

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 'P' - 459' FSL & 648' FEL

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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5. LEASE

Tribal Contract #361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #361

9. WELL NO.

600-477

10. FIELD OR WILDCAT NAME

South Lindrith, Gallup Dakota

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

Section 4, T23N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7199' 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 - 6/8/84 through 6/13/84

RECEIVED
JUL 03 1984
OIL CON. DIV.
DIST. 3

RECEIVED

JUN 27 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. Neely

TITLE

President

DATE

June 18, 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

MOCC

FARMINGTON RESOURCE AREA

RV

SM

6/8/84: Clean out casing to float collar at 7444' KB.

6/11/84: Pressure test casing to 4000 PSI.
Circulate casing with 2% Kcl water.
Spot 200 gal. 7½% acetic acid from 7331' up hole.
Run correlation log and cement bond log from Loggers TD:
7445' to 5700'
5400' to 4950'
3200' to 2000'

3:41 P. M. Perforate Dakota 'D' zone at 7274', 7300', 7306', 7308', 7310',
7314', 7318', 7321', 7323', 7325', 7331', 4 SPF, 44 holes.

Break down Dakota 'D' perforations.
Broke at 2400 PSI.
Establish rate 42½ BPM @ 3700 PSI
Shut down ISIP = 1400 PSI
Start balls 2 balls/bbl for 33 bbls.
Increase rate to 38 BPM @ 2900 PSI
No ball off.
Reload ball gun.
Start balls 2 balls/bbl for 33 bbls.
Have ball off at 4000 PSI.

5:26 P. M. Surge ball off perforation.
Go in hole with junk basket.
Recover 114 balls.

DAKOTA 'D' FRAC:

6:14 P. M. Start pad. 48 BPM @ 3800 PSI

6:21 P. M. Start 0.5 lb sand 46 BPM @ 3800 PSI

6:24 P. M. 0.5 lb sand
on formation 47 BPM @ 3850 PSI

6:26 P. M. Start 1.0 lb sand 47 BPM @ 3800 PSI

6:28 P. M. 1.0 lb sand
on formation 47 BPM @ 3750 PSI

Slow rate to 40 BPM @ 3900 PSI
Cut sand 1046 bbls. @ 3900 PSI
Go to flush.

6:36 P. M. Shut down. 12 BPM @ 3900 PSI

Flow well back until slug of sand combs back.

6:52 P. M. Start pad. 38 BPM @ 3800 PSI

Total perforation = 42

1:50 A. M. Break down perforations.
Broke at 2000 PSI.

2:04 A. M. Establish rate 23 BPM @ 3900 PSI
Shut down. ISIP = 1900 PSI

2:16 A. M. Start balls. 2 balls/bbl. for 33 bbls.
Increase rate to 32 BPM @ 3200 PSI

2:24 A. M. Have ball off at 4000 PSI.
Surge galls off perforations.
Go in hole with junk basket.
Recover 65 balls.

TOCITO-GREENHORN-DAKOTA 'A' FRAC:

3:20 A. M. Start pad. 38 BPM @ 3800 PSI

3:25 A. M. On pad 41 BPM @ 3800 PSI

3:27 A. M. On pad 42 BPM @ 3800 PSI

3:29 A. M. Start 0.5 lb sand 42 BPM @ 3750 PSI

3:31 A. M. 0.5 lb sand
on formation 43½ BPM @ 3700 PSI

3:33 A. M. Start 1.0 lb sand 43½ BPM @ 3700 PSI

3:35 A. M. 1.0 lb sand
on formation 44 BPM @ 3600 PSI

3:43 A. M. Start 1.5 lb/gal sand 44 BPM @ 3650 PSI

3:45 A. M. 1.5 lb/gal sand
on formation 43 BPM @ 3700 PSI

On 1.5 lb sand 42 BPM @ 3800 PSI

Go to 1.0 lb/gal sand
at 1188' 38 BPM @ 3800 PSI

3:51 A. M. At 3800 PSI
Slow rate to 34 BPM @ 3800 PSI

3:52 A. M. On 1.0 lb sand 30 BPM @ 3750 PSI

Slow rate to 23 BPM @ 3900 PSI
Out sand 23 BPM @ 3900 PSI

3:55 A. M. Start flush at 1382 bbl. away.

