

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 ☐ other ☐
well well

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: Unit 'G' - 1980' FNL & 1980' FEL

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:

☐
☐
☐
☐
☐
☐
☐
☐

NOTE: Report results of multiple completion or zone change on Form 9-330.)
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

JUL 31 1984

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 -
7/20/84 through 7/25/84.

AUG 03 1984

OIL CON. DIV
DIST. 3

Subsurface Safety Valve: Manu. and Type

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

SIGNED J. W. Miller TITLE President DATE July 30, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED

AUG 03 1984

*See Instructions on Reverse Side

NMOC

FARMINGTON RESOURCE AREA
RY Smm

5. LEASE

Tribal Contract #70

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #70

9. WELL NO.

17

10. FIELD OR WILDCAT NAME

South Lindrith Gallup Dakota

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

Section 34, T24N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

7019' GL

7/23/84

9:27 P. M.	Start pad On pad	51 BPM @ 3450 PSI 49 BPM @ 3550 PSI
9:37 P. M.	Start .05 lb sand	50 BPM @ 3575 PSI
9:39 P. M.	.05 lb sand on formation	49 BPM @ 3575 PSI
9:41 P. M.	Start 1.0 lb sand	50 BPM @ 3500 PSI
9:43 P. M.	1.0 lb sand on formation	51 BPM @ 3450 PSI
9:44 P. M.	On 1.0 lb sand	50 BPM @ 3350 PSI

7/23/84

9:50 P. M.	On 1.0 lb sand	50 BPM @ 3325 PSI
9:53 P. M.	Start 1.5 lb/gal sand	50 BPM @ 3300 PSI
9:56 P. M.	1.5 lb/gal sand on formation	50 BPM @ 3325 PSI
9:59 P. M.	On 1.5 lb sand	49.5 BPM @ 3400 PSI
10:03 P. M.	On 1.5 lb sand	49 BPM @ 3425 PSI
10:05 P. M.	On 1.5 lb sand	48 BPM @ 3700 PSI
10:06 P. M.	At 1840 bbls away go to 1.0 lb/gal sand.	
10:08 P. M.	1.0 lb/gal sand on formation	40 BPM @ 3800 PSI
10:12 P. M.	On 1.0 lb/gal sand	40 BPM @ 3600 PSI
10:16 P. M.	Cut sand. Go to flush	41 BPM @ 3525 PSI
10:19 P. M.	Flush away. Shut down. ISIP = 1700 PSI 5 min. = 1600 PSI Total sand = 82,100 lbs. Total fluid = 2,617 bbls.	

7/24/84

12:43 A. M.	Start in hole with Howco Bridge Plug. Set plug at 7180'.
1:02 A. M.	Pressure test plug to 4000 PSI. TIHW/Tubing Spot 300 gal 7½% Hcl from 7132' up hole.
5:56 A. M.	Perforate Tocito at: 6784', 6786', 6788', 6790', 3 SPF, 12 holes.
5:59 A. M.	Perforate Greenhorn at: 6986', 6990', 6994', 7001', 7006', 7010', 7018', 7021', 7024', 7029', 7034', 3 SPF, 33 holes.
6:58 A. M.	Perforate Dakota 'A' at: 7082', 7084', 7086', 7088', 7090', 7092', 7094', 7096', 7098', 7100', 7104', 7106', 7108', 7112', 7130', 7132', 3 SPF, 48 holes.

7/24/84 Break down Dakota 'A', Greenhorn, Tocito perforations

7:19 A. M. Broke at 2600 PSI. 54 BPM @ 3600 PSI
Establish rate
Shut down.
ISIP = 1500 PSI

7:20 A. M. Start balls 4 balls/bbl for 35 bbls.
Total 140 balls. 55 BPM @ 3500 PSI
Increase rate to

7:28 A. M. Have ball off at 4000 PSI
Surge balls off perforations (used 137 bbls. for ball off).

7:42 A. M. Start in hole with junk basket.
Recover 141 balls.

DAKOTA 'A', GREENHORN, TOCITO FRAC

8:23 A. M. Start pad 58 BPM @ 3800 PSI
On pad 57 BPM @ 3900 PSI

8:31 A. M. Start .05 lb/gal sand 57.5 BPM @ 3800 PSI

8:33 A. M. .05 lb/gal sand
on formation 57.5 BPM @ 3800 PSI

8:35 A. M. Start 1.0 lb/gal sand 57.5 BPM @ 3800 PSI

8:36 A. M. 1.0 lb sand
on formation 58 BPM @ 3750 PSI

8:40 A. M. On 1.0 lb sand 58 BPM @ 3750 PSI

8:41 A. M. Have line burst. Slow rate to 42 BPM @ 3000 PSI
Isolate line with leak. Continue pumping.

