

5 - USGS

1 - Pioneer

1 - File

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR

Pioneer Production Corp.

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1030' FSL - 880' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒
☐
☐
☐
☐
☐
☐
☐

5. LEASE

NM 010063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lucerne D

9. WELL NO.

#1E

10. FIELD OR WILDCAT NAME

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 21 T28N R11W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5822' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

See attached report for acid, 1-16; perfs, 1-17; frac, 1-18; tbgs., 1-20-81.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED

Thomas A. Dugan

TITLE

Agent

DATE

1-20-81

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NMOCG



BW

11-25-80
(Cont.)

Cemented first stage w/ 30 bbls of spacer 1000 followed by 225 sx class H self-stress cement (a total slurry 389 cu.ft.) Had good circulation throughout job. Reciprocated pipe - OK while circulating. Bumped plug w/ 1500 psi. Float held OK. Dropped opening bomb. Opened stage tool @ 4455'. Circulated w/ rig pump 2-1/2 hrs. Cemented second stage w/ 15 bbls CW-100 followed by 550 sx 65-35 plus 12% gel, 12½# gilsonite per sx and ¼# cello-flake per sx followed by 200 sx 50-50 pos., 2% gel - 10% salt (BWOW) = (Total slurry 1819 cu. ft.). Good mud returns throughout job-closed stage tool w/ 2500 psi; held OK. Job complete @ 9:10 a.m. 11-24-80. N.D. B.O.P.. Set 4½" csg slips; cut off 4½" csg and released rig @ 10:30 a.m. 11-24-80.

DAILY REPORT

1-14-81 M.I.R.U. Bedford Inc. pulling unit.

1-15-81 Trip in hole w/ tbg., bit and csg. scraper. Tag and drill D.V. Tool at 4455'. Circulate hole clean. S.D.O.N.

1-16-81 Go in hole. Tag up ±6450. Rig up Western Co. Pressure test csg. to 4000 psi. Held OK. Circulate hole w/ 2% KCL w/ 2.5# per 1000 gal ammonium nitrate. P.O.O.H. Lay down 2-3/8 tbg. Rig up Wellex. Unable to get below 6330'. Logging tools not working. Shut down.

1-17-81 Rig up Wellex. Ran GR-CCL-CBL from 6436' to 5100'. Perforated Dakota 6229-6252-5254-6258-6313-6316-6318-6320-6324-6326-6329-6331-6334-6356-6361-6385-6387. Rig up Western Co. Break formation w/ 2% KCL. Initial Breakdown 1900 psi 11 bbl/min. Acidize w/ 2000 gals 15% HCL + 15#/1000 XR-2 + 1 gal/1000 aquaflo + 1 gal/1000 inhibitor + ½ gal/1000 FR-20 + 1 gal/1000 claymaster III. Dropped 30 RCN ball sealers. Ave. IR 11 bbl/min. Balled off at 4000 psi. Ran junk basket and retrieved 1 ball sealer. Prep. to frac.

1-18-81 Wait on Western repairs for 7-3/4 hrs. Frac Dakota as follows:

16,000 gal. Mini Max III-40 + 600 SCF/bbl CO₂ - Pad
10,000 gals Mini Max III-40 + 1½#/gal 20-40 +
600 SCF/bbl CO₂

9,000 gals Mini Max III-40 + 2½#/gal 20-40 + 600 SCF/bbl CO₂

9,000 gals Mini Max III-40 + 3½#/gal 20-40 + 600 SCF/bbl CO₂

8,000 gals Mini Max III-40 + 4½#/gal 20-40 + 600 SCF/bbl CO₂

13,000 gals Mini Max III-40 + 5½#/gal 20-40 + 600 SCF/bbl CO₂
(Couldn't pull out of 1 tank at this point.)

12,264 gal Mini Max III-40 + 3½#/gal 10-20 + 600 SCF/bbl CO₂ (Cont.)

1-18-81 4074 gal 2% KCL + FR-20 + 600 SCF/bbl CO₂ Flush
(Cont.)

ISDP 1200psi - 15 min shut in 850 psi

Total: 176,500# 20-40 sand
42,924 # 10/20 sand

49 gal Claymaster III

97 Gal Aqua Flow

49 gal X-Cide

1630 gal Diesel :

242# Ammonium Nitrate

9 gal FR-20

78# B-5 Breaker

Rig up Wellex. Ran GR-Temp after-frac logs.

1-19-81 Opened well to atmosphere at 7:00 a.m.; gauged well at
2:00 p.m. w/ pitot tube. Making 1200 MCF w/ spray,
condensate and water. Prep to run 1½" tbg.

1-20-81 Went in hole w/ tbg. to 6395' RKB. No sand covering perfs.
Landed tbg. - 189 jts. 1½" OD, 2.3# J-55 IJ tbg. T.E.
6127.85' set at 6135' RKB. N.D. BOP. N.U. well head.
Pumped out plug and released rig at 5:00 p.m. 1-19-21.