

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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.  
NM560355

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

8. Well Name and No.  
SAMANTHA 31-6 FEDERAL COM #1H

2. Name of Operator  
OXY USA WTP LP

9. API Well No.  
30-015-40050

3a. Address

PO BOX 4294, HOUSTON, TX 77210

3b. Phone No. (include area code)

(713) 513-6640

10. Field and Pool or Exploratory Area  
HACKBERRY; BONE SPRING, NORTH

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

990' FSL & 450' FWL SWSW (M); SEC 31, T18S R31E

11. County or Parish, State  
EDDY 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"/> 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 checked="" type="checkbox"/> Other <u>COMPLETION</u>
	<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 recompleat 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 recompleat 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.)

06/17/2012 – FRAC TRUCK AND TANKS BEGAN SET UP BEGAN PERF & FRAC JOB.

06/17-22/2012 – PERF INTERVALS 9,075' – 14,250' (228 HOLES) AND FRAC WITH 1,751,886 GALS OF FRAC GEL, 19,003 GALS OF ACID, AND 1,986,010 LBS OF SAND WITH A 6 STAGE FRAC.

06/22/2012 – FRAC TRUCK & TANKS RDMO

07/10/2012 – POST FRAC CLEANOUT RIG MIRU AND BEGAN CLEANOUT

07/13/2012 – POST FRAC CLEANOUT COMPLETED TO PBTD AND RIG RDMO

log?  
thg

Accepted for record  
NMOC

8/28/12

RECEIVED

AUG 09 2012

NMOC ARTESIA

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

JENNIFER DUARTE (jennifer\_duarte@oxy.com)

Title REGULATORY ANALYST

Signature

Date 07/26/2012

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

AUG 5 2012

Date

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

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.

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

<b>Well:</b>	Samantha 31-6 Fed Com 1-H
<b>API:</b>	30-015-40050
<b>Surface Location</b>	M-31-18S-31E Lot: 4 / 990 FSL & 450 FWL
<b>Producing Method Code:</b>	Flowing
<b>Well Completion Data:</b>	
<b>Spud Date:</b>	4/24/2012
<b>TD DATE:</b>	5/29/2012
<b>RIG RELEASE DATE:</b>	6/3/2012
<b>Date Frac setup:</b>	6/17/2012
<b>Date Frac rigdown:</b>	6/22/2012
<b>Date post-frac cleanout started:</b>	7/10/2012
<b>Date post-frac cleanout finished:</b>	7/13/2012
<b>Ready Date (COMPLETED DATE):</b>	7/13/2012
<b>TD:</b>	14,381'
<b>PBTD:</b>	14,290'
<b>Perforations: (INTERVALS, SPF, SIZE)</b>	Stage 1: 13,575' - 14,250' (6 SPF, 0.39", 38 holes) Stage 2: 12,265' - 13,350' (6 SPF, 0.39", 38 holes) Stage 3: 11,775' - 12,450' (6 SPF, 0.39", 38 holes) Stage 4: 10,875' - 11,550' (6 SPF, 0.39", 38 holes) Stage 5: 9,975' - 10,650' (6 SPF, 0.39", 38 holes) Stage 6: 9,075' - 9,750' (6 SPF, 0.39", 38 holes)
<b>DHC, MC:</b>	
<b>Surface Casing - Hole Size:</b>	17.5"
<b>Surface Casing - Type &amp; weight:</b>	48#, H-40 STC
<b>Surface Casing - Casing Size:</b>	13.375"
<b>Surface Casing - Depth Set:</b>	597'
<b>Surface Casing - Sacks Cement:</b>	720 sx
<b>Surface Casing - TOC:</b>	SFC
<b>Date &amp; test data for Surface Casing:</b>	4/29/12, 1250 psi
<b>Inter Casing - Hole Size:</b>	12.25"
<b>Inter Casing - Type &amp; weight:</b>	40#, J-55 LTC
<b>Inter Casing - Casing Size:</b>	9.625"
<b>Inter Casing - Depth Set:</b>	2170'
<b>Inter Casing - Sacks Cement:</b>	1070
<b>Inter Casing - TOC:</b>	SFC
<b>Date &amp; test data for Intermediate Casing:</b>	5/4/12, 2765 psi
<b>Production Casing - Hole Size:</b>	8.75"
<b>Production Casing - Type &amp; Weight:</b>	17#, L-80 LTC
<b>Production Casing - Casing Size:</b>	5.5"
<b>Production Casing - Depth Set:</b>	14,381'
<b>Production Casing - Sacks Cement:</b>	3555 sx
<b>Production Casing - TOC:</b>	SFC
<b>Date &amp; test data for Production Casing:</b>	6/10/12, 6500 psi
<b>Tubing Size:</b>	n/a
<b>Tubing Depth:</b>	n/a

