

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 'F' - 1805' FNL & 2255' FWL

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:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) ☐

SUBSEQUENT REPORT OF:

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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.

23

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)
7382' 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 - Day #1 through Day #7

RECEIVED

MAY 11 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

TITLE President

DATE

April 30, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

HARRINGTON RESOURCE AREA

BY

Day #1. Present operation: WOC. Nipple up. Depth today: 225'. Rotary - RPM: 90. Weight on bit: all. Present drilling rate: 60'/hr. Pump - liner size: 5½. Pressure: 800. Strokes per minute: 60. Mud - spud. Mud additives: 30 gel. 3/4° @ 224'. Bit #1: 12¼, OSC 3; 225', 3½.

1 hour	Rig idle
3¼ hours	Move
4 hours	Rig up
1 hour	Drill rat and mousehole
3½ hours	Drilling surface
1 hour	Run casing
3/4 hour	Cement with Woodco
9½ hours	WOC. Nipple up.

4/23/84:

Spudded at 3:00 P. M. Ran 5 joints of 8 5/8" 24# K-55, set at 224' KB. Cemented with 170 sks. of Class B neat (200 CF), 1/4# Flocele per sack, 3% calcium chloride. Circulated 4 barrels to surface. Plug down @ 8:45 P. M. Arapahoe rig #11.

4/25/84:

Day #2. Present operation: Drilling. Depth today: 2125'. 24 hour footage: 1900'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore: 2¼. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 90'/hr. Pump - Liner size: 5½. Pressure: 1,000#. Strokes per minute: 58. Mud vis: 32. Wt.: 8.8. W. L.: 12. Mud additives: 20 gel, 12 starch, 1 caustic soda, 1 soda ash, 40 barrels of oil. Deviation record: 3/4° @ 727'; 3/4° @ 1280'; 1° @ 1742'. Bit #2: 7 7/8", J11; 1900', 20 1/4 hours.

2 3/4 hours	WOC Nipple up.
1/4 hour	Drilling cement
20 1/4 hours	Drilling
3/4 hours	Surveys

Pressure tested BOP to 600# - Okay.

4/26/84:

Day #3. Present operation: drilling. Depth today: 3100'. 24 hour footage: 975'. Formation: sand and shale. Drill Collars - No. 21 - Size: 6. Bore: 2¼. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 35'/hr. Pump - liner size: 5½. Pressure: 1,000#. Strokes per minute: 58. Mud - Vis: 36. Wt.: 9.2. W. L.: 7.0. Mud additives: 65 gel, 2 soda ash, 2 caustic soda, 1 preservative, 2 LCM, 20 barrels of oil. Deviation record: 1° @ 2264'; 1/2° @ 2819'; 1/4° @ 2941'. Bit #2: 7 7/8", J11; 2716', 30 hours. Bit #3: 7 7/8", J22; 159', 4 hours.

13 hours	Drilling
1 hour	Survey
1/4 hour	RS BOP
9 hours	Trip and wash 90' to bottom

4/27/84:

Day #4. Present operation: drilling. Depth today: 3930'. 24 hour footage: 830'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore: 2 $\frac{1}{4}$. Weight: 50,000#. Rotary - RPM: 60. Weight on bit: 38,000#. Present drilling rate: 30'/hr. Pump - Liner size: 5 $\frac{1}{2}$. Pressure: 1,000#. Strokes per minute: 58. Mud - Vis: 36. Wt.: 8.9. W. L.: 7.0. Mud additives: 60 gel, 3 soda ash, 1 caustic, 1 preservative, 2 thinner, 20 barrels of oil. Deviation record: 1/2° @ 3496'. Bit #3: 7 7/8", J22; 989', 27 1/4 hours.

23 1/4 hours	Drilling
1/2 hour	Survey
1/4 hour	RS

4/28/84:

Day #5. Present operation: drilling. Depth today: 4500'. 24 hour footage: 670'. Formation: sand and shale. Drill Collars: No: 21. Size: 6". Bore: 2 $\frac{1}{4}$. Weight: 50,000#. No info on rotary. Pump - Liner size: 5 $\frac{1}{2}$. Pressure: 1,000#. Strokes per minute: 56. Mud - Vis: 38. Wt.: 9.0. W. L.: 8.0. No additives info. Deviation record: $\frac{1}{2}$ ° @ 3990'; $\frac{1}{2}$ ° @ 4481'. Bit #3: 7 7/8", J22; 1559', 49 1/4 hours.

1 hour	Repair drum and hydraulic chain
1/4 hour	RS. Check BOP.
3/4 hour	Survey
22 hours	Drilling

4/29/84:

Day #6. Present operation: drilling. Depth today: 4909'. 24 hour footage: 409'. Drill collars: No: 21. Size: 6. Bore: 2 $\frac{1}{4}$. Weight: 50,000#. Rotary: RPM: 60. Weight on bit: 40,000#. Present drilling rate: 25'/hr. Pump - Liner size: 5 $\frac{1}{2}$. Pressure: 1,000#. 56 strokes per minute. Mud - Vis: 38. Weight: 9.0. W. L.: 6.8. No additives info. Deviation record: 1/2° @ 4409'. No bit info.

1/4 hour	RS. Check BOP.
16 1/4 hours	Drilling
3 1/2 hours	Survey and trip
1 hour	Time change
1 1/4 hours	Pull guard for noise on drawworks
1 3/4 hours	Trip in

4/30/84:

Day #7. Present operation: drilling. Depth today: 5555'. 24 hour footage: 646'. Formation: sand and shale. Drill Collars - No. 21. Size: 6. Bore: 2 $\frac{1}{4}$. Weight: 50,000#. Rotary - RPM: 60. Weight on bit: 40,000#. Present drilling rate: 25'/hr. Pump - Liner size: 5 $\frac{1}{2}$. Pressure: 1,000#. Strokes per minute: 56. Mud - Vis: 50. Wt.: 9.1. W. L.: 4.8. Mud additives: 68 gel, 2 soda ash, 1 caustic, 1 preservative, 2 thinner, 40 barrels of oil. Deviation record: 1/2° @ 5408'. Bit #4: 7 7/8", F3; 646', 22 1/2 hours.

1/4 hour	Trip in
1/4 hour	RS. Check BOP.
1/2 hour	Repair chain
1/2 hour	Survey
22 1/2 hours	Drilling