

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 '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:

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RECEIVED

JUL 9 1984

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

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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 #4 through Day #7.

RECEIVED  
JUL 17 1984  
OIL CON. DIV.  
DIST. 3

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED L. W. Miller TITLE President DATE July 6, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUL 16 1984

\*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA

BY SMH

7/1/84:

Day #4. Present operation: drilling. Depth today: 3029'. 24 hour footage: 452'. Drill collars - No: 21. Size: 6. Bore: 2 $\frac{1}{4}$ ". Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 35'/hr. Pressure: 1,000#. Strokes per minute: 60. Mud - Vis: 40. Wt.: 8.8. W. L.: 6.4. Deviation record: 2 $\frac{1}{2}$ ° @ 2701'; 2° @ 2883'; 2° @ 2923'. Bit #3: 7 7/8", A1; 2199', 46 1/2 hours. Bit #4: 7 7/8", V527; 106', 3 1/4 hours.

1/4 hour	RS
1 1/2 hour	surveys
5 1/2 hours	Trip
15 3/4 hours	Drilling

7/2/84:

Day #5. Present operation: drilling. Depth today: 3839'. 24 hour footage: 810'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore: 2 1/4". Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 30'/hr. Pump - liner size: 5 $\frac{1}{2}$ ". Pressure: 1,000#. Strokes per minute: 58. Mud - Vis: 36. Wt.: 9.0. W. L.: 8.7. Mud additives: 64 gel, 2 soda ash, 1 caustic, 1 preservative, 3 thinner, 20 barrels of oil. Deviation record: 2° @ 3360'; 1 3/4° @ 3829'. Bit #4: 7 7/8", V527; 916', 26 1/4 hours

1/4 hour	RS
3/4 hour	Survey
23 hours	Drilling

7/3/84:

Day #6. Present operation: drilling. Depth today: 4543'. 24 hour footage: 704'. Formation: sand and shale. Drill Collars - No: 21. Size: 6. Bore: 2 $\frac{1}{4}$ ". Weight: 50,000#. Rotary - RPM: 65. Weight: 35,000#. Present drilling rate: 26'/hr. Pump - Liner size: 5 $\frac{1}{2}$ ". Pressure: 1,000#. Strokes per minute: 56. Mud - Vis: 40. Wt.: 9.1. W. L.: 8.6. Mud additives: 70 gel, 1 1/2 soda ash, 1 caustic soda, 2 thinner, 1 preservative, 3 starch, 40 barrels of oil. Deviation record: 1 $\frac{1}{2}$ ° @ 4387'. Bit #4: 7 7/8", V527; 1620', 49 1/2 hours.

1/4 hour	RS. Check BOP
3/4 hour	Survey
23 hours	Drilling

7/4/84:

Day #7. Present operation: drilling. Depth today: 5225'. 24 hour footage: 682'. Drill collars - No.: 21. Size: 6. Bore: 2 $\frac{1}{4}$ ". Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 26'/hr. Pump - liner size: 5 $\frac{1}{2}$ ". Pressure: 1,100#. Strokes per minute: 54. Mud - Vis: 42. Wt.: 9.2. W. L.: 7.0. No additives information available. Deviation record: 1 1/2° @ 4946'. Bit #4: 7 7/8", V527; 2302', 72 1/2 hours.

1/4 hour	RS. Check BOP.
1/2 hour	Survey
23 1/4 hours	Drilling

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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 '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:

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RECEIVED

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

BUREAU OF LAND MANAGEMENT  
HARMINGTON RESOURCE AREA

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.  
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  
13. STATE  
Rio Arriba New Mexico  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7019' GL

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 #8 through Day #12.

RECEIVED  
JUL 17 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 10, 1984

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD

JUL 16 1984

\*See Instructions on Reverse Side

NMOCC

HARMINGTON RESOURCE AREA

BY

SM

7/5/84:

Day #8. Present operation: drilling. Depth today: 5700'. 24 hour footage: 475'. Formation: sand and shale. Drill collars - No.: 21. Size: 6. Bore: 2 1/4". Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 25'/hr. Pump - Liner size: 5 1/2. Pressure: 1,000#. Strokes per minute: 54. Mud - Vis: 46. Wt.: 9.1. W. L.: 6.0. 4% LCM. Mud additives: 47 gel, 1 1/2 soda ash, 2 thinner, 3 starch, 1 preservative, 100 LCM, 40 barrels of oil. Deviation record: 1 3/4° @ 5405'. Bit #4: 7 7/8", V-527; 2482', 79 1/2 hours. Bit #5: 7 7/8", V-527; 295', 11 1/2 hours.

1/4 hour	RS. Check BOP.
5 1/2 hours	Trip
18 1/4 hours	Drilling

7/6/84:

Day #9. Present operation: drilling. Depth today: 6130'. 24 hour footage: 430'. Formation: sand and shale. Drill collars: 21. Size: 6. Bore: 2 1/4". Weight: 50,000#. Rotary - RPM: 65. Wt.: 9.2. W. L.: 6.0. Mud additive: 60 gel, 1 1/2 soda ash, 2 caustic, 1 preservative, 4 thinner, 40 barrels of oil. Deviation record: 1 1/2° @ 5960'. Bit #5: 7 7/8", V527; 725', 35 3/4 hours.

1/4 hour	RS. Check BOP.
1/2 hour	Survey
23 1/4 hours	Drilling

7/7/84:

Day #10. Present operation: drilling. Depth today: 6530'. 24 hour footage: 400'. Drill collars - No.: 21. Size: 6. Bore: 2 1/4". Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 16'/hr. Pressure: 1,000#. Strokes per minute: 62. Mud - Vis: 45. Wt.: 9.3. W. L.: 5.0. Deviation record: 1 1/2° at 6485'. Bit #5: 7 7/8", V527; 1125', 59 hours.

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

7/8/84:

Day #11. Present operation: drilling. Depth today: 7060'. 24 hour footage: 530'. Drill collars - No: 21. Size: 6. Bore: 2 1/4. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 38,000#. Present drilling rate: 16'/hr. Pump - liner size: 5 1/2. Pressure: 1,000#. Strokes per minute: 52. Mud - Vis: 48. Wt.: 9.4. W. L.: 6.0. 4% LCM. Bit #5: 7 7/8", V527; 1655', 82 3/4 hours.

1/4 hour	RS
23 3/4 hours	Drilling

7/9/84:

Day #12. Present operation: drilling. Depth today: 7270'. 24 hour footage: 210'. Formation: Dakota. Drill collars - No: 21. Size: 6. Bore: 2 1/4". Weight: 50,000#. Rotary - RPM: 55. Weight on bit: 35,000#. Present drilling rate: 15'/hr. Pump - liner size: 5 1/2. Pressure: 1,150. Strokes per minute: 56. Mud - Vis: 54. Wt.: 9.6. W. L.: 6.0. 8% LCM. Deviation: 1 1/2° @ 7191'. Bit #5: 7 7/8", V527; 1786', 90 1/2 hrs. Bit #6: 7 7/8", F3; 79', 5 3/4 hours.

1/4 hour	RS	3 hours	Trip out
3 1/4 hours	Trip for bit.	2 3/4 hours	Trip in
1 1/4 hours	Trip in 35 stands.	13 1/2	Drilling
	Plugged bit.		