

Form 9-311  
May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
N. M. OIL & GAS COMMISSION  
HOBBS, NEW MEXICO 88240

Form approved.  
Budget Bureau No. 42-R1424.

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—" for such proposals.)

|                                                                                                                                                                                                |                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                                                               | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM - 01228                      |
| 2. NAME OF OPERATOR<br>BELCO PETROLEUM CORPORATION                                                                                                                                             | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                   |
| 3. ADDRESS OF OPERATOR<br>411 PETROLEUM BUILDING MIDLAND, TEXAS 79701                                                                                                                          | 7. UNIT AGREEMENT NAME                                                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface 1980 FEL and FSL<br>By access road 21 mi. NW of Jal NM | 8. FARM OR LEASE NAME<br>Federal CR 8                                  |
| 14. PERMIT NO.                                                                                                                                                                                 | 9. WELL NO.<br>1                                                       |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>3400' GR                                                                                                                                     | 10. FIELD AND POOL, OR WILDCAT<br>Cinta Roja Morrow                    |
|                                                                                                                                                                                                | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 8, T24S, R35E |
|                                                                                                                                                                                                | 12. COUNTY OR PARISH<br>Lea                                            |
|                                                                                                                                                                                                | 13. STATE<br>NM                                                        |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐  
FRACTURE TREATMENT ☐  
SHOOTING OR ACIDIZING ☐  
(Other) ☒

REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☐

(Other) drilling operations ☒  
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

5-7-81 Spud 10:00am 5-6-81. RU and run 12 joints 16" csg set at 441. cmtd w/600 sx Cl C, 1/4# Flocele and 2% CaCl2. CIRC;  
Datum to cutoff 22.80 0  
11 jts 16" 65# H-40 ST&C 453.40 22.00  
Baker Float Collar 1.50 446.90  
1 jt 16" H-40 41.80 448.40  
Baker Texas Pattern Show 00.80 441.00  
Set at 441.00  
5/8/81 Depth 1250'. Drilling anhy. Fin 18 hour WOC. Survey 3/4 deg at 1000'.  
5/9/81 Depth 2275'. Drilling salt and anhy. Survey 1/2 deg at 1500 and 1/2 deg at 2036'.  
5/10/81 Depth 2727'. Drilling. Survey 1 1/4 deg at 2450'.  
5/11/81 Depth 3242'. Drilling anhy and slat. Survey 1 3/4 deg at 2940'.  
5/12/81 Depth 3387'. Drilling. Survey 1 3/4 deg at 3234'.  
5/13/81 Depth 3824'. Drilling. Survey 1/2 deg at 3375'.  
5/14/81 Depth 4019'. Drilling Survey 2 deg at 3820'.  
5/15/81 Depth 4140'. TIH. Lime and dolomite. Survey 2 deg at 3820'.  
5/16/81 Depth 4350'. Drilling. Survey 3 deg at 4175'.  
5/17/81 Depth 4770'. Drilling 2 1/2 deg at 4410'.  
5/18/81 Depth 4976'. Drilling. Survey 3 deg at 4785'.

RECEIVED  
SEP 25 1981

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ROSWELL, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED R. A. Chapman

TITLE District Manager

DATE 9-21-81

(This space for Federal or State office use)  
APPROVED BY  
ROGER A. CHAPMAN

CONDITIONS OF APPROVAL, IF ANY:

