

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: 830' FSL - 850' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

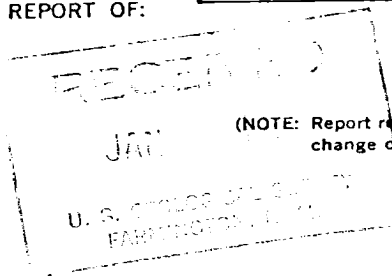
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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:

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

5. LEASE
NM 010063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lucerne

9. WELL NO.
B #1E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 17 T28N R11W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5624' GL

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 sheets for perms, acid/frac, tbq.



Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

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

SIGNED Thomas A. Dugan TITLE Agent

DATE 1-2-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE FARMINGTON DISTRICT

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NMAOCC

12-21-80 Rig up Western Co. Fraced Dakota perfs as follows:

15000 gal Mini-Max III-40 (+) 6005 SCF/bbl CO₂ - Pad
7000 gal Mini-Max III-40 @ 1½" 20/40 (+) 600 SCF/bbl CO₂
10,000 gal Mini Max III-40 @ 2½" 20/40 (+) 600 SCF/bbl CO₂
10,000 gal Mini Max III-40 @ 3½" 20/40 (+) 600 SCF/bbl CO₂
9,000 gal Mini Max III-40 @ 4½" 20/40 (+) 600 SCF/bbl CO₂
11,000 gal Mini Max III-40 @ 5½" 20/40 (+) 600 SCF/bbl CO₂
11,000 gal Mini Max III-40 @ 5½" 10/20 (+) 600 SCF/bbl CO₂
420 gal Mini Max III-30 (+) 600 SCF/bbl CO₂ - Flush
3500 gal 2% KCL H₂O (+) FR-20 (+) 600 SCF/bbl CO₂ Flush

ISDP - 900 psi
Max press 2650 psi
Ave press - 2100 psi @ 30 bbl/min.
15 min. Shut in 550 psi.

Totals: 1538 gal Diesel
420 gal Mini Max III-30
72,996 gal Mini Max III-40
80 gal Aqua Flow
40 gal X-cide
69 gal B-5 breaker
40 gal Clay Master
200# Ammonium Nitrate
91 MC Radio Sand (IR-192)
60,500# 10-20 sand
171,500# 20-40 sand
16,100# KCL

Rig up Go Wireline. Run after-frac temp log. Left well S.I.
5 hrs. Opened to atmosphere @ 5:00 p.m., 12-20-80. Checked
well at 7:00 a.m. 12-21-80. Making estimated 250 MCFGPD.
Not lifting any fluid. Gas is flammable.

12-22-80 Well unloading fluids by heads. Went in hole w/ 1½" tbg.
Tagged up at 6179'. Landed tbg. as follows: 183 jts. 1½"
OD, 2.3# V-55-IJ tbg. T.E. 5919.83' set at 5927' RKB.
N.D. BOP - N.U. tree. Pumped out pumpout plug. Left well open
thru csg. Rig down Bedford Inc. Prep. to move to Lucerne C #1E.

PIONEER PRODUCTION CORP.

Lucerne B #1E

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11-2-80 9 hrs - trip
(cont.) 6-1/2 hrs - logging w/ D.I.L. and attempt to run F.D.L. & C.N.L.
5 hrs - circ. and condition mud
1 hr - short trip
3/4 hr - cut drlg. line
1-3/4 hrs - wash to btm

11-3-80 Finish trip in hole. Cir. hole 2-1/4 hrs. Laid down drill pipe and collars. Rigged up - ran 137 jts 4 1/2" O.D., 11.60#, K-55, 8 Rd, ST&C csg. T.E. 6338.19' set @ 6348' RKB. Cemented 1st stage w/ 20 bbls CW-100 followed by 225 sx class "H" self-stress w/ 10% salt & 10% D-53 (total slurry 351 cu. ft.). Reciprocated pipe OK and had full mud returns while cementing. Maximum cementing pressure 700 psi. Bumped plug w/ 1200 psi - float held OK. Opened stage tool @ 4275' & circulated three hours with rig pump. Cemented 2nd stage w/ 20 bbls. CW-100 followed by 545 sx 65-35 plus 12% gel w/ 12 1/4# gilsonite # 1/4# flocele per sx followed by 200 sx 50-50 pos w/ 2% gel, 10% salt and 1/4# flocele per sx. (total slurry 1804 cu. ft.). Good mud returns throughout job. Plug on btm @ 2:15 a.m. 10-3-80. Nipped down B.O.P. Set 4 1/2" csg slips & released rig @ 4:00 a.m. 11-3-80.

DAILY REPORT

12-17-80 Moved in and rigged up Bedford, Inc. pulling unit. Prep. to pick up 3-7/8" bit & csg. scraper to drill stage tool. S.D.O.N.

12-18-80 Unload and rack 2-3/8" tbg. Pick up 3-7/8" bit and csg. scraper. Trip in hole and drilled stage tool at 4275'. Circulate hole clean. S.D.O.N.

12-19-80 T.I.H. w/ tbg. & bit - tagged cement at 6120'. Drilled cement to 6239' PBTD. Circulated hole clean. Nipped up B.O.P. Western Co. pressure tested 4 1/2" csg. to 4000 psi. Held OK. Circulated hole w/ 2% KCL wtr w/ 2.5#/1000 gal ammonium nitrate. Start out of hole laying down 2" tbg. S.D.O.N.

12-20-80 Finish laying down 2-3/8" tbg. Rig up Go Wireline. Run GR-CBC-CCL from PBTD 6236' to 5200'. Had 100% cement band across pay zone. Perforate Dakota formation 6031-35-53-55, 6106-09-15-18-23-26-29-38-40-59-61, 6200.

Rig up Western Co. Break down pers w/ 2% KCL wtr. Pumped 2000 gals 15% HCL w/ 15#/1000 gals XR-2 (+) 1 gal/1000 gal Aqua flow (+) 1 gal/1000 gals Inhibitor (+) 1/2 gal/1000 gal FR-20. (+) 1 gal/1000 claymaster. Dropped 30 RCN Ball sealers. Flush to perms w/ 2% KCL water. Initial breakdown 3100 psi. Min treating press 800 psi; Max treating press 4150 psi; Ave treating press 1000 psi @ 10 bbl/min. Ball out w/ 4150 psi. Ran junk basket - retrieved all ball sealers, 16 w/ perf. indentations.