

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 develop a well in a Federal or State 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 'L' - 1730' FSL & 940' 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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RECEIVED

AUG 14 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE
Jicarilla Tribal Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Apache Contract #71

9. WELL NO.
29

10. FIELD OR WILDCAT NAME
South Lindrith-Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 10, T23N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7184' 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 Well History attached - 8/3/84 through 8/8/84.

Subsurface Safety Valve: Manu. and Type

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

SIGNED

D. A. Miller

TITLE

President

DATE

August 10, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD

AUG 16 1984

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

NMOCC

BY

Sm

7/28/84:

Day #17. Present operation: rig down

1 hour	Lay down drill collar
4 1/2 hours	Run Casing
1/2 hour	Rig up. Circulate.
1/2 hour	Cement first stage.
3 hours	Drop bomb. Open D. V. tool and circulate.
1 hour	Cement second stage.
2 hours	Nipple down, set slips, and cut off.
4 3/4 hours	Rig down. Move.
6 hours	Rig idle.

Ran 178 joints, plus a short joint, of 4½", 11.6 lb/ft, N-80 casing, set at 7448' KB. Guide Shoe at 7447'. Float collar at 7414'. Short joint from 5722-5743'. D. V. tool at 3247'. Cement baskets at 6698', 6079', 5007', 4718', 2672'. First stage: pumped 20 bbls Flo-chek 21. Cemented first stage with 1250 sks (1788 CF) 50/50 pozmix, 2% gel, 6¼ lb/sk Gilsonite, 6 lb/sk salt. Plug down at 1:15 P. M. Opened D. V. tool. Circulated upper stage 3 hours. Second stage: pumped 20 bbls Flo-chek 21. Cemented second stage with 450 sks (1048 CF) 65/35 pozmix, 2% gel, 6¼ lb/sk Gilsonite. Tailed in with 50 sks (59 CF) Class B neat. Plug down at 5:20 P. M. on 7/27/84. Circulated 10 bbls cement to surface.

Jicarilla Apache 71-29 Completion

8/3/84 Drill out D. V. Tool at 3247' KB.
Clean out casing to float collar at 7414' KB.

8/6/84

7:57 A. M. Pressure test casing to 4000 PSI.
Circulate hole with 2% KCl water.
Spot 200 gal 7½% acetic acid from
7291' up hole
TOOHW/Tubing

11:00 A. M. Start in hole with logging tools.
Run cement bond log and correlation log from
T.D. to 5650'
5300' to 4850'
3000' to 2000'

3:05 P. M. Start in hole with perforating gun.

3:26 P. M. Perforate Dakota 'D' zone at:

7262', 7264', 7266', 6268', 7270', 7272', 7274', 7281',
7283', 7285', 7291', 4 SPF, 44 holes.

3:50 P. M. Out of hole with perforating gun.
Waiting on Western.

8/6/84

5:33 P. M. Break down Dakota 'D' perforations.
Broke at 2200 PSI
Establish rate 38.5 BPM @ 3800 PSI
Shut down.
ISIP = 800 PSI

5:39 P. M. Start balls 2 balls/bbls for 33 bbls.
Increase rate to 53 BPM @ 3600 PSI
Have ball off at 4200 PSI.

5:55 P. M. Start in hole with junk basket.
Recover 65 balls.

DAKOTA 'D' FRAC

6:39 P. M. Start pad 57 BPM @ 3425 PSI

6:44 P. M. On pad 54 BPM @ 3550 PSI

6:46 P. M. Start 0.5 lb/gal sand 53.5 BPM @ 3550 PSI

6:48 P. M. 0.5 lb/gal sand
on formation 53 BPM @ 3575 PSI

6:50 P. M. Start 1.0 lb/gal sand 53 BPM @ 3600 PSI

6:52 P. M. 1.0 lb/gal sand
on formation 53 BPM @ 3550 PSI

6:56 P. M. On 1.0 lb/gal sand 52.5 BPM @ 3600 PSI

6:59 P. M. Start 1.5 lb sand 52 BPM @ 3600 PSI

7:01 P. M. 1.5 lb sand
on formation 52 BPM @ 3625 PSI

7:03 P. M. On 1.5 lb sand 52 BPM @ 3650 PSI

7:09 P. M. On 1.5 lb sand 59.5 BPM @ 3750 PSI

7:14 P. M. Out sand. Go to flush.

7:17 P. M. Flush away. Shut down.

ISIP = 1800 PSI
5 min = 1500 PSI
Total sand = 70,000 lbs.
Total fluid = 2,041 bbls.

8/6/84

7:30 P. M. Start in hole with Howco Bridge Plug.

8:02 P. M. Set plug at 7190'.

8:21 P. M. Pressure test plug to 4000 PSI.

8/7/84

12:57 A. M. Spot 300 gal 7½% Hcl from 7152' up hole.
Perforate Tocito at:

6806', 6808', 6810', 6812', 3 SPF, 12 holes.

Perforate Greenhorn at:

7036', 7040', 7043', 7045', 7049', 7052', 7056', 3 SPF,
21 holes.