3:57 A. M. On flush 14 BPM @ 3700 PSI

4:02 A. M. Flush away. Shut down.

ISIP = 1900 PSI
5 min = 1800 PSI
10 min = 1750 PSI

Total sand = 43,000 lbs.

Total fluid = 1,450 bbls.

4:58 A. M. Set Baker Bridge Plug at 6370' KB.

5:16 A. M. Pressure test plug to 4000 PSI.

Spot 500 gal. 7½% Hcl from 6308' up hole.

9:09 A. M. Perforate Gallup at 5770', 5780', 5828', 5848', 5855', 5880',
5893', 5913', 5924', 5948', 5957', 2 SPF, 22 holes.

9:33 A. M. Perforate Gallup at 5969', 5978', 5984', 6033', 6039', 6041',
6092', 6096', 6102', 6108', 6124', 2 SPF, 22 holes.

10:02 A. M. Perforate Gallup at 6166', 6171', 6176', 6186', 6240', 6247',
6249', 6260', 6262', 6266', 6268', 2 SPF, 22 Holes.

10:40 A. M. Perforate Gallup at 6274', 6291', 6293', 6296', 6298', 6300',
6302', 6304', 6306', 6308', 2 SPF, 20 Holes.

Total Gallup perforations = 86

10:54 A. M. Break down Gallup perforations.
Broke @ 1200 PSI.
Establish rate 64 BPM @ 3200 PSI
Shut down. ISIP = 300 PSI

10:56 A. M. Start balls. 3 balls/bbl. for 42 bbls.
Increase rate to 40 BPM @ 1400 PSI

11:03 A. M. Have ball off at 4000 PSI.
Surge balls off perforation.
Go in hole with junk basket.
Recover 200 balls.
Have 15 ball on plug.

GALLUP FRAC:

11:53 A. M. Start pad. 78 BPM @ 3000 PSI

12:00 P. M. Start 0.5 lb/gal sand 77 BPM @ 3100 PSI

12:02 P. M. 0.5 lb/gal sand
on formation 77 BPM @ 3100 PSI

12:03 P. M. Start 1.0 lb sand 77 BPM @ 3100 PSI
12:04 P. M. 1.0 lb sand
 on formation 76½ BPM @ 3150 PSI
12:11 P. M. On 1.0 lb sand 76 BPM @ 3050 PSI
12:18 P. M. Start 1.5 lb sand 76 BPM @ 3050 PSI
12:20 P. M. 1.5 lb sand
 on formation 76 BPM @ 3050 PSI
12:24 P. M. On 1.5 lb sand 76 BPM @ 3150 PSI
 At 2470 bbls. away go back to 1.0 lb sand
12:26 P. M. On 1.0 lb sand 60 BPM @ 3500 PSI
12:30 P. M. On 1.0 lb sand 63 BPM @ 3600 PSI
12:37 P. M. On 1.0 lb sand 62 BPM @ 3650 PSI
12:38 P. M. On 1.0 lb sand 59 BPM @ 3800 PSI
12:41 P. M. At 3900 PSI
 Slow rate to 53 BPM @ 3600 PSI
12:43 P. M. Cut sand. Start flush at 3632 bbls.
12:45 P. M. Flush away. Shut down.

ISIP = 500 PSI
5 min = 450 PSI
10 min = 400 PSI

Total sand = 128,200 lbs. 20/40

Total fluid = 3,900 bbls.

Retrieve Baker Bridge Plug set at 6370'.

6/13/84: Mill up Bridge plug at 7220'.
 Clean out casing to 7444' KB.
 Land production tubing with seating nipple at (228 Jts.) 7257' KB.
 Have a 4' perforated sub and 32' tail joint of 2 3/8" tubing
 below seating nipple, @ 7257'