

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #47	
2. NAME OF OPERATOR Chace Oil Company, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
3. ADDRESS OF OPERATOR 313 Washington SE, Albuquerque, NM 87108		7. UNIT AGREEMENT NAME Jicarilla Tribal Cont. #47	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit 'C', 448' FNL & 1655' FWL		8. WELL NO. 47-45	
10. FIELD AND POOL, OR WILDCAT South Lindrith Gallup Dakota		11. SEC., T., R., N., OR S.W. AND SUBVY OR AREA Section 12, T23N, R4W	
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, ST, CM, etc.) 7376' GR	

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DEC 02 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

16. 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 COMPLETE ☐
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 names pertinent to this work.)*

See Well History attached, Day #4 through Day #13.

RECEIVED

DEC 10 1986

OIL CON. DIV./
DIST. 3

ACCEPTED FOR RECORD

DEC 09 1986

FARMINGTON RESOURCE AREA

BY: 22913

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

SIGNED D. W. Miller

TITLE President

DATE 12/1/86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

NMOCC

Well: Jicarilla Apache 47-45 CHACE OIL COMPANY, INC.
313 Washington S.E.
Albuquerque, New Mexico 87108

Page: 3

Date: 11/22/86
Day #: 4 Present operation: Drlg Depth today: 3547
24 hour footage: 767' Formation: Sand & shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 80 Weight on bit: 40,000 Present drilling rate: 50-60'/hour
Pump: Liner size: 5 1/2 Pressure: 1500 Strokes per minute: 58
Mud: Vis: 36 Wt.: 8.9 W. L.: 6.0
Mud additives last 24 hours: 65 gel, 6 starch, 3 soda ash, 3 caustic soda,
3 lignite, 5 gal. preservatives, 10 lcm, 30bbls oil
Deviation survey: 3/4° @ 2740'; 1/4° @ 2906'; 1/2° @ 3433'
Bit: #2: 7 7/8", V527, 2675', 42 1/4 hours #3: 7 7/8", ATJ22, 641', 17 1/2 hrs
Break down: 1/4 hr rig service
1 hr surveys
2 3/4 hr bit trip
20 hrs drlg

Date: 11/23/86
Day #: 5 Present operation: Drlg Depth today: 4184'
24 hour footage: 637' Formation: Sand & shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 54,000# Bore: 2 1/4
Rotary: RPM: 62 Weight on bit: 40,000 Present drilling rate: 28
Pump: Liner size: 5 1/2 Pressure: 1600 Strokes per minute: 58
Mud: Vis: 35 Wt.: 9.0 W. L.: 6.0
Mud additives last 24 hours: 47 gel, 6 starch, 2 soda ash, 2 caustic soda,
2 lignite, 5 gal preservatives, 6 lcm, 30 bbls oil
Deviation survey: 1/2° @ 3964'
Bit: #3; 7 7/8", ATJ22, 1278', 40 1/4 hrs
Break down: 1/4 hour rig service
1/2 hour surveys
1/4 hour rig repair
23 hours drlg

Date: 11/24/86
Day #: 6 Present operation: Drlg Depth today: 4790'
24 hour footage: 606' Formation: Sand & Shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 62 Weight on bit: 40,000 Present drilling rate: 20'/hour
Pump: Liner size: 5 1/2 Pressure: 1600 Strokes per minute: 56
Mud: Vis: 36 Wt.: 9 W. L.: 6
Mud additives last 24 hours: 52 gel, 6 starch, 2 1/2 soda ash, 3 caustic soda,
2 lignite, 5 gal. preservatives, 6 LCM, 30 bbls oil
Deviation survey: 3/4° @ 4496'
Bit: #3; 7 7/8", ATJ22, 1884', 64 hours
Break down: 1/4 hour rig service
1/4 hour surveys
23 1/2 hours drlg

Well: Jicarilla Apache 47-45

CHILE DRILL COMPANY, INC.

