

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-79

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MAR 28 1980

SUNDRY NOTICES AND REPORTS ON WELLS

O. C. D.  
ARTESIA, OFFICE

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator  
Western Oil Producers, Inc. ✓

3. Address of Operator  
P.O. Box 2055 Roswell, New Mexico 88201

4. Location of Well  
UNIT LETTER D 660 FEET FROM THE North 660 FEET FROM  
West LINE, SECTION 15 TOWNSHIP 11-S RANGE 29E

5. Elevation (Show whether DE, RT, GR, etc.)  
3820 GR

6. Field and Pool, or Wildcat  
Wildcat San Andres

7. County  
Chaves

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

|  |  |
|--|--|
| NOTICE OF INTENTION TO:                        | SUBSEQUENT REPORT OF:                                |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>               |
| TEMPORARILY ABANDON <input type="checkbox"/>   | COMMENCE DRILLING OPNS. <input type="checkbox"/>     |
| PULL OR ALTER CASING <input type="checkbox"/>  | CASING TEST AND CEMENT JOBS <input type="checkbox"/> |
| OTHER <input type="checkbox"/>                 | OTHER <input type="checkbox"/> Re-entry              |
| PLUG AND ABANDON <input type="checkbox"/>      | ALTERING CASING <input type="checkbox"/>             |
| CHANGE PLANS <input type="checkbox"/>          | PLUG AND ABANDONMENT <input type="checkbox"/>        |

17. 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.

12/20/79 Move in rig up pulling unit and reverse unit and mud pits, drill surface plug and cement plug at 360' and drill to 903', could not get into old hole, rig down and move out pulling unit.

1/28/80 Move in, rig up rotary rig, started drilling at 903', could not get into old hole, drilled to 3300', ran 82 jts. (3305') 4 1/2", 9 1/2 lb. J55 8R-R2 casing with ST&C, cement at 3300' with 300 sx Class C, 50-50 poz, 2% gel, 8 lbs. salt per sx., plug down 8:30 AM 2/1/80, bumped plug with 2000 psi, held pressure for 30 minutes, no leaks, hung casing on slips, released rig, calculated fill on back side to 2000'

SEE ATTACHEMENT FOR ADDITIONAL INFORMATION

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

SIGNED Arnold Newkirk TITLE Supt. DATE 3/26/80

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE MAR 31 1980

CONDITIONS OF APPROVAL, IF ANY:

