Form 3160-5 (April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

5 Lease Serial No

-				
NMNM070522A				
6	If Indian, Allottee or Tribe Name			

Do not use this form for proposals to drill or to re-enter an

abandoned well. Use For	m 3160-3 (APD) for such proposals. OCD Artesia	
SUBMIT IN TRIPLICATE -	Other instructions on reverse side	7 If Unit or CA/Agreement Name and/or No
1 Type of Well  X Oil Well Gas Well Other  2 Name of Operator OXY USA WTP Limited Partnership  3a Address P.O. Box 27570, Houston, Texas 7722  4 Location of Well (Footage, Sec., T., R., M., or Survey (K) 1500' FSL & 1500' FWL of \$25, T	Description)	8 Well Name and No Indian Basin fas #1 25f Federal 9 API Well No 30-015-10710 10 Field and Pool, or Exploratory Area Wildcat-Yeso  11 County or Parish, State Eddy NM
12. CHECK APPROPRIATE	BOX(ES) TO INDICATE NATURE OF NOTICE, RE	
TYPE OF SUBMISSION	TYPE OF ACTION	V
X Notice of Intent Subsequent Report Final Abandonment Notice	Alter Casing Fracture Treat Reclama  Casing Repair New Construction X Recomp	ete Other
Attach the Bond under which the work will be per following completion of the involved operations. I testing has been completed. Final Abandonment I determined that the final site is ready for final inspect.	ack and recomplete this well into the Yeso for apletion Project.	ertical depths of all pertinent markers and zones subsequent reports shall be filed within 30 days new interval, a Form 3160-4 shall be filed once ion, have been completed, and the operator has
SEE ATTACHED FOR CONDITIONS OF APPROVAL	Accepted for record - NMOCD NMOCD AF	2011
14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Jereme W. Robjinson	Tule Regulation And	DED
1-11-	Date 03/18/2011	
THIS	SPACE FOR FEDERAL OR STATE OFFICE USE 3	2011
Approved by Led M Mor and Conditions of approval, if any, are attached Approval of certify that the applicant holds legal or equipoble title to which would entitle the applicant to conduct operations the	f this notice does not warrant or those rights in the subject lease CARLSBAD FIE	MANAGEMENT

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

# Indian Basin F 25 Federal #1 Oxy USA 30-015-10710 July 12, 2011 Conditions of Approval

# **Summary of Current Status:**

- Vertical well drilled 1965 to 7567'. 5-1/2" Prod Csg. Gas well in Upper Penn formation.
- Deepened to 7885' MD in Aug 1994. Ran and cemented 4-1/2" Production Liner.
- Sidetrack in openhole at 5600' MD. JIH, Sidetrack again. Deepen well to 8200'...
- Cemented new 5-1/2" Csg. PBTD is TOC at 8290' TD. Max inclination 21.8° at 6434'.
- JIH is fish at 7390'- 7837' (ESP) per Sundry current wellbore diagram.
- 7502'-8052' Open Perforations in Cisco, below JIH.
- Well is located in the OXY Yeso Recompletion Project.

# **Sundry Request:**

- 1. Recover Fish. Set CIBP at approximately 7452'. Test to 500 psi.
- 2. Run USIT in cement and corrosion mode. Repair csg as required. Place 35 sx cmt on CIBP.
- 3. Plug back from Cisco formation, bypassing the Wolfcamp and the Bone Spring formations.
- 4. Set CIBP at 2814'. Test to 500 psi for 30 minutes. Run CBL-VDL-GR-CCL-DSI. Repair cement in wellbore above 2814' (new PBTD) as required.
- 5. Perforate and frac in the Yeso. Run pump and rods.
- 6. Evaluate well as part of the OXY Yeso Project as presented to the BLM on 5/28/2010.

