Form 3160-5 (August 1999)

1. Type of Well

3a. Address

Oil Well

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

BHL - 1944 FSL 660 FWL NWSW(L) Sec 10 T22S R24E

Final Abandonment Notice

OCD-ARTES

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

Lease Serial No.

11 County or Parish, State

Water Disposal

NM-53219

6. If Indian, Allottee or Tribe Name

"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. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side 8. Well Name and No X Gas Well Other McKittrick 10 2. Name of Operator Federal OXY USA WTP Limited Partnership 9. API Well No. 3b. Phone No. (include area code) 30-015-35231 P.O. Box 50250, Midland, TX 79710-0250 432-685-5717 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Indian Basin Up Penn Assoc SL - 2647 FSL 660 FWL NWSW(L) Sec 10 T22S R24E

CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Acıdize Production (Start/Resume) Water Shut-Off Notice of Intent Deepen Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair New Construction Other Completion Recomplete Change Plans Plug and Abandon Temporarily Abandon

Plug Back

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

Convert to Injection

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See other side/attached

ACCEPTED FOR RECORD AUG 1 6 2007 LES BABYAK PETROLEUM ENGINEER

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14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	itle	
David Stewart_	Sr. Regulatory Analyst	
Da. Stat	rate 8\8(07	
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 warrant of 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	

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.

#### **MCKITTRICK 10 FEDERAL #1**

03/05/2007 CMIC: Nichols

Move in Key Well Service Unit. Spot matting boards. Rig up unit. Nipple down wellhead. Nipple up BOP. Unload, rack, and tally 300jts of 2 7/8"tbg. RIH with 6 1/8" Varrel Bit, bit sub, 6-4 3/4" drill collars, top sub on 1 joint 2 7/8"tbg. Secure well SD.

03/07/2007 CMIC: Nichols

Continue to RIH with tubing. Tag up at 6018'. Hook up to drill. Clean out cement to 6022'. Drill out DV Tool at 6022'. Run throught DV tool with bit several times to clean off burrs. RIH to 6066'. CHC. Test csg. To 1500#. Held. RIH and tag up solid at 8643'. Lay down 1 joint tubing. Hook up to displace hole with fresh water. Secure Well. SD.

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Displace hole with 350 bbl. Freshwater. POOH with tubing and lay down drill collars. RIH with 6 1/8 bit - 7" casing scraper on 191 joints 2 7/8 tubing. Work scraper thru DV tool several times. RIH and tag up at 8643'. POOH with tubing and 7" scraper. Secure Well. SD.

03/09/2007 CMIC: Nichols

Rig up Halliburton wire line. RIH and pull CBL log from 8643' to 6012'. Pull 2nd. Pass under 1000# pressure. Log out of hole and found top of cement on 1st stage at 6050'(28' below DV Tool), found TOC on 2nd stage @ 1170. POOH and lay down logging tools. Talked w/Fred Wright w/ BLM. He said that we had to have cement to surface. He gave verbal approval to shoot holes above TOC and braiden head squeeze top of 7". RIH with gun and shot 2 holes at 1150'. POOH and rig down wireline. Pump down 7" casing. Caught circulation with 8 bbls. Fresh water. Well circulated at 3 BPM at 0# pressure. Secure Well.SD. Will squeeze today.

03/10/2007 CMIC: Nichols

Rig up Halliburton cement pump truck. Test lines to 3000#. Establish circulation with 5 bbl Fresh water. Pump 5 bbl. Fresh water pad. Pump 180 sx. Premium plus cement with 2% Calcium Chloride. Displace with 51 bbl. Fresh water. Had good circulation through job, but cement did not circulate. Close Well in . Secure Well. RU Pro wireline truck and ran temp survey 8 hrs after pumping cement (5:00 pm). Tagged at 990', found TOC @ 265'. RD Wireline truck. SD.

03/12/2007 CMIC. Nichols

Well perf and resqueeze today

03/13/2007 CMIC: Nichols

RU Halliburton Wireline truck. Shot 2 holes in 7" csg @ 225. RD WL Truck. Broke circ down 7" and up 9 5/8 w/ 10 bbls wtr at 1 1/2 BPM @ 1000#. Waited on Halliburton cement truck for 5 hrs. RU Halliburton. Mixed and pumped 180 sx CMT-Premium plus cement @1.5 B/M @ 780#. Good circulation throught job. Closed backside and built pressure to 1400#. SI 7". Circulated 88 sxs cement to pit. SD till Wednesday WOC

03/14/2007 CMIC: Nichols WOC Will drll out today 03/15/2007 CMIC: Nichols

0 pressure on well. RIH with 6 1/8 bit - 7" csg. Scraper - Bit sub - 4 4 3/4 od drill collars -btop sub on 2 joints 2-7/8 tubing. Tagged up at 192'. Rig up to clean out. Test well to 500#. Held. Clean out cement from 192' to 280'. Fell out of cement. RIH to 327'. CHC. Test to 500#. Held. RIH and tag up at 993'. Drill out cement from 993' to 1165'. Fell out of cement. RIH to 1250'. CHC. Test well to 500#. Held. Displace hole with 50 bbl. Fresh Water. Rig down Swivel. POOH with tubing. Lay down drill collars. Secure Well. SD.

