

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" 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 and in accordance with any State requirements.*
See also space 17 below.)

At surface

Unit 'P', 989' FSL & 592' FEL

RECEIVED

NOV 20 1986

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7388' GR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract #47

6. IF INDIAN ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Cont. #47

9. WELL NO.

47-27

10. FIELD AND POOL, OR WILDCAT

South Lindrith Gallup Dakota

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

Section 11, T23N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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, 11/6/86 through 11/12/86.

RECEIVED
NOV 21 1986
OIL CON. DIV.
DIST. 3

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

SIGNED

TITLE President

DATE 11/19/86

(This space for Federal or State office use)

APPROVED BY

TITLE

ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY:

NOV 20 1986

*See Instructions on Reverse Side

NMOCO

FARMINGTON RESOURCE AREA

Jicarilla 47-27 Completion Report

11/6/86: Move in. Rig up Spartan Well Service.
Pick up 2 3/8" tubing. Tag cement 90' above D. V. tool. Drill cement and D. V. tool @ 3195' KB.

11/7/86: Tag cement 100' above float collar. Drill out cement to float collar at 7509' KB, 233 joints with a 30' stickup. Circulate casing clean. Pull 2 stands of tubing. Shut down for day.

11/8/86:
7:40 a.m. Pressure test casing to 4000 PSI.
Circulate casing clean with 105 bbls of treatment water.
Spot 250 gal 7 1/2% acetic acid from 7446' up hole.

9:00 a.m. Trip out of hole with tubing.
Go in hole with logging tools.
Loggers T. D.: 7509' KB.
Run cement bond log and correlation log from
T. D. to 5800'
5400-5150'
3250-3000'.

12:48 p.m. Perforate Dakota 'D' zone at 7428', 7430', 7432', 7434', 7436', 7438', 7440', 7442', 7444', 7446', 4 SPF, 40 holes.

1:36 p.m. Break down Dakota 'D' perforations.
Broke at 3400 PSI.
Establish rate: 42 BPM @ 3100 PSI
Shut down.
ISIP = 1200 PSI

1:42 p.m. Start balls, 2 balls/bbl for 30 bbls. Total of 60 balls.
Increase rate to 40 BPM @ 2890 PSI
Have ball off at 4000 PSI.

Jicarilla 47-27 Completion Report

1:42 p.m. Total fluid for break down and ball off: 183 bbls.
(cont.)

Surge balls off perforations.

Go in hole with junk basket. Recover 55 balls.

2:40 p.m. Start pad. 56 BPM @ 3600 PSI

2:48 p.m. Start 1/2 lb/gal sand 54 BPM @ 3580 PSI

2:50 p.m. Start 1/2 ppg sand on formation 54 BPM @ 3560 PSI

2:51 p.m. Start 1 ppg sand 53 BPM @ 3580 PSI

2:53 p.m. 1 ppg sand on formation 54 BPM @ 3540 PSI

3:00 p.m. On 1 ppg sand 53 BPM @ 3720 PSI

3:03 p.m. Start 1 1/2 ppg sand 53 BPM @ 3730 PSI

3:05 p.m. 1 1/2 ppg sand on formation 53 BPM @ 3720 PSI

3:10 p.m. On 1 1/2 ppg sand 53 BPM @ 3600 PSI

3:13 p.m. On 1 1/2 ppg sand 52 BPM @ 3670 PSI

70,000 lbs of sand away.

3:15 p.m. On 1 1/2 ppg sand 52 BPM @ 3760 PSI

3:16 p.m. Pressure @ 3950 PSI. Go back to 1 ppg sand

3:17 p.m. With pressure at 3950 PSI, rate 48 BPM, cut sand. Go to flush.

3:19 p.m. On flush 44 BPM @ 3850 PSI

3:21 p.m. Flush away. Shut down.

ISIP = 2200 PSI

5 min = 1950 PSI

10 min = 1875 PSI

15 min = 1820 PSI

Total sand = 75,600 lbs

Total fluid = 2,066 bbls

Go in hole with Howco speede-line bridge plug.

4:05 p.m. Set plug at 7340' KB.

Jicarilla 47-27 Completion Report

4:19 p.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing.

Spot 300 gal 7 1/2% Hcl from 7283' up hole.

8:12 p.m. Perforate Tocito @ 6971', 6973', 4 SPF, 8 holes.

8:13 p.m. Perforate Greenhorn @ 7195', 7197', 7202', 7207', 7209', 7211', 4 SPF,
24 holes.

8:15 p.m. Perforate Dakota 'A' @ 7269', 7271', 7273', 4 SPF, 12 holes.

8:47 p.m. Perforate Dakota 'A' @ 7275', 7277', 7279', 7281', 7283', 4 SPF, 20 holes.

9:12 p.m. Break down perforations.

Broke at 1650 PSI.

Establish rate

61 BPM @ 3500 PSI

Shut down. ISIP = 1300 PSI.

