

Submit 3 Copies 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

FEB 23 2009

Form C-103
June 19, 2008

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. 30-015-27208
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. E-5229
3. Address of Operator P.O. Box 2760 Midland, TX 79702		7. Lease Name or Unit Agreement Name James Ranch Unit
4. Well Location Unit Letter G : 1980 feet from the North line and 1100 feet from the East line Section 36 Township 22S Range 30E NMPM County Eddy		8. Well Number 18
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3329' GL		9. OGRID Number 260737
		10. Pool name or Wildcat Los Medanos (Morrow)

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 JOB ☐

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 1103. 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 PU unit & plugging equipment. Set one top steel pit for plugging. ND WH & NU 3,000 psi manual BOP for 2-3/8" tbq.
2. Test 2-3/8" x 4-1/2" annulus to check tubing integrity. Circulate w/ 9.5 ppg mud and pull tbq.
3. RU Wireline and freepoint 2-3/8". Cut and pull same from +/- 14050'.
4. Set CIBP @ 14050' and Spot 45 SX Class H Cmt.
5. Spot 35 SX Class H 12650' - 13050'.
6. Spot 25 SX Class H 11450' - 11750' TAG.
7. Spot 70 SX Class H 10900' - 11325' TAG.
8. Spot 45 SX Class H 7655' - 7930'.
9. Spot 40 SX Class C 5755' - 5915'.
10. Spot 45 SX Class C 3675' - 3905' TAG.
11. Spot 70 SX Class C 475' - 775' TAG.
12. Spot 25 SX Class C 0' - 100'.
13. Set P&A marker and remediate location.
14. Use steel tank and haul all fluids.

R-111-P. Potash Area.
**Solid CMT Plug must be set across*
SALT. 3770' - 670' TAG.

Spud Date:

12/07/1992

Rig Release Date:

03/01/1993

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 02/20/2009

Type or print name Valerie Truax

E-mail address: vltruax@basspet.com

PHONE: (432)683-2277

For State Use Only

APPROVED BY:

Phil Harkin

TITLE

DATE

2/25/09

Conditions of Approval (if any):

Approval Granted providing work
is complete by *5/25/09*

R-111-P Potash

WELL HISTORY

WELL NAME: JAMES RANCH UNIT #18

API: 30-015-27208

FIELD NAME: LOS MEDANOS (MORROW)

LOCATION: 1980' FNL & 1100' FEL, Sec 36, T-22-S, R-30-E, (Surf)
1980' FNL & 1980' FEL, Sec 36, T-22-S, R-30-E; (BtmHole)
Eddy County, New Mexico

TD: 14,530'

3344.5' KB

PBTD: 14,445'

3328.5' GL

SPUD DATE: 12/07/1992

COMP DATE: 03/09/1993

CASING:

SIZE	WT	GRD	SET DEPTH	SX	CLASS	TOC	HOLE	HOLE DEPTH
13 3/8	48	H-40	525	525	Prem	Surf	17 1/2	530
9 5/8	40	K-55	3810	1790	Prem	Surf	12 1/4	3810
	26	N-80						
7	29	P-110	11603	2725	Prem	Surf	8 1/2	11800
4 1/2	15.1	P-110	14527	465	Prem +		6	14530
446 jts, 2 3/8, 4.7#, L-80 tbg								

LINER:

OPEN HOLE:

TUBING:

DST: None

CORES: 10 sidewall cores in Brushy Canyon 7461-7670' OA – see log pocket for analysis.

LOGS:

DATE	LOG	COMPANY	TOP	BOTTOM
	Mud log	Morco	3,360	14,510'
12/27/92	DLL-MSFL	Halliburton	Surf	7,910'
01/23/93	DLL-MSFL	Halliburton	3,804	11,780'
02/21/93	DLL-MSFL	Halliburton	11,590	14,500'
12/27/92	CNL-FDC	Halliburton	Surf	7,910'
01/23/93	CNL-FDC	Halliburton	3,804	11,780'
02/21/93	CNL-FDC	Halliburton	11,590	14,440'
02/21/93	Caliper	Dialog	Surf	11,250'
01/28/93	Caliper	Dialog	Surf	10,950'
03/30/93	BHP after Perf	Schlum	14,000	14,250'
12/20/93	Production Log	Schlum	13,850	14,420'

PRESSURE SURVEY:

03/16/1993: Ran static BHP Grad survey.

