

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
Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR
313 Washington, SE, Albuquerque, NM 87108

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Unit "K" - 1850' PSL & 1850' 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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Progress Report

XX

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.)*

Well History from 7-12-82 thru 7-15-82.



Subsurface Safety Valve: Manu. and Type

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

SIGNED L. W. Miller TITLE President DATE August 4, 1982

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form Approved.
Budget Bureau No. 42-R1424

5. LEASE

Jicarilla 54

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chace Apache 54

9. WELL NO.

11

10. FIELD OR WILDCAT NAME

Chacon Dakota

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

Sec. 3, T22N, R3W

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

14. API NO.

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

7230 KB

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

Set @ _____ Ft.

August 4, 1982

ACCEPTED FOR RECORD

AUG 11 1982

NMOC

Elbert

Followed by 50 sxs of Class B. Cement neat. Plugged down at 9:40 P. M. on 6-24-82. Circulated 11 barrels of cement to surface.

7/12/82: Moved Flint in to complete well. Rigged up. Ran tubing in to 2700'. Drilled out D. V. Tool at 7:30 P. M. Reamed. Went in to 7082'. Tested casing to 4000 psig. Prepared to displace hole with Kcl water. 10:30 P. M. started displacing hole. Completed at 11:00 P. M.

7/13/82: Spotted 250 gals. 7½% Hcl. COOH with tbq. @ 1:30 A. M. Started running correlation log. Out of hole with log @ 4:00 A. M. GBIHW cement bond log. Instrument hanging on DV Tool remnant. WBIH with mill, and smoothed up @ 5:30 A. M. Out of hole with log tool 6:00 A. M. Ran in the hole with new bit. Clean out D. V. Tool. POOH. Ran junk basket. Perforated Dakota "D" as follows: 6953, 6959, 6961, 6967, 6969; 4 SPF. Rig up Newsco to break down. Dakota "D" zone broke down @ 1600# with 13 BPM. ISIP 1500#. Max. rate 27 BPM. Dropped 40 balls. Bled down. WIHW junk basket. Picked up balls. Went in hole. Set packer @ 6925'. Rig up to swab 12:40 P. M. Gas show on 3rd swab. No increase after 6 swabs. Set plug @ 6900'. Came out hole with tubing and packer. Went back in hole. Set bridge plug @ 6929. PBTD. (measured from KB). Tested csg. to 4000#. Went in hole with Bluejet perf. gun. Perf. Dakota "B" zone as follows: 6858, 6860, 6862, 6864, 6866, and 6870 @ 4 SPF. Came out of hole with perf. tool. Bullheaded 250 gal. 7½% Hcl with 40 balls. Broke down formation @ 2900#; 2 bbl/min injection rate. Second break @ 3500#. Balled off @ 3800#. Bled off, then shut in. Pressure built up to 1500#. Going in with junk basket through lubricator. Basket stopped on DV Tool. Came out hole with basket. Back in hole with 3 7/8" mill to remove burr on DV tool. Come out of hole with mill. Go back in hole with junk basket. Retrieved balls, and COHWJB. Frac'd with 33,500# 20-40 sd. 955 bbls. slick water. Max. press. 3800#. Average pressure 3000#. ISIP 2200#; after 15 min. 1740#. Max. rate 27 BPM. Min. rate 17 BPM. Set bridge plug at 6820'.

7-14-82: Tested csg. to 4000#, 1:30 A. M. Perfed Dakota "A" formation as follows: 6759, 6761, 6765, 6769, 6771, 6773, 6775, 6779 @ 4 SPF. Tried to break down. Sanded off. No flow. WIHWT. Washed out sand. Broke formation down. Dropped 50 balls. Formation broke at 3700#. Rate 8-9 bbls. per min. Balled off. Prepared to re-perforate @ 6759, 6761, 6765, 6769, 6771, 6773, 6775, 6779. (32 holes). GIHWJB. COHWJB. Recovered 24 balls, 6 hit. Attempted to break down formation. Did not get solid ball off; dropped 60 balls. GIHWJB. COHWJB. Recovered 75 balls; 13 hits. Prepare to pump in sand formation. Pressure 1490# at surface. BHP 5395# while treating. Pumped in 330 bbls. pad @ 3500# and 21.5 bbls./min. Pumped in ½ lb. sd with 5000 gal (119 bbls) followed with 110 bbls. water. Pumped in ¾ lb sd with 213 bbls. Pressure about 3200#. Pumped in 1 lb. sd with 146 lbs. water. Pressure average 3180#. Pumped in ¾ lb sd with 330 bbls. Press. built up to 3490#. Flushed with 126 bbl. water. Press. 3700. Pumped in 29,778 lbs. sd. Total fluid 1378 bbls. less 33 bbls. sd. GOIHW Bridge plug. Set at 6520. Pressure test plug to 4000#. Ok. GOIHW tubing. Spot 2 bbl. acid. COHWT. GOIH. Perforate Tocito zone @ 6372, 6374, 6434, 6438, 6442, 6444, 6476, 6478, 6480, 6482 and 6484 @ 4 SPF. Released Bluejet.

7-15-82: GOIHW packer on tubing. Set up N2 Operation.

Displace tubing with N₂ 19,200 scf. Set Packer @ 6170. Pump in 5 bbls. acid, and 3600 scf N₂. Dropped 35 balls. 15 bbl spacer. Dropped 40 balls. Ball off press 4200#. Surge balls out and test. Swabbed hole out. Small flow of gas. Swabbed down. No fluid. Prepared to frac Tocito. No pressure on csg. Started pumping in @ 26.5 bbls/min. Pressure reached 3000#, then dropped back to 2800# @ 22.5 bbls/min. Pumped in 333 bbls pad @ 22.6 bbls/min - 2930# pressure. Pumped in ½ lb sd with 194 bbls @ 22.5 bbls/min. 2970#. ¾ lb sd with 207 bbls. @ 22.5 bbls/min. 3300#. Start flush. 101 bbls. Total bbls. fluid 836 bbls. Total sd. 10,500 lbs. ISIP; 2500#. 15 min. SI 2150# @ 4:00 P. M. @ 7:45 P. M. 1700# press. Bled off. GIHWT. Started swabbing. Recovered water and some sand.