

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, S.E. Albuquerque, NM 87108

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
Unit "B" 805' NL & 2310' RL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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.
6

10. FIELD OR WILDCAT NAME
S. Lindreth 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
N. Mex.

14. API NO.
30-039-22826

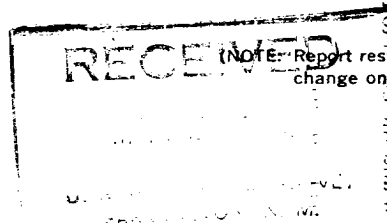
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7183 KB 7171 GR

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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(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.)*

11/21/82 Tripped in hole and laid down drill pipe and drill collar Ran 175 joints 4 1/2" 11.6# casing and 20' short joint. Shoe at 7404'. Float collar at 7365'. Cement basket at 6905', 6485', 5899'. Short joint at 5879'-99', DV tool at 3107'. Pumped 1000 mud flush. Cemented with 750 50-50 pos-mix, 2% gel, 6 1/4# salt, 6 1/4# gilsonite per sack. Plug down at 12:00 p.m. All depths KB

11/22/82 Circulated 3 hrs. 1,000 mud flush. Cemented with 650 sxs 65-35 pos-mix, 12% gel, 6 1/4# gilsonite per sack, followed by 50 sxs Class "B" neat. Plug down at 4:00 a.m. and released rig.

(Continued on Page Two)

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Eugene M. Cary TITLE President

DATE 3/22/82

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

BY SN

Cement circulated to within 600' from surface.

12/17/81 Moved and rigged Flint Completion Rig #4. Installed BOP and shut down.

12/18/81 Western moved in on 71-6. Started set up. Blue Jet arrived at 7:30 a.m. Went in and ran correlation log from 7364' - 5700'. COOH Ran gas spectrum log from 7364 - 3850'. COOH, WIH with perforating gun and shot the following intervals (KB).

Dakota "D"	Dakota "A"	Greenhorn
7355' (4 SPF)	7254' (4 SPF)	7149' (2 SPF)
7343' (4 SPF)	7248' (4 SPF)	7141' (2 SPF)
	7228' (4 SPF)	7133' (2 SPF)
	7223' (4 SPF)	7128' (2 SPF)
	7217' (4 SPF)	7126' (2 SPF)
	7210' (4 SPF)	

Came out of hole with perforating gun and broke formation down at 2000# and balled off with 65 balls. Ran junk basket to pick up balls. Fracked with 2451 bbls slick water, with 1% Kel, FR₂, and Aqua Seal, and 84,500# of 20-40 sand. Treating pressure min. 3000#, max. 3500#, Avg. 3200#, Avg. inj. rate 49 BPM ISIP - 1700#. After 30 min. 1200#.

12/19/81 Set bridge at 6517'. Perforated Gallup as follows: 6189', 6169', 6151', 6146', 6139', 6123', 6199', 6235', 6242', 6256', 6277', 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. Shut down.

12/21/81 Went in with perforating gun and reshot 4 shots per foot at the following intervals: 6277', 6256', 6242', 6238', 6235', and 6199' 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 with 1% Kel, FR₂ and Aqua Seal. Pressures - min. 3000#, max. 3900#, Avg. 3400#, Inj rate 48 bbls. per min. ISIP 1000# - Formation on vacuum after 1 hr. WIH with tubing and bit to drill out bridge plug.

12/23/81 Attempted to get circulation. Gallup formation taking fluid badly. Exchanged pump for larger one. Got circulation started. Cleaned out 70' sand over bridge plug. Drilled plug. Cleaned out to second stage.

12/24/81 Drilled out second plug. Cleaned out well to TD and pulled 19 stands. Dropped tubing. Bent arm on tongs. Will have to take to machine shop to fix. Shut in till Monday.

12/28/81 Ran seating nipple and 231 joint of tubing. Tubing at 7316' KB, seating nipple 7316' KB.