12/18/1999: BHP Survey

06/13/1993: ARC Pressure Data; BHP Survey

08/08/2001: BHP Bombs

James Ranch Unit # 18
Well History

FORMATION TOPS:

Delaware	3,854'	Atoka	12,956'
Bone Springs	7,705'	Morrow	13,604'
Wolfcamp	11,105'	Lower Morrow	14,278'
Strawn	12,718'		

DRILLING: Cmt 13 3/8" csg w/ 525 sx Premium. Circ.
 Cmt 9 5/8" csg w/ 1490 sx Premium Lite, tailed w/ 30 sx Premium. Circ
 Cmt 7" csg; Stage 1: 1050 sx Prem Lite, Tail w/ 300 sx Prem. Circ.
 Stage 2: 1275 sx Prem Lite, Tail w/ 100 sx Prem. Circ.
 Cmt 4 1/2 Lnr w/ 465 sx Prem Plus, Poor Bond

INITIAL COMPLETION:

02/27/1993 DOC to 14,445'. Ran bond log. No bonding. Mill out PBR. Ran 2-7/8" tbg & land.
 to
 04/13/1993
 03/10/1993

PERF 14,368-382' LOWER MORROW (56 PERFS) & 14,389-392' (12 PERFS), 4
 SPF & 0° PHSG via tbq gun. No chg in BHP or temp. BD perfs w/ 5500# using 5
 bbls liquid. Open to prod & dropped to 0 psi. No flow after 1 hr. SI. Using 1-1/4"
 coiled tbq, jetted to 14,130' w/ 350-375 SCFM N₂. POH w/ CT to 10,000'. CT flwg
 to pit on 16/64" chk w/ 1400 psi, est. 2087 MCF. Open to prod on 14/64", FTP
 1910 psi, 1464 MCF, no fluid rec. **Pumped** 2000 gls MOD 101 & 200 gls
 Methanol w/ 4 GPT SSO-21 & 750 SCF/bbl N₂. Dropped 40 balls. Flushed w/ 57
 bbls treated 2% KCL & 1500 SCF/bbl N₂. Form broke @ 6760 psi. Very sli ball
 action. ISIP 4850 psi, 5 mins 3567 psi, 10 mins 3257 psi, 15 mins 3014 psi. Flow
 & clean up. CP building to 1500 psi after bleeding down. 91 hrs SITP 4400 psi,
 CP 1500 psi. Ran BHP survey. SIWHP 4455 psi, SIBHP 5821 psi. **Frac** w/ 3008
 gls prepad, 16,062 gls 60% Alco Foam pad, 6239 gls 60% Alco Foam w/ 20/40
 Interprop Plus ramped 0.5-3 ppg, 3209 gls w/ 3 ppg Interprop Plus. Flushed w/
 1532 gls 60% Alco Foam. Screened out w/ 2200 gls short of flush. Prop in form
 17,600#, left 3500# in csg. ISIP 9631 psi, 5 mins 6320 psi, 10 mins 6249 psi, 15
 mins 4692 psi. Flowed to tank. Using 1-1/4" coiled tbq, jetted w/ N₂ & foam to
 14,480'. Circ out heavy prop, circ clean. Test: 11,778 MCFD + 0 BO + 11 BW,
 27/64" chk, FTP 2570#, CP 340#, LP 775#.

03/31/1993 **PERF 14,162-168' MORROW "D", 6 SPF (37 HOLES), 45° PHSG via tbq gun.**
 BHP increased 42 psi after perfig.
IP: 4/13/93 24H (F) 0 BO + 9 BWPD + 13,100 MCFD, 28/64" chk w/2500# FTP.

