

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.)
AT SURFACE: Unit 'A' - 335' FNL & 620' 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:	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
Tribal Contract #71
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.
711-25
10. FIELD OR WILDCAT NAME
South Lindrith - Gallup Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 9, T23N, R4W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7192' 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 Well History attached
7/10/84 through 7/18/84

RECEIVED
JUL 30 1984
OIL CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED D. W. Nicks TITLE President DATE July 23, 1984

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
JUL 27 1984

*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA
BY Sm

7/10/84:

Day #17. Present operation: rigging down. Depth today: 7450'.

3/4 hours	Log with Schlumberger
2 1/4 hours	Trip in
9 1/2 hours	Lay down drill pipe. Run casing.
5 hours	Circulate
2 hours	Cement 2 stages
4 1/2 hours	Set slips, cut off and rig down.

Plug down at 1:30 P. M.

Ran 177 joints plus a short joint of 4½" 11.6 lb/ft N-80 casing set at 7450' KB. Guide shoe at 7449'. Float collar at 7405'. Short joint from 5723-5743'. D. V. tool at 3188'. Cement baskets at 6983', 6695', 5945', 5784', 4925', 2183'. 1st stage: pumped 20 bbls Flo-chek 21. Cemented 1st stage with 1200 sks (1716 CF) 50/50 pozmix, 2% gel, 6¼ lb/sk Gilsonite, 6 lb/sk salt. Plug down at 9:22 P. M. Opened D. V. tool. Circulated upper stage 3 hrs. 2nd stage: pumped 20 bbls Flo-chek 21. Cemented 2nd stage with 430 sks (1000 CF) 65/35 pozmix, 2% gel, 6¼ lb/sk Gilsonite. Tailed in with 50 sks (59 CF) Class B neat. Plug down @ 1:46 A. M. 7/10/84. Circulated 6 bbls to surface.

71-25 COMPLETION REPORT

7/13/84: Clean out casing to 7417' KB (Drilling Rig).

7/16/84

8:17 A. M. Pressure test casing to 4000 PSI.
Circulate casing with 2% Kcl water.
Spot 200 gal 7½% acetic acid from 7307' uphole.
TOOHW/Tubing
Run correlation and CBL log over the intervals.
Loggers TD = 7404'.
TD -5650'
5300'-4850'
3200'-2000'

2:23 P. M. Perforate Dakota 'D' zone at:
7258', 7260', 7264', 7266', 7280', 7285', 7287', 7289', 7303',
7305', 7307', 4 SPF, 44 holes.

7/16/84

2:38 P. M. Break down Dakota 'D' zone.
Broke at 2300 PSI.
Establish rate 35 BPM @ 3800 PSI
Shut down.
ISIP = 900 PSI.
Drop balls. 2 balls/bbls for 33 bbls.
Increase rate to 26 BPM @ 2200 PSI
Have ball off at 4000 PSI.
Surge balls off perforations.

3:10 P. M. Go in hole with junk basket.
Recover 66 balls.

DAKOTA 'D' FRAC

4:04 P. M. Start pad 52 BPM @ 3650 PSI

4:09 P. M. At 204 bbls. away pressure at 3800'.
Slow rate to 40 bbl/min.

4:12 P. M. Start 0.5 lb/gal sand 46 BPM @ 3550 PSI
0.5 lb/gal sand
on formation 47 BPM @ 3550 PSI

4:16 P. M. Start 1.0 lb/gal sand 47 BPM @ 3500 PSI
1.0 lb/gal sand
on formation 47 BPM @ 3400 PSI
On 1.0 lb/gal sand 47 BPM @ 3800 PSI
On 1.0 lb/gal sand 47 BPM @ 3775 PSI

4:39 P. M. Start 1.5 lb/gal sand 47 BPM @ 3700 PSI
1.5 lb/ gal sand
on formation 57 BPM @ 3700 PSI

Cut sand. Go to flush.

4:46 P. M. Flush away. Shut down.
ISIP = 1650 PSI
5 min. = 1500 PSI
Total sand = 62,000 lbs.
Total fluid = 2,100 bbls.

5:00 P. M. Start in hole with Howco Bridge Plug.
Collar locator won't work. Come out of hole with plug.