- 2/5/80 Move In, Rig up pulling unit, Install Well head, set tubing rack.
- 2/6/80 Rig up SCL, run Cammara Collar log, run perf. gun, perf. from 3228' to 3240', 12' - 12 holes, made up 4 1/2" Halliburton RTTS packer, run in hole on 2 3/8" tubing to 3262', spot 2 bbls. of 15% N.E. acid, pull up, set packer at 3165', have 99 jts. tubing plus packer in hole, broke formation at 3000 lbs., shut down 15 mins., put acid away, release packer, spot rest of acid in end of tubing, treated well with the total of 1000 gallons of 15% N.E., maximum pressure 3000 lbs., average pressure 2650 lbs., average rate 2 bbls. per min., ISIP 2200, 5 mins.-2100, 10 mins.-2100, **bl**owed well back, load water and some acid gas, swabbed well down with small show of oil, left well open to pit, shut down.
- 2/7/80 Fluid level 1200' from surface, treating water and acid gas, a trace of oil, kept well swabbed dry, rig up Halliburton, re-treat well with 2500 gallons 15% NE Acid, run 1000 gallons, drop 1 ball every 4 bbls., total of 8 balls, no ball action, flush with 2% KCL water, average treating pressure 2600 lbs., average rate 3 bbls. per minute, no breaks, ISIP 2200 lbs., 5 minutes 2100 lbs., 10 minutes 2100 lbs., open to pit, flow back 1 hour, gas surfaced, **bl**owed gas and treating water for 1 hour and 35 minutes, swabbed down, pulled 300' fluid every 30 minutes, swabbed until 4:00 PM, small show of oil and gas, closed well in.
- 2/8/80 Tubing pressure 25 lbs., fluid level 1000' in hole, trace of oil rest was spent acid water, release packer, pull tubing, rig up to perforate stage 2, perforate as follows: 2992-3000 8' 8 holes, 2982-2986 4' 4 holes, 2971-2975 4' 4 holes, made up Halliburton RBP and packer, run in hole, set RTTS at 3039' test to 2000 lbs., move packer to 3007 spot acid, pull packer to 2942 set and treat, treat with 1500 gallons 15% NE, formation broke 3000 lbs., pump 1 1/2 bbls., shut down and let soak, run 500 gallons, drop balls, 3 every 3 bbls., average rate 3.2 bbls. per minute, average pressure 2950, maximum pressure 3800, ISIP 2000, 5 minutes 1900, 10 minutes 1900, flow back 16 minutes, acid gas surfaced, **bl**owed acid gas and spent acid for 20 minutes, left well open to pit, shut down.
- 2/9/80 Well standing full of fluid, swab down, swab dry with a trace of oil, milk with swab, wait 1 hour, pull out of hole 75' of fluid, 2 gallons free oil on top, some coloring in rest of fluid, close well in, shut down.
- 2/10/80 Shut down
- 2/11/80 ~~No pressure on tubing, no test, 1000' of fluid in hole, small amount of free oil on top, rest was treating water, swab dry, release packer, pull tubing, rig up SCH 2, perforate stage 3 at 2928 to 2932, 4' 4 holes, run tubing with RTTS packer, pick up RBP, move to 2952 and set, move RTTS to 2942 and test to 2000 lbs., spot acid at 2942, set RTTS at 2911, start breaking down, formation broke 3600 lbs., pump 1 1/2 bbls., soak 6 minutes, put acid away, maximum pressure 3800 on break down, average pressure 2842, average 2.1 bbls., ISIP 2200, 5 minutes 2000, 10 minutes 1900, flow back 15 minutes, release packer, reverse 3 bbls. water, set packer, start swab, total load to recover 23 bbls., 12 bbls. acid, 11 bbls. water, swab well down, pull 200' every 30 minutes, good show of oil, some gas, left well open to pit, shut down.~~

- 2/12/80 Fluid level 600' from surface, oil string thru all of fluid, pulled swab every 30 minutes treating water and some oil, rig up Halliburton, re-treat with 2000 gallons 15% NE acid, pump 12 bbls, drop 1 ball every 4 bbls. acid for 6 ball drops, maximum pressure 3600 on balls, average pressure 2500, average rate 3.3 bbls. per minute, maximum pressure 3.4 bbls. per minute, ISIP 1800, 5 minutes 1600, 10 minutes 1600, open to pit, flow back 1 hour and 30 minutes, start swabbing. first swab run good show of oil, swab 3 runs to pit, hook up to test tank, swab 19 bbls. fluid approximately 3% oil, treating water and some salt water, left well open to tank. shut down.
- 2/13/80 Some gas on tubing, fluid level 1000' from surface, swabbed 13 bbls treating water first hour, 11 bbls. second hour, 1 1/2 bbls. third hour, 2 bbls. fourth hour, cutting approximately 3% oil, fluid is spent acid water with a taste of salt water, pull tubing, shut down, will perforate stage 4 next AM.
- 2/14/80 Rig up Schl., perforate as follows: 2793-2804 11' 11 holes, 2778-2784 6' 6 holes, total 17 holes. run RTTS packer back in hole, pick up RBP, move & set at 2847, set packer at 2815, test RPP to 2000 lbs., spot acid, set packer at 2715, treat with 2000 gallons 15% NE, run 18 ball sealers, no ball action, maximum pressure 3000 lbs., average pressure 2545, average rate 3.5 bbls. per minute, ISIP 2000 lbs., 5 minutes 1900 lbs., 10 minutes 1800 lbs., open to pit, flow back 12 minutes, acid gas surfaced, flowed acid and treating water 30 minutes, swab down, small show of oil in formation gas, release packer, pick up RBP, test perforations at 2928-32 no communication, straddle perforation 2971-3000 had communication, test perforations 3228-40 no communication, pull up, straddle perforations at 2778-2804, start swab, swab holes down, shut down, stage number 2 and 3 communicated.
- 2/15/80 No gas on tubing, fluid level 200' from surface, second run 500' in hole, swab down, some gas, small show of oil and formation water, swab test for 3 hrs. and 45 minutes, 17 total bbls., small amount of gas. small show of oil, closed well in.
- 2/16/80 Small show of gas on tubing, fluid level 500' from surface, swab down in 3 runs, swab 14 bbls. in 3 hrs., salt water, with a trace of oil & some gas, close well in.
- 2/17/80 Shut down.
- 2/18/80 Small amount of gas on tubing, fluid level 500' from surface, swab down, small show of gas and oil, met with Mr. Reynolds to talk about free job, shut down.
- 2/19/80 Release packer, pick up bridge plug, run in hole to 2771', set bridge plug pull packer, set packer at 2778', swab stage 2 and 3, swab dry with a better show of oil than on stage 4, stage 2 from 2971 to 3000, stage 3 from 2928 to 2932, casing standing full, no indication of communication, release packer, pull out of hole, pull wellhead off, will free next a.m.. shut down.