James Ranch Unit # 18
Well History

WORKOVERS:

06/09/1993 **RUN BHP SURVEY**
to
06/13/1993 RU Arc Pressure Data. Attempt to make flowing gradient stops every 2000' while GIH-NO SUCCESS due to strong flow rate up tbg. Could not get sensors to fall w/o restricting flow, causing inaccurate flwg press. RIH to 14,380' & record BHFP f/ 1 hr. Hang sensor on SL. SI f/ 72 hr BU. POH w/bombs.
AWO: 6/13/93 19H (F) 0 BO + 0 BW + 6295 MCF, 24/64" chk, FTP 1050 psi.

12/20/1993 **RUN PRODUCTION LOG**
RIH w/spinner - gradiomanometer. Run prod log - 3 dn pass + 3 up passes @ 5900+ MCFD. Ran stationary readings 14,125', 14,325', 14,410'. SI. Gradiomanometer did not work. Schlumberger will process temperature & press data to calculate gradiomanometer. BHFP - 1635# @ 14,435 ELD 5567 MCFD. BHSIP 2136# @ 13,900 ELD - SI - 43 min. Field readings indicate 22% contribution f/ Upper perms 14,162-14,168' ELD + 78% below 14,368'. Crossflow indicated f/ Upper perms (14,162-14,168') dn to 14,368' during SI.

01/18/1996 Ran 2.229" gauge ring but could not get in tbg. Ran 2.2" ring to 10,200'-ok. Ran 1.5" coil tbg & jet in w/ N₂. POOH w/ CT.

01/24/1996 **INSTALL DIP TUBE**
to
02/06/1996 RIH w/4150' 1-3/4" coiled tbg. Cut off coiled tbg w/ hydraulic sheer rams. Dress off cut-end of 1-3/4" coiled tbg in BOPE. Drive in 1-3/4" internal XO connector. Make up Baker 2-7/8" 7.9# invertible mechanical set pkr, XO, 2.13" "FA" hydraulic disconnect, 2.13" Baker press valve to slip connector XO on 1-1/2" coiled tbg. Make up to 1-3/4" coiled tbg. RIH w/ coiled tbg-end of 1-3/4" siphon string @ 14,150'. Pmp ball dn 1-1/2" coiled tbg w/ 3 bbls 2% KCL FW & N₂ to rel hydraulic disconnect. Blow fluid off BS to pit w/ N₂. POH w/ 1-1/2" coil tbg & disconnect asmbly. (Left set in 2-7/8" tbg 10,000-14,150' P.T. nipple, 4150' 1-3/4" coiled tbg.)
AWO: 2/6/96 24H (F) 941 MCFPD, WO chk, FTP 490 psi, LP 490 psi.

02/28/1996 Blow to tank. Found dead, no fluid rec. SI f/ build-up.

03/22/1996 **TRY TO UNLOAD WELL**
Pump 110 gls Tretolite FMW-0002F foaming agent dn tbg, dsplc w/ 600 SCF N₂. Open to wtr tank to blow back N₂ & foamer. Press dropped f/ 4600# to +200# in 45 mins as chk was opened slowly to WO. Foam FTS in 45 mins. Open chk WO. Died to 15# FTP. Left on to tank to unload. Opened 4 hrs - died to slight blow. Only unloaded or brought back foamer. No apparent wtr rec. SI f/ BU.
AWO: N/A.

DEC 1996 Installed Central Compression.

