Form 3160-5 (August 1999)

Notice of Intent

Subsequent Report

Final Abandonment Notice

## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

RECEIVED

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

Water Shut-Off

Other Spud. set

Well Integrity

casing & cement

FEB 1 0 2006

Production (Start/Resume)

Reclamation

Recomplete

Water Disposal

Temporarily Abandon

5. Lease Serial No.

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			LC-029438-A 6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side		7. If Unit or CA/Agreement, Name and/or No.		
Type of Well     Oil Well		8. Well Name and OXY Harrier	No. #1	
2. Name of Operator OXY USA WTP Limited Partnership 192463		Federal  9. API Well No.		
3a. Address P.O. Box 50250, Midland, TX 79710-0250	3b. Phone No. (include area code) 432 - 685 - 5717	30-015-34434 10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 740 FNL 1780 FWL NENW(C) Sec 35 T16S R31E	Undsg. Fren Morrow, NE			
		11. County or Paris	sh, State NM	
12. CHECK APPROPRIATE BOX(ES) TO II	NDICATE NATURE OF NOTICE, REP		DATA	
TYPE OF SUBMISSION	TYPE OF ACTION			

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 shall 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 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 13. determined that the final site is ready for final inspection.)

Fracture Treat

New Construction

Plug and Abandon

Plug Back

See other side/attached

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) David Stewart	Title Sr. Regula	atory Analyst		
lo. Sol	Date 2(8(			
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 warrar certify that the applicant holds legal or equitable title to those rights in the subject leach which would entitle the applicant to conduct operations thereon.	it or Office			

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

Well: OXY HARRIER FEDERAL #1

Date: 12/22/2005 Daily Operations Report

FINISH MIRU MCVAY RIG #5, MIX SPUD MUD; FINISH CONDUCTOR PIPE;

SPUD 17 1/2" HOLE @ 5:15 PM, 12/21/2005; DRLG. FROM 40' TO 289';

WLS @ 273' - 1/2", WHILE WORKING ON WEIGHT INDICATOR;

DRLG. FROM 289' TO 643'; TO'ED 17 1/2" HOLE @ 5:15 AM, 12/22/2005;

CIRC. & CONDITION HOLE; TOOH TO RUN CASING;

Date: 12/23/2005 Daily Operations Report

FINISH TOOH;

RU CASERS & PU MACHINE;

HELD PRE JOB SAFETY MEETING;

RAN 16 JTS OF 13 3/8", 48#, H-40, ST&C CASING SET @ 643;RD CASERS;

RU HOWCO & CMT W/ 450sx HLCP W/ 2% CaCl2 + 25#/sx FLOCELE, WT-12.7ppg, 1.89 ft3/sx, CIRC 150sx CMT TO SURF;

PLUG DOWN @ 1:00 PM, 12/22/05; W.O.C. 6 HRS.;

CUT OFF CONDUCTOR & CASING; WELD ON 13 5/8", 3K WELLHEAD; TEST WELD TO 500#, OK;

NU ANNULAR PREVENTER AS DIVERTER;

PU & MU NEW 12 1/4" BHA: & TIH:

TEST DIVERTER & CASING TO 500#, TEST OK:

DRILLING CEMENT & PLUG;

Date: 12/24/2005 Daily Operations Report

24 Hr Summary: DRLG. FROM 643' TO 2108' WITH 3/4 HRS. FOR WLS, 1/2 HR. RIG SERVICE & 1/2 HR. RIG REPAIR;

Date: 12/25/2005 Daily Operations Report

24 Hr Summary: DRLG FROM 2108' TO 2317' WITH 1/4 HR RIG SERVICE; TOOH WITH BIT TO CASING SHOE; SITAB TIW VALVE, CLOSE TIW VALVE & ANNULAR; SD FOR

CHRISTMAS:

