

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.)

AT SURFACE: 635' FNL & 643' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
Jicarilla Apache Tribal Contract #7

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Tribal Contract #71

9. WELL NO.
71-17Y

10. FIELD OR WILDCAT NAME
South Lindrith Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 3, T23N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7147' GL

(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 attached Well History,
6/18/84 through 6/20/84.

RECEIVED

JUN 26 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Subsurface Safety Valve: Manu. and Type

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

SIGNED D. W. Miley TITLE President

DATE June 25, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

JUL 02 1984

FARMINGTON RESOURCE AREA

MOCCA

BY

Jmm

6/18/84: Clean out casing to float collar at 7423' KB.

6/19/84

8:50 A. M. Pressure test casing to 4000 PSI.
Circulate casing with 2% Kcl water.
Spot 200 gal 7½% Hcl from 7342' up hole.
TOOHWT.
Run correlation log and CBL from
7423' to 5900'
5350' to 4950'
3300' to 2000'

3:14 P. M. Perforate Dakota 'D' zone at 7288', 7319', 7321', 7324', 7328',
7330', 7334', 7336', 7338', 7340', 4 SPF, 40 holes.

3:31 P. M. Break down Dakota 'D' perforations.
Broke at 2100 PSI.
Establish rate 40 BPM @ 3200 PSI
Shut down. ISIP = 1200 PSI

3:35 P. M. Start balls 2 balls/bbl. for 33 bbls.
Increase rate to 44 BPM @ 3200 PSI

3:43 P. M. Have ball off at 4000 PSI.
Surge balls off perforations.
Run in hole with junk basket.
Recover 60 balls.

DAKOTA 'D' FRAC

4:41 P. M. Start pad. 49 BPM @ 3600 PSI

On pad 46 BPM @ 3800 PSI

4:51 P. M. Start 0.5 lb/gal sand 46 BPM @ 3800 PSI

4:53 P. M. 0.5 lb/gal sand
on formation 45.5 BPM @ 3775 PSI

4:55 P. M. Start 1.0 lb/gal sand 45.5 BPM @ 3775 PSI

4:57 P. M. 1.0 lb/gal sand
on formation 45 BPM @ 3775 PSI

5:06 P. M. Start 1.5 lb/gal sand 44.5 BPM @ 3800 PSI

5:09 P. M. 1.5 lb/gal sand
on formation 44 BPM @ 3800 PSI

5:12 P. M. At 1335 bbls. away 3850 PSI
Go back to 1.0 lb/gal sand 39 BPM @ 3750 PSI

5:14 P. M. 1.0 lb/gal sand
 on formation 40 BPM @ 3750 PSI

5:19 P. M. On 1.0 lb sand 39 BPM @ 3900 PSI

5:30 P. M. Have a leak at the well head.

5:31 P. M. Go to flush - well head flange leaking.

5:33 P. M. Flush away. Shut down.

 ISIP = 1800 PSI

 Total sand = 66,750 lbs.
 Total fluid = 2,300 bbls.

5:40 P. M. Start in hole with Howco Bridge Plug.

6:09 P. M. Set plug at 7230' KB.

6:24 P. M. Pressure test plug to 4000 PSI.

7:55 P. M. Spot 300 gal 7½% Hcl from 7278' up hole.

11:00 P. M. Perforate Tocito at 6858', 6860', 6862', 3 SPF, 9 holes.

11:03 P. M. Perforate Greenhorn at 7077', 7080', 7085', 7088', 7090',
 7094', 7096', 7100', 3 SPF, 24 holes.

11:40 P. M. Perforate Dakota 'A' zone at 7152', 7154', 7156', 7158',
 7160', 7163', 7167', 7170', 7174', 7178', 3 SPF, 30 holes.

11:59 P. M. Break down perforations.
 Broke at 1600 PSI.
 Establish rate 49 BPM @ 3500 PSI
 Shut down. ISIP = 1500 PSI

6/20/84

12:01 A. M. Start balls. 3 balls/bbl. for 32 bbls.
 Increase rate to 49 BPM @ 3400 PSI

12:08 A. M. No ball action. Shut down.
 Check ball gun.
 Repair and reload ball gun.

12:25 A. M. Start balls. 3 balls/ bbl. for 32 bbls.
 Increase rate to 52 BPM @ 3350 PSI

12:30 A. M. Have ball off at 4000 PSI.

1:21 A. M. Start in hole with junk basket.
 Recover 96 balls.