OCT 8 1981

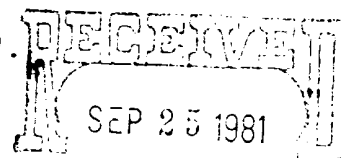
TITLE

DATE

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

\*See Instructions on Reverse Side

5/19/81 Depth 5088'. TIH. Survey 3 deg at 4785'.  
 5/20/81 Depth 5200'. Drilling anhy and lime. Survey 2½ deg at 5085'.  
 5/21/81 Depth 5336'. ID DC's. Lime.  
 5/22/81 Depth 5336'. NU BOP's. RU and run 10 3/4 csg. Cmt'd w/3000 Sx Howco lite. with 5#  
 Gilsonite, ¼# *Flake* and 15# salt per sx. Tailed in with 400 sx Cl C with 3# salt  
 Circ out 80 sx. Survey 3 deg at 5336'.  
 3 jts 10 3/4" 51# K-55 ST&C 90.55 4.01  
 59 jts 10 3/4" 40.50# K-55 2393.79 86.54  
 42 jts 10 3/4" 45.50# K-55 ST&C 1678.92 2480.33  
 28 jts 10 3/4" 51# K-55 ST&C and S-95 1143.12 4159.25  
 FC 1.40 5302.47  
 1 jt 10 3/4" 51# K-55 ST&C 30.33 5303.10  
 FS 1.90 5334.10  
 Set @ 5336.00  
 5/23/81 Depth 5336'. NU BOP's.  
 5/24/81 Depth 5575'. Drilling.  
 5/25/81 Depth 6150'. Drilling. Survey 2½ deg at 5500'.  
 5/26/81 Depth 6866'. Survey 1½ deg at 6455'.  
 5/27/81 Depth 7415'. Drilling Survey 1½ deg at 6950'.  
 5/28/81 Depth 7832'. Drilling sand and lime. Survey 1½ deg at 7492'.  
 5/29/81 Depth 8168'. POH. Survey 1½ deg at 7900'.  
 5/30/81 Depth 8365'. Drilling. Survey 2½ deg at 8168'.  
 5/31/81 Depth 8670'. Drilling. Survey 1½ deg at 8427'.  
 6/1/81 Depth 8975'. Drilling. Survey 2 deg at 8880'.  
 6/2/81 Depth 9299'. Drilling Survey 2 deg at 8880'.  
 6/3/81 Depth 9580'. Drilling. Survey 1½ deg at 9380'.  
 6/4/81 Depth 9627'. Survey ¼ deg at 9380'.  
 6/5/81 Depth 9627'. DST #1 9503-9627'. IHP, 4589#, 60 min IFP 89-133#, 120 min ISIP 974#,  
 60 min FFP 89-177#, 120 min FSIP 752#, FHP 4589#, BHT 130 deg F, Sampler Chamber 4200  
 Ft gas, 125#.  
 6/6/81 Depth 9923'. Drilling Survey 2½ deg at 9627'.  
 6/7/81 Depth 10140'. Survey 4 deg at 9965'.  
 6/8/81 Depth 10305'. Survey 2½ deg at 10170'.  
 6/9/81 Depth 10562'. Drilling lime and shale.  
 6/10/81 Depth 10740'. Drilling. Survey 2½ deg at 10578'.  
 6/11/81 Depth 10863'. Drilling. Survey 2 deg at 10776'.  
 6/12/81 Depth 1119'. Survey 2 deg at 10776'.  
 6/13/81 Depth 11420'. Survey 2 deg at 11276'.  
 6/14/81 Depth 11650'.  
 6/15/81 Depth 11760'. POH. Lime and shale. Survey 1 deg at 11680'.  
 6/16/81 Depth 11193'. Drilling.  
 6/17/81 Depth 12150'. Logging. Survey 2 deg at 12150'.  
 6/18/81 Depth 12150'. Fin running Comp Acousitc Log and Forxo-Guard. Survey 2 deg at 12150'.  
 6/19/81 Depth 12150'. WOC. RU and ran 302 joints 7" csg set at 12150'. Cmt'd 1st stages  
 with 1050 sx 50-50 poz with 3/4 % CFR-2. Cmt'd 2nd stage with 1300 Sx Howco Lite.  
 with 3/4% CFR-2.



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|                          |         |                 |
|--------------------------|---------|-----------------|
| Datum to cutoff          | 18.00   | 0               |
| 3 jts 7" 32# N-80 LT&C   | 121.11  | 18.00           |
| 211 jts 7" 29# N-80 LT&C | 8656.87 | 139.11          |
| 5 jts 7" 32# N-80 LT&C   | 212.75  | 8795.98         |
| Stage Collar             | 3.00    | 9008.73         |
| 88 jts 7" 32# N-80 LT&C  | 3095.75 | 9011.73         |
| FC                       | 1.40    | 12105.48        |
| 1 jt 7" 32# N-80 LT&C    | 41.32   | 12106.88        |
| FS                       | 1.80    | 12148.20        |
|                          |         | 12150.00 set at |

6/20/81 Depth 12150'. PU DC. WOC.

6/21/81 Depth 12220'. Drilling. Survey 2 deg at 12150'.

6/22/81 Depth 12542'. Drilling.

6/23/81 Depth 12538'. POH.

6/24/81 Depth 12577'. Drilling. Survey 2 deg at 12538'.

6/25/81 Depth 12618'. Drilling.

6/26/81 Depth 12653'. POH.

6/27/81 Depth 12686'. Drilling Survey  $\frac{1}{2}$  deg at 12600'.

6/28/81 Depth 12730'. Drilling.

6/29/81 Depth 12801'. Drilling.

6/30/81 Depth 12834. Survey 2 deg at 12760'.

7/1/81 Depth 12896'. Drilling survey 2 deg at 12760'.

7/2/81 Depth 12953'. Drilling.

