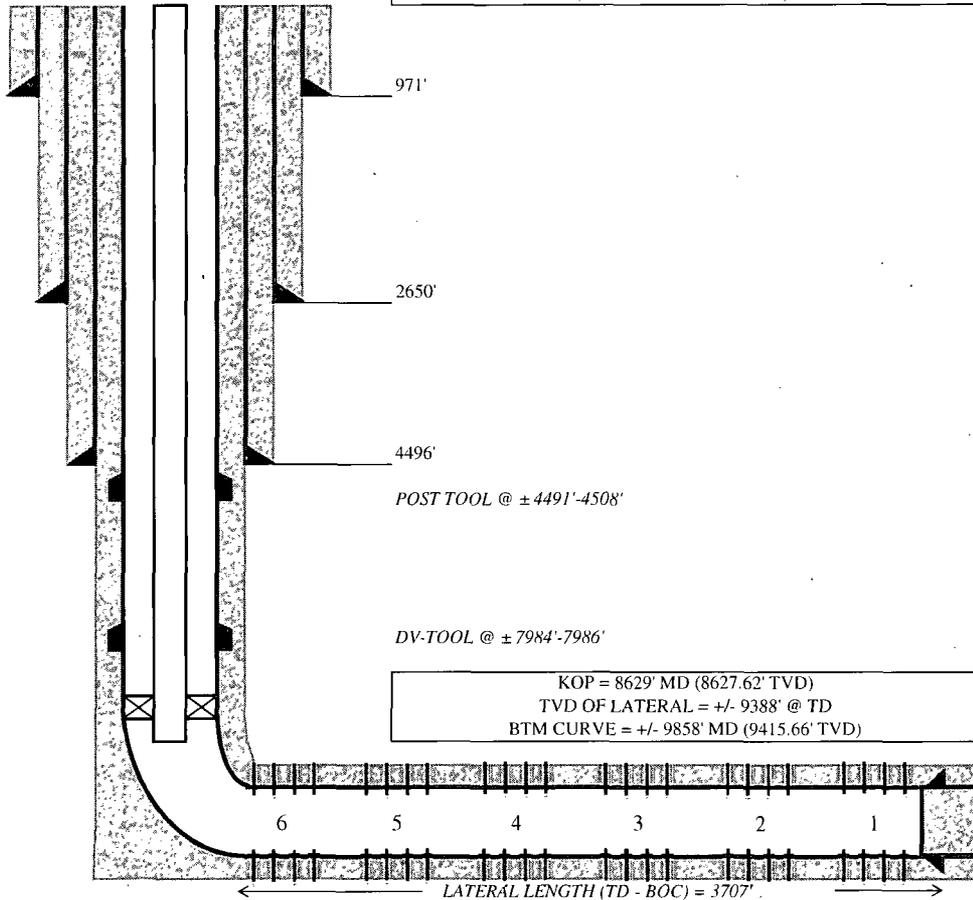
9.625" 40# J-55 LTC CSG @ 4496' W/ CMT TO SFC  
(12.25" HOLE SIZE, 1520 SX)  
CIRCULATED 30 BBLS CMT (89 SX) TO SFC

MARKER JOINT @ 7971' - 7984' MD (13')

FLAG JOINT @ 8581' - 8596' MD (15')

5.5" 17# L-80 LTC CSG @ 13565' W/ CMT TO SFC  
(8.5" HOLE SIZE, 2750 SX)  
CIRCULATED 25 BBLS CMT TO SFC

ID = 4.892" - DID = 4.767" - BURST = 7740 PSI - COLLAPSE = 6290 PSI  
(PRESSURE TEST TO 70% BURST = 5418 PSI) AS PER BLM



TD = 13566' MD

SHOE = 13565' MD / PBTD = 13475' MD (FC)

PERFORATIONS: (MEASURED DEPTHS)

- STAGE #1: 12994' - 13452' (6 SPF, 60 DEG PHASING, 38 HOLES)
- STAGE #2: 12386' - 12844' (6 SPF, 60 DEG PHASING, 38 HOLES)
- STAGE #3: 11778' - 12236' (6 SPF, 60 DEG PHASING, 38 HOLES)
- STAGE #4: 11170' - 11628' (6 SPF, 60 DEG PHASING, 38 HOLES)
- STAGE #5: 10562' - 11020' (6 SPF, 60 DEG PHASING, 38 HOLES)
- STAGE #6: 9954' - 10412' (6 SPF, 60 DEG PHASING, 38 HOLES)

TUBING DETAILS:

- 2-7/8" 6.5# L-80 8RD EUE TUBING, 3.5" X 2-7/8" O/O TOOL
- 5-1/2" X 2-7/8" ASI PACKER @ 8614' KB

TR 2/28/13