6/20/84: DAKOTA 'A', GREENHORN, TOCITO

1:23 A. M. Start pad. 50 BPM @ 3400 PSI

1:30 A. M. Start 0.5 lb/gal sand 48.5 BPM @ 3500 PSI

1:32 A. M. 0.5 lb/gal sand
on formation 49 BPM @ 3500 PSI

1:34 A. M. Start 1.0 lb/gal sand 49 BPM @ 3500 PSI

1:36 A. M. 1.0 lb sand
on formation 49 BPM @ 3450 PSI

Have a leak at well head and ball gun at 862 bbls. treatment
away.

1:43 A. M. Go to flush. Flush away. Shut down.

ISIP = 1800 PSI

1:52 A. M. Start pad. 50 PBM @ 3575 PSI

1:55 A. M. Start 1.0 lb/gal sand 50 BPM @ 3450 PSI

1:57 A. M. 1.0 lb/gal sand
on formation 50 BPM @ 3450 PSI

1:58 A. M. Start 1.5 lb sand 50 BPM @ 3400 PSI

2:00 A. M. 1.5 lb sand
on formation 50 BPM @ 3400 PSI

2:03 A. M. On 1.5 lb sand 49 BPM @ 3500 PSI

2:07 A. M. On 1.5 lb sand 48 BPM @ 3550 PSI

2:14 A. M. Out sand. Go to flush.

2:17 A. M. Flush away. Shut down.

ISIP = 1900 PSI
5 min = 1775 PSI
10 min = 1600 PSI

Total sand = 70,000 lbs.
Total fluid = 2,478 bbls.

2:30 A. M. Start in hole with Baker Bridge Plug.

3:04 A. M. Set plug at 6360'.
 Pressure test plug to 4000 PSI.
 Spot 300 gal 7½% Hcl from 6308' up hole.

8:32 A. M. Perforate Gallup zone at 6008', 6052', 6062', 6081', 6124',
 6128', 6142', 6190', 6192', 6220', 6254', 3 SPF, 33 holes.

9:02 A. M. Perforate Gallup zone at 6258', 6266', 6268', 6291', 6293',
 6297', 6299', 6301', 6303', 6305', 6308'.

9:18 A. M. Break down Gallup perforations.
 Broke at 800 PSI.
 Establish rate 68 BPM @ 3850 PSI
 Shut down.
 ISIP = 700 PSI

9:21 A. M. Start balls. 3 balls/bbl. for 33 bbls.
 Increase rate to 55 BPM @ 2600 PSI
 Have ball off at 4000 PSI.
 Surge balls off perforations.
 Go in hole with junk basket.
 Recover 104 balls.

GALLUP FRAC

10:09 A. M. Start pad. 78 BPM @ 3750 PSI

10:14 A. M. On pad 77.5 BPM @ 3800 PSI

10:16 A. M. Start 0.5 lb/gal sand 78 BPM @ 3800 PSI

10:17 A. M. 0.5 lb/gal sand
 on formation 77 BPM @ 3800 PSI

10:19 A. M. Start 1.0 lb/gal sand 74 BPM @ 3550 PSI

10:20 A. M. 1.0 lb/gal sand
 on formation 75 BPM @ 3650 PSI

10:22 A. M. On 1.0 lb sand 75 BPM @ 3600 PSI

10:26 A. M. On 1.0 lb sand 73 BPM @ 3750 PSI 1200 bbls. away.

10:28 A. M. Start 1.5 lb/gal sand 74 BPM @ 3700 PSI

10:30 A. M. 1.5 lb sand
 on formation 74 BPM @ 3650 PSI

10:36 A. M. On 1.5 lb sand 73 BPM @ 3700 PSI 1956 bbls. away.

10:37 A. M. At 1995 bbls. away cut 1.5 lb sand
 Go to 1.0 lb/gal sand

10:39 A. M. 1.0 lb/gal sand
 on formation 70 BPM @ 3800 PSI

10:41 A. M. At 3900 PSI slow rate to 66 BPM @ 3700

10:44 A. M. Cut sand. Go to flush. 66 BPM @ 3650 PSI

10:46 A. M. Flush away. Shut down.

ISIP = 600 PSI
5 min = 400 PSI
10 min = 375 PSI

Total sand = 89,750 lbs.
Total fluid = 2,800 bbls.

Retrieve Baker Bridge plug set at 6360'.
Mill up bridge plug set at 7230'.

6/20/84: Clean out casing to float collar at 7416'. Land production tubing,
seating nipple at 7233' KB. 229 Jts. with A 4' perforated sub and
32' tail jt. of tubing below seating nipple.