8:44 A. M. On 1.0 lb/gal sand 42 BPM @ 3000 PSI

8:47 A. M. Start 1.5 lb sand 41.5 BPM @ 3025 PSI

8:50 A. M. 1.5 lb sand
on formation 41 BPM @ 2975 PSI

8:58 A. M. Line repaired. Bring rate up to 52 BPM @ 3600 PSI

9:06 A. M. On 1.5 lb sand 51.5 BPM @ 3600 PSI

9:09 A. M. Cut sand. Go to flush.

9:11 A. M. Flush away. Shut down.
ISIP = 1900 PSI
5 min. = 1700 PSI
Total sand = 85,000 lbs.
Total fluid = 2,290 bbls.

7/24/84

9:32 A. M. Start in hole with Baker Bridge Plug.

10:06 A. M. Set plug at 6299' KB.

10:28 A. M. Pressure test plug to 4000 PSI.
Spot 400 gal 7½% Hcl from 6240 up hole.

2:00 P. M. Perforate Gallup at:
5786', 5792', 5837', 6009', 6038', 6041', 6046', 6056',
6069', 6072', 6076', 2 SPF, 22 holes.

2:23 P. M. Perforate Gallup at:
6079', 6089', 6092', 6102', 6108', 6119', 6121', 6131',
6133', 6151', 6155', 2 SPF, 22 holes.

2:47 P. M. Perforate Gallup at:
6160', 6168', 6179', 6185', 6191', 6198', 6200', 6202',
6204', 6209', 6214', 2 SPF, 22 holes.

3:12 P. M. Perforate Gallup at:
6218', 6220', 6222', 6224', 6226', 6228', 6230', 6232',
6234', 6238', 6240', 2 SPF, 22 holes.

3:30 P. M. Break down Gallup perforations.
Broke at 1200 PSI.
Establish rate 65 BPM @ 3700 PSI
Shut down.
ISIP = 600 PSI

3:35 P. M. Start balls 3 balls/bbl for 44 bbls.
Total of 132 balls.
Increase rate to 48 BPM @ 2500 PSI
Have ball off.
Surge balls off perforation.

3:45 P. M. Start in hole with junk basket.
Recover 142 balls.

GALLUP FRAC

4:30 P. M. Start pad 90 BPM @ 3800 PSI

4:37 P. M. Start .05 lb/gal sand 88 BPM @ 3800 PSI

4:38 P. M. .05 lb sand
on formation 87 BPM @ 3700 PSI

4:39 P. M. Start 1.0 lb/gal sand 87 BPM @ 3500 PSI

7/24/84

4:40 P. M.	1.0 lb/gal sand on formation	87 BPM @ 3550 PSI
4:45 P. M.	On 1.0 lb sand	86 BPM @ 3500 PSI
4:49 P. M.	On 1.0 lb sand	82 BPM @ 3800 PSI
4:50 P. M.	On 1.0 lb sand	82 BPM @ 3850 PSI
4:58 P. M.	On 1.0 lb sand	82 BPM @ 3900 PSI
	At 3900 PSI slow rate to	78 BPM @ 3800 PSI
5:08 P. M.	On 1.0 lb/gal sand	72 BPM @ 3800 PSI
5:10 P. M.	At 3900 PSI slow rate to	58 BPM @ 3500 PSI
	Cut sand due to high pressure.	
5:11 P. M.	Go to flush.	47 BPM @ 3700 PSI
5:14 P. M.	Flush away. Shut down. ISIP = 600 PSI 5 min. = 525 PSI 10 min. = 525 PSI Total sand = 104,900 lbs. Total fluid = 3,511 bbls.	
7:40 P. M.	Open well up - flow Gallup formation back.	
8:15 P. M.	Start in hole with retrieving head.	

7/25/84

2:00 A. M.	Retrieve Baker Bridge Plug set at 6299' KB.
4:00 A. M.	Mill up bridge plug set at 7180' KB. Land production tubing seating nipple at 7181' KB, have a 4' perforated sub and a 32' tail joint below seating nipple.