**Well Test Data:**

Date New Oil:	7/22/2012
Test Date:	7/22/2012
Test Length:	24 hours
Tbg. Pressure:	-
Csg. Pressure:	230 psi
Choke Size:	32/64"
Oil:	415
Water:	304
Gas:	750
GAS - OIL RATIO	1807.228916
OIL GRAVITY - API (CORR)	40
Test Method:	Flowing
DISPOSITION OF GAS (SOLD, USED FOR FUEL, ETC)	Flared



Oper.: OXY USA WTP LP

Well: SAMANTHA 31-6 FED COM 1H

API# 30-015-40050

Loc: 990' FSL 450' FWL SEC 31 T18S, R31E

County/State EDDY, NM

Spud Date 4/24/12

GL 3531 60' KB = 25' (ORIGINAL KB = 3556 60')

13.375" 48# H-40 STC CSG @ 597' W/ CMT CIRC TO SFC  
(17.5" HOLE SIZE, 720 SX)  
CIRCULATED 353 SX TO SFC

9.625" 40# J55 LTC CSG @ 2170' W/ CMT CIRC TO SFC  
(12.25" HOLE SIZE, 1070 SX)  
CIRCULATED 162 SX TO SFC

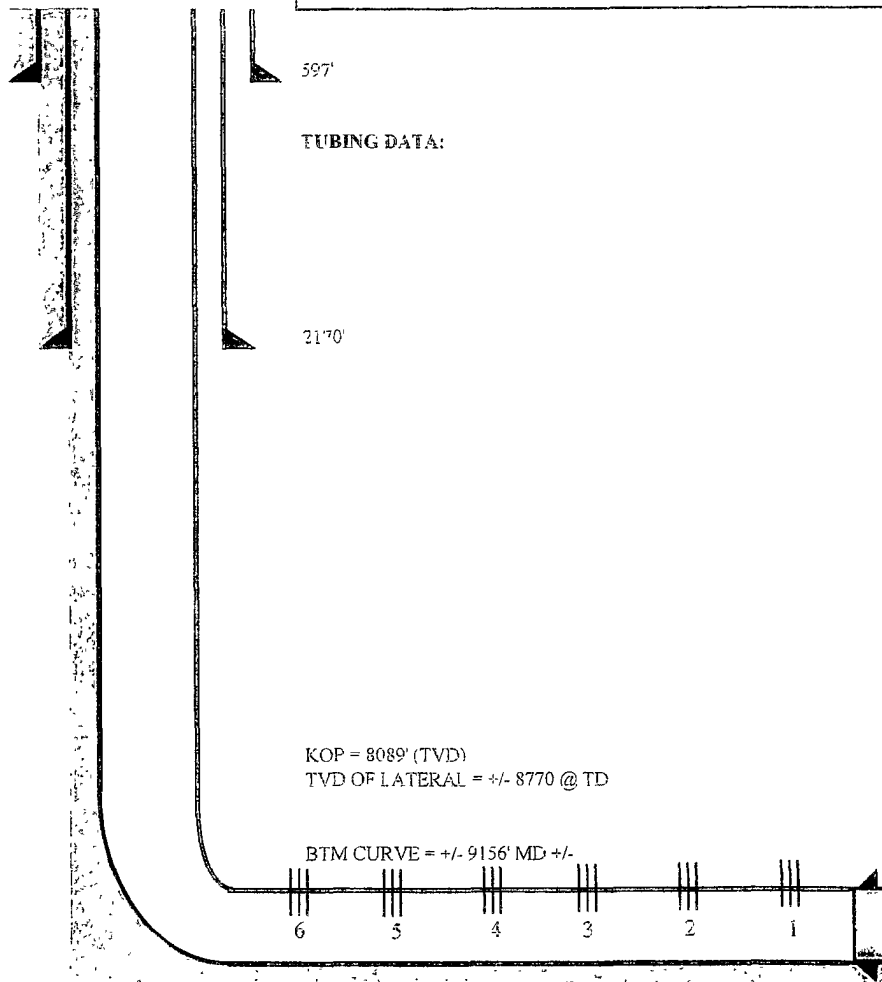
5.5" 17# L-80 LTC CSG @ W/ TOC @ SFC.  
(8.75" HOLE SIZE, 3553 SX)

STG 1 - 2170 SX - OPEN DV TOOL - CIRC'D 133 SX

STG 2 - 1060 SX - CIRC'D 160 SX

STG 3 - 370 SX - CIRC'D 14 SX TO SFC

ID = 4.892" - DID = 4.767" - BURST = 7740 PSI - COLLAPSE = 6290 PSI



TD = 14381'

PBTD = 14290'

Stage 1: 13,575' - 14,250' (6 SPF, 0.39", 38 holes)  
Stage 2: 12,265' - 13,350' (6 SPF, 0.39", 38 holes)  
Stage 3: 11,775' - 12,450' (6 SPF, 0.39", 38 holes)  
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