

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 'F' - 1890' FNL & 1900' 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:

RECEIVED

OCT 17 1983

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE
Tribal Contract #47

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #47

9. WELL NO.

10. FIELD OR WILDCAT NAME

South Lindrith Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 11, T23N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7422' GL

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 attached Well history. 9/24/83 - 9/27/83.

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

October 14 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

OCT 20 1983

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side

NMOCC

JICARILLA APACHE 47-5-JV

9/24/83: Drill out D.V. tool at 3180'.
Clean out casing to 7641' tubing tally.
Circulate casing clean with 2% Kcl water.

9/26/83:

8:08 A.M. Pressure test casing to 4000 PSI.
Spot 250 gal. 7 1/2% acetic acid from 7552' uphole
Trip out of hole with tubing.

10:45 A.M. Start in hole with logging tools.
Logged TD 7628'.
Log from 7628' to 5750' CBL and corr.
Log from 4750' to 5400' CBL.
Log from 2000' to 3250' CBL.

2:10 P.M. Out of hole with logging tools.
Start in hole with perforating guns.

2:50 P.M. Perforate 'D' zone at 7521', 7523' 7525'.
Shoot at 7531' - gun did not go off.
Come out of hole with gun.
Gun went off at 7518' not 7525'.
Gun fortunately fired in Dakota 'D' zone.

3:20 P.M. Perforate 'D' zone at 7525', 7531', 7533', 7535', 7538',
7543', 7545', 7550', 7552', 4 SPF, total of 48 holes.

3:40 P.M. Breakdown Dakota 'D' perforations.
Broke at 2750' PSI.
Establish rate 43 BPM @ 3100 PSI.
ISIP = 700 PSI.

3:42 P.M. Start balls. 3 balls/bbl. for 22 bbls.
Increase rate to 54 BPM @ 3000 PSI.
Have ball action. Have ball off at 4000 PSI.

3:55 P.M. Go in hole with junk basket.
Recover 65 balls.

9/26/83: DAKOTA 'D' FRAC:

4:53 P.M. Start pad 57 BPM @ 3400 PSI.

4:59 P.M. Start 0.5 lb./gal. sand 58 1/2 BPM @ 3400 PSI.

5:01 P.M. 0.5 lb. sand on formation 58 BPM @ 3500 PSI.

5:02 P.M. Start 1 lb. sand 58 BPM @ 3500 PSI.

5:04 P.M. 1 lb. sand on formation 58 BPM @ 3500 PSI.

5:10 P.M. On 1 lb. sand 58 BPM @ 3450 PSI.

JICARILLA 47-5-JV

5:16 P.M. On 1 lb. sand 57 BPM @ 3600 PSI.

5:19 P.M. Start 1.5 lb./gal. sand 57 BPM @ 3600 PSI.

5:21 P.M. 1.5 lb./gal. on formation 57 BPM @ 3600 PSI.

5:25 P.M. On 1.5 lb. sand 57 BPM @ 3600 PSI.

5:30 P.M. Start flush 54 BPM @ 3800 PSI.

5:33 P.M. Flush away shut down.
ISIP = 1800 PSI.
5 min. = 1550 PSI.
10 min. = 1475 PSI.
15 min. = 1400 PSI.
Total sand 78,300 lbs.
Total water 2,265 bbls.

5:50 P.M. Start in hole with EZ drill bridge plug.

6:40 P.M. Set plug @ 7436'.

7:00 P.M. Pressure test plug to 4000 PSI.
TIHW/tubing SPOT 400 gal. 7 1/2% Hcl from 7381' uphole.

11:00 P.M. Perforate Tocito at 7058', 7060', 7062', 7064', 7066,
4 SPF, 20 holes.

Perforate Greenhorn at 7269', 7285', 7288', 7293', 7298',
7301', 4 SPF, 24 holes.

11:27 P.M. Break down perforations.
Broke at 1400 PSI.
Establish rate 37 BPM @ 2800 PSI.
ISIP = 1500 PSI.

11:54 P.M. Perforate Greenhorn at 7304', 7306', 7311', 7317', 7321',
4 SPF, 20 holes.

Perforate 'A' zone at 7363', 7365', 7367', 7370', 7372',
7374', 4 SPF, 24 holes.

9/27/83:
12:34 A.M. Perforate Dakota 'A' at 7376', 7378', 7381', 4 SPF, 12 holes.

12:52 A.M. Establish rate 54 BPM @ 3000 PSI. ISIP = 1100 PSI.

12:54 A.M. Start balls, 3 balls/Bbl. in 50 bbls. (Total 150 balls).
Increase rate to 58 BPM @ 2800 PSI.
Have ball action. Have ball off at 4000 PSI.
Start in hole with junk basket to recover balls.
Recover 101 balls out of 150 balls.

