

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 ☐

2. NAME OF OPERATOR
Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR
313 Washington SE Alb. NM 87108

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) Unit "B" 805' FNL & 2310' FEL
AT SURFACE:
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:

Perforating & Treating

RECEIVED

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

FEB 24 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.)*

12/18/81, went in and ran correlation log from 7364' - 5700' COOH. Ran gas spectrum log from 7364' - 3850'. COOH, WIH with perforating gun and shot 4 holes per foot as follows: Dakota "D" 7343'-7355' shot 2 holes 4spf @ 7344' and 7363'. Dakota "A" 7210'-7254' shot 5 holes 4spf @ 7211', 7217', 7223', 7228', and 7253'. Came out of hole with perforating gun and broke formation down at 2000# and balled off. Fracked with 2451 bbls slick water and 84,500# of 20-40 sand. Treating pressure - min. 3000#, Max. 3500#, Avg. 3200#, Avg. inj. rate 49 BPM ISIP - 1700#. After 30 minutes 1200#.

(See attached sheet for continuation)

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

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

SIGNED Ray M. Cary TITLE President DATE 2/5/82

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT
BY SNL

PAGE TWO

12/19/81, set bridge at 6517'. Perforated Gallup interval 5804'-6277', 6189'-6169, 6151, 6146', 6139', 6123', 6199', 6235', 6238', 6242', 6256', 6276', 5974', 5910', 5904', 5815', 5804',. All 4 shots per foot. COOH with p/gun and broke formation down at 2000#. Balled off perfs with 60 balls ISIP 400#. Shut in overnight.

12/20/81, hooked up Western and American Gas for CO₂ frac. Pumped in at 50 bbls rate for 500 bbls at 3200#. Formation started closing. Pressure increased volume dropped to 10 BPM. Flushed. Shut down. Thought balls had stuck in perfs. Ran junk basket. Attempted to frac again. Formation took 830 bbls and plugged up a second time.

Went in with perforating gun and reshot 24 holes; 6276, 6256', 6242', 6238', 6235', and 6199' - 4SPF, in addition to the above perfs. Broke down perfs with balls, Ran junk basket. Fracked with 135,000 lbs. of 20-40 sand and 140,000 gallons of slick water. Pressures - Min. 3000# Max. 3900#, Avg. 3400#, Inj. rate 48 bbls per min. ISIP 1000# - formation on vacuum after 1 hour. WIH with tubing and bit to drill out bridge plug.