

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-28746
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator BOPCO, L.P.		6. State Oil & Gas Lease No. 001789
3. Address of Operator P.O. Box 2760 Midland, TX 79702		7. Lease Name or Unit Agreement Name Merchant State
4. Well Location Unit Letter <u>1</u> : <u>1980</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>1</u> Township <u>19S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3399'		9. OGRID Number 260737
		10. Pool name or Wildcat East Millman (Yates SR-QN-GB-SA) East

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOBS ☐

OTHER: ☐

**Notify OCD 24 hrs. prior
to any work done.**

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BOPCO, L.P. respectfully requests permission to plug and abandon the subject wellbore as follows:

1. MIRU Maverick Well Pluggers and plugging equipment. Set open top steel pit for plugging. ND WH & NU 3,000 psi manual BOP for 2-3/8" tubing.
2. TIH and tag cement plug @ 2,512'.
3. Test 2-3/8" x 5-1/2" annulus to check tubing integrity. Circulate w/ 9.5 ppg mud.
4. Spot 25 sxs Class C cmt from 405' - 255'. WOC & TAG.
5. PUH and spot 20 sxs Class C cmt from 60' to Surface and inside 5 1/2" x 8 5/8" annulus from 38' to surface.
6. ND BOP and cut off wellhead 5' below ground level. Rig down.
7. Set P&A marker and remediate location.
8. Use steel tank and haul all fluids.

Spud Date:

01/15/1996

Rig Release Date:

02/11/1996

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Valerie Truax

TITLE Regulatory Admin Assistant

DATE 05/14/2010

Type or print name Valerie Truax

E-mail address: vltruax@basspet.com

PHONE: (432)683-2277

For State Use Only

APPROVED BY:

[Signature]

TITLE

Approval Granted providing work
is complete by 5/18/2010

DATE 5/14/2010

Conditions of Approval (if any):

PROPOSED PLUG AND ABANDON WELLBORE DIAGRAM

Lease: **MERCHANT STATE** Well No.: **2**
 Field: **TURKEY TRACK NORTH**
 Location: **1980' FSL & 660' FWL, SEC 1, T19S, R28E**
 County: **EDDY** St: **NM** API: **30-015-28746**

KB. 3419 1
 GL: 3402
 Spud Date: 1/15/1996
 Compl. Date: 2/24/1996

Surface Csg.

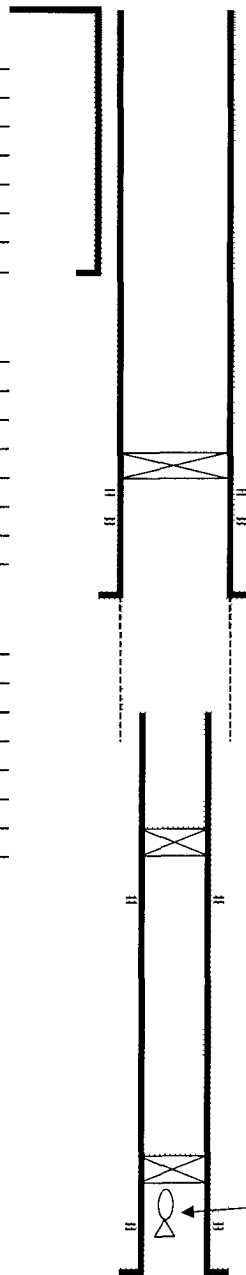
Size: 11-3/4"
 Wt: 42#
 Grd: WC-40
 Set @: 330'
 Sxs cmt: 300
 Circ: Y
 TOC: Surface
 Hole Size: 14-3/4'

Intermediate Csg.

Size: 8-5/8"
 Wt: 32#
 Grd: HCK-55
 Set @: 3202'
 Sxs Cmt: 1500
 Circ: N
 TOC: 38' Tagged
 Hole Size: 11'

Production Csg.

