

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" 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, New Mexico 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface Unit 'F'; 1919' FNL & 2234' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DE, FT, OR, etc.)  
7280'

5. LEASE DESIGNATION AND SERIAL NO.  
Jicarilla Contract #47

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla Tribal Cont. #47

9. WELL NO.  
47-25

10. FIELD AND POOL, OR WILDCAT  
South Lindrith, Gallup-Dakota

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
Section 14, T23N, R4W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

RECEIVED

MAY 14 1987

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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 #6

RECEIVED  
MAY 20 1987  
OIL CON. DIV.  
DIST. 3

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

SIGNED B. W. Smith

TITLE President

DATE 5/12/87

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE MAY 18 1987

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY Sm

\*See Instructions on Reverse Side

NMOCC

# CHACE OIL COMPANY, INC.

313 Washington S.E.

Albuquerque, New Mexico 87108

(505) 265-2622

## W E L L   H I S T O R Y

NAME: Chace Oil Company, Inc.  
Jicarilla Apache 47-25

LOCATION: Unit 'F'; 1919' FNL & 2234' FWL  
Section 14, T23N,R4W  
Rio Arriba County, New Mexico

ESTIMATED FORMATION TOPS:

Ojo Alamo	2477'
Picture Cliffs	2892'
Chacra	3242'
Cliff House	4442'
Point Lookout	5022'
Gallup	5722'
Tocito	6734'
Greenhorn	7037'
Dakota 'A'	7128'
Dakota 'D'	7268'
Burro Canyon	7372'

PROPOSED DEPTH: 7425'

APD SUBMITTED:

02/10/86

APD EXTENDED AND APPROVED:

02/25/87

ROAD AND PAD CONSTRUCTION COMMENCED:

04/23/87

Spudded with Arapahoe Drilling Company Rig 11 at 9:00 a.m. on 5/6/87. Ran 5 joints of 8/5/8", 24 #/ft., J-55 casing 220 ft, Set at 233 ft. KB. Cemented with 170 SKS (200.6 CF) Class B cement, 3% CaCl, 1/4 lb/sK flocele. Circulated 10 BBLs. Cement to Surface. Plug was down at 3:00 PM on 5/6/87.

## CHACE OIL COMPANY, INC.

313 Washington S.E.

Albuquerque, New Mexico 87108

Well: Jicarilla Apache 47-25Page: 2Date: 5/7/87

Day # 1. Present operation: Drilling. Depth today: 478 ft  
 24 hour footage:                     . Formation: Surface, Sand/Shale  
 Drill Collars: No: 15 Size: 6½ Weight: 35,000 Bore: 2½  
 Rotary: RPM: 80 Weight on bit: 25000-30000 Present drilling rate: 65 ft per hour  
 Pump: Liner size: 5½ in. Pressure: 1100 lb Strokes per minute: 60  
 Mud: Vis: water Wt.:                      W. L.:                       
 Mud additives last 24 hours: 25 gel, 1 lime

Deviation survey: 1 survey: ¼ degree at 233 ft  
 Bit: Run No. 1: size 12¼; type RR; ftg 233; hrs 2 3/4 - Rn 2: 7 7/8, u527  
 Break down: 2 hr mix spud mud; 245 ftg; 2½ hrs.  
1 hr drilling mouse and rat hole  
2 3/4 hr drilling surface  
¼ hr Circulate  
1 hr Survey and trip ½ hr drilling cement shoe  
1 3/4 hr run 8 5/8 in casing and float  
½ hr. cement 2½ hr. drilling formation  
12 hrs W.O.C. & nibble up; test to 600 lb OK

Date: 5/8/87

Day #: 2 Present operation: Drilling Depth today: 2,060  
 24 hour footage: 1,582 Formation: Sand/Shale  
 Drill Collars: No: 18 Size: 6 Weight: 45,000 Bore: 2½  
 Rotary: RPM: 65 Weight on bit: 28,000 Present drilling rate: 60 ft per hr.  
 Pump: Liner size: 5½ in Pressure: 11,000 lb Strokes per minute: 56  
 Mud: Vis: 34 Wt.: 8.8 W. L.: 8 cc  
 Mud additives last 24 hours: 30 gel, 1 soda ash, 12 Starch, 1 Caustic soda

Deviation survey: ½ degree- Deg. at 520ft, 3/4 Deg. at 1,019 ft,  
 Bit: 1 degree- " 1521 1 2,000  
 Break down: Run No 1, Size 7 7/8", Type V527, Footage 1827, Hrs. 24½, 1½, ¼  
22½ hrs drilling  
1½ survey  
½ Rig Service

