

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.)

Unit "F" 1850' NL & 1850'

AT SURFACE:

WL

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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RECEIVED

DEC 06 1982

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

(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.)*

It is our intention to workover and recomplete, as necessary, this well as outlined in the attachment. If we come in, we will request permission.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

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

SIGNED B. W. Miller TITLE President DATE 12/3/82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY.

APPROVED

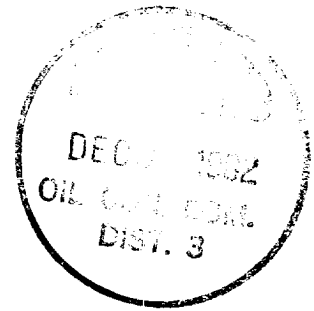
DEC 08 1982

JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions on Reverse Side

NMOCC

CHACE APACHE 15-3 RECOMPLETION:



Casing: 4½", 11.6 lb/ft, K-55.

Float Collar @ 7459'.

D. V. Tool @ 3102'.

Move in w/o rig. Pull tubing. Have Bluejet run cement bond, gas spectrum, and correlation logs. Look for frac up casing.

GIHWT. Spot 350 gals. 7½% Hcl from bottom perforation up to cover Dakota "B", Dakota "A", and Greenhorn zones. COH. GIH to reperforate Dakota zones as follows:

Dakota "B": 7150', 7152', 7154', 7156', 7158', 7210', 7212', 7214', 7216', 7218', 7220'. (44 holes - 4 SPF)

Dakota "A": 7106', 7108', 7110', 7112', 7114', 7119', 7123', 7125', 7127', 7129'. (40 holes)

Greenhorn: Perforate as follows:
7055', 7057', 7061', 7063', 7066', 7068', 7070', 7072', 7074.
(4 SPF. 36 holes)

Break down and establish rate with ±20 bbls. FR water. Drop 180 balls.

Ball off perforations. GIHWJB. Retrieve balls.

Prepare to frac @ 40 BPM @ 3500 PSI, with 100,000 lbs. of 20/40 sand as follows:

25,000 gal	pad	- -	- -
10,000 gal	1/2 lb/gal	20/40 sd	5,000 lbs.
80,000 gal	1 lb/gal	20/40 sd	80,000 lbs.
10,000 gal	1 1/2 lb/gal	20/40 sd	15,000 lbs.

Flush to bottom perforation with 2% Kcl water.

Total fluid to circulate hole, break down, and frac: 148,000 gal.

Tocito zone:

Set bridge plug @ 7030'. Test plug to 3800 PSI max. Spot 250 gal.

7½% Hcl. COHWT and perforate zone as follows:

Tocito: 6759', 6767', 6773', 6776', 6783', 6801', 6803', 6805, 6821',
6825', 6827', 6846', 6848', 6852', 6854', 6864', 6866', 6868',
6870', 6872', 6874', 6876'. (4 SPF - 88 holes)

Break down formation and establish rate with ±20 bbls FR water. Max.
pressure 3800 PSI. Drop 130 balls. Ball off perforations. GIHWJB.
Retrieve balls. Prepare to frac down casing @ 40 BPM @ 3500 PSI with
30,000 lbs. 20/40 mesh sand.

13,000 gal	pad	- -	- -
30,000 gal	1/2 lb/gal	20/40 mesh sand	15,000 lbs.
20,000 gal	3/4 lb/gal	20/40 mesh sand	15,000 lbs.

Flush to bottom perforation with 2% Kcl water. Total fluid for breakdown
and frac: 81,000 gal.

GALLUP ZONE:

Set bridge plug @ 6300'. Test plug to 3800 PSI max. GIHWT. Spot 250
gal 7½% Hcl. COHWT and perforate as follows:

6052', 6054', 6073', 6081', 6085', 6163', 6165', 6167', 6169', 6171',
6173', 6175', 6187', 6189', 6191', 6193', 6200', 6204', 6206', 6208',
6213', 6215'. (4 SPF - 88 holes)

Break down formation and establish rate with 25 bbls. FR water. Drop
130 balls. Ball off perforations. GIHWJB. Retrieve balls.

Prepare to frac down casing @ 50 BPM @ 3500 PSI with 50,000 lbs. of
20/40 mesh sand as follows:

13,000 gal	pad	- -	- -
10,000 gal	1/2 lb/gal	20/40	5,000 lbs.
40,000 gal	1 lb/gal	20/40	40,000 lbs.
3,333 gal	1 1/2 lb/gal	20/40	5,000 lbs.

Total: 84,000 gal.

Flush to bottom perforation with 2% Kcl water.

Shut well in for 1 hour.

Flow well back.