313 Washington St.

Albuquerque, New Mexico 87101

Page: 4Date: 11/25/86

Day # 7 . Present operation: Drlg . Depth today: 5266'
24 hour footage: 476' Formation: Sand & Shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 60 Weight on bit: 40,000# Present drilling rate: 26-28'/hour
Pump: Liner size: 5 1/2 Pressure: 1750 Strokes per minute: 54
Mud: Vis: 37 Wt.: 9.0 W. L.: 6.0
Mud additives last 24 hours: 39 gel, 8 starch, 2 soda ash, 3 caustic soda, 3 lignite
3 gal. preservatives, 4 LCM, 40 bbls oil

Deviation survey: 1/2° @ 4794'Bit: #3; 7 7/8", ATJ22, 1880', 64 1/4 hours #4; 7 7/8", V527, 472', 17 3/4 hours

Break down:	<u>4 1/4 hours</u>	<u>Survey trip</u>
	<u>1 1/4 hours</u>	<u>Bit trip</u>
	<u>1/2 hour</u>	<u>butane trip</u>
	<u>18 hours</u>	<u>Drlg</u>

Date: 11/26/86

(6:00 a.m.)

Day #: 8 Present operation: Making a trip Depth today: 5520'
24 hour footage: 254' Formation: Sand & Shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 62 Weight on bit: 35,000# Present drilling rate: NONE
Pump: Liner size: 5 1/2 Pressure: 1400 Strokes per minute: 56
Mud: Vis: 39 Wt.: 9.1 W. L.: 6.0
Mud additives last 24 hours: 34 gel, 9 starch, 3 caustic soda, 2 1/2 soda ash,
1 lignite, 5 gal. preservatives, 40 bbls oil

Deviation survey: 1° @ 5428'Bit: #4; 7 7/8", v527, 634', 26 3/4 hours nose cone in hole:

Break down:	<u>1/4 hour</u>	<u>rig service</u>	Bit: <u>#5; 7 7/8", ATJ22, 92', 5hrs</u>
	<u>5 1/4 hours</u>	<u>survey & trip</u>	<u>rerun on bit #3</u>
	<u>1/2 hour</u>	<u>washing & remming junk</u>	<u>#6; 7 7/8", RP19B</u>
	<u>14 hours</u>	<u>Drlg</u>	
	<u>4 hours</u>	<u>bit trip</u>	

Date: 11/27/86

Day #: 9 Present operation: drilling Depth today: 6343'
24 hour footage: 823' Formation: sand and shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 68 Weight on bit: 8-12,000# Present drilling rate: 35-40'/hour
Pump: Liner size: 5 1/2 Pressure: 1,500 Strokes per minute: 64
Mud: Vis: 44 Wt.: 9.4 W. L.: 6.0 8% LCM
Mud additives last 24 hours: 25 gel, 3 starch, 2 soda ash, 1 caustic soda, 2 lignite,
5 preservatives, 230 LCM, 50 bbls oil

Deviation survey: 1 1/4° @ 5945'Bit: #6; 7 7/8", RP19B; 823', 22 1/4 hours

Break down:	<u>1/4 hours</u>	<u>Washing 24' to bottom</u>
	<u>1/4 hours</u>	<u>Rig service - Check BOP</u>
	<u>1/4 hours</u>	<u>Adjust brakes</u>
	<u>1 hour</u>	<u>Survey</u>
	<u>22 1/4 hours</u>	<u>Drilling</u>

Well: Jicarilla Apache 47-45

CHACE OIL COMPANY, INC.

Page: 5313 Washington S.E.
Albuquerque, New Mexico 87108Date: 11/28/86

Day # 10 Present operation: drilling Depth today: 6442'
24 hour footage: 99' Formation: sand and shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 68 Weight on bit: 12,000# Present drilling rate: 18-20'/hour
Pump: Liner size: 5 1/2 Pressure: 1,500# Strokes per minute: 64
Mud: Vis: 60 Wt.: 9.1 W. L.: 6.0 LCM: 15%
Mud additives last 24 hours: 141 gel, 9 starch, 2 1/4 soda ash, 3 caustic soda,
1 lignite, 380 LCM

Deviation survey: NoneBit: #6: 7 7/8", RP19B; 922', 28 hours

Break down: 4 hours Pull 10 stands, mix mud; lost circulation
10 hours Trip out; unplug drill collars and shock sub
3 1/2 hours Trip in
3/4 hours Wash to bottom
5 3/4 hours Drilling

