

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 "K" 2310 FSL & 2310' FWL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Tribal Cont. #71

9. WELL NO.
21-8

10. FIELD OR WILDCAT NAME
S. Lindrith Gallup Dakota

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 3, T23N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DEPTHS IN FEET)
7230' KB

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

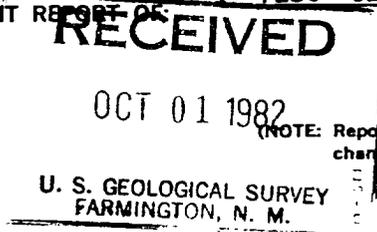
PULL OR ALTER CASING

MULTIPLE COMPLETE CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF:



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 attached well history, through Day #4.



Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED D. W. Miller TITLE President DATE _____ 9-28-82

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

OCT 1 1982

FARMINGTON

NMOCC

BY SM

CHACE OIL COMPANY, INC.

313 Washington S.E.

Albuquerque, New Mexico 87108

(505) 266-5562



WELL PROGNOSIS

NAME OF WELL: JICARILLA 71-8

LOCATION: Unit "K" - 2310 FSL and 2310' FWL
Section 3, T23N,R4W
Rio Arriba Co., NM

PROJECTED DEPTH: 7550'

ELEVATION: 7216' GL

ESTIMATED FORMATION
TOPS:

| | |
|-----------------|-------|
| Ojo | 2500' |
| Pictured Cliffs | 2955' |
| Chacra | 3320' |
| Cliff House | 4530' |
| Point Lookout | 5040' |
| Gallup | 6155' |
| Greenhorn | 7085' |
| Dakota "A" | 7200' |
| Dakota "D" | 7330' |
| Burro Canyon | 7445' |

3-30-82:

APD submitted.

6-16-82:

APD approved.

8-15-82:

Road and pad construction commenced.

9-25-82:

Day #1. Present operation: WOC. Nipple up. Depth today: 212'.
Rotary RPM: 75. Weight on bit: 15,000#. Pressure: 1,000#. 58
strokes per minute. Deviation record: 3/4° @ 212'.
7 hours - Rig down and move
1 1/2 hours - Drill rat and mousehole
3 hours - Drill surface
1/2 hour - Circulate. Trip out.
3/4 hours - Run 8 5/8" casing.
1/2 hour - Cementing
10 3/4 hours - WOC. Nipple up.

Moved in and rigged up with Arapahoe Drilling Company. Spudded at 2:30 PM on 9-24-82. Ran 5 joints of 8 5/8" casing, 23#, K-55. Total length 212', set at 210.45 KB. Cemented with 150 sxs (270 CF) Class B cement, 3% calcium chloride, 1/4# Flocele. Circulated 5 sxs to surface. Plug down at 7:15 P. M. on 9-24-82.

9-26-82:

Day #2. Present operation: drilling. Depth today: 1354'. Formation: sand and shale. Rotary RPM: 65. Weight on bit: 35,000#. Present drilling rate: 60'. Pressure: 1,000. 60 strokes per minute. Mud vis: 29. Wt.: 9.4. W. L. : 7.0. Mud additives: 15 gel, 10 starch, 1 caustic soda, 12 bnex, 1 preservative, 1 soda ash, 20 bbls. oil, 1 thinner. Deviation record: 1/2 degree @ 708'. 3/4 degree @ 1016'. Bit #2, 7 7/8, F2. 1049', 16 hours. #3, 7 7/8, F2. 95', 1 3/4 hours.
1 hour - pressure test and trip in.
1 hour - drilling cement
17 3/4 hours - drilling
3 1/2 hours - Trip for bit, and pump repair
3/4 hour survey

9-27-82:

Day #3. Present operation: drilling. Depth today: 2777'. Formation: sand and shale. Rotary RPM: 65. Weight on bit: 35,000#. Present drilling rate: 38' per hour. Pressure: 1,000#. 60 strokes per minute. Mud vis: 31. Wt.: 8.7. W. L.: 7.0. Mud additives: 46 gel, 9 starch, 2 soda ash, 4 thinner, 1 caustic soda, 1 preservative, 40 bbls. oil. Deviation record: 1° @ 1509'; 1° @ 2066'; and 1° @ 2501'. Bit #3, 7 7/8, F2. 1516', 23 1/4 hours.
1 1/2 hours - RS - Survey
1 hour - Repair gasket on C 250.
21 1/2 hours - Drilling.

9-28-82:

Day #4. Present operation: trip for bit. Depth today: 3523'. 24 hour footage: 746'. Formation: sand and shale. Rotary RPM: 65. Weight on bit: 35,000#. No drilling rate. Pump - liner size: 5 1/2. Pressure: 1,000#. 58 strokes per minute. Mud vis: 33. Wt.: 9.0. W. L.: 6.0. Mud additives: 36 gel, 3 starch, 1 caustic soda, 3 thinner, 1 soda ash, 1 preservative, 20 barrels oil. Deviation record: 1° @ 3023'; 1 1/4° @ 3523'. Bit #3, 7 7/8", F2. 2262', 41 hours.
1/4 hour - RS
1/2 hour - Survey
17 3/4 hours - Drilling
5 1/2 hours - Trip for bit
4 loads of water.