Date: 12/26/2005 Daily Operations Report

24 Hr Summary: SD FOR CHRISTMAS; ON MORNING TOUR OPEN UP WELL, NO PRESSURE; TIH; DRLG FROM 2317' TO 2466';

Data: 12/27/2005 Daily Operations Report

24 Hr Summary: DRLG FROM 2466' TO 2972' WITH 2 WLS, & 1/4 HR. SERVICING RIG;

Date: 12/28/2005 Daily Operations Report

24 Hr Summary: DRLG. FROM 2972' TO 3466' WITH 1/4 HR. SERVICING RIG;

Date: 12/29/2005 Daily Operations Report

24 Hr Summary: DRLG FROM 3466' TO 3999', WITH 1 HR. FOR 2 WLS & 1/4 HR. FOR SERVICING RIG;NO PROBLEMS;

Date: 12/30/2005 Daily Operations Report

24 Hr Summary: DRLG f/ 3999' - 4173', ROUND TRIP TO C/O BIT, DRLG f/ 4173' - 4340'

Date: 12/31/2005 Daily Operations Report

DRLG f/ 4340' - 4364'

R/U DAVIS FLUID CALIPER EQUIPMENT

DRLG f/ 4364' - 4406'

R/D DAVIS FLUID CALIPER EQUIP. ( 112% WASHOUT & 3016 CUFT ). DRLG f/ 4406' - 4540', TD 12 1/4" HOLE @ 4540' @ 12:30 PM 12-30-05

CIRC BOTTOMS-UP

TOH # CASING

R/U LAY DOWN MACHINE

L/D 8" DC's & 12 1/4" BHA

R/U CSG CREW & POWER TONGS, P/U & RAN 105 JTS TOTAL CSG (1752.66' of 9 5/8",HCK-55, 40#,LT&C, 8rd & 2785.97' of 9 5/8",J-55,36#,LT&C,8rd ), CSG DRESSED w/FLOAT SHOE & FLOAT COLLAR, FC@ 4492', FS @ 4540'

R/U HALLIBURTON CEMENTING HEAD & CIRC THRU CSG, R/D LAY DOWN MACHINE & CSG CREW.

R/U & TESTED CEMENTING LINES TO 3700 PSI, PUMPED 20 BBLS FW SPACER, MIXED & PUMPED 597 BBLS ( 1215 SKS INTERFILL "C" w/ 1/4# FLOWCELE @ WT= 11.5 PPG, YLD= 2.76 CUFT/SK), FOLLOWED BY 60 BBLS ( 250 SKS PREMIUM PLUS w/ 2% CACL @ WT= 14.8 PPG, YLD= 1.35 CUFT/SK), DROP PLUG & DISPLACED w/ 325 BBLS, BUMPED PLUG w/ 1200 PSI, CHECK FLOATS, HELD OKI, CIRC 100 SKS CMT TO SURFACE, R/D HALLIBURTON CMT LINES & EQUIPMENT.

BREAK & P/U BOP STACK, SET 9 5/8" CSG SLIPS w/ 120K, ROUGH CUT CSG, N/D BOP STACK, START INSTALLING "B" SECTION OF WELLHEAD.

Date: 01/01/2006

**Daily Operations Report** 

FNSH N/D BOP

MADE FINAL CUT ON 9 5/8" CSG, INSTALL "B" SECTION, TESTED VOID TO 2020 PSI, HELD OK

N/U 11" x 5M BOP STACK

STARTED TESTING BOP's, 4" x10M MANUAL VALVE ON CHOKE LINE, DID NOT TEST, WOULD NOT HOLD PRESSURE, REMOVE SAME.

W/O 4" x 10M VALVE.

INSTALL 4" X 10M MANAUL VALVE, FNSH TESTING BOP, TESTED BOP, CHOKE MANIFOLD, STAND PIPE, ALL FLOOR VALVES TO 250 PSI LOW & 5000 PSI HI, TESTED HYDRIL TO 250 PSI LOW & 2500 PSI HI

P/U 8 3/4" BIT & DRLG BHA

R/U LAY DOWN MACHINE & P/U 21 - 6" DC's.

R/D LAY DOWN MACHINE

TIH w/ 8 3/4" BIT & DRLG BHA, TAG CMT @ 4490"

TESTED 9 5/8" CSG TO 1500 PSI, HELD OKI

DRILL OUT CEMENT & FLOAT EQUIPMENT.