Size: 5-1/2"
 Wt: 17#
 Grd: K-55
 Set @: 11225'
 Sxs Cmt: 750
 Circ: N
 TOC: 6000' est
 Hole Size: 7-7/8"



Surface Plug - 80' - 0', 20 sxs CI C cmt
 also spot cmt in 5 1/2" x 8 5/8" annulus
 from 38' to Surface.

330' 11 3/4" csg
 Shoe Plug - 255' - 405', 25 sxs CI C cmt
 WOC & TAG

2547' CIBP w 35' cmt (7/27/2004)
 2597-2601' Perf, 4 jspf (12/20/96)
 2692-2704' Perf, 12 shots

3039-3308' Cmt plug 80 sx Class C (12-19-97)
 3202' 8 5/8" csg

4921-5067' Cmt plug 35 sx Class C (12-18-96)
 5000' Cut & pull all 5-1/2" csg (12/18/96)
 5100' TOC (CBL)

7670' CIBP w 35' cmt (12/17/96)

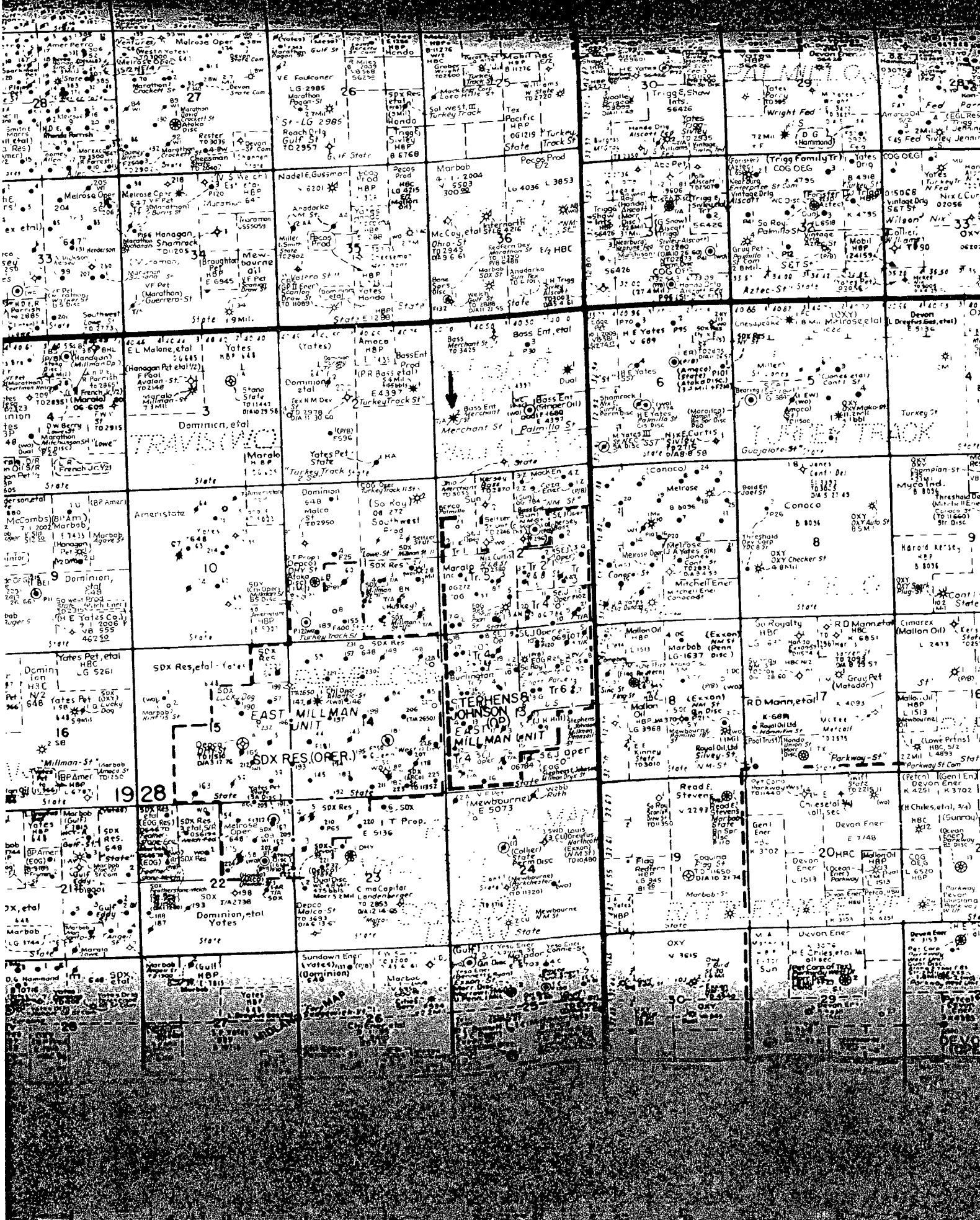
7720-30' Perf, 20 holes, 2 jspf, 0° phase (10/18/96)

