

ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form O-103
Revised 12-1-77

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.
OG-1926

SUNDARY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REFINER OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL FORM O-101 FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement No.
2. Name of Operator Belco Petroleum Corporation	8. Form of Lease Name Warren American State
3. Address of Operator 10,000 Old Katy Road Houston, Texas 77055	9. Well No. #2
4. Location of Well UNIT LETTER M 660 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE, SECTION 32 TOWNSHIP 9S RANGE 33E NMPM.	10. Field and Pool, or Name of Flying M-San Andres
11. Elevation (Show whether DF, RT, GR, etc.) 4241 GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. Describe I nterced or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1/1/80 379' Circ. Red Beds. Spudded @ 1:00 PM 12/31/79 w/bit #1, 12-1/4" S-3. Drilled surface hole. RU & run 9 jts 9-5/8" csg. RU BJ & start mixing cmt. Pump cratered. Circ cmt out w/rig pump. MW 9.0, Vis 32.

1/2/80 379' WOC. Red beds. RU BJ. Cmt'd w/300 sx Class C w/2% CaCl₂. Plug down @ 12:45 PM 1-1-80. Circ out 65 sx. WOC.

1/3/80 1475' Drilling. Red Beds. TIH w/bit #2, 8-3/4" S-11. Drill Shoe. Surveys: 3/4° @ 870', 3/4° @ 1350'. MW 8.8, Vis 40, Chl 80,000.

1/4/80 2300' POH. Anhy. Trip for bit #3, 8-3/4" YT3A @ 1754'. No drag on trip. 20' fill. Circ & pull out of hole for 7-7/8" bit. Survey: 1/2° @ 1754'. MW 9.8, Vis 37, Oil 4%, Chl 104,000.

1/5/80 2800' Drilling. Salt & Anhydrite. Fin trip for Bit #4, 7-7/8" HPSN. Wash 20' fill. Surveys: 1° @ 2300', 1° @ 2778'. MW 10., Vis 37, Chl 135,000.

1/6/80 3286' Drilling. Anhydrite & salt. Survey: 1-1/4° @ 3278'. MW 9.8, Vis 35, Chl 128,000.

1/7/80 3686' Drilling. Lime & shale. MW 10.3, Vis 36, Chl 128,000.

1/8/80 3852' Drilling. Lime. MW 10.5, Vis 40, WL 48, Chl 128,000.

1/9/80 3966' Drilling. Lime. MW 10.4, Vis 45, WL 11.2, Chl 175,000.

1/10/80 3980' RR. Lime. MW 10.4, Vis 45, WL 11.2, Chl 175,000

1/11/80 4064' Drilling. Lime. MW 10.1, Vis 46, WL 14.4, Chl 169,000.

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

SIGNED W. E. Moore TITLE District Engineer DATE February 15, 1980APPROVED BY Don E. Smith TITLE Don E. Smith DATE FEB 22 1980

CONDITIONS OF APPROVAL, IF ANY:

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1/12/80 4214' Drilling. Lime. Trip for bit #5. 7-7/8" M84F @ 4064'.
 Surveys: 1° @ 3780', 3/4° @ 4064'. MW 10.6, Vis 40, WL 21, Chl 182,000.

1/13/80 4405' Drilling. Lime. MW 10.5, Vis 42, WL 28, Chl 190,000.

1/14/80 4550' Logging. Lime. Reached TD @ 7:00 PM 1-13-80. Circ & POH.
 RU Dress Atlas. Tight spot @ 1045'. Loggers TD 4547'. Survey:
 1/2° @ 4550'. MW 10.5, Vis 38, WL 8.2, Chl 162,000.

1/15/80 4550' Logging. Lime. Ran DLL-GR-CAS from TD to surface casing.
 Unable to return MLL or Density Log below 1250'. TIH w/bit. No
 drag, no fill. Circ & raise vis. POH. Ran Comp Neutron Density
 log from 4553-2553'. Ran MLL from 4553-2553'. RD D/A. MW 10.5,
 Vis 73, WL 9.8, Chl 165,000, Oil 6%.