Date: 11/29/86

Day #: 11 Present operation: drilling Depth today: 7006'
24 hour footage: 545' Formation: sand and shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 64 Weight on bit: 10-28,000# Present drilling rate: 10-30'/hour
Pump: Liner size: 5 1/2 Pressure: 1,400 Strokes per minute: 54
Mud: Vis: 45 Wt.: 9.1 W. L.: None given LCM: 10%
Mud additives last 24 hours: 24 gel, 75 LCM, 3 lignite, 3 soda ash, 3 caustic soda,
3 desko, 7 starch, 5 preservatives, 35 bbls oil

Deviation survey: 1° @ 6489'Bit: #6: 7 7/8", RP19B; 1467', 51 hours

Break down: 23 hours Drilling
1/4 hours Rig service
3/4 hours Survey

Date: 11/30/86

Day #: 12 Present operation: drilling Depth today: 7155'
24 hour footage: 149' Formation: Sand and shale
Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4
Rotary: RPM: 56 Weight on bit: 40,000# Present drilling rate: 15'/hour
Pump: Liner size: 5 1/2 Pressure: 1,650 Strokes per minute: 52
Mud: Vis: 50 Wt.: 9.1 W. L.: 6.0 LCM: 8%
Mud additives last 24 hours: 18 gel, 2 lignite, 2 soda ash, 2 caustic soda,
6 starch, 1 desko, 8 bar, 1 preservatives, 45 bbls oil

Deviation survey: 1 3/4° @ 7018'Bit: #6: 7 7/8", RP19B; 1526', 56 1/2 hours - #7: 7 7/8", V617; 109', 7 1/4 hours

Break down: 1/4 hours Rig service, check BOP
12 3/4 hours Drilling
4 1/4 hours Trip and survey - Strap the pipe, no correction.
4 1/2 hours Trip in to 3000'; try to break circulation; bottom hole
collar plugged; trip out and unplug bottom hole collar
2 1/4 hours Trip in. Broke at 800'; broke on bottom. Had to wash
740' to bottom.

Well: Jicarilla Apache 47-45

CHACE OIL COMPANY, INC.

Page: 6

313 Washington S.E.

Albuquerque, New Mexico 87108

Date: 12/1/86

Day # 13 . Present operation: drilling . Depth today: 7455'

24 hour footage: 300' . Formation: Dakota

Drill Collars: No: 21 Size: 6 1/8 Weight: 52,000# Bore: 2 1/4

Rotary: RPM: 50 Weight on bit: 45,000# Present drilling rate: 11'/hour

Pump: Liner size: 5 1/2 Pressure: 1,300# Strokes per minute: 42

Mud: Vis: 54 Wt.: 9.1 W. L.: 6.0 LCM 8%

Mud additives last 24 hours: 48 gel, 3 caustic soda, 4 lignite, 3 desko, 20 bbls oil
4 soda ash, 7 starch, 160 cedar fiber, 1 preservative

Deviation survey: None

Bit: #7: 7 7/8", V617; 409' 30 hours

Break down: 1/4 hour Rig service - Check BOP
1 hour Change swab in the pump
22 3/4 hours Drilling

Date: _____

Day #: _____ Present operation: _____ Depth today: _____

24 hour footage: _____ Formation: _____

Drill Collars: No: _____ Size: _____ Weight: _____

Rotary: RPM: _____ Weight on bit: _____ Present drilling rate: _____

Pump: Liner size: _____ Pressure: _____ Strokes per minute: _____

Mud: Vis: _____ Wt.: _____ W. L.: _____

Mud additives last 24 hours: _____

Deviation survey: _____

Bit: _____

Break down: _____

Date: _____

Day #: _____ Present operation: _____ Depth today: _____

24 hour footage: _____ Formation: _____

Drill Collars: No: _____ Size: _____ Weight: _____

Rotary: RPM: _____ Weight on bit: _____ Present drilling rate: _____

Pump: Liner size: _____ Pressure: _____ Strokes per minute: _____

Mud: Vis: _____ Wt.: _____ W. L.: _____

Mud additives last 24 hours: _____

Deviation survey: _____

Bit: _____

Break down: _____