7/3/81 Depth 12966'. Drilling. Survey 2 deg at 12200', 3 deg at 12300', 4 deg at 12400'.  
6 deg at 12500', 6 deg at 12600', 7 deg at 12700', 8 deg at 12800', 9 deg at 12900',  
10 deg at 12970'.

7/4/81 Depth 12993'. Drilling.

7/5/81 Depth 13012'. TIH. Shale. Questionable survey at 13003',  $12\frac{1}{4}$  deg.

7/6/81 Depth 13032'. Drilling.

7/7/81 Depth 13039'. POH. Survey  $9\frac{1}{4}$  deg at 12828',  $10\frac{3}{4}$  deg at 13029'.

7/8/81 Depth 13059'. Drilling Survey 9 deg at 12992',  $8\frac{1}{2}$  deg at 13025'.

7/9/81 Depth 13092'. Drilling. Survey 8 deg at 13058'.

7/10/81 Depth 13135'. Drilling Survey  $7\frac{3}{4}$  deg at 13092'.

7/11/81 Depth 13143'. Drilling. Survey  $7\frac{1}{4}$  deg at 13122'.

7/12/81 Depth 13190'. Drilling. Lime and shale.

7/13/81 Depth 13211'. POH. Survey  $6\frac{3}{4}$  deg at 12185'.

7/14/81 Depth 13245'. Drilling.

7/15/81 Depth 13290'. Drilling. Survey  $5\frac{3}{4}$  deg at 12246'.

7/16/81 Depth 13339'. POH.

7/17/81 Depth 13367'. Drilling.

7/18/81 Depth 13393'. Drilling.

7/19/81 Depth 13404'. Drilling lime and shale. Survey  $4\frac{1}{4}$  deg at 13390'.

7/20/81 Depth 13493. Drilling.

7/21/81 Depth 13465'. Drilling

7/22/81 Depth 13493' Drilling.

7/23/81 Depth 13513'. POH.

7/24/81 Depth 13513'. POH. Survey  $3\frac{1}{2}$  deg at 13503'.

7/25/81 Depth 13528'. Drilling lime and shale.

7/26/81 Depth 13575'. Drilling.

7/27/81 Depth 13602'. Survey  $2\frac{3}{4}$  deg at 13592'.

7/28/81 Depth 13602'. Rig Repair. Lime and sand.

7/29/81 Depth 13602'. Drilling.  
 7/30/81 Depth 13636'. Drilling lime and shale.  
 7/31/81 Depth 13680'. Drilling.  
 8/1/81 Depth 13713'. Drilling. Survey 1 3/4 deg at 13692'.  
 8/2/81 Depth 13746'. Drilling  
 8/3/81 Depth 13779'. POH.  
 8/4/81 Depth 13810'. Drilling lime and shale.  
 8/5/81 Depth 12854'. Drilling lime and shale.  
 8/6/81 Depth 13870'. Fishing.  
 8/7/81 Depth 13870'. Fishing. Lime sand and shale.  
 8/8/81 Depth 13870'.  
 8/9/81 Depth 13870'. Running spud bar.  
 8/10/81 Depth 13874'. Drilling lime and shale.  
 8/11/81 Depth 13894'. TTh.  
 8/12/81 Depth 13928'. Drilling  
 8/13/81 Depth 13956'. Drilling Lime and shale.  
 8/14/81 Depth 14004'. Drilling. Sruvey 3/4 deg at 13998'.  
 8/15/81 Depth 14074'. Drilling.  
 8/16/81 Depth 14154'. Drilling.  
 8/17/81 Depth 14242'. Drilling sand and shale.  
 8/18/81 Depth 14335'. Trip for bit.  
 8/19/81 Depth 14389'. Drilling. Survey 3/4 deg at 14330'.  
 8/20/81 Depth 14475'. Drilling sandy shale and lime.  
 8/21/81 Depth 14545'. Drilling lime and shale.  
 8/22/81 Depth 14553'. Logging. Reached TD 8am 8-21-81 Run comp neutron-density and Forxo logs  
 Loggers TD 14558'. Survey 2 deg at 14553'.  
 8/23/81 Depth 14553'. Circ.  
 8/24/81 Depth 14553'. WOC. RU and run 72 joints 5" 18# N-80 FIAS liner, hang at 11724  
 cmtd with 250 sx Cl H with 0.6% Halad 22A, 0.4% CFR-2, .4% HR-5 and 5# KCL.  
 8/25/81 Depth 14553'. Lay down drill pipe. Fin 24 hour WOC.  
 8/26/81 Depth 14552'. MOR. RELEASED RIG 12:00 MIDNIGHT 8-25-81.