Form: 2160-5 (November 16-3) (Formerly 9-331) DEPARTMENT OF THE INTERIOR verse side)	Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE BESTONATION AND STRIAL NO.
BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS	Jicarilla Contract #47 6. D INGIAN, ALLOTTES ON TRIBE NAME
(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.)	Jicarilla Apache
OIL X GAS WELL OTHER 2. NAME OF OPERATOR	S. PARM OR LEASE WAVE
Chace Oil Company, Inc. 3. Address of Offsator 313 Washington SE, Albuquerque, NM 87108 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface MAY 27 1987	Jicarilla Tribal Cont. #47 9. WHALE NO. 47-33 10. FIRES AND POOL, OR WILDCAT S. Lindrith, Gallup-Dakota
Unit 'N'; 661' FSL & 1979' FWL BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA	Section 12. T23N.R4W
14. PERMIT NO	Rio Arriba New Mexico
16 Check Appropriate Box To Indicate Nature of Notice, Report, of	
	SEQUENT REPORT OF:
TEST WATER SHUT-OFF PRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE REPAIR WELL (Other) PULL OR ALTER CASING WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	REPAIRING WELL ALTERING CABING ABANDONMENT® Sults of multiple completion on Well completion Report and Log form.)
See Well History attached, Day 4 through Day 6	
MAY 2	9 1987.
Oil Co Dis	N. DIV.) T. 3
18. I bereby certify that the foregoing is true and correct SIGNED	DATE May 26, 1987
(This space for Federal or State office use)	ACCEPTED FOR REPORTS
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	MAT 25 ISU7

FARAMINOTUM N. SOUNGE AREA

Well: Jicarilla Apache 47-33 Albuquerque, New Mexico 87 Page: Date: May 22, 1987 Date: May 22, 1987

Day # 4 . Present operation: drilling . Depth today: 3360

24 hour footage: 510 . Formation: sand and shale

Drill Collars: No: 18 Size: 6 3/8 Weight: 45000# Bore: 24

Rotary: RPM: 65 Weight on bit: 35000# Present drilling rate: 40 ft/hr.

Pump: Liner size: 5½ Pressure: 1200# Strokes per minute: 52

Mud: Vis: 38 Wt.: 9.2 W. L.: 6

Mud additives last 24 hours: 24 gel; 2 soda ash; 1 caustic soda; 1 thinner

1 starch; 20 BO Deviation survey: 1° @ 2923 Bit: _____ Run #2: Size 7 7/8, Type V527, Ftg. 2687', hours, 44 Run #3: Size 7 7/8 Break down: 5 survey & trip Type, F2, Ftg. 337', hours 114 5 trip for plugged bit 3/4 washing 100' to bottom 13 1/4 drilling Date: <u>May 23, 1987</u> Day #: 5 Present operation: drilling Depth today: 4290' 24 hour footage: 930' Formation: sand and shale

Drill Collars: No: 18 Size: 6 3/8 Weight: 40,000# Bore: 24

Rotary: RPM: 65 Weight on bit: 35,000# Present drilling rate: 35 ft./hr.

Pump: Liner size: 5½ Pressure: 1200# Strokes per minute: 54

Mud: Vis: 37 Wt.: 9.3 W. L.: 6

Mud additives last 24 hours: 40 gel; 3 soda ash; 3 caustic soda; 1 thinner;

2 starch; 20 BO Deviation survey: $1\frac{1}{4}$ ° @ 3460' $1\frac{1}{2}$ ° @ 4110' Bit: Run #3: Size 7/78; Type F2; Ftg. 1367'; hours 34% Break down: 1/2 rig service and surveys 1/2 surveys 23 drilling Date: May 24, 1987 Day #: 6 Present operation: drilling Depth today: 4765'

24 hour footage: 475' Formation: sand and shale

Drill Collars: No: 18 Size: 6 3/8 Weight: 45,000 # Bore: 24

Rotary: RPM: 60 Weight on bit: 35,000# Present drilling rate: 30 ft./hr.

Pump: Liner size: 5½ Pressure: 1200# Strokes per minute: 52

Mud: Vis: 46 Wt.: 9.3 W. L.:

Mud additives last 24 hours: 71 gel; 40 BO; 4 thinner; 9 starch; 2 caustic

soda; 3 soda ash soda; 3 soda ash Deviation survey: 1° @ 4723' Bit: Run #3: Size 7 7/8, Type F2, Ftg. 1800' Hours 48 Run #4: Size 7 7/8 Break down: 1/2 rig service and repair Type, V537; Ftg. 42, Hours 2 7 3/4 survey, trip and wash to bottom 15 3/4 drilling