# **Conditions of Approval:**

- a) Surface disturbance not to exceed originally approved pad without prior approval.
- b) Closed Loop System to be used.
- c) In the event that an Annuli Survey is done, the measured pressures (if any) and the observed effluents (if any) of each annulus, should be reported to the BLM, with the amounts of any H2S or CO2 also reported.
- d) Wellbore fluid in plugback intervals to be a mud laden fluid with overbalance density in accordance with Onshore Order 2. Minimum consistency is 25 sx gel / 100 bbls brinewater.
- e) All cement plug volumes to be in compliance with Onshore Order 2, including 25 sacks, minimum, and including an additional 10% of slurry per 1000' of depth for pumped slurries.
- f) Oral approval must be obtained from the BLM for any casing repairs or other unforeseen activities that are identified as needed after work is initiated; with this information to be provided to the BLM in a subsequent Sundry document.
- g) Plug 1 OK. Set bridge plug at 7452'. BP to be set 50' to 100' above top of perforations at 7502'. Operator has option to place 35' of cement on BP, if done by bailer. Tag of plug must be witnessed by BLM. (Top Cisco Perforations at 7502')
- h) **Plug 2** OK. Cement proposed for interval 6399'-6499' Must be 130' slurry volume. (Top Wolfcamp 6449')
- i) Plug 3 Adjust plug depth and length for interval 5350'-5650'. (Openhole sidetrack KOP)
- j) **Plug 4** Adjust BP setting to 2714', which is 50' above top Bone Springs. Must have cement on top of CIBP at 2714' for isolation. Operator has alternative option to utilize 100' cement plug 50' above to 50' below top of Bone Springs (Top Bone Springs 2764').
- k) Operator to provide BLM with copy of logs run including digital format if available, subsequent Operations Report, and Completion Report.

TMM 07/12/2011

### Indian Basin F 25 Federal #001 API#: 30-015-10710

Lease #: NMNM070522A LOCATION: Sec. 25, T21S-R23E SHL: 1500' FSL & 1500' FWL EDDY COUNTY, NEW MEXICO

**CURRENT WELL INFORMATION: All Depths Are Measured Depths** 

Spud Date: Nov 20, 1965 w/ new csg ran in 2004

TD: 8200' MD PBTD: 8200' MD PLUGBACK: Top Fish 7390'

**PERFORATIONS:** 

7502-8052' (existing Cisco - re-entry)

2250-2455' (Proposed Yeso)

#### **CASING DETAIL:**

SIZE (IN)	WT (LB/FT)	GRADE	DEPTH (FT)	BIT SIZE (INCH)	CMT (SX)	TOC (FT)	TECHNIQUE (TS, CBL, CIRCULATED, CALCULATED)
13 3/8	48	K-55	217	17 ½	250	0	Circulated
8-5/8	24	J-55	1800	12 1/4	1870	0	Circulated
5 1/2	17	L-80	8200	7 7/8	460	0	Circulated

TUBING DETAIL (current): No tubing in hole.

ANY KNOWN CASING PROBLEMS: Fish (ESP) in 5 ½" csg from 7390-7837.

#### RECOMMENDED PROCEDURE:

Notify BLM-CFO, 24-hours prior to beginning work or test.

- 1. RIH attempt to fish below 7452'
- 2. RIH and set a CIBP at ~7452'. POOH. Pressure test the CIBP to 500 psi.
- 3. RIH with USIT in cement mode and corrosion mode from 3500' to surface. Evaluate log and repair the casing as required.
- 4. Spot 35sx of "H" cement on the CIBP @ 7452'. WOC-tag. top at 7352'.
- 5. Spot 35sx "C" cement from ~6499-6399. WOC-tag.
- 6. Spot 35sx "C" cement from 4725'-4625'.
- 7. Set CIBP at 2814'. Test CIBP to 500 psi for 30 mins
- 8. RIH with CBL-VDL-GR-CCL and log the well from 2700' to surface, to confirm cement bond quality and confirm perforations. Repair the cement as required.
- 9. Perforate the Yeso from 2250-2455'.
- 10. Frac the Yeso with 2,350 bbl of x-link gel and 287,000# of 30/50 proppant (last 40% resin coated).

