

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.

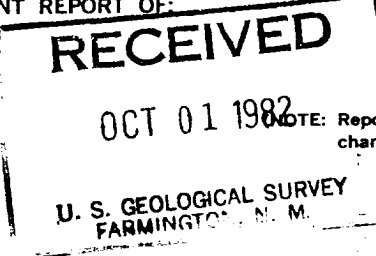
3. ADDRESS OF OPERATOR
313 Washington, SE, Albuquerque, NM 87108

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
Unit "C" 790' NL & 1850' WL
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:



5. LEASE Jicarilla 70	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Jicarilla 70	
9. WELL NO. 70-5	
10. FIELD OR WILDCAT NAME S. Lindrith Gallup Dakota	
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 27, T24N, R4W	
12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. API NO. 39-039-21826	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 7007' GR	

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.)*

See workover report attached.



Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED D. W. Miller TITLE President DATE September 28, 1982

ACCEPTED FOR RECORD (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
OCT 20 1982

FARMINGTON DISTRICT
BY JFK *See Instructions on Reverse Side

WORKOVER JICARILLA 70-5:

9-24-82:

Spartan rigged up. Tested tubing. Could not find hole in tubing. COHWT.
6:00 P. M. WO Bluejet.
8:45 P. M. Bluejet arrived. Rig up to run correlation log.
10:50 P. M. GIH to perforate Dakota "A" and "D". (fluid level 2900' going in hole). (fluid level 2900' coming out)
3 misfires on 3 top perms.
11:45 P. M. GBIH to perforate. 3 misfires. (fluid level 3060' going in hole.)
12:00 COH with perforating gun.
GIHWT and packer. Packer set @ 6506'.

9-25-82:

4:50 A. M. Prepare to frac.
14 BPM 3100#
19 BPM 3850#
20 BPM 4000#
Pumped in 200 bbl. Dropped 30 balls.
18 BPM 4000#. Dropped 1 ball every 5 bbls. after 315 bbls. fluid.
Almost complete ball off. 600 bbls injected.
ISIP 2400#.
15 min: 2250#
Flowed well back - Good volume of water. Cut with gas and oil.
Killed well after 1.5 hours.
COHWT and packer.
GIHWJB. Tagged bottom @ 7345'.
Recovered 41 balls.
GIHW retrievable plug. Failed to set.
COHW retrievable plug.
Fixed electrical circuit. GIHW plug.
Plug set @ 6950'.
GIHWT. Spotted 350 gal. 7½% HCl and sd to cover bridge plug.
COHWT.
GIHW perforating gun. Perforate Gallup.
5:30 P. M. GIHWT and packer. Set packer @ 5863'.
7:40 P. M. Rig up to frac Gallup.
Broke @ 3600# 20 BPM
Broke to 3000# 20 BPM
3400# 22 BPM
Ball off @ 355 bbls.
ISIP 600#.
Surged. Then pumped in balance of fluid to 400#.
ISIP 800#
Bleed down
COHWT and packer.
GIHWJB. Recovered 100 balls.
GIHW perforating gun. First run in Tocito.
GIHW perforating gun. Second run in Tocito.
GIHW tubing. Packer set @ 6500'.

9-26-82:

2:15 A. M. Prepare to frac Tocito.

3900# 15 BPM

3800# 15 BPM

3700# 15 BPM. Started balls 30 bbls. in.

Ball off 4200#. Total: 460 bbls.

Release packer. Knock off balls. Reset packer @ 6506'.

4:00 A. M. Start frac.

Spearhead with 33 bbls. Hcl.

3 BPM @ 2250#

ISIP 1800#

9 BPM @ 3900#

10 BPM @ 3800#

ISIP 1900#

Shut down to let acid work.

Start up again.

13 BPM @ 3900#.

14 BPM @ 3700#.

15 BPM @ 3700#.

17 BPM @ 4000#.

119 Bbls. pad.

Start 1/2 lb. sd.

3800# 17 BPM

sd. on fm.

3850# 17 BPM

119 bbls.

Start 3/4 lb sd.

3800# 17 BPM

on fm.

3850# 17 BPM

Total: 390 bbls.

3900# 17 BPM

Total: 410 bbls.

4000# 17 BPM

Total: 425 bbls.

Cut back:

3800# 15 BPM

Total: 540 bbls.

3800# 13.5 BPM

Total: 650 bbls.

Few small breaks:

3900# 15 BPM

Total: 800 bbls.

Start flush: 815 bbls.

Total fluid: 874 bbls.

ISIP: 2100#

SI @ 5:15 A. M. for 3 hours.

8:15 A. M. Started to bleed down. After flowing water for about 30 minutes, well started to flow small amount of gas. Flowed sd, water until 1:00 P. M. Cleared up. Flowed 30 min. COHWT and packer.

Tubing set @ 7325'.

SI 50# casing.