Date: 01/02/2006 **Daily Operations Report** FNSH DRLG OUT CMT & FLOAT EQUIPMENT TO 4540°

**DRLG NEW FORMATION 1/ 4540' - 4550'** 

PERFORM EMW TO 11.5 PPG (734 PSI w/ 8.4 PPG MUD) HELD OKI

DRLG # 4550' - 4571" SERVICE RIG DRLG # 4571' - 5073'

RAN SURVEY @ 5024' = 1 Deg.

DRLG # 5073' - 5380'

Date: 01/03/2006 **Daily Operations Report** 

DRLG f/ 5380' - 5778' & RAN SURVEY 24 Hr Summary:

Date: 01/04/2006 **Daily Operations Report** 

ROUND TRIP TO C/O BIT. DRLG. f/ 5778' - 6203' 24 Hr Summary:

Date: 01/05/2006 **Daily Operations Report** 

24 Hr Summary: DRLG 1/ 6203' - 6765' & RAN SURVEY

Date: 01/06/2006 **Daily Operations Report** 

24 Hr Summary: DRLG # 6765' - 7340' & RAN SURVEY

Date: 01/07/2006 **Daily Operations Report** 

DRLG 1/ 7340'-7519, RAN SURVEY, DRLG 1/ 7519-7559', ROUND TRIP TO C/O BIT, DRLG 1/ 7559'-7657' 24 Hr Summary:

Date: 01/08/2006 **Daily Operations Report** 

DRLG 1/7657' - 8082' & RAN SURVEY 24 Hr Summary:

Date: 01/09/2006 **Daily Operations Report** 

24 Hr Summary: DRLG 1/8082' - 8618' & RAN SURVEY

Date: 01/10/2006 **Daily Operations Report** 

24 Hr Summary: DRLG f/ 8618' - 9040' & RAN SURVEY

Date: 01/11/2006 **Daily Operations Report** 

DRLG 1/ 9040' - 9507' & BOP DRILL 24 Hr Summary:

Date: 01/12/2006 **Daily Operations Report** 

24 Hr Summary: DRI G #/ 9507' - 9757' & RAN SURVEY

Date: 01/13/2006 **Daily Operations Report** 

24 Hr Summary: DRLG f/ 9757'- 9993', BOP DRILL, & RAN SURVEY

Date: 01/14/2006 **Daily Operations Report** 

24 Hr Summary: DRLG f/ 9993' - 10019', ROUND TRIP TO C/O BIT, CUT DRLG LINE, WASH & REAM TO BOTTOM, DRLG f/10019' - 10140'

Date: 01/15/2006 **Daily Operations Report** 

DRLG f/ 10140' - 10385' & RIG REPAIR 24 Hr Summary:

Date: 01/16/2006 **Daily Operations Report** 

24 Hr Summary: DRLG 1/ 10385' - 10553' & RAN SURVEY

Date: 01/17/2006 **Daily Operations Report** 

24 Hr Summary: DRLG 1/ 10553' - 10795' & BOP DRILL

Date: 01/18/2006 **Daily Operations Report** 

24 Hr Summary: DRLG 1/ 10795' - 10986' & SERVICE RIG Date: 01/19/2006

**Daily Operations Report** DRLG # 10986' - 11180' & RAN SURVEYS 24 Hr Summary:

Date: 01/20/2006 **Daily Operations Report** DRLG # 11180'- 11398', BOP DRILL, DRLG # 11398' - 11415', TOH # 8 24 Hr Summary:

Date: 01/21/2006 **Daily Operations Report** 

24 Hr Summary: CONTD TOH ,INSPECT DC's & BHA, C/O BIT, TIH, WASH & REAM 60' TO BOTTOM, DRLG #/ 11415' - 11504'

Date: 01/22/2006 24 Hr Summary: DRLG # 11504' - 11695', & SERVICE RIG

Date: 01/23/2006 **Daily Operations Report** 

24 Hr Summary: DRLG #/ 11695' - 11767', LOST PUMP PRESSURE, PUMPED SOFT LINE, TOH #/ HOLE IN DP, FOUND HOLE 1st JT OF DP ABOVE DC's, TIH, REPLACE ROT

**Daily Operations Report** 

HEAD, WASH & REAM TO BOTTOM, DRLG # 11767' - 11792'

