

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions
reverse side)

Subject Bureau No. 1004
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL

NM 55947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cotton Draw Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Morrow

11. SEC., T., E., M., OR BLE. AND
SURVEY OR AREA

Sec-23, T-24-S, R-31-E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Fortson Oil Company

3. ADDRESS OF OPERATOR

301 Commerce Street, Suite 3301, Fort Worth, TX 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.)

At surface

1980- FNL & 660' FWL, SW/4 NW/4, Unit letter E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3554' GR

12. COUNTY OR PARISH

Eddy

13. STATE

NM

16

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Continued Completion

(Other)

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Include 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.)

- 6/6/91: 3700 psig SITP. Rig up Jarrell and ran blanking plug. Bled pressure off and loaded hole with 10# brine, plug leaked. Pull out of hole with plug and equalizing prong. Change seals and -O- rings. Ran back in hole and plug held. Remove well head and install BOP. Released Baker Anchor seal assembly. Displaced tubing with 10# brine.
- 6/7/91: Pulled out of the hole with tubing, remove seal assembly and tubing seal receptacle with on/off tool. Ran Baker loc-set Model "G" retrievable bridge plug, set top at 14,895', (8.00') 17' above first D.B. packer. Rig up Halliburton and spot 2 sacks 20/40 sand on RBP. Pulled bottom of tubing to 14,842'. Spot 400 gallons 10% Acetic acid.
- 6/8/91: Ran perforating guns to 1500'. Pressured up to 2500 psig, held O.K. Went in the hole and perforated (18, 0.41" holes) from 14,817' to 14,826'. Perforated (16, 0.41" holes) from 14,834' to 14,842'. Checked PBTD at 14,869' (top of sand). Ran 3.75" gauge ring to 14,785'.
- 6/9/91: No pressure, no vacuum. Ran Baker Model DB packer with mill out extension, 10' sub, 1.78" "R" nipple with plug in place. Set top at 14,765'. Ran and tested tubing to 10,000# above slips. Ran Baker E-22 seal assembly, 2 3/8" N-80 10' sub, 2 3/8 X 4 1/2 Baker ER Receptacle with on-off with 1.81" profile nipple, 104 joints of 2 3/8" CS Hydrill P-105 tubing (3323'), 376 joints 2 7/8" P105 ABC Modified tubing (11,443', testing all to 10,000 psig.
- 6/10/91: Pumped 10 barrels brine down casing. Remove BOP and install well head, test tree to 5800 psig. Install wrap-around. Set down in packer and pressure up on casing to 500 psig, packer set in 16,000# compression. Pressure test ring gasket and wrap around to 5300 psig. Rig up and swab fluid to 4000 psig. Rig up Jarrell Services and ran tool, pulled equalizing probe. No change in fluid level, ran tool and pulled plug out of hole. Rig up and continue to swab to change over at 11,400'.

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

SIGNED

TITLE

Agent

DATE 7/2/91

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

1991

SJS

*See Instructions on Reverse Side

6/11/91: 0- TP. Fluid level 9500' from surface. Swabbed to 11,200' with 2-3' flare while pulling swab. Rig down and rig up Halliburton, load tubing with 10# brine, brought pressure up to 1200 psig, no bleed off, increased slowly to 2000 psig and held for 5 minutes, bled back to 1750 psig. Increased pressure to 2500 psig, formation broke at 1/4 BPM at 2500 psig, 1 1/2 BPM at 2850 psig. ISIP 2400 psig, in 5 minutes 2050 psig, in 10 minutes 1950 psig, in 15 minutes 1930 psig. 83 barrels load to recover. Rig up to swab. Swabbed 70 barrels load water. Final swab runs pulled from change over at 11,400', making gas on swab runs 2-3' flare. 13 barrels load to recover.

6/12/91: SITP 925 psig. Hit fluid at 6800' from surface. Swabbed down to change over, recovered 11 barrels load water. Rig up Halliburton and acidized from 14,817' to 14,842' with 3400 gallons 7 1/2% Moro-flu BC acid with 155,000 scf nitrogen and 30 ball sealers. Maximum pressure 6400 psig, average 6275 psig, no ball action. Average total injection rate 4.68 BPM. ISIP 5100 psig, in 5 minutes 5050 psig, in 10 minutes 5000 psig, in 15 minutes 5000 psig. 132 barrels load to recover. Rig down Halliburton and started flowing back, flowed back all of flush and 10 barrels acid water, making heads and died. Swabbed back 40 barrels load water. Swabbed to change over, made 3 runs off of change over. Making small amount of gas and nitrogen. Recovered a total of 101 barrels load water, 31 barrels load to recover.

