Form 9-331
Dec. 1973

Budget Bureau No. 42-R1424

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 'M' - 660' FSL & 664' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
Jicarilla 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.
~~MW~~ 34

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)
7207' GR

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)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
DEC 1984
BUREAU OF LAND MANAGEMENT

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.

11/27/84 through 11/30/84

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DEC 14 1984
OIL CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED D. W. Miller TITLE President DATE 12/6/84

ACCEPTED FOR RECORD

(This space for Federal or State office use)

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

DEC 10 1984
FARMINGTON RESOURCE AREA
BY _____

*See Instructions on Reverse Side

OPERATOR

11/27/84:

Drilled out D. V. tool at 3062' KB.

Clean out casing to float collar at 7367' KB.

11/28/84:

7:45 A. M. Pressure test casing to 4000 PSI.

Circulate casing with 2% Kcl water.

Spot 200 gal 7½% acetic acid from 7275' up hole.

Trip out of hole with tubing.

Go in hole with logging tools.

Log from to 6700' CBL & Gamma Ray
6300' to 5650'
5300' to 4900'
3150' to 2700'

2:33 P. M. Perforate Dakota 'D' zone at:

7223', 7246', 7248', 7250', 7254', 7256', 7258', 7262', 7268',

7270', 7275', 4 SPF, 44 holes

2:52 P. M. Break down Dakota 'D' formation.

Broke at 2400 PSI.

Establish rate 36 BPM @ 3000 PSI

Shut down.

ISIP = 700 PSI.

Start balls. 2 balls/bbl for 33 bbls. (Total of 66 balls)

Increase rate to 40 BPM @ 2200 PSI

Have a ball off at 4000 PSI.

Surge balls off perforations.

Go in hole with junk basket. Recover 66 balls.

DAKOTA 'D' FRAC:

4:28 P. M. Start pad. 57 BPM @ 3100 PSI

4:36 P. M. Start 1/2 lb/gal sand 54 BPM @ 3400 PSI

4:38 P. M. 1/2 lb/gal sand on formation 54 BPM @ 3400 PSI

4:40 P. M.	Start 1 lb/gal sand	53 BPM @ 3400 PSI
4:42 P. M.	1 lb/gal sand on formation	54 BPM @ 3300 PSI
4:49 P. M.	Start 1 1/2 lb/gal sand	53 BPM @ 3400 PSI
4:51 P. M.	1 1/2 lb/gal sand on formation	53 BPM @ 3400 PSI
4:57 P. M.	On 1 1/2 lb/gal sand	51 BPM @ 3600 PSI
5:02 P. M.	Go back to 1 lb/gal sand at	50 BPM @ 3775 PSI
5:04 P. M.	Cut sand. Go to flush	50 BPM @ 3750 PSI

5:06 P. M. Flush away. Shut down.

ISIP = 1950 PSI
5 min = 1650 PSI
10 min = 1575 PSI

Total sand = 70,000 lbs
Total fluid = 2,000 bbls

Go in hole with Howco Bridge plug

5:43 P. M. Set plug at 7180' KB.

6:03 P. M. Pressure test plug to 4000 PSI. Trip in hole with tubing.

Spot 300 gal 7½% Hcl from 7135' up hole.

Trip out of hole with tubing.

9:48 P. M. Perforate Tocito zone at

6803', 6805', 6807', 6809', 4 SPF, 16 holes.

9:50 P. M. Perforate Greenhorn at:

7010', 7026', 7029', 7034', 7037', 7040', 7042', 7046', 4 SPF, 32 holes.

10:23 P. M. Perforate Dakota 'A' at:

7111', 7114', 7116', 7131', 7133', 7135', 4 SPF, 24 holes

10:40 P. M. Break down perforations. Broke at 1800 PSI.

Establish rate 50 BPM @ 3600 PSI.

Shut down. ISIP = 1200 PSI.

10:42 P. M. Start balls. 3 balls/bbl for 36 bbls. Total of 108 bbls.

Increase rate to 48 BPM @ 3000 PSI.

Have good ball action. Pressure goes up to 3800 PSI.

Shut down.

Go in hole with junk basket.

Recover 108 balls.

