

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 'I' - 900' FEL & 2030' FSL
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:		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 Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Tribal Contract #71

9. WELL NO.
714-22

10. FIELD OR WILDCAT NAME
South Lindrith, Gallup, Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 10, T23N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7427' 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 - 5/29/84 through 5/31/84.

RECEIVED
JUN 13 1984OIL CON. DIV.
DIST. 3

RECEIVED

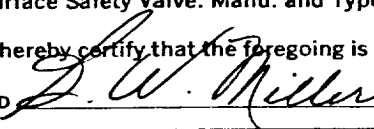
JUN 08 1984

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



TITLE

President

DATE

June 7, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUN 12 1984

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY

SMM

NMOCC

Ran 187 joints plus a short joint of $4\frac{1}{2}$ ", 11.6 lb/ft, N-80 casing set @ 7670' KB. Guide Shoe @ 7669'. Float Collar @ 7628'. Short joint from 5894'-5913'. D. V. tool @ 3188'. Cement baskets @ 6890', 5276', 4907', 4581', 2493'. 1st stage pumped 20 bbls. Flo-chek 21. Cemented first stage with 1200 sxs. (1716 CF) 50/50 pozmix, 2% gel, $6\frac{1}{4}$ lb/sk Gilsonite, 6 lb/sk salt. Plug down @ 1:44 P.M. Opened D. V. tool. Circulated upper stage 3 hours. 2nd stage; pumped 20 bbls. Flo-chek 21. Cemented 2nd stage with 400 sxs. (932 CF) 65/35 pozmix, 12% gel, $6\frac{1}{4}$ lb/sk Gilsonite. Tailed in with 50 sxs. (59 CF) Class B neat. Plug down @ 5:30 P.M. on 5/20/84. Circulated bbls. cement to surface.

5/29/84: 71-22 Completion Report

10:05 A. M. Pressure test casing to 4000 PSI. Circulate casing with 108 bbls 2% Kcl water. Spot 200 gal. 7½% acetic acid from 7550' up hole.
Trip out of hole with tubing.

Run cement bond long and correlation log from
T. D. to 5850'
5500' to 5100'
3200' to 2000'

4:07 P. M. Perforate Dakota 'D' zone at 7519', 7525', 7527', 7529', 7531', 7533', 7537', 7539', 7542', 7548', 7550',
4 SPF, 44 holes.

Break down Dakota 'D' performance.

4:47 P. M. Broke at 2400 PSI.
Establish rate 43 BPM @ 3050 PSI
Shut down. ISIP = 700 PSI.

4:49 P. M. Start balls. 2 balls/bbl for 33 bbls.
Increase rate to 55 BPM @ 3100 PSI.
Have ball off at 4000 PSI.
Surge balls off. Used 167 bbls for ball off.
Start in hole with junk basket.
Recover 65 balls.

Dakota 'D' Frac:

5:39 P. M.	Start pad.	52 BPM @ 3350 PSI
5:47 P. M.	Start 0.5 lb sand	51 BPM @ 3600 PSI
5:49 P. M.	0.5 lb sand on formation	49 BPM @ 3700 PSI
5:51 P. M.	Start 1.0 lb sand	49 BPM @ 3600 PSI
5:53 P. M.	1.0 lb sand on formation	49 BPM @ 3600 PSI

5/29/84:

6:01 P. M. Start 1½ lb. sand 48½ BPM @ 3650 PSI
6:03 P. M. 1½ lb. sand on formation 48 BPM @ 3650 PSI
6:06 P. M. On 1½ lb. sand 48 BPM @ 3800 PSI
6:17 P. M. On 1½ lb. sand 47 BPM @ 3800 PSI
6:19 P. M. At 3900 PSI Slow rate to 45 BPM @ 3800 PSI
6:24 P. M. Cut sand. 2194 Bbls. Go to flush.
6:29 P. M. Flush away. Shut down.
ISIP = 1600 PSI
5 min. = 1500 PSI
10 min. = 1425 PSI
Total sand = 90,000 lbs.
Total fluid = 2,528 bbls.
6:45 P. M. Start in hole with Howco Bridge Plug.
7:06 P. M. Set plug at 7410' KB.
7:25 P. M. Pressure test plug to 4000 PSI.
Spot 350 gal. 7½% Hcl from 7368' up hole.
11:46 P. M. Perforate Tocito at 6925', 6931', 6940', 6943', 6952',
7053', 7055', 7057', 3 SPF, 24 holes.

5/30/84:

12:14 A. M. Perforate Greenhorn at 7269', 7288', 7291', 7298', 7301',
7304', 7308', 3 SPF, 21 holes.
Perforate Dakota 'A' zone at 7362', 7364', 7366', 7368',
3 SPF, 12 holes.
12:44 A. M. Break down perforations.
Broke at 2200 PSI.
Establish rate 44 BPM @ 3400 PSI
Shut down. ISIP = 1500 PSI
12:47 A. M. Start balls. 3 balls/bbl. for 29 bbls.
Increase rate to 52 BPM @ 3000 PSI
Have ball off at 3900 PSI.
Start in hole with junk basket.
Recover 84 balls.