James Ranch Unit # 18
Well History

01/21/1997 to 01/23/1997	ATTEMPT TO RETRIEVE COIL TUBING DIP TUBE RIH w/ BHA on 1-1/2" coil tbg to catch 2-7/8" mechanical set invert pkr @ 10,000'. Tag up @ 10,210' (coil tbg depth on counter). Attempt to engage pkr w/o success. RU Dowell N ₂ truck. Jet on top of pkr to clean off any trash. Attempt to engage pkr again w/o success. POH w/ coil tbg & BHA. RIH w/ 1.90" lead impression block on SL. Tag top of pkr @ 10,288'. Appears that 2-7/8" 7.9# invert Petro-Tec pkr & 1-3/4" velocity string slid dn hole & possibly wedged in 2-7/8" 9.5# L-80 prod tbg. Top of 2-7/8" 9.5# tbg @ 10,227'. POH w/ impression block. Block indicates it went 1/4" into fishing neck on pkr. Postpone recovery of velocity string. 11/64" chk @ 900 MCFD, FTP 1100 psi.
11/22/1999	Shot csg fluid levels & tbg fluid levels. Csg FL 9696', Tbg FL 9714'. CP & TP 1076 psi. SI.
12/08/1999	SITP 1070#. RIH w/dual electronic gauges recording data every 10 secs w/ 5 min stops @ 2500', 5000', 7500', 10,000', 10,250'. Gradient stops indicate no fluid in hole to 10,250'. Minimum BHP at mid-perf (14,277') assuming gas below 10,250' is 1411.1 psia. SI since 11/6/99 (32 days).
01/12/2001	RIH w/ 2.125" OD gauge ring, 214 lbs of weight bars & GR-CCL tool on WL. Stop @ 10,000' & made tie-in to OH log dated 1-23-93. RIH to 10,229' & gauge ring set down. Began logging out of hole. Tool shorted out @ 9750'. POH. LD GR-CCL tool. RIH w/ 2.125" OD lead impression blk, 214 lbs of weight bars & new GR-CCL tool on WL. Stop @ 10,000' & tie-in to OH log. RIH to 10,276' & obtained impression. POH w/ heavy drag on line to 10,241'. Log to 9600'. POH. Impression showed four prongs on the top of the collet, on the outer most edge of the impression block. The outside cylinder of the block had rub & scuff marks on it. Ran 1.875" OD impression block & obtained impression. POH w/o drag. Log to 9600'. POH. Impression block showed only one prong (full) & two partial prongs of collet. The latter two on the outside cylinder of the block – not on the face.
05/15/2001 to 06/07/2001	(Test Morrow Zones, Frac Upper Morrow & Run Plgr Lift) Perfs 14,162-392' (Morrow) Fished & milled 5/31/01 to 6/27/01. RIH set Baker pkr @ 14,325'. RIH w/ bailer & 3.5 gls acid. Broke @ 1000 psi. Swbd. 8/2/01, 75% KCL wtr, FFL 11,100'. Run BHP bombs. Surf press 475 psi, FL 12,000', 132 SIBHP 1578 psia @ 14,290'.
11/30/2001	Attempt to POH w/ pkr, Pkr taking wt. On-off tool revealed marks & scratches at btm of 6" tool. RIH w/ Baker WL, set pkr @ 14,100', EOT 13,980'. Circ w/ 100 bbls KCL wtr. Load dump bailer w/ 4 gls 15% HCL acid w/ inhibitor. Dump acid @ 14,165', dump 4 gls acid. Dump 3 gls acid. Perfs did not break down. RU BJ w/ Enerjet/Power jet perf, Perf Upper Morrow 14,162-168, shot 27 holes, 10 shots did not fire (7,9,10,11,17,19,31,35,36 & 37) Pmp 1.5 bbls of acid. Perfs did not BD. Press to 4500 psi. Displ acid w/ 70 bbls 2% KCL. RIH w/ coil tbg, work tbg w/ 7-1/2% HCL acid at end of tbg. Press to 4500 psi, bleed off to 3000 pdi. RIH w/ CT jet w/ N ₂ . POH w/ coil tbg. 7 hr SITP 75 psi.

