

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 ☐ other2. NAME OF OPERATOR
Chace Oil Company, Inc.3. ADDRESS OF OPERATOR
313 Washington, SE, Albuquerque, NM 871084. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Unit 'G' - 1850' FNL & 1850' 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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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

SEP 28 1983
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 # 1 through
Day # 9.

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Subsurface Safety Valve: Manu. and Type _____

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

SIGNED B.W. Miller (gs) TITLE President DATE September 23, 1983

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

SEP 30 1983

*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA

BY sm



CHACE OIL COMPANY, INC.

313 Washington S.E.
Albuquerque, New Mexico 87108
(505) 266-5562

WELL HISTORY

Name: Chace Oil Company, Inc.
Jicarilla Apache 47-6-JV

Location: Unit 'G' - 1850' FNL & 1850' FEL
Section 12, T23N, R4W

Elevation: 7353' GL

Projected Depth: 7675'

Estimated Formation Tops:

Ojo	2665'
Pictured Cliffs	3060'
Chacra	3440'
Cliff House	4640'
Point Lookout	5115'
Gallup	6240'
Tocito	6900'
Greenhorn	7200'
Dakota 'A'	7290'
Dakota 'D'	7440'
Burro Canyon	7540'

7/18/83:

APD submitted.

9/7/73:

Verbal approval of APD.

9/11/83:

Road and pad construction commenced.

9/14/83:

Spudded @ 4:30 P. M. on 9/14/83. Ran 5 joints of 8 5/8", 24#, K-55 casing, total of 202', set @ 215' KB. Cemented with 170 sks (200 CF) Class B neat, 3% calcium chloride, 1/4# Flocele per sack. Plug down @ 9:00 P. M. on 9/14/83. Circulated 3 barrels to surface.

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OIL CON. DIV.
DIST. 3

9/15/83:

Day #1. Present operation: WOC. Depth today: 217'. 24 hour footage: 217'. Mud - spud. Mud additives: 20 gel. Deviation record: 1/2° @ 217'. Bit #1: 12 1/4", OSC-16; 217', 2 3/4 hours.

8 hours	Move and rig up
2 1/2 hours	Drilling rat and mousehole
2 3/4 hours	Drilling
3/4 hour	Circulate and survey
1/2 hour	Running 8 5/8" casing
1/2 hour	Cement with Woodco
9 hours	WOC

9/16/83:

Day #2. Present operation: drilling. Depth today: 1807'. 24 hour footage: 1590'. Formation: Sand and shale. Drill collars: 21. Size: 6. Bore: 2 1/4. Weight: 50,000. Rotary RPM: 65. Weight on Bit: 40,000#. Present drilling rate: 70 ft/hr. Pump: liner size - 5 1/2". Pressure: 1,000#. Strokes per min.: 50. Mud - vis: 33. Weight: 8.5#. Water loss: 9. Mud additives: 20 gel, 4 starch, 2 thinner, 2 LCM, 40 bbls. of oil. Deviation record: 3/4° at 730', 1/2° at 1223', 3/4° at 1716'. Bit #2: 7 7/8", FP51, 1590', 20 hours.

3 hours	WOC
1/4 hour	Drilling cement
3/4 hour	Surveys
20 hours	Drilling

9/17/83:

Day #3. Present operation: drilling. Depth today: 3075'. 24 hour footage: 1268'. 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: 65 ft/hr. Pump: liner size - 5 1/2". Pressure: 1,000#. Strokes per minute: 58. Mud - viscosity: 32. Weight: 8.8. Water loss: 9. Deviation record: 1/2° at 2274'. 1/2° at 2769'. Bit #2: 7 7/8", FP51, 2057', 26 hours. Bit #3: 7 7/8", J22, 801', 14 1/4 hours.

1/4 hour	Rig service
2 3/4 hours	Trip for bit and survey
1/4 hour	Survey
20 3/4 hours	Drilling

9/18/83:

Day #4. Present operation: drilling. Depth today: 4055'. 24 hour footage: 980'. 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: 40' per hour. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 57. Mud - viscosity: 37. Weight: 9. Water loss: 8. Deviation record: 1/2° at 3417'. 1/2° at 3942'. Bit #3: 7 7/8", J22, 1781', 36 3/4 hours.

1/4 hour	Rig service
1/4 hour	Surveys
3/4 hour	Repack swivel
1/2 hour	Replace input chain and torque converter
22 1/2 hours	Drilling

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9/19/83:

Day #5. Present operation: drilling. Depth today: 4579'. 24 hour footage: 524'. 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: 25 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: 51 gel, 1 soda ash, 1 caustic, 2 thinner, 1 preservative, 2 starch, 4 LCM, 40 bbls. of oil. Deviation record: 1/2° at 4159'. Bit # 3: 7 7/8", J22, 1885', 39 1/2 hours. Bit #4: 7 7/8", F2, 420' 16 3/4 hrs. 1/4 hour Rig service and check BOP
5 hours Trip for bit
18 3/4 hours Drilling

9/20/83:

Day #6. Present operation: drilling. Depth today: 5239'. 24 hour footage: 660'. 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: 25 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 54. Mud - viscosity: 38. Weight: 9. Water loss: 7.4. Mud additives: 59 gel, 2 soda ash, 3 thinner, 1 caustic soda, 6 starch, 1 preservative, 5 LCM, 20 bbls. oil. Deviation record: 1/2° at 4653'. 1/2° at 5176'. Bit #4: 7 7/8", F2, 1,080', 40 1/4 hours. 1/2 hour Rig service, check BOP and survey
23 hours Drilling
1/2 hour Survey

9/21/83:

Day #7. Present operation: drilling. Depth today: 5605'. 24 hour footage: 366'. 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: 19 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 56. Mud - viscosity: 39. Weight: 9.2. Water loss: 8. Mud additives: 40 gel, 1 soda ash, 1 thinner, 1 caustic, 1 preservative, 2 LCM, 20 bbls. oil, 6 starch. Deviation record: 1° at 5404'. Bit #4: 7 7/8", F2, 1245', 47 3/4 hours. Bit #5: 7 7/8", F2, 201', 7 hours. 1/4 hour Rig service and check BOP
4 3/4 hours Trip and survey
19 hours Drilling

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9/22/83:

Day #8. Present operation: drilling. Depth today: 6110'. 24 hour footage: 505'. 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: 20 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 58. Mud - viscosity: 40. Weight: 9.1. Water loss: 8. [Carrying 3% LCM]. Mud additives: 80 gel, 2 soda ash, 2 thinner, 5 LCM, 1 preservative, 5 starch, 40 bbls. oil. Deviation record: 1° at 5885'. Bit #5: 7 7/8", F2, 716', 33 3/4 hours.
1/4 hour Rig service and check BOP
1/2 hour Survey
1/2 hour Lost circulation at 6010' - 50 bbls. - now have full returns
22 3/4 hours Drilling

9/23/83:

Day #9. Present operation: drilling. Depth today: 6561'. 24 hour footage: 451'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 20,000#. Present drilling rate: 18 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 56. Mud - viscosity: 43. Weight: 9. Water loss: 8. 5% LCM. Mud additives: 132 gel, 214 LCM, 2 thinner, 3 soda ash, 1 caustic soda, 1 preservative, 8 starch, 40 bbls. oil. Deviation record: 3/4° at 6376'. Bit #5: 7 7/8", F2, 1157', 56 1/4 hours.
1/4 hour Rig service and check BOP
1/2 hour Survey
3/4 hour Condition mud lost 150 bbls. at 6405'
22 1/2 hours Drilling

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