1:21 A. M. Break down Tocito and Greenhorn perforations.

Broke at 1800 PSI.

Establish rate

33 BPM @ 3300 PSI

Shut down.

ISIP = 1900 PSI

Perforate Greenhorn at:

7063', 7072', 3 SPF, 6 holes.

Perforate Dakota 'A' at:

7122', 7124', 7126', 7128', 7131', 7148', 7150', 7152',
3 SPF, 24 holes.

2:12 A. M. Establish rate in Tocito, Greenhorn, Dakota 'A'
perforations 46 BPM @ 3400 PSI
Shut down. ISIP = 1400 PSI

2:17 A. M. Start balls 3 balls/bbl for 32 bbls. Total of 95 balls.
Increase rate to 47 BPM @ 3300 PSI
Have ball off at 4000 PSI.
Start in hole with junk basket.
Recover 96 balls.

TOCITO, GREENHORN, DAKOTA 'A' FRAC

3:16 A. M. Start pad 54 BPM @ 3700 PSI

3:22 A. M. Start 0.5 lb/gal sand 54 BPM @ 3775 PSI

3:24 A. M. 0.5 lb/gal sand
on formation 54 BPM @ 3800 PSI

8/7/84

3:26 A. M. Start 1.0 lb/gal sand 55.5 BPM @ 3750 PSI

3:28 A. M. 1.0 sand
on formation 56 BPM @ 3700 PSI

3:33 A. M. Start 1.5 lb/gal sand 55 BPM @ 3700 PSI

3:35 A. M. 1.5 lb/gal sand on
formation 55 BPM @ 3700 PSI

3:39 A. M. On 1.5 lb sand 53 BPM @ 3775 PSI

3:41 A. M. At 3800 PSI slow rate to 47 PBM at a pressure of 3500 PSI.

3:43 A. M. Cut sand. Go to flush.

3:46 A. M. Flush away. Shut down.

ISIP = 1900 PSI
5 min = 1775 PSI
Total sand = 50,000 lbs.
Total fluid = 1,650 bbls.

4:00 A. M. Start in hole with Baker Bridge Plug.

4:35 A. M. Set plug at 6290'.

4:51 A. M. Pressure test plug to 4000 PSI.
Spot 400 gal 7½% Hcl from 6242' up hole.

8:57 A. M. Perforate Gallup at 5756', 5778', 5780', 5798', 5800',
5932', 5939', 5941', 6006', 6022', 6028', 2 SPF, 22 holes.

9:27 A. M. Perforate Gallup at:
6052', 6071', 6073', 6075', 6095', 6097', 6099', 6103',
6105', 6111', 6117', 2 SPF, 22 holes.

10:00 A. M. Perforate Gallup at:
6119', 6121', 6123', 6125', 6127', 6129', 6132', 6134',
6137', 6176', 6191', 2 SPF, 22 holes.

10:27 A. M. Perforate Gallup at:
6195', 6197', 6201', 6209', 6230', 6232', 6234', 6236',
6238', 6240', 6242', 2 SPF, 22 holes.

Total Gallup perforations - 88.

10:45 A. M. Break down Gallup perforations.
 Broke at 1400 PSI.
 Establish rate 70 BPM @ 3300 PSI
 Shut down. ISIP = 300 PSI

10:49 A. M. Drop 132 balls. 3 balls/bbl. for 44 bbls.
Increase rate to 45 BPM @ 1300 PSI
Have ball off at 4000 PSI.

11:00 A. M. Start in hole with junk basket.

11:35 A. M. Recover 139 balls.

GALLUP FRAC

11:44 A. M. Start pad 80 BPM @ 3200 PSI

11:49 A. M. Start 0.5 lb/gal sand 80 BPM @ 3050 PSI

11:50 A. M. 0.5 lb sand on
 formation 80 BPM @ 3050 PSI

11:51 A. M. Start 1.0 lb/gal sand 84 BPM @ 3300 PSI

11:52 A. M. 1.0 lb/gal sand on
formation 84 BPM @ 3300 PSI

11:54 A. M. Start 1.5 lb sand 84 BPM @ 3300 PSI

11:55 A. M. 1.5 lb sand on
 formation 84 BPM @ 3300 PSI

12:00 P. M. On 1.5 lb sand 79 BPM @ 3600 PSI

12:04 P. M. On 1.5 lb sand 75 BPM @ 3700 PSI

12:07 P. M. Cut sand. Go to flush 76 BPM @ 3600 PSI

12:08 P. M. Flush away. Shut down.

ISIP = 400 PSI

7 min = 300 PSI

Total sand = 70,000 lbs.

Total fluid = 2,150 bbls.

1:30 P. M. Open well up. Flow Gallup formation back.

8/7/84

2:00 P. M. Start in hole with tubing and retrieving head. Retrieve Baker bridge plug set at 6290'.

Mill up bridge plug set at 7190'.

8/8/84:

Land production tubing. Seating nipple at 7209' KB. Have a 4' perforated sub and a 32' tail joint below seating nipple.