9:23 p.m. Start balls. 3 balls/bbl for 32 bbls.

Total: 96 balls.

Increase rate to

44 BPM @ 2560 PSI

Good ball action @ 114 bbls away.

Have ball off at 4000 PSI.

Surge balls off perforations.

Go in hole with junk basket.

Recover 95 balls.

DAKOTA 'A', GREENHORN, TOCITO FRAC

10:50 p.m. Start pad. 61 BPM @ 3230 PSI

11:00 p.m. On pad. 29 BPM @ 3240 PSI

11:03 p.m. Start 1/2 ppg sand 50 BPM @ 3320 PSI

11:06 p.m. 1/2 ppg sand on formation 38 BPM @ 3570 PSI

11:10 p.m. Start 1 ppg sand 49 BPM @ 3520 PSI

11:13 p.m. 1 ppg sand on formation 49 BPM @ 3420 PSI

Jicarilla 47-27 Completion Report

11:17 p.m. On 1 ppg sand 45 BPM @ 3170 PSI
11:21 p.m. Start 1 1/2 ppg sand 50 BPM @ 3720 PSI
11:23 p.m. 1 1/2 ppg sand on formation 50 BPM @ 3650 PSI
11:28 p.m. On 1 1/2 ppg sand 50 BPM @ 3510 PSI
11:41 p.m. Cut sand. Go to flush 50 BPM @ 3640 PSI
11:43 p.m. Flush away. Shut down.

ISIP = 2100 PSI

5 min = 1800 PSI

10 min = 1700 PSI

Total sand = 80,000 lbs

Total fluid = 2,307 bbls

11/9/86: Go in hole with Baker bridge plug.

12:42 a.m. Set plug at 6550'.

1:02 a.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing. Spot 500 gal 7 1/2% Hcl from 6493' up hole.

5:40 a.m. Perforate Gallup @ 5951', 5953', 5969', 5971', 5974', 5977', 6128', 6192',
6196', 6198', 6202', 3 SPF, 33 holes.

6:06 a.m. Perforate Gallup @ 6222', 6224', 6238', 6251', 6254', 6262', 6266', 6274',
6278', 6305', 6307', 3 SPF, 33 holes.

6:34 a.m. Perforate Gallup @ 6310', 6312', 6415', 6417', 6419', 6421', 6423', 6425',
6427', 6491', 6493', 3 SPF, 33 holes.

7:00 a.m. Break down Gallup perforations.

Broke @ 900 PSI.

Establish rate 76 BPM @ 3500 PSI

Shut down. ISIP = 800 PSI.

Start balls. 4 balls/bbl for 37 bbls. Total of 148 balls.

Increase rate to 40 BPM @ 1530 PSI.

Jicarilla 47-27 Completion Report

No ball off, but had good ball action and good breaks up to 3850 PSI.

7:15 a.m. All balls away. Shut down.

Surge balls off perforations.

Go in hole with junk basket. Recover 150 balls.

GALLUP FRAC

8:03 a.m.	Start pad.	90 BPM @ 3440 PSI
8:11 a.m.	Start 1/2 ppg sand	90 BPM @ 3380 PSI
8:12 a.m.	1/2 ppg sand on formation	89 BPM @ 3260 PSI
8:13 a.m.	Start 1 ppg sand	88 BPM @ 3240 PSI
8:14 a.m.	1 ppg sand on formation	91 BPM @ 3160 PSI
8:19 a.m.	On 1 ppg sand	90 BPM @ 3230 PSI
8:26 a.m.	Start 1 1/2 ppg sand	89 BPM @ 3620 PSI
8:28 a.m.	1 1/2 ppg sand on formation	87 BPM @ 3700 PSI
8:29 a.m.	At 3950 PSI, slow rate to 80 BPM	
8:32 a.m.	On 1 1/2 ppg sand	78 BPM @ 3670 PSI
8:38 a.m.	on 1 1/2 ppg sand	75 BPM @ 3340 PSI
8:42 a.m.	Cut sand. Go to flush	76 BPM @ 3380 PSI
8:43 a.m.	Flush away. Shut down.	

ISIP = 500 PSI

5 min = 400 PSI

10 min = 400 PSI

15 min = 375 PSI

Total sand = 125,000 lbs

Total fluid = 3,196 bbls

11:00 a.m. 200 PSI on casing.

Open well up. Flow Gallup formation back.

12:00 p.m. Go in hole with tubing and retrieving head. Retrieve Baker bridge plug.

Jicarilla 47-27 Completion Report

Well flowing.

Go in hole with tubing and mill.

Mill up Howco bridge plug set at 7340' KB.

Clean out casing to float collar @ 7509' KB.

11/12/86:

Land 227 joints of tubing with seating nipple at 7349.95' KB, with a 4' perforated sub and a 22' tail joint below. End of tubing at 7376.29' KB.