11/29/84: TOCITO, GREENHORN, DAKOTA 'A' FRAC:

12:12 A. M.	Start pad	52 BPM @ 3500 PSI
12:18 A. M.	Start 1/2 lb/gal sand	51 BPM @ 3750 PSI
12:20 A. M.	1/2 lb/gal sand on formation	50 BPM @ 3800 PSI
12:22 A. M.	Start 1 lb/gal sand	48 BPM @ 3800 PSI
12:24 A. M.	1 lb/gal sand on formation	52 BPM @ 3400 PSI
12:29 A. M.	Start 1 1/2 lb/gal sand	52 BPM @ 3400 PSI
12:31 A. M.	1 1/2 lb/gal sand on formation	52 BPM @ 3550 PSI

12:33 A. M. On 1 1/2 lb/gal sand
Have a line leak. Shut down.
Repair line.

12:51 A. M. Start pumping. Flush casing.

12:55 A. M. Have another line leak. Shut down.

1:14 A. M.	Start pumping.	30 BPM @ 2850 PSI

1:18 A. M. Can't get sand screws to move. Shut down.

1:19 A. M. Start pumping.

1:20 A. M.	Start sand. 1 lb/gal sand	32 BPM @ 2750 PSI

1:23 A. M. 1 lb/gal sand on formation 32 BPM @ 2750 PSI

1:24 A. M. Start 1 1/2 lb/gal sand 32 BPM @ 2750 PSI

1:28 A. M. Cut sand. Go to flush.

1:37 A. M. Flush away. Shut down.

ISIP = 2000 PSI
5 min = 1850 PSI

Total sand = 41,400 lbs
Total fluid = 1,700 bbls

1:45 A. M. Go in hole with Baker bridge plug.

2:23 A. M. Set plug at 6290'.

2:45 A. M. Pressure test plug to 4000 PSI.
Trip in hole with tubing.
Spot 400 gal 7½% Hcl from 6240' up hole.

Trip out of hole with tubing.

8:43 A. M. Perforate Gallup zone at:

5735', 5753', 5772', 5777', 5779', 5796', 5804', 5924', 5926',

5970', 5988', 2 SPF, 22 holes.

9:15 A. M. Perforate Gallup zone at:

5990', 6000', 6003', 6036', 6046', 6072', 6116', 6118', 6120',

6122', 6124', 2 SPF, 22 holes.

Perforate Gallup zone at:

6152', 6156', 6191', 6225', 6227', 6229', 6233', 6235', 6237',

6240', 2 SPF, 20 holes.

10:18 A. M. Break down Gallup perforations.

Broke at 1000 PSI.
Establish rate 76 BPM @ 3400 PSI
Shut down. ISIP = 200 PSI.

Start balls. 3 balls/bbl for 33 bbls. Total of 100 bbls

Increase rate to 49 BPM @ 1800 PSI

Have good ball action at 3000 PSI.

Have max pressure of 3900 PSI

Surge balls off perforations.

Go in hole with junk basket.

Recover 100 balls.

11/29/84:

GALLUP FRAC

11:18 A. M.	Start pad	83 BPM @ 3400 PSI
11:22 A. M.	Start 1/2 lb/gal sand	82 BPM @ 3500 PSI
11:23 A. M.	1/2 lb/gal sand on formation	82 BPM @ 3500 PSI
11:24 A. M.	Start 1 lb/gal sand	82 BPM @ 3425 PSI
11:25 A. M.	1 lb/gal sand on formation	82 BPM @ 3400 PSI
11:30 A. M.	Start 1 1/2 lb/gal sand	81 BPM @ 3350 PSI
11:31 A. M.	1 1/2 lb/gal sand on formation	81 BPM @ 3400 PSI
11:33 A. M.	On 1 1/2 lb/gal sand	78 BPM @ 3650 PSI
11:36 A. M.	On 1 1/2 lb/gal sand	75 BPM @ 3800 PSI

11:40 A. M. Cut sand. Go to flush.

11:42 A. M. Flush away. Shut down.
ISIP = 300 PSI
5 min = 300 PSI
10 min = 250 PSI
15 min = 250 PSI

Total sand = 70,000 lbs
Total fluid = 2,150 bbls

1:30 P. M. Open well up. Flow Gallup formation back.
Trip in hole with tubing and retrieving head.
Retrieve Baker bridge plug set at 6290' KB.

11/30/84:

Mill up Howco EZ Drill bridge plug set at 7180'.

Clean out casing to 7367' KB.
Land 221 joints of 2 3/8" tubing at 7192' KB.
S. N. at 7156' KB.
Have a 4' perforated sub below seating nipple and a 32' tail joint.