5/30/84: Dakota 'A' Greenhorn, Tocito Frac

1:44 A. M. Start pad 54 BPM @ 3500 PSI

1:49 A. M. Sand screws not turning. Shut down.
ISIP = 1700 PSI

1:52 A. M. Start $\frac{1}{2}$ lb. sand 54 BPM @ 3600 PSI

1:54 A. M. $\frac{1}{2}$ lb. sand on formation 53 $\frac{1}{2}$ BPM @ 3600 PSI

1:56 A. M. Start 1 lb. sand 53 BPM @ 3600 PSI

1:58 A. M. 1 lb. sand on formation 53 BPM @ 3600 PSI

2:02 A. M. At 3900 PSI Slow rate to 42 BPM @ 3700 PSI

2:06 A. M. On 1 lb. sand 38 BPM @ 3800 PSI

2:08 A. M. Start 1 $\frac{1}{2}$ lb. sand at 1182 Bbls. away.

2:11 A. M. 1 $\frac{1}{2}$ lb. sand on formation 38 BPM @ 3800 PSI

2:21 A. M. On 1 $\frac{1}{2}$ lb. sand 38 BPM @ 3800 PSI

2:26 A. M. Start flush 38 BPM @ 3800 PSI

2:30 A. M. Flush away. Shut down.
ISIP = 1800 PSI
5 min. = 1625 PSI
10 min. = 1550 PSI
Total sand = 63,900 lbs.
Total fluid = 2,200 Bbls.

3:23 A. M. Set bridge plug at 6535' KB.

3:43 A. M. Pressure test plug to 4000 PSI.

Spot 400 Gal. 7 $\frac{1}{2}$ % Hcl from 6490' up hole.

8:19 A. M. Perforate Gallup zone at 6259', 6262', 6276', 6284', 6287',
6292', 6296', 6299', 6302', 6304', 3 SPF, 30 holes.

9:19 A. M. Perforate Gallup at 6316', 6338', 6340', 6350', 6352', 6359',
6367', 6370', 6373', 6410', 3 SPF, 30 holes.

9:52 A. M. Perforate Gallup at 6414', 6434', 6441', 6447', 6452', 6456',
6479', 6482', 6485', 6487', 6490'.

10:13 A. M. Break down Gallup perforations.
Broke at 800 PSI
Establish rate 72 BPM @ 3600 PSI
Shut down. ISIP = 900 PSI

5/30/84:

10:15 A. M. Start balls. 3 balls/Bbl. for 50 Bbls.
Increase rate to 52 BPM @ 2200 PSI

10:23 A. M. Have ball off at 4000 PSI.
Surge balls off perforations.

10:30 A. M. Start in hole with junk basket.
Recover 151 balls.

Gallup Frac

11:12 A. M. Start pad 79 BPM @ 3600 PSI
Have a leak. Shut down. ISIP = 800 PSI

11:27 A. M. Start pad 79 BPM @ 3600 PSI

11:29 A. M. Start $\frac{1}{2}$ lb. sand. 77 BPM @ 3600 PSI

11:31 A. M. $\frac{1}{2}$ sand on formation. 77 BPM @ 3600 PSI

11:32 A. M. Start 1 lb. sand. 77 BPM @ 3600 PSI

11:33 A. M. 1 lb. sand on formation. 77 BPM @ 3550 PSI

11:42 A. M. Start $1\frac{1}{2}$ lb. sand. 73 BPM @ 3700 PSI

11:43 A. M. $1\frac{1}{2}$ lb. sand on formation. 70 BPM @ 3900 PSI
At 3900 PSI Slow rate to 40 BPM
Shut down at 1610 Bbls. away.
Cut sand.

11:46 A. M. Start pumping. 20 BPM @ 3600 PSI
At 1662 Bbls. blender is clean of sand.
Pumping at 16 BPM @ 3900 PSI

11:55 A. M. Start sand at 1825 Bbls. away $\frac{1}{2}$ lb./gal.
 $\frac{1}{2}$ lb. sand on formation 16 BPM @ 3900 PSI

12:01 P. M. Cut sand. Go to flush. 22 BPM @ 3800 PSI

12:03 P. M. Shut down. ISIP = 400 PSI
Flow well. Back flow died after 10 min.
Total sand pump 51,050 lbs.
Total fluid = 1927 Bbls. water.
Tag sand with tubing 8 Jt. off of Baker Bridge Plug.

6:30 P. M. Recover Bridge Plug. Set at 6535'.
Mill up Bridge Plug. Set at 7410'.
Clean casing out to 7628' KB.

5/31/84: Land production tubing, seating nipple at 7455' KB
with a 4' perforated sub and a 32' tail joint of 2 3/8"
tubing below seating nipple.