James Ranch Unit # 18
Well History

02/19/2002	Began blowing to tank. SITP 700. Place to sales line, 436 MCF, FTP 120 SICP 200. 2/26/02 24H (F): 0 BO+0 BW+857 MCF, TP 243, LP 243, CP 410, WO choke.
01/10/2006	RIH w/ swab to 12,600'. Only 13,000' line on rig. No fluid to 12,600'. POH. RD swab rig SI for build-up Perfs 14,162-68' (Morrow)

ENRON OIL & GAS COMPANY - JAMES RANCH UNIT NO. 18

03-01-93 PU 2-7/8" Tbg (0')
Day 84

(3/4 hrs Drlg, 12-1/4 hrs Trip, 11 hrs Other)
Dress out 14,445' to 14,530'
4 3/4 hrs Fin CBL w/2700 psi on csg
2 1/4 RD HLS loggers and NU in cellar
4 PU Lindsey mill and TIH strap in
3/4 Mill and dress out PBR
2 Circ
8 1/4 LD 3-1/2" DP and break kelly
1 RU to PU tbg
1 RU seal assembly and running 2-7/8" tbg

DAILY WELL COST	\$ 12,566
CUMULATIVE COST	\$1,532,013

03-02-93 TD 14,530' Rigging Down
Day 85

10 3/4 hrs Run 2-7/8" tbg
3 1/4 Space out and displace w/pkr fluid
1 Displace tbg w/nitrogen 5200 scf. 3200 psi
2 ND
1 1/2 NU tree
1/2 Test wellhead to .8000#
6 RD - RELEASE RIG AT 12:00 MIDNIGHT 3-1-93.

DAILY WELL COST	\$ 31,360
CUMULATIVE COST	\$1,519,953

03-03-93 TD 14,530' RDRT
Day 86

Rigging down, will set out rig 3-4-93. DROP FROM REPORT PENDING FURTHER ACTIVITY.

DAILY WELL COST	\$ 163,264
CUMULATIVE COST	\$1,747,959

EDDY COUNTY, NEW MEXICO

ENRON OIL & GAS COMPANY - JAMES RANCH UNIT NO. 18

1980' FNL & 1980 FEL SEC 36, T22S, R30E

14,600' Morrow

Bass Entities - 33.3333% WIBPO, 29.1666% NRI



\\Wtd-ser\
pre1988_strippings\p

"To see Strippings prior to 1988 Click here:

12-01-92 Allstate Construction Co., Hobbs, NM, building location, expect to finish Wednesday, 12-02-92. Prep to MI Grace Drilling Co.

12-02-92 Building location.

12-03-92 Building location, prep to MIRT 12-04-92.

12-04-92 Prep to MI Grace Rig #56 today.

12-05-92 MI and RU Grace Rig #56, incomplete.

12-06-92 11 hrs, MIRU, set substructure, pumps, drawworks, motors, derrick on floor and two pits, have not strung up.

DAILY TOTAL \$ 31,800

CUMULATIVE \$ 31,800

12-07-92 RURT, should spud today, will raise derrick at day light.

DAILY TOTAL \$ 2,824

CUMULATIVE \$ 34,524

12-08-92 368' (368'); 9 hrs drilling; 5 hrs other; surface rock, 3/4 degree @ 266'; Pump #1 and #2 6 x 10 liner and stroke, SPM 164, GPM 5989, pressure 1500 psi; MW 9, Viscosity 37; DC's 75,000, string 75,000 lbs; 9 hrs raise derrick, mix spud mud, PU Kelly, RU; 3-1/2 hrs install windwalls; 6-3/4 hrs drilling spud @ 6:30 p.m., 12-07-92; 1/4 hrs WLS; 1-1/2 hrs repair air line; 2-1/4 hrs drilling; 3/4 hrs repair mud line.

DAILY TOTAL \$ 29,918

CUMULATIVE \$ 64,442

12-10-92 536' (6'); 1/2 hr drilled; 17-1/2 hrs other; surface rock; Pump #1 & #2 6 x 10 liner and stroke, SPM 100, GPM 373, pressure 1400 psi; MW 10, Mis 28; 9 hrs cut off 13-3/8" csg, install WH & test to 300#, OK NU; 9 hrs NU in cellar and change rams in BOP's; 1/2 hr test stack to 300# for 1/2 hr - OK; 1-1/2 hr TIH - tagged cmt 467'; 2 hrs drill plug and cmt; 1/2 hr drill 6' of new hole; 1/2 hr test formation below shoe 500# for 1/2 hr not testing w/Hydril, closed, will try 5" rams.

CUMULATIVE \$ 87,028

