

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 ☐  
well 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.) Unit "I" 2310' FSL & 990' 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:

☐  
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☐

Progress Report

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.)\*

July 1, 1982

Well History Attached - June 21, 1982 thru June 24, 1982.

5. LEASE Jicarilla #71	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Jicarilla #71	
9. WELL NO. #7	
10. FIELD OR WILDCAT NAME S. Lindrith Gallup Dakota	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T23N, R4W	
12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 7225' KB	

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



Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED

*Royce M. Carr*

TITLE

President

DATE

July 1, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NMOCC

SMH

6/12/82

Day #14.

3 1/4 hours - Cement second stage with 405 sxs 65/35 poz,  
2% gel; 100 sxs Class B neat  
Plugged down at 7:15 A. M., June 11, 1982. Circulated  
12 barrels of cement to surface. Released rig at noon  
6/11/82.

6/21/82

Moved Spartan Well Service in to complete well. Drilled out  
D. V. Tool at 3281', and cleaned out hole to 7499'. Spotted  
250 gals. 7½% Hcl acid. Tested csg. to 4000 psig. COOH with  
tbq. Ran correlation log in preparation for perforating.  
WIHWPG to perforate Dakota "D" zone, (Interval 7383'-7450'),  
and perforated the following: 7384', 7410', 7414', 7423',  
7426', 7429', 7432', 7437', and 7443', 4 shots per foot.  
COOHWPB and hooked up NASCO to break down formation. Pumped  
in 20 bbls of Hcl. Water broke formation at 2100#. Pumped  
in to establish a rate of 32 B/P/M at 2900 psig. Dropped 60  
balls, and balled completely off. Released pressure-WIHW ball  
catcher, and retrieved balls.

6/22/82

Frac'd zone with slick water, (2½# FR-2 per 1000 gals.), clay  
stabilizers and adamite. Ran 16,000 gal pad, followed by  
51,000# 20-40 sand, and 2,019 bbls slick water. Total fluid  
2,406 bbls. Max pressure 3600# - Min 2640#. Average fluid  
rate 30 bbls. per min. ISIP 1800 psig. After 15 min. 1500#.  
Set bridge plug at 7350'. Tested csg to 4000 psig. WIHWT,  
and spotted 250 gals. 7½% Hcl acid. COHW tbq. WIHW perforating  
gun. Perforated Dakota "A" zone, (Interval 7245'-7285') at  
7259', 7261', 7263', 7265', 7268', and 7271' with 4 shots per  
foot. COHWPG and started frac. Broke down formation with 20  
bbls Hcl water, and established a 35 B/P/M rate. Dropped  
60 balls, and balled off perfs. Released pressure and ran  
junk basket to pick up balls. Flanged up head and frac'd  
with 16,000 gal pad, 56,000# 20-40 sand, and 2,300 bbls of  
slick water, (2½# FR-2 per 1,000 gal.) clay stabilizers and  
adamite. Total fluid 2,686 bbls. Max. press. 3,670# - Min.  
2,600#. Average fluid rate 34 B/P/M. ISIP 1,800# After 15  
min. 1,500#. Set bridge plug at 7,050'. Tested csg. to 4,000#.

6/23/82

WIHWPG to perforate the lower Tocito. (lower Mancus) Zone for  
an additional test. Perforated 6956', 6961', 6963', 6965',  
6971', and 6972', each foot shot with 4 holes. COHWPG and  
WIHWT and packer. Set packer at 6888'. Displaced tbq. with  
nitrogen. Hooked up nitrogen and Hcl slick water. Broke down  
formation at 2800#. Pumped in 20 bbls. fluid and nitrogen.  
(44,000 SCF). Established a rate of 20 B/P/M. Dropped 50  
balls. Could not ball off. Flowed nitrogen, etc. to surface.  
Slight show of gas. After 30 minutes flowed well. 2 hours  
it died. Went in with swab, and swabbed 4 times. Well kicked  
off by heads, flowing water, gas and oil. Flowed 20 minutes  
and died. COOHWT and packer, and hooked up to frac. equip.  
Pumped 386 bbls of slick water at 11.3 BPM. Started 20-40  
sand, and put away 8,000# before sanding off. Total fluid  
pumped in 764 bbls. Opened well to pit. Flowed 2 hours,  
making mostly frac water, trace gas, and oil. Died. Started

swabbing. Well started kicking after 3 swabs. Would flow water, gas and oil for 10 min., then die. Decided to leave alone. Went in with tubing and mill. Drilled out plugs at 7050' and 7350'. COOHWT and bit, and WBIHWT and seating nipple. Landed tubing at 7267' KB.

6-24-82      Pressure on csg. 480#, and 270# on tbg. Well shut in while tanks are hooked up.