

Dec. 1973

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 New Mexico 87108  
313 Washington, S.E., Albuquerque,

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 790' FNL & 790' FEL

AT TOP PROD. INTERVAL: Unit 'A'

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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BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE Tribal Contract # 47

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #47

9. WELL NO.

7-111

10. FIELD OR WILDCAT NAME

Chacon Dakota/Undes. Gallup

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA

Sec. 13, T23N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7397' 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.)\*

Well History attached. Day # 1 through Day # 9

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED B. W. Miller (gs) TITLE President DATE October 7, 1983

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

NMOCG

FARMINGTON RESOURCE AREA

BY

Sam

OCT 20 1983

ACCEPTED FOR RECORD

# CHACE OIL COMPANY, INC.

313 Washington S.E.

Albuquerque, New Mexico 87108

(505) 266-5562

## WELL HISTORY

### NAME:

Chace Oil Company, Inc.  
Jicarilla Apache 47-7-JV

### Location:

Unit 'A'- 790' FNL & 790' FEL  
Section 13, T23N, R4W  
Rio Arriba County, New Mexico

### Elevation:

7385' GL

### Estimated Formation Tops:

Ojo	2640'
Pictured Cliffs	3060'
Chacra	3415'
Cliff House	4615'
Pt. Lookout	5090'
Gallup	6215'
Tocito	6890'
Greenhorn	7190'
Dakota 'A'	7280'
Dakota 'D'	7430'
Burro Canyon	7530'

### 9/20/83:

APD Approved

### 9/21/83:

Start dirt work.

### 9/28/83:

Spudded @ 2:00 P.M. on 9/28/83. Ran 5 joints of 8 5/8" 24# casing 213', set @ 228' KB. Cemented with 176 sks of Class B cement (208 CF), 3% calcium chloride, 1/4# Flocele/sack. Plug down @ 6:45 P.M. Circulated 4 barrels to surface.

9/29/83:

Day #1. Present operation: Waiting on cement. Depth today: 228'.  
24 hour footage: 228'. Formation: Sand and shale. Rotary RPM: 70.  
Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 60.  
Mud - spud. Mud additives: 20 gel. Deviation record: 3/4° at 228'.  
Bit #1: 12 1/4, OSC-1G, 228', 3 hours.

1 hour	Rig idle
6 hours	Move - rig up
1 hour	Drill rat and mouse hole
3 hours	Drill surface
3/4 hour	Run casing
1/4 hour	Circulate
1/2 hour	Survey - trip out
1/4 hour	Cement with Woodco
11 1/4 hours	Nipple up and WOC

9/30/83:

Day #2. Present operation: Drilling. Depth today: 2084'. 24 hour  
footage: 1856'. Formation: Sand and shale. Rotary RPM: 70.  
Pump - liner size: 5 1/2". Pressure 1,000#. Strokes per minute. 60.  
Mud - viscosity: 32. Weight: 8.8. Water loss: 8. Mud additives:  
27 gel, 2 thinner, 12 starch, 2 soda ash, 1 preservative, 4 LCM,  
40 bbl. oil. Deviation record: 1/2° at 727', 1/2° at 1253', 1° at  
1838'. Bit #2: 7 7/8", FP51, 1856', 21 3/4 hours.

1/4 hour	Pressure test to 600 lbs. (held o.k.)
1/2 hour	Trip in
1/2 hour	Drilling cement
1/4 hour	Rig service
3/4 hours	Surveys
21 3/4 hours	Drilling

10/1/83:

Day #3. Present operation: Drilling. Depth today: 3135'. 24 hour  
footage: 1051'. Formation: Sand and shale. Brill collars: 21.  
Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 65.  
Weight on bit: 35,000#. Present drilling rate: 42 ft/hr. Pump -  
liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 58.  
Mud - viscosity: 33. Weight: 9. Water Loss: 9. Mud - additives:  
45 gel, 2 soda ash, 1 thinner, 1 caustic, 1 preservative, 5 LCM,  
20 bbls. oil. Deviation record: 1° at 2673'. 3/4° at 3093'.  
Bit #2: 7 7/8", FP51, 2445', 30 1/4 hours. Bit #3: 7 7/8", FP52,  
420', 7 3/4 hours. Bit #4: 7 7/8", F2, 42', 1 1/4 hours.