8731' Cmt plug 20 sx Class C (12-15-96)

10900' CIBP w 35' cmt
 49' tbg-conveyed perf guns
 10971-73', 11008-20' Perf 2 spf (2/17/96)
 11225' 5 1/2" csg

TD: 11225'

Updated: 5/12/2010
 Author: crm
 Engr: CCC



WELL HISTORY
MERCHANT STATE #2
TURKEY TRACK, NORTH (MORROW)/E. MILLMAN (QU/GB/SA)
UPDATED 08/02/04

LOCATION: 1980' FSL & 660' FWL, SEC 1, T19S, R28E
EDDY COUNTY, NM

ELEV: GL: 3402' DF: 3418' KB: 3419

SPUD DATE: 1/15/96

COMP DATE: 2/24/96

ORIG TD: 11,225'

ORIG PBDT: 11,133' (float collar)

CURRENT TD: 11,225'

CURRENT PBDT: 2,512'

CASING:

11-3/4" 42# WC-40 ST&C CSA 330' w/300 sx, TOC Circ, 14-3/4" hole 0-330'.
8-5/8" 32# HCK-55 LT&C CSA 3202' w/1500 sx, TOC 38' (tagged), 11" hole 330-3202'.
5-1/2" 17# K-55 & N-80 LT&C CSA 11,225' w/750 sx, TOC 6000' (est.),

LINER: NONE

OPEN HOLE: 7-7/8" hole 3202-11,225'.

TUBING: 2-7/8" tubing

DST:

CORES:

LOGS:	DATE:	DEPTH:	LOGGERS TD:
DLL/MSFL/LDT/CNL	01/21/96	330-3083'	
LDL/CNL/LDT	01/21/96	150-3050'	
LDL/CNL	02/10/96	3202-11,189'	
DLL/MSFL	02/10/96	3202-11,221'	

INITIAL COMPLETION

02/14/96-02/25/96

02/17/96 **PERF 10,971-73' & 11,008-20', 2 SPF.** Flow. Run Arc press srvy. BHP @ 4280.93# w/173.79°F & SP 3192#. Place on prod. Run **4-pt test:** **1st rate**-12/64" chk, 2269 MCFD @ start falling to 1681 MCFD, 3125# FTP falling to 1919# FTP. 7 BO+0 BW in 6 hrs. **2nd rate**-15/64" chk, 2460 MCFD @ start falling to 1650 MCFD, 1919# FTP falling to 1410# FTP. 3 BO+0 BW in 6 hrs. **3rd rate**-17/64" chk, 3200 MCFD @ start falling to 1465 MCFD, 1410# FTP falling to 850# FTP. 5 BO+0 BW in 6 hrs. **4th rate**-20/64" chk @ 5:15 AM 2500 MCFD. Continue to flow test. SI f/BU 02/25. **IP:**

RECOMPLETION

03/19/96

RIH w/GR-CCL temp tool & velocity tracer tool to 10,600'. Run base temp log f/10,600'-11,029', BHT 171.5°F @ 11,029'. Velocity surveys @ ejector depths 10,905', 10,915', 10,925', 10,940', 10,950', 10,960', 10,980', 10,987', & 11,000'. Run 1st flwg temp log 10,864'-11,015'. No cooling. 2nd flwg temp log over same interval. BHT cooled 2-5°F. TFT 2 hrs, FTP 2500#-2025#.