- 11. Clean out the well.
- 12. RIH with 2 7/8" tubing, PC pump, and rods, to recover the frac load and produce the well.

Proposed PBTD: 2814' Proposed Perf: 2250-2455'

OXY request of the BLM to allow any necessary changes at the recommendation of the BLM-CFO to amend part 1-4 of the procedure pending the outcome of fishing without extended delay. OXY Field Personnel are to contact OXY PC and PE immediately if unsuccessful fish and wait for work recommendation from OXY/BLM

If well is unproductive of Hydrocarbons plans will be submitted to P&A well. This well is in part and consideration of the OXY Yeso Project presented to the BLM on 5/28/2010.

See attached Wellbore Diagrams

# OXY USA WTP LP Indian Basin F25 Fed. #1 API No. 30-015-10710

17-1/2" hole @ 217' 13-3/8" 48#, K-55 csg @ 217' w/ 250sx-TOC-Surf-Circ

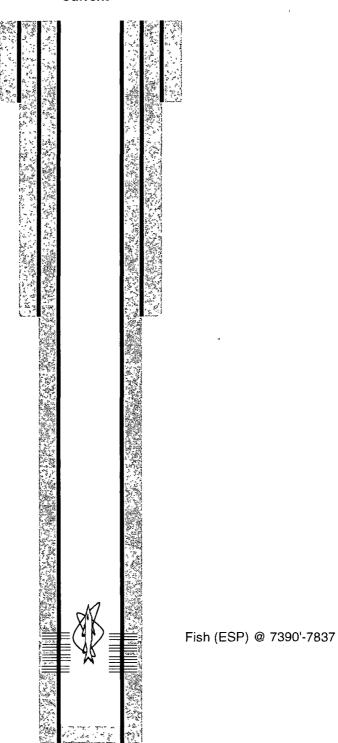
12-1/4" hole @ 1875' 8-5/8" 24#, J-55 csg @ 1875' w/ 1870sx-TOC- Surf- Circ

7-7/8" hole @ 8200' 5-1/2" 17#, L-80 csg @ ' w/ 460sx-TOC- Surf- Circ

Perforations: 7502-8052' (Existing Cisco)

JWR 03/21/2011

## Current



**OXY USA WTP LP** ' Indian Basin F25 Fed. #1 Lease: NMNM070522A API No. 30-015-10710 **Eddy County, New Mexico** 

17-1/2" hole @ 217' 13-3/8" 48#, K-55 csg @ 217' w/ 250sx-TOC-Surf-Circ

12-1/4" hole @ 1875' 8-5/8" 24#, J-55 csg @ 1875' . w/ 1870sx-TOC- Surf- Circ

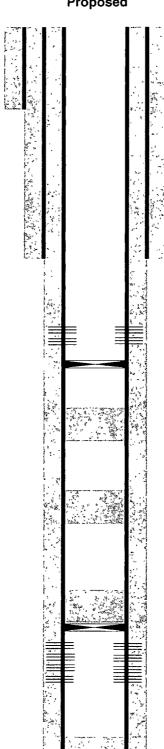
PBTD: 2814'

7-7/8" hole @ 8200' 5-1/2" 17#, L-80 csg @ ' w/ 460sx-TOC- Surf- Circ

Perforations: 7502-8052' (Existing Cisco) 2250-2455' (Proposed Yeso)

JWR 03/21/2011

# **Proposed**



Perf @ 2250-2455

CIBP @ 2814'

Plug @ 4725-4625' w/ 35sx "C"

Plug @ 6499-6399 w/ 35sx "C" WOC-Tag (Wolfcamp)

CIBP @ 7452' w/ 35sx "H" cmt to 7352' WOC-TAG (Cisco Plug)