

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

|                        |  |
|------------------------|--|
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|  |   |
|--|---|
| 5a. Indicate Type of Lease                     |   |
| State <input type="checkbox"/>                 | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.                   |   |
| 7. Unit Agreement Name                         |   |
| 8. Farm or Lease Name<br>Salmon                |   |
| 9. Well No.<br>#1E                             |   |
| 10. Field and Pool, or Wildcat<br>Basin Dakota |   |
| 12. County<br>San Juan                         |   |

**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.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator  
Pioneer Production Corp.

Address of Operator  
P O Box 208, Farmington, NM 87401

Location of Well  
UNIT LETTER B 580' FEET FROM THE North LINE AND 1440 FEET FROM  
THE East LINE, SECTION 30 TOWNSHIP 29 North RANGE 11 West NMPM.

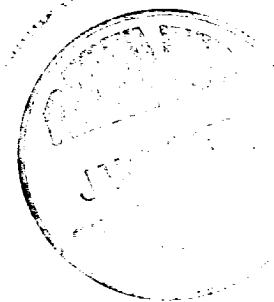
15. Elevation (Show whether DF, RT, GR, etc.)  
5462

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"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>              | ALTERING CASING <input type="checkbox"/>                           |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPS. <input type="checkbox"/>     | PLUG AND ABANDONMENT <input type="checkbox"/>                      |
| ILL OR ALTER CASING <input type="checkbox"/>   | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <u>Dakota completion</u> <input checked="" type="checkbox"/> |

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.

See attached report for Dakota perfs & acid 1-14  
frac 1-15-82.



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

Thomas A. Dugan  
Agent  
DATE 1-15-82  
SUPERVISOR DISTRICT 3  
DATE 1-15-82

8-22-81 gel and 1 to 1 expanded perlite w/ 10% salt mixed at 11.8# per gal  
(Cont.) followed by 175 sx class "B" w/ 2% gel and 1 to 1 expanded perlite  
and 10% salt mixed at 13.1# per gal. (Total cement slurry 2322.5 cu.ft.)  
Good circulation throughout job. Circulated traces of cement to  
surface. Maximum cementing pressure 800 psi. Closed stage tool  
w/ 2500 psi. Tool failed to hold. Pressured to 3000 psi. Stage  
tool held OK. Set 5½" csg. slips; cut off csg. and released rig  
at 8:00 a.m. 8-21-81.

DAILY REPORT

1-12-82 Move in and rig up Bedford Inc. Rig #1. Nipple up B.O.P. Start in  
hole with 3-7/8" bit with 4½" casing scraper. Unable to get below 60'.  
Rig up swivel and drlg. out. Went on in hole to D.V. tool. S.D.O.N.

1-13-82 R.U. swivel. As drlr lower tbg., a cable obstructed brake linkage.  
Tubing string dropped ±5', and swivel stiff arm hit derrick board  
and broke off. Then tubing dropped another 5' to be stopped by bit  
tagging cement. In attempting to circulate, found bit to be plugged.

Pressured up on both sides to 1500 psi. Held OK. After several  
reversions of circulating hoses, the bit was unplugged. Began drilling  
cement. Drilled out stage tool.

Went in hole w/ tbg. to ±6165'. Circulate hole clean. Rig up  
Western. Pressure test csg. to 4000 psi. OK. Circulate hole  
with 2% KCL with 2½# Ammonium Nitrate/1000 gals. Start out of hole  
with tbg.

1-14-82 Finish pulling out of hole. Rig up Welex. Ran GR-CCL-CBC from  
PBSD 6158' RKB to 4900' and 3000 to 2200', GR-CCL from 2200'  
to surface.

Perforate Dakota as follows: 6027, 30, 32, 33, 37, 41, 50;  
6105, 07, 10, 13, 16, 19, 22, 25, 31, 33, 37, 41, 44, 46. Total  
21 holes.

Rig up Western Co. Break down perfs with 2% KCL wtr. at 1500 psi.  
Acidize w/ 2500 gals 15% HCL + 15%/1000 XR-2 + 1 gal/1000 Aqua  
flow + 1 gal/1000 inhibitor + ½ gal/1000 FR-20 + 1 gal/1000  
Claymaster III. Dropped 45 RCN ball sealers. Balled off w/  
4000 psi. Flowed back. Flush acid to perfs. Ran 4½" junk basket  
to PBSD. Recovered 30 balls (19 hits). S.D.O.N.

1-15-82 Fraced Dakota Formation as follows:

20,000 gal Mini Max III-40 + 600 SCF/bbl CO<sub>2</sub> - PAD  
 9,000 gal Mini Max III-40 + 1#/gal 20-40 sand + 600 SCF/bbl CO<sub>2</sub>  
 9,000 gal Mini Max III-40 + 2#/gal 20-40 sand + 600 SCF/bbl CO<sub>2</sub>  
 12,000 gal Mini Max III-40 + 3#/gal 20-40 sand + 600 SCF/bbl CO<sub>2</sub>  
 14,000 gal Mini Max III-40 + 4#/gal 20-40 sand + 600 SCF/bbl CO<sub>2</sub>  
 12,000 gal Mini Max III-40 + 5#/gal 20-40 sand + 600 SCF/bbl CO<sub>2</sub>  
 5,000 gal Mini Max III-40 + 5½#/gal 20-40 sand + 600 SCF/bbl CO<sub>2</sub>  
 5,000 gal Mini Max III-40 + 5½#/gal 10-20 sand + 600 SCF/bbl CO<sub>2</sub>  
 420 gal Mini Max III-30 + 600 SCF/bbl CO<sub>2</sub> - flush  
 3,515 gal slick 2% KCL water + 600 SCF/bbl CO<sub>2</sub> - flush

ISDP 1200 psi                      15 min 600 psi  
 Max treating press 2600 psi                      Min treating press 2100 psi  
 Ave treating press 2200 psi at 35 BPM (30 BPM fluid, 5 BPM CO<sub>2</sub>)

Tagged sand with 80 MC IR-192  
 All water 2% KCL + ½ gal/1000 Claymaster III + 1 gal/1000  
 Aqua flow + ½ gal/1000 x-cide + 2% diesel + 2½#/1000 ammonium  
 nitrate

|                         |                            |
|-------------------------|----------------------------|
| TOTALS: 1720 gal diesel | 86,000 gal Mini Max III-40 |
| 86 gal Aqua flow        | 43 gal x-cide              |
| 80# B-5 breaker         | 21,000# KCL                |
| 250# ammonium nitrate   | 206,500# 20-40 sand        |
| 27,500# 10-20 sand      | 43 gal Claymaster III      |
| 80 MC IR-192            | 78 tons CO <sub>2</sub>    |

Rig up Wellex to run GR-temp after-frac logs. Opened well to atmosphere after 5 hrs. at 7:30 p.m. Left open over night.