Date: 5/9/87

Day #: 3 Present operation: Drilling Depth today: 3,085  
 24 hour footage: 1,025 Formation: Sand/Shale  
 Drill Collars: No: 18 Size: 6 Weight: 45,000 Bore: 2½  
 Rotary: RPM: 65 Weight on bit: 20,000-25,000 Present drilling rate: 40 ft per hour  
 Pump: Liner size: 5½ Pressure: 1150 lb. Strokes per minute: 56  
 Mud: Vis: 34 Wt.: 8.9+ W. L.: 7 cc  
 Mud additives last 24 hours: 3 caustic soda, 52 gel, 6 starch, 4 fiber,  
2 soda ash, 20 BO

Deviation survey: 1° at 2,000 ft, 1° at 2,992 ft  
 Bit: Run No. 2: size 7 7/8; type V527; ftg 2766; hours 38½; Run No. 3: Size 7 7/8;  
 Break down: 4 3/4 hrs. trip, tight hole Type, F2; Ftg 86; hours 3  
1/2 hr repair wash pipe  
1 1/4 hr. wash 100' to bottom  
16 1/2 hrs. drilling  
3/4 hr. survey

Well: Jicarilla Apache 47-25

Page: 3

Date: 5/10/87  
Day #: 4 Present operation: Drilling Depth today: 4,130  
24 hour footage: 1,045 Formation: Sand/Shale  
Drill Collars: No: 18 Size: 6 Weight: 45,000 lb. Bore: 2 1/4  
Rotary: RPM: 60 Weight on bit: 35,000 Present drilling rate: 46  
Pump: Liner size: 5 1/2 Pressure: 1,200 lb. Strokes per minute: 52  
Mud: Vis: 35 Wt.: 9.0 W. L.: 8cc  
Mud additives last 24 hours: 35 gel; 25 BO; 3 caustic soda; 3 soda ash; 5 gal.  
preservatives  
Deviation survey: no survey  
Bit: Run No. 3: size 7 7/8, Type F2; ftg. 1,131, 27 hours  
Break down: 23 3/4 hours Drilling  
1/4 hours rig service

Date: 5/11/87  
Day #: 5 Present operation: Drilling Depth today: 5,055  
24 hour footage: 925 Formation: Sand/Shale  
Drill Collars: No: 18 Size: 6 Weight: 45,000 lb. Bore: 2 1/4  
Rotary: RPM: 60 Weight on bit: 40 Present drilling rate: 34  
Pump: Liner size: 5 1/2 Pressure: 1,200 lb. Strokes per minute: 52  
Mud: Vis: 35 Wt.: 9.0 W. L.: 8 cc  
Mud additives last 24 hours: 63 gel, 20 BO, 2 caustic soda, 4 soda ash, 5 gal  
preservatives  
Deviation survey: 1° at 4, 165ft., 1° at 4, 667 ft.  
Bit: Run No. 3: Size 7 7/8; Type, F2; ftg. 2, 056; hours 50 1/4  
Break down: 23 1/4 hours Drilling  
1/4 rig service, check BOP  
1/2 hour surveys

Date: 5/12/87  
Day #: 6 Present operation: Working on #1 draw/works motor Depth today: 5346  
24 hour footage: 291 Formation: sand and shale  
Drill Collars: No: 18 Size: 6" Weight: 45,000 lb Bore: 2 1/4  
Rotary: RPM: 60 Weight on bit: 40,000 lbs. Present drilling rate: ----  
Pump: Liner size: 5 1/2 Pressure: 1,200 Strokes per minute: 52  
Mud: Vis: 40 Wt.: 9.1 W. L.: 6  
Mud additives last 24 hours: 50 gel, 2 caustic soda, 1 soda ash, 10 fiber, 20 BO  
Deviation survey: 1 1/2° at 5087 ft.; 1° at 5346 ft.  
Bit: Run No. 3: Size 7 7/8; Type F2; Ftg. 2,088; hours 51 1/2 Run NO. 4: Size 7 7/8; Type  
Break down: 9 1/2, trips FP52 RR; Ftg. 259'; hours 12 1/2  
11 1/2, drilling  
1 1/2, rig repair  
1/2 break circulation 20 stds in  
3/4, ream and wash 50' to bottom  
1/2, surveys