- 2/20/80 Rig up Halliburton to frac, <sup>down casing</sup> frac with 40,000 gallons, 30 lbs. gel, 400 sx. 20/40 sand, 1500 gallons of 15% NE acid, run 1300 lb. block, 650 lbs. rock salt, 650# Benz. flakes, run 3 stages. 3 blocks, 1st stage 10000 gallons, 1st block 350 lbs., pressure increased, 4 bbls. per minute decrease on rate, 1000 lb. block, 2nd block 300 lbs. increase, 2 bbls. per minute decrease. 600 lb. block, 3rd block 150 lbs. increase, rate increased 6 bbls. per minute, formation breaking or block dissolved, average rate 21 bbls. per minute. average pressure 3200 lbs., maximum pressure 3450 lbs., ISIP 2500 lbs., 5 minutes 2000 lbs., 15 minutes 1880 lbs., close well in.
- 2/21/80 At 7:00 A.M. the well had 1250 lbs. pressure on casing, open to test tank, at 9:00 A.M. flowed back 105 bbls. water, flowed 130 bbls. frac water and died, run tubing to 3042', started swabbing, swabbed until 5:00 P.M., total recovery 204 bbls. frac water, some gas started showing up, left open to tank and shut down.
- 2/22/80 Tubing standing 100' from surface, start swabbing. swabbed down to 1400' from surface, swab 122 bbls water, total recovery after frac 326 bbls. water.
- 2/23/80 Fluid level 600' from surface, swab down to 800' of fluid in hole, swab total of 130 bbls. of water, total recover 456 bbls. water, some gas, no show of oil.
- 2/24/80 shut down
- 2/25/80 Fluid level 800' from surface, swab down to 1400' from surface, no oil on top, small amount of gas, total recovery 475 bbls. water, rig down, left tubing open to tanks, will move back on later.
- 3/10/80 Move in, Rig up pulling unit. start swabbing, fluid level 500' from surface, small amount of gas on tubing. small show of oil on top. swab 60 bbls. water, fluid level 1600' from surface, shut down.
- 3/11/80 Fluid level 1000', made 2 swab runs, pick up 2 jts. tubing circled sand off Halliburton BP, pull plug, run tubing back in hole w/s. nipple on bottom. 102 jts., end of S.N. at 3254' start swab, swab 25 bbls., piece of packer rubber in tubing could not get swab down, pull 1500' tubing, clean out piece of rubber, shut down.
- 3/12/80 Run tubing, pack off well head, start swabbing. fluid level 1000' from surface.
- 3/13/80 Hook up well head, install pump tee, unload black rods, Run 2" x 1½" x 10' w/strainer nipple. run 129 new 3/4" rods, liner & ect., rig down release pulling unit