05/31/96 BHP w/gradient stops @ 10,000', 9000', 7000', 5000' & 0'.

PERF & FRAC BONE SPRINGS (DOLO)

10/17/96-11/04/96

Rel pkr @ 10,829. Set CIBP @ 10,900' w/35' cmt on top. Test 5 1/2" csg 4000#--OK. Ran GR-CCL-CBL 8000'-5100' (TOC).

PERF 7720-7730' W/2JSPF (20 HOLES) @ 0° PHSG. BD perfs @ 7720-7730' w/10# BW @ 3200#. Circ 500 gls 15% NEFE HCL inhibited acid & **acidize** perfs @ 4.43 PBM & 3730# TP & 3062# CP. Increase rate to 5.81 BPM & 4760# TP & 3100# CP, brkg to 1121# CP. Increase rate to 7.47 BPM & 3264# TP & 1208# CP. ISDP 750#. **Frac** Bone Springs perfs 7720-7730'. Screened out w32,190# 20/40 Brady Sd into frm. Swab, encountered sever sand problem. Tag sand fill @ 7685', wash sand to 7735'. Swab, rec 100% wtr, w/moderate show of gas. Swab 95% wtr, 5% oil cut w/mod show of gas, FL @ 2300'FS. POP. AWO: 0 BO+137 BW+13 MCF.

RECOMPLETE TO SAN ANDRES

12/13/96-01/15/97

Tag PBTD @ 10,865'. **Spot 20 sxs cmt plug @ 8731'.** Set CIBP @ 7670' w/35' cmt. **Cut 5 1/2"** csg w/jet cutter @ 5000'. **POH & LD 113 jts 5 1/2" csg.** Load hole w/10# salt gel mud. **Spot 35 sxs cmt plug @ 5067-4921'.** Tag cmt @ 4921'. **Spot 80 sxs cmt plug @ 3039-3308'(across base of 8 5/8" csg).** Tag TOC @ 3039'. Test wellbore to 3500#--OK.

PERF 2597-2601' & 2692-2704' W/1 JSPF @ 120° PHSG. **Acidize** w/1500 gls 15% HCL+27 BS. **Frac** w/27,300 gls YF 130+95,500# 20/40 Brady Sd+15,000# 20/40 sd w/prop net. Ran tracer log. POP. **IP: 30 BOPD+23 MCFPD+54 BWPD.**

12/26/96

SI f/pmp repair

01/17/95-

Rowland Trucking began & finished pit 3/28.

05/15/97

Replace rod.

09/02/97

Found leak.

02/19/99

Tbg leak.

04/15/99

Tbg leak.

09/11/99

Rplc tbg.

04/16/01

Rplc jts.

03/25/03

Removed American 228-213-86 PU & Size 3 Econo-Pack electric motor. Three 15 KVA transformers still hanging @ location & will be removed at later date. On long term SI list.

TA WELL

07/27/04-07/28/04

POH w/ rods & pump. LD (92) WCN-90 rods & pump. POH w/ 2-3/8" J-55 tbg. LD 11 jts of tbg w/ corrosion holes & 2-3/8" perf sub. RIH w/ 8-5/8" CIBP. **Set CIBP @ 2547'.** POH w/ WL. **Dump 35' cmt on CIBP.** RIH w/ 2-3/8" SN & 64 jts of 2-3/8" J-55 tbg. Rvrs circ wellbore w/ 150 bbls pkr fluid (124 bbls capacity). Circ fluid dn flowline to btry. **TA'D 7-28-04.**