03/16/2007 CMIC: Nichols

0 pressure on well. Rig up Halliburton wire line truck. Perforate the Cisco Formation from 8108' to 8260' @ 2 SPF (total 306 holes) with 4" guns loaded with Millenium 23 grain charges. 34" Penetration. In 8 runs. Rig down Halliburton. RIH with Baker 7" Retrieve a matic packer - 2 7/8 S/N on 257 joints 2 7/8 tubing. Set packer at 8045' in 16,000# compression. Secure Well. SD.

03/17/2007 CMIC. Nichols

0 pressure on backside. Tubing on vacumn. RIH with swab. IFL at 2500'. EFL at 7200'. Recovered 68 bbl. In 20 runs. No oil show. No gas show. Lay down swab. Secure Well. SD.

03/20/2007 CMIC Nichols

0 pressure on backside. Slight blow on tubing. RIH with swab. IFL at 7200'. FFL at 7200'. Recovered 53 bbl. In 16 runs. No oil show. No gas show. Lay down swab. Secure Well. SD.

03/21/2007 CMIC: Nichols

0 pressure on backside. Slight blow on tubing. MIRU Halliburton. Test Lines to 7000#. Acidize the "Cisco" formation using 19000 gal. 15% Ferchek Acid. Droping 200 Bio-Balls as diverter( no action). Over flush acid to formation with fresh water. Shut down. Close Well in and RD Halliburton. Max press=4938, Avg press-3692. Avg Rate= 13.1 b/m, Max Rate= 14.3 b/m. ISIP=vacuum. Total load to recover= 555 bbls. RIH with swab. IFL at 6500'. FFL at 7200'. Recovered 58 bbl. in 12 runs. TBLWTR =497 bbls. No oil show. Some gas while pulling swab.(acid gas). Lay down swab. Secure well. SD.



#### 03/22/2007 CMIC. Nichols

0 pressure on backside. 220# on tubing. Bled tubing down in 10 minutes. RIH with swab. IFL at 7200. FFL at 7200'. Recovered 45 bbl fluid in 18 runs. Slight gas when pulling swab. 0 oil. Lay down swab. Secure Well. SD.

## 03/23/2007 CMIC. Nichols

0 pressure on backside. 170# on tubing. Bled tubing down in 10 minutes. RIH with swab. IFL at 7200. FFL at 7200'. Recovered 11 bbl fluid in 4 runs. TBLWTR 396. Slight gas when pulling swab. 0 oil. Lay down swab. Unset packer and POOH with 127 stands 2 7/8 tubing - 2 7/8 seating nipple and packer. Secure Well. Install Hydrill on top of BOP. SD.

# 03/24/2007 CMIC: Nichols

Picked up shroud, motors, and pumps. RIH w/ bottom shroud @ 8365 (290' above PBTD). Pump intake @ 8285' (25' below bottom perf.). NO check valve or drain valve. Ran 260 its 2.7/8 EUE 8 rd L-80 tbg. ND BOP 

## 03/27/2007 CMIC: Nichols

RD Pulling unit and reverse unit and moved both to Shelby 12-8.

DATE	OIL	WTR	GAS	TBG	CSG
3/30/07		1288	3	406	158
3/31/07		3126	94	363	41
4/1/07		2992	103	370	40
4/2/07		3003	100	369	43
4/3/07		3310	105	370	41
4/4/07		3073	109	363	41
4/5/07		2939	115	359	39
4/6/07		3158	123	372	45
4/7/07		2942	121		132
4/10/07		2466	57	360	43
4/11/07		3110	62	370	39
4/12/07		3206	144	381	52
4/13/07		3026	156	391	49
4/14/07		2888	158	368	50
4/15/07		3121	156	389	50
4/16/07		3085	168	383	47
4/17/07		3030	172	371	51
4/18/07		3058	175	390	50
4/19/07		3058	175	390	50
4/20/07		3067	183	397	54
4/21/07	11	3093	189	391	51
4/22/07	20	2979	190	382	52
4/23/07	9	3086	194	381	53
4/24/07	11	3169	197	381	48
4/25/07	11.	3070	199	380	52
4/26/07	12	3271	202	378	52
4/27/07	11	2979	204	378	54
4/28/07	12	3149	208	382	53
4/29/07	12	3055	209	383	52
4/30/07	12	3211	210	360	55
5/1/07	13	3073	214	374	53
5/2/07	12	3167	219	370	48
5/3/07	12	3299	218	379	45
5/4/07	12	3054	222	379	42
5/ <b>5/07</b>	13	3115	224	372	42
5/6/07	14	3258	225	372	42
5/7/07	12	3056	225	367	46
5/8/07	14	3266	228	367	46
5/9/07	11	2919	226	337	48
5/10/07	14	3414	235	337	56