

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 ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR

Fina Oil & Chemical Company

3. ADDRESS OF OPERATOR

P. O. Box 2990 Midland, TX 79702

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

AT SURFACE: 330' FSL & 660' FEL, Sec. 26

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

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

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5. LEASE
Johns "B" LC 058408B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Johns "B"

9. WELL NO.
5

10. FIELD OR WILDCAT NAME *Corbin abv*
~~Maljamar (Grayburg-San Andres)~~

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

Sec. 26, T-17-S, R-32-E

12. COUNTY OR PARISH
Lea

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KDB +3969 GR +3958

(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.)*

Please see attached well summary and wellbore sketch and proposed plug and abandonment procedure.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Charles M. Tomblin TITLE Senior Pet. Eng. DATE 4-28-87
Charles M. Tomblin
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Johns "B" #5
Recompletion Attempt Summary

- 1/27/87 Dowell-Schlumberger mixed and pumped 200 sx class H cement balancing plug from 8350 to 6656' (calc) by displacing with fresh water.
- 1/28/87 Attempted to recover 5 1/2" casing by jet cutting casing at 6110' and 4503' with no success.
- 1/31/87 Ran Dialog Stuck Pipe log from 4450' to surface. Found 5 1/2" casing to be cemented from 400' to 2700' inside 8 5/8" casing.
- 2/3/87 Ran 5 1/2" cement retainer and set at 4300'. Schlumberger perforated 5 1/2" casing with 4 circulation jets at 2750'.
- 2/4/87 Attempted to establish circulation through retainer down and around casing cut at 4503' and up 8 5/8"-5 1/2" annulus and out wrap-around squeeze holes at 2750'. Dowell-Schlumberger pumped 250 gal 15% NEFE acid below retainer but pressure increased to 2000 psi at 1 BPM injection rate. POOH w/stinger and R.I.H. w/5 1/2" treating packer and set at 2536'. Dowell-Schlumberger pumped 500 gal 15% NEFE acid out perfs at 2750' but pressure increased to 1900 psi at 0.8 BPM. Acid had no effect in opening restrictions.
- 2/5/87 R.I.H. w/stinger and stung into retainer. Pressured up on tubing to 2500 psi but could not pump below retainer. Dialog perforated 5 1/2" casing at 4260. Pressured up on tubing to 2100 psi but could not break perfs down. R.D. pulling unit.
- 2/21/87 R.U. pulling unit. Dialog perforated 5 1/2" casing with 4 circulation jets at 4210'. R.I.H. w/5 1/2" treating packer and set at 2836'. Established circulation from 4210' to 2750'.
- 2/26/87 Set 5 1/2" cement retainer at 4152'. Dowell-Schlumberger mixed and pumped 225 sx class "C" cement with 1% D60 and 4.4 lbs/sk salt.

- 2/27/87 Bennett & Cathey ran a temperature survey showing a heating effect from 4129' to 3300'. Drilled retainer and cement out to 4300'.
- 3/3/87 Well flowed back 25 bbls formation water at 12 BPH. Caught sample and sent to Dowell-Schlumberger lab.
- 3/4/87 Set squeeze packer at 4154'. Dowell-Schlumberger pumped 500 gal 10% Hcl acid through squeeze perfs at 4210'. POOH. Set 5 1/2" cement retainer at 4156'. Dowell-Schlumberger mixed and pumped 150 sx class "C" cement with 0.5% D127, 4.4 lbs/sk salt & 2% Kcl and Cardinal Surveys tagged cement with radioactive tracer.
- 3/5/87 Drilled out retainer and cement down to 4300'. Cardinal Surveys found radioactivity from 4315' to 4207'.
- 3/6/87 Tested squeeze perfs at 4210 to 1600 psi with no leak off in 30 minutes.
- 3/9/87 Drilled out bottom retainer and cleaned well out to 4609'.
- 3/10/87 Schlumberger ran CBL-GR-CCL and CNL-GR-CCL from 4523' to 3300'.
- 3/11/87 Open-ended tubing set at 4500'. Dowell-Schlumberger mixed and pumped 25 sx class "C" balanced plug from 4500' to 4250' inside 5 1/2" casing. Schlumberger perforated for Grayburg production at 4190-92', 95-96' & 4198 to 4200'. RIH w/5 1/2" treating packer on 2 7/8" tubing. Set packer at 4155' and began swabbing. Measured 2 BPH fluid influx. Attempted formation breakdown with fresh water. Increased pressure to 3300 psi with no success. Unset packer and lowered to 4197' where green cement was encountered. Reversed out green cement and cleaned well out to 4205'.
- 3/12/87 Schlumberger perforated 5 1/2" casing with 4 circulation jets at 3950'. Set packer at 4015' to reverse out 8 5/8"-5 1/2" annulus from 4190' to 3950' for a second attempt at a wrap-around squeeze. Pumped 60 bbls fresh water down tubing at 2 BPM with 100 psi tubing pressure. Reversed out blackish water and approx 4 bbls similar to drilling mud. Lowered packer and packer set down at 4049'. Ran lead impression block and found 5 1/2" casing collapsed at 4049'.

- 3/13/87 Set 5 1/2" Elder cement retainer at 3964'. Dowell-Schlumberger mixed and pumped 95 sx class "H" with 2% CaCl_2 , 80 sx below retainer and 15 sx on top of retainer. Reversed out approx 32 sx cement from 3840'.
- 3/14/87 Schlumberger perforated 5 1/2" casing with 4 circulation jets at a depth of 3330'. Dowell-Schlumberger performed wrap-around squeeze from 3330' to 2750' by pumping 125 sx class "H" with 2% CaCl_2 (131.25 ft³) below cement retainer set at 3239'. Cement did not circulate out upper wrap-around perf at 2750'. Top of cement unknown.
- 3/16/87 Pressure tested upper wrap-around perf at 2750' to 1000 psi and held for 30 minutes. Drilled out cement retainer and cement. Cleaned well out to 3840'.
- 3/17/87 Schlumberger perforated Queen section at 3524-29', 37-42' and 46-48'. Dowell-Schlumberger performed 2000 gal 15% NEFE acid breakdown. Formation broke at 4000 psi. Swabbed back 18 BLW, no fluid influx.
- 3/18/87 Dowell-Schlumberger re-acidized with 3000 gal 15% NEFE acid. Swabbed well down to seating nipple recovering 18 BLW. No show of oil or gas.
- 3/25/87 Well shut in for 7 day buildup. Shut in tubing pressure was 0 psig. Tagged fluid level at 2400' from surface on 1st swab run. Swabbed well down to seating nipple at 3490' in 4 runs. One-hour influx measured 1.3 bbls. Recovered 9.3 bbls of blackish water with no show of oil or gas. Recompletion attempt unsuccessful.

Charles M. Tomblin
Senior Petroleum Engineer
4/28/87

CMT:dlb