7:43 P. M. Set plug at 7207' KB.

3:30 A. M.	Start pad	50 BPM @ 3300 PSI
3:36 A. M.	Start 0.5 lb/gal sand	50 BPM @ 3400 PSI
3:38 A. M.	0.5 lb/gal sand on formation	49 BPM @ 3400 PSI
3:40 A. M.	Start 1.0 lb/gal sand	49 BPM @ 3400 PSI
3:42 A. M.	1.0 lb. sand on formation	49 BPM @ 3200 PSI
3:48 A. M.	Start 1.5 lb/gal sand	47 BPM @ 3500 PSI
3:51 A. M.	1.5 lb. sand on formation	47 BPM @ 3500 PSI
3:55 A. M.	On 1.5 lb/gal sand	46 BPM @ 3450 PSI

7/17/84

4:00 A. M. Cut sand. Go to Flush.

4:02 A. M. Flush away. Shut down.
ISIP = 1950 PSI
5 min. = 1800 PSI
Total sand = 50,000 lbs.
Total fluid = 1,650 bbls.

4:13 A. M. Start in hole with bridge plug.

5:00 A. M. Set Baker Bridge Plug at 6340'.

5:15 A. M. Pressure test plug to 4000 PSI.
TIHW/Tubing.
Spot 500 gal 7½% Hcl from 6291' up hole.

9:25 A. M. Perforate Gallup at:
5742', 5750', 5811', 5814', 5832', 5836', 5855', 5866', 5871',
5874', 5890', 2 SPF, 22 holes.

9:56 A. M. Perforate Gallup at:
5900', 5903', 5910', 5914', 5916', 5942', 6070', 6080', 6084',
6088', 6094', 2 SPF, 22 holes.

10:24 A. M. Perforate Gallup at:
6108', 6114', 6120', 6123', 6126', 6163', 6166', 6226', 6230',
6235', 6239', 2 SPF, 22 holes.

11:00 A. M. Perforate Gallup at:
6244', 6246', 6270', 6272', 6274', 6278', 6280', 6282', 6284',
6286', 6291', 2 SPF, 22 holes.

11:29 A. M. Break down Gallup perforations.
Broke at 1200 PSI.
Establish rate 75 BPM @ 3100 PSI
Shut down.
ISIP = 300 PSI.

11:31 A. M. Start balls. 3 balls/bbl for 44 bbls (total of 132 balls).
Increase rate to 44 BPM @ 2400 PSI
Have ball off at 4000 PSI.
Go in hole with junk basket.
Recover 126 balls.

GALLUP FRAC

12:30 P. M. Start pad 90 BPM @ 3300 PSI
On pad 88 BPM @ 3200 PSI

7/17/84

12:35 P. M.	Start 0.5 lb/gal sand	88.5 BPM @ 3250 PSI
12:36 P. M.	0.5 lb/gal sand on formation	88.5 BPM @ 3250 PSI
12:37 P. M.	Start 1.0 lb/gal sand	88 BPM @ 3250 PSI
12:38 P. M.	1.0 lb. sand on formation	88 BPM @ 3200 PSI
12:47 P. M.	Start 1.5 lb/gal sand	84 BPM @ 3400 PSI
12:48 P. M.	1.5 lb. sand on formation	83 BPM @ 3500 PSI
12:51 P. M.	On 1.5 lb. sand	83 BPM @ 3550 PSI
12:57 P. M.	On 1.5 lb. sand	82 BPM @ 3550 PSI
1:00 P. M.	Cut sand. Go to flush.	
1:02 P. M.	Flush Away. Shut down. ISIP = 400 PSI 5 min. = 400 PSI 10 min. = 375 PSI Total sand = 100,000 lbs. Total fluid = 2,977 bbls.	
3:15 P. M.	Open well up. Start in hole with tubing and retrieving head to release bridge plug at 6340'.	

7/18/84:

Mill up bridge plug at 7207' KB.
Clean out casing to 7417' KB.
Land production tubing with seating nipple at 7196' KB (223 JTS).
Have a 4' perforated sub and a 32' tail Jt. below seating nipple.