6/13/91: SITP 1300 psig, blew down, gas with nitrogen mixed. Rigged up swabbed a total of 9 hours keeping well swabbed down to the change over. Dropped soap sticks. Recovered 19 barrels load water. 12 barrels load left to recover.

6/14/91: 15 hour SITP 975 psig. Fluid at 3000' from surface. Swabbed 8 barrels of load water in 4 hours. Lack 4 barrels load to recover.

6/15/91: Well Shut in.

6/16/91: Well Shut in.

6/17/91: SITP 2150 psig, bled down. Rig up pump truck and loaded tubing with 10# brine. Remove well head and installed BOPs. Release seal assembly from Baker Model D packer. Reverse circulate gas bubble with 100 barrels 10# brine. Pulled out of the hole with tubing, seal assembly and ER receptacle.

6/18/91: Ran Baker DR plug on tubing and set in DB packer at 14,765'. Pressure test to 2000 psig. Mix and pump 20 sacks cement to spot at 14,765'. Pulled tubing to 14,715' and reversed out excess cement (leaving 50' plug).

6/19/91: Pulled tubing to 14,636'. Pumped 400 gallons 10% Acetic acid to spot.

6/20/91: Ran Baker loc-set packer, 10' sub, Baker ER Receptacle with on/off tool, 87 joints 2 3/8" CS Hydril tubing and 388 joints of 2 7/8" P-110 tubing. Pumped 10 barrels water down casing and reverse into tubing. Set packer and remove BOP, test well head to 8500 psig. Installed wrap around and tested packer and wrap around to 500 psig. Set 14,000# weight on packer in compression. Bolted down well head and test gasket and wrap around to 5800 psig.

6/21/91: Rig up Halliburton wireline truck. Run perforating gun to 1500', pressured to 2500 psig. Go in hole and perforate 16, 0.25" holes from 14,628' to 14,636' no pressure. Pulled out of the hole with perforating gun. Went back in the hole with another perforating gun, when back on bottom pressure had built up to 400 psig. Bled off lower zone. Perforated 20, .25" holes from 14,466' - 14,476'. Pressure increased to 1000 psig after perforating. Pulled out of the hole and pressure had built to 1500 psig. Rig down wireline truck, had 3000 psig at surface. Opened and flowed back load water at 12:05 PM. First hour flowed back 3 1/2 barrels, second hour recovered 3 1/2 barrels. Rig up swab at 2:05 PM. Swabbed 49 barrels load water, at 5:30 PM had flowed back most all of load water, quit flowing water and making estimated 190 MCF gas/day.

6/22/91: 7:00 AM 2500 psig. Blew well down with a spray of water for 6 minutes. Placed well on a 3/8" choke, FTP 70 psig 200 MCF/day for 1 hour. Placed well on 5/16" choke rate 200 MCF/day, FTP 125 psig for 1 hour.

6/23/91: Well Shut in.

6/24/91: This AM SITP 8070 psig. Blew well down, did not recover any water, rate estimated at 210 MCF/day. Rigged up Halliburton and acidized with 3600 gallons 7.5% acid with 1000 scf nitrogen/barrel and 36 ball sealers. Maximum pressure 8270 psig, minimum 7380 psig, average 7700 psig. Average injection rate 4.8 BPM, ISIP 6650 psig, 5 minutes 6530 psig, in 10 minutes 6400 psig, in 15 minutes 6330 psig. 132 barrels of load to recover. Open well to pit, flowed 105 barrels load in 8 hours. Estimated final flow rate 500 MCF/day.

6/25/91: This AM SITP 7600 psig. Blew well down and recovered 12 barrels load water. Levelled off at 440 MCF/day FTP 30 psig, 3/4" choke. Changed to an 1/8" choke, FTP 650 psig in 1 hour. Changed choke to several different settings, rate ranged from 360 MCF/day to 420 MCF/day. Final rate for date on 11/64" choke FTP 555 psig, 360 MCF/day.

6/26/91: This AM SITP at 7:00 AM 7600 psig. Blew down and recovered 7 barrels load water. Continued to flow well on 3/4" choke, levelled off to 400-440 MCF/day FTP 28-30 psig. Released pulling unit at 9:30 AM and shut well in to rig down. Shut in 2 1/2 hours. Pressure built to 1100 psig. Blew well down and recovered 3 BLW. Flowed from 12:00 PM to 4:00 PM in 1" choke, rate 400-440 MCF/day. Shut in at 4:00 PM. Estimated 5 barrels load water to recover.