Date: 01/24/2006 **Daily Operations Report** 

DRLG # 11792'- 11974', SERVICE RIG & RAN SURVEY 24 Hr Summarv:

Date: 01/25/2006 **Daily Operations Report** 

DRLG # 11974'- 12109', DRLG BREAK # 12104' -12108', P/U & CHECK # FLOW, FLOWING, CLOSED WELL IN ( SIDP = 600 psi, SICP = 400 PSi, GAINED 40 BBLS 24 Hr Summary:

), CIRC THRU CHOKE MANIFOLD, MIXING BAR, CIRC BOTTOMS UP, HAD 25' FLARE, CONTD CIRC THRU CHOKE & RISING MW

Date: 01/26/2006 **Daily Operations Report** 

24 Hr Summary: CONTD TO CIRC THRU CHOKE MANIFOLD & INCREASE MW TO 10.9 PPG, OPEN WELL UP, DRLG (/ 12109'-12171'

Date: 01/27/2006 **Daily Operations Report** 

DRLG # 12171' - 12230', TD 8 3/4" HOLE @ 12230', CIRC BOTTOMS-UP, SHORT TRIP 20 STDS, CIRCULATING BOTTOMS-UP AFTER SHORT TRIP 24 Hr Summary:

Date: 01/28/2006 **Daily Operations Report** 

24 Hr Summary: FNSH CIRC BOTTOMS-UP, SLUG DP, DROP TOTCO, TOH I/ LOGS, R/U BAKER ATLAS, RUN OPEN HOLE LOGS

Date: 01/29/2006 **Daily Operations Report** 

24 Hr Summary: FNSH RUNNING OPEN HOLE LOGS, R/D LOGGERS, TIH, CIRC BOTTOMS-UP, R/U LAYDOWN MACHINE, POH L/D DP & DC's Date: 01/30/2006

## **Daily Operations Report**

FNSH L/D DP & DC's

R/U CSG CREW & POWER TONGS.

P/U & RAN 296 TOTAL JTS 5 1/2" CSG. 91 JTS 5 1/2",17#, HCP-110, 8rd, LT&C ( 3812.60'), FOLLOWED BY 205 JTS 5 1/2", 17#, L-80, 8rd, LT&C (8439.05'), FC @ 12183.20', & FS @ 12227.72'

R/U CMTNG HEAD, CIRC THRU 5 1/2" CSG. ( ALSO R/D CASING CREW & LAY DOWN MACHINE ). HELD PRE-JOB SAFETY MEETING W/ HALLIBURTON

RAU HALLIBURTON, TESTED LINES TO 3000 PSI, PUMPED 10 BBLS FW SPACER, 24 BBLS SUPERFLUSH 102, 10 BBLS FW SPACER, MIXED & PUMPED 597 BBLS LEAD CMT SLURRY ( 1215 SKS INTERFILL "H" w/ 0.1% HR-7, WT= 11.5 PPG, YLD= 2.76 CUFT/SK ) FOLLOWED BY 130 BBLS TAIL CMT SLURRY ( 440 SKS PERMIAN BASIN SUPER "H" w/ 0.35 % HR-7 + 0.5% HALAD(R)-344+ 0.4% CFR-3 + 1 PPS SALT + 5 PPS GILSONITE, WT= 13.0 PPG, YLD= 1.67 CUFT/SK ), DROPPED PLUG DISPLACED w/ 284 BBLS FW, DID NOT BUMPED PLUG, PUMPED 2 1/2 BBLS OVER DISPLACEMENT, CHECK FLOATS, HELD OKI, R/D HALLIBURTON.

BREAK BOP STACK, P/U STACK

SET 5 1/2" CSG SLIPS w/ 160K, ROUGH CUT 5 1/2" CSG

N/D & REMOVE BOP STACK

INSTALL "C" SECTION OF WELLHEAD, TESTED VOID TO 5000 PSI, HELD OKI, INSTALL X-MAS TREE

CLEANING & JETTING STEEL PITS

Date: 01/31/2006

Daily Operations Report

FNSH CLEANING & JETTING STEEL PITS, RIG RELEASED @ 9:00AM 1-30-2006