

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 'K' - 2310' FSL & 2310' FWL
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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☐
☐
☐
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☐
☐
☐

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

SEP 09 1983

SURFACE AREA

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.)*

It is our intention to workover and recomple, as necessary, this well as outlined in the attachment.

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OIL CON. DIV.
DIST. 3

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

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

SIGNED D. W. McKinney TITLE President DATE August 31, 1983

(This space for Federal or State office use)

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

APPROVED

*See Instructions on Reverse Side

SEP 12 1983
R. B. Brinkman
M. MILLENBACH
Asst. AREA MANAGER
Action

NMCC

JICARILLA APACHE 71-8
RECOMPLETION

Casing: 4½", 11.6 lb/ft, set @ 7548' KB.
Tubing: 2 3/8", EUE 4.7 lb/ft, landed @ 7301'.
D. V. Tool: 3115'.
Float Collar: 7505'.
Short Joint: 6186-6206'.

Move in 10-500 bbl frac tanks.

Move in completion rig. Unseat pump, hot oil tubing.

Pull rods and pump.

Pick up 4 joints of tubing. Tag bottom.

Circulate hole with 2% Kcl water.

Pull 3 joints of tubing.

Spot 300 gal. 7½% Hcl from 7411' up hole.

Pull 7 stands of tubing. Close BOP. Pump acid into Dakota formation.

Pull 1 joint of tubing. Spot 150 gal 7½% Hcl from 6933' up hole.

Pull 7 joints of tubing. Close BOP. Pump acid into Tocito formation.

Strap tubing coming out of hole.

Set retrievable bridge plug @ 6410'.

Test plug to 4000 PSI.

Go in hole with dump bailer. Spot 7 gal sand on plug.

TIHWT. Spot 450 gal 7½% Hcl acid from 6319' up hole.

Perforate Gallup zone as follows, 4 SPF, 44 holes:

5915', 5920', 5926', 5930', 5951', 6025', 6029', 6163', 6193', 6195', 6198'.

Break down formation and establish rate with 30 bbls FR water.

Shut down. Obtain ISIP.

Perforate Gallup zone as follows, 4 SPF, 56 holes:

6203', 6239', 6244', 6248', 6307', 6313', 6317', 6323', 6344', 6348', 6352',

6354', 6359', 6361'.

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OIL & GAS DIV.
DIST. 3

Total Gallup perforations: 100.

Break down formation and establish rate with 30 bbls FR water.

Shut down. Obtain ISIP.

Drop 150 balls. Ball off perforations.

Go in hole with junk basket to retrieve balls.

Frac Gallup zone @ 90 BPM, 3000 PSI, with 125,000 lbs 20/40 mesh sand as follows:

25,000 gal *	Pad	- -
7,500 gal	0.5 lb/gal	3,750 lbs
66,250 gal	1.0 lb/gal	66,250 lbs
36,666 gal	1.5 lb/gal	55,000 lbs

Flush to bottom perforation.

Total fluid to spot acid, break down, ball off, and frac: 4,100 bbls.

* Include casing capacity as pad

Let well stabilize for 3 hours.

Flow well back.

When flow subsides, go in hole with tubing, string float, and retrieving head to retrieve bridge plug @ 6410'.

Go in hole with tubing, string float, and bit.

Clean out to 7505'.

Land tubing with seating nipple on bottom joint @ \pm 7300'.

Swab well back until water cleans up.

BREAK DOWN AND TREATMENT FLUID WILL CONTAIN:

1. 2% Kcl by weight.
2. 2.0 lb/1000 gal FR-20 or equivalent.
3. 1 gal/1000 gal nonionic non-emulsifying surfactant.

ACID TO CONTAIN:

1. 3 gal/1000 gal nonionic non-emulsifying surfactant.
2. 2 gal/1000 gal inhibitor.

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DN.
1978

Jicarilla Apache 71-8 Recompletion:

Page Three

ADOMITE AQUA REQUIREMENTS:

Gallup zone:

15 lbs/1000 gal in pad

10 lbs/1000 gal in 0.5 lb sand

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