JICARILLA 47-5-JV

DAKOTA 'A', TOCITO, GREENHORN FRAC:

2:17 A.M. Start pad. 68 BPM @ 3600 PSI.

2:22 A.M. Start 1/2 lb. sand 65 BPM @ 3500 PSI.

2:24 A.M. 1/2 lb. sand on formation 65 BPM @ 3450 PSI.

2:25 A.M. Start 1 lb. sand 65 BPM @ 3500 PSI.

2:27 A.M. 1 lb. sand on formation 65 BPM @ 3400 PSI.

2:36 A.M. On 1 lb. sand 64 BPM @ 3500 PSI.

2:40 A.M. Start 1.5 lb. sand 64 BPM @ 3650 PSI.

2:42 A.M. 1.5 lb. sand on formation 64 BPM @ 3650 PSI.

2:47 A.M. On 1.5 lb. sand 64 BPM @ 3600 PSI.

2:52 A.M. Start flush 63 BPM @ 3700 PSI.

2:54 A.M. Flush away shut down.
ISIP = 1400 PSI.
5 min. = 1100 PSI.
10 min. = 1000 PSI.
Total sand 90,000 lbs.
Total water 2,465 bbls.
Start in hole with baker bridge plug.

3:54 A.M. Set plug at 6770'.

4:15 A.M. Pressure test plug to 4000 PSI.

4:45 A.M. Spot 7 gal. sand on plug.
Spot 500 gal. 7 1/2% Hcl from 6718' uphole.

9:57 A.M. Perforate Gallup at 5951', 5970', 6058', 6064', 6147',
6151', 6155', 6195', 6233', 6246', 6322', 2 SPF, 22 holes.

10:17 A.M. Break down perforations.
Broke at 1600 PSI.
Establish rate 39 BPM @ 2800 PSI.
ISIP = 350 PSI.

10:40 A.M. Perforate Gallup at 6354', 6356', 6359', 6362', 6366',
6383', 6386', 6389', 6392', 6396', 6423', 2 SPF, 22 holes.

11:10 A.M. Perforate Gallup at 6425', 6436', 6443', 6447', 6452',
6455', 6458', 6460', 6462', 6464', 6466', 2 SPF, 22 holes.

11:42 A.M. Perforate Gallup at 6468', 6478', 6482', 6484', 6490',
6496', 6498', 6550', 6552', 6554', 6556', 2 SPF, 22 holes.

JICARILLA 47-5-JV

12:15 P.M. Perforate Gallup at 6560', 6677', 6679', 6683', 6689',
6696', 6700', 6703', 6709', 6716', 6718', 2 SPF, 22 holes.

12:48 P.M. Establish rate in Gallup Formation.
95 BPM @ 3300 PSI.
ISIP = 200 PSI.
Start Balls. 3 balls/bbl. in 57 bbl. water. Total 170 balls.
Have ball off at 4000 PSI.
Start in hole with junk basket.
Recover 169 balls.

GALLUP FRAC:

4:35 P.M. Start pad. 110 BPM @ 3800 PSI.

4:39 P.M. On pad. 108 BPM @ 3550 PSI.

4:40 P.M. Start 0.5 lb. sand 108 BPM @ 3500 PSI.

4:41 P.M. 0.5 lb. sand on formation 105 BPM @ 3500 PSI.

4:42 P.M. Start 1 lb. sand 105 BPM @ 3500 PSI.

4:43 P.M. 1 lb. sand on formation 110 BPM @ 3450 PSI.

4:48 P.M. On 1 lb. sand 108 BPM @ 3550 PSI.

4:59 P.M. Start 1.5 lb./gal. sand 104 BPM @ 3500 PSI.

5:00 P.M. 1.5 lb./gal. sand on formation 104 BPM @ 3500 PSI.

5:03 P.M. On 1.5 lb. sand 100 BPM @ 3500 PSI.

5:06 P.M. On 1.5 lb. sand 102 BPM @ 3350 PSI.
On 1.5 lb. sand 101 BPM @ 3400 PSI.

5:18 P.M. On 1.5 lb. sand 98 BPM @ 3500 PSI.

5:21 P.M. Cut sand - go to flush.

5:22 P.M. Flush away shut down.
ISIP = 350 PSI.
5 min. = 200 PSI.
10 min. = 200 PSI.
15 min. = 200 PSI.
Total sand 183,550 lbs.
Total fluid 4,262 bbls.
Shut in for 4 hours.
Retrieve bridge plug set at 6770'.
Mill up bridge plug set at 7436'.
Land tubing at 6795' K.B., 210 joints.