1/4 hour	Rig service
2 3/4 hours	Trip for bit #3 and wash 60' to bottom
3 hours	Trip for bit #4 and wash 50' to bottom
18 hours	Drilling

10/2/83:

Day #4: Present operation: Drilling. Depth today: 4153'. 24 hour footage: 1018'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 65. Weight on bit: 35,000#. Present drilling rate: 30 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 56. Mud - viscosity: 34. Weight: 9.1. Water loss: 8. Mud - additives: 39 gel, 2 thinner, 6 starch, 1 caustic, 1 preservative, 3 fiber, 2 soda ash, 40 bbls. oil. Deviation record: 3/4° at 3630'. Bit #4: 7 7/8", F2, 1060', 24 1/4 hours.  
1/4 hour Rig service  
1/2 hour Survey  
23 1/4 hour Drilling

10/3/83:

Day #5: Present operation: Trip for bit. Depth today: 4624'. 24 hour footage: 471'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 40,000#. Present drilling rate: 12 ft./hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 56. Mud - viscosity: 38. Weight: 9.1. Water loss: 8. Mud - additives: 67 gel, 1 soda ash, 1 caustic, 1 preservative, 6 fiber, 10 starch, 1 thinner, 20 bbls. oil. Deviation record: 3/4° at 4210'. Bit #4: 7 7/8", F2, 1531', 46 3/4 hours.  
1/2 hour Rig service and survey  
1 1/4 hour Trip for bit and survey  
22 1/4 hours Drilling

10/4/83:

Day #6: Present operation: Drilling. Depth today: 5224'. 24 hour footage: 600'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 38,000#. Present drilling rate: 30 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 54. Mud - viscosity: 40. Weight: 9. Water loss: 8.4. Mud - additives: 56 gel, 2 soda ash, 1 caustic soda, 1 preservative, 8 starch, 2 fiber, 40 bbls. oil. Deviation record: 3/4° at 4624'. Bit #5: 7 7/8", F2, 600', 19 1/2 hours.  
19 1/2 hours Drilling  
4 1/2 hours Trip

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10/5/83:

Day #7. Present operation: Drilling. Depth today: 5784'. 24 hour footage: 560'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 38,000#. Present drilling rate: 22 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 54. Mud - viscosity: 38. Weight: 9.1. Water loss: 8. Mud - additives: 67 gel, 3 soda ash, 1 caustic soda, 1 preservative, 1 thinner, 2 fiber, 20 bbls. oil. Deviation record: 3/4° at 5234', 3/4° at 5724'. Bit #5: 7 7/8", F2, 1160', 43 hours.

1/4 hour	Rig service
1 hour	Survey
22 3/4 hours	Drilling

10/6/83:

Day #8. Present operation: Drilling. Depth today: 6300'. 24 hour footage: 516'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 38,000#. Present drilling rate: 18 ft/hr. Pump +liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 53. Mud - viscosity: 42. Weight: 9.2. Water loss: 8. 3% LCM. Mud - additives: 82 gel, 3 soda ash, 1 caustic soda, 1 preservative, 1 thinner, 107 LCM, 40 bbls. oil. Deviation record: 3/4° at 6216'. Bit #5: 7 7/8", F2, 1676', 66 1/4 hours.

1/4 hour	Rig service and check BOP
1/2 hour	Survey
23 1/4 hour	Drilling

10/7/83:

Day #9. Present operation: Making a trip. Depth today: 6694'. 24 hour footage: 394'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 35,000#. Present drilling rate: 15 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 54. Mud - viscosity: 43. Weight: 9.3. Water loss: 8. 4 % LCM. Mud - additives: 70 gel, 3 soda ash, 1 caustic soda, 1 preservative, 2 starch, 130 LCM, 60 bbls. oil. Bit #5: 7 7/8", F2, 2070', 89 1/4 hours.

1/4 hour	Rig service
3/4 hour	Survey and trip
23 hours	Drilling