1/16/80 4550' MOR. Fin logging. TIH. Circ hole. RU & run 115 jts 5-1/2"
 csg, set @ 4550'. Cmdt stage 1 w/350 sx Class C 50/50 w/10% salt+
 1/4# Flocele. Plug down @ 10:35 PM 1-15-80. Open DV tool. Cmdt
 stage 2 w/400 sx Lite w/8# salt, tailed w/100 sx Class C w/8# salt.
 Plug down @ 11:40 PM 1-15-80 by BJ. Circ out 75 sx. Release rig
 @ 4:00 AM 1-16-80.

1/17-1/28/80 Wait on Completion Rig.

1/29/80 Will move in completion rig today if weather permits.

1/30/80 Moving in completion unit. Report #1. Install tbg head. Set
 anchors.

1/31/80 TIH w/tbg. MIRU Baber Well Service. RU reverse unit. Unload tbg.

2/1/80 POH to PU scraper. NU BOP. TIH w/4-3/4" bit & DC's, on 2-7/8" J-55
 tbg to top cmt @ 1648'. Drill cmt & DV tool. Circ hole clean.

2/2/80 Prep to log. POH. PU scraper & TIP. Rotate thru DV tool. TIH to
 4507'. Circ hole w/2% KCl water. Spot 200 gallons acetic acid
 4507-4307'.

2/3/80 SD for Sunday. RU Dresser-Atlas. Ran CRL-GR-CCl from 4500-2950'.
 Top cmt @ 3080'. Good bonding. TIH w/2-7/8" tbg. Swb FL to 2000'.
 POH. RU & perf San Andres w/2 SPF @ 4294-4314', 4315-4329', total
 66 holes. TIH w/2-7/8" tbg, SN & pkr. Set @ 4215'.

2/4/80 Prep to acidize.

2/5/80 Swabbing. RU & spot acid. Unable to break down perfs. Released
 pkr & spot acid across perfs. Acidize San Andres w/3000 gallons
 20% CRA-35 in 2 stages. Formation would not break. Max press 2600 psi
 AIR 0.6-0.8 BPM. ISIP 2400#, 5 min SIP 2100#, 10 min SIP 1900#.

2/6/80 Swabbing. RU & swabbed 11 hrs. Rec 59 BO & 92 BLW. 25 BL to rec.
 Swab rate 14 BF/hr-60% oil w/strong gas.

2/7/80 SITP 25#. Installing pumping unit. Unseat pkr & POH. TIH w/134 jts
 2-7/8" J-55 8rd tbg, set @ 4275'. ND BOP. NU wellhead. TIH w/2-1/2"
 x 1-1/4" x 10' x 14' pump & 135-3/4" rods.

2/8/80 Installing pumping unit. Fin TIH w/rods & pump. Space out pump.
 RDMO pulling unit. Fin connecting electricity & motor. Set unit,
 connected up wellhead & built power line to well.

2/9/80 Fin connecting electricity to motor. Stated pumping @ 4:30 PM
 2-8-80 on 10-74" SPM. Good pump action. Had not pumped up @ 6:30
 PM. 16 hrs pumped 8 BO & 64 BLW on 10-74" SPM. LTR 28 bbls.

2/10/80 Pumping. 24 hrs-pumped 84 BO & 25 BLW on 10-74" SPM. Fair gas.
 LTR 3 bbls.

2/11/80 Pumping. 23 hrs-pumped 85 BO & 3 BLW & 12 BSW on 10-74" SPM. Fair
 gas.

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2/12/80 Pumping. 24 hrs-pumped 21 BO & 73 BSW on 10-74" SPM.
2/13/80 Pumping. 22 hrs-pumped 41 BO & 20 BSW on 10-74" SPM. Gas vol 88.4
Mcf/D, GOR 1905.
2/14/80 Pumping. 24 hrs-32 BO & 24 BSW on 10-74" SPM. Gas vol 85.3 Mcf/D,
GOR 2666.
2/15/80 Pumping. 17 hrs-pumped 30 BO & 21 BSW on 10-74" SPM. 24 hr Potential
Test 2/12/80. Pumped 41 BO & 20 BSW on 10-74" SPM. Gas vol 88.4 Mcf/D,
GOR 1905.

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