Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse 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 [X] 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 and in accordance with any State requirements.* See also space 17 below.) At surface: Unit 'K', 2192' FSL & 2047' FWL

RECEIVED
JAN 31 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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.: 47-10

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

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

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7354' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(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
Page 8 through page 13.

RECEIVED
FEB 10 1986
OIL CON. DIV.
DIST. 3

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

SIGNED D. W. Miller TITLE President DATE 1/30/86

ACCEPTED FOR RECORD
FEB 06 1986
FARMINGTON RESOURCE AREA
BY

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Well: Jicarilla Apache 47-10 CHACE OIL COMPANY, INC. Page: 8

313 Washington S.E.
Albuquerque, New Mexico 87108

Date: 1/11/86
Day # 19. Present operation: _____. Depth today: 7602' TD
24 hour footage: _____. Formation: _____
Drill Collars: No: ____ Size: _____ Weight: _____ Bore: _____
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:

1/2 hour	lay down drill collars
4 1/2 hours	run casing
2 1/4 hours	rig up and circulate
1 1/2 hours	cement 1st stage
3 hours	open D. V. tool and circulate
1 1/4 hours	cement 2nd stage
4 hours	nipple down
7 hours	rig down

RIG RELEASED AT 11:00 p.m. 1/10/86

Ran 196 joints of 4 1/2", 11.6 lb/ft, N-80 casing set at 7602' KB. Guide shoe at 7601' KB. Float collar at 7559'. D. V. tool at 3199'. Cement baskets at 6865', 4948', 4593', 1950'. First stage: pumped 10 bbls Flo-chek 21. Cemented 1st stage with 1150 sks (1646 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt. Plug down at 3:47 p.m. Opened D. V. tool. Circulated upper stage 3 hours. Second stage: pumped 10 bbls Flo-chek 21. Cemented 2nd stage with 550 sks (1166 CF) 65/35 pozmix, 6% gel, 12 1/4 lb/sk Gilsonite. Tailed in with 50 sks (59 CF) Class B neat. Plug down at 6:52 p.m. on 1/10/86. Circulated 3 bbls cement to surface.

1/16/86:

Move in. Rig up.
Pick up 2 3/8" tubing with 3 7/8" rock bit.
Drill out D. V. tool at 3199' KB.
Circulate casing clean. Shut down for the night.

1/17/86:

Pick up remaining tubing. Clean out casing to float collar at 7559' KB.
Shut down for weekend.

1/20/86:

7:45 a.m. Pressure test casing to 4000 PSI.
Circulate casing with 2% Kcl water.
Spot 250 gal 7 1/2% acetic acid from 7481' KB up hole.

8:55 a.m. Trip out of hole with tubing.

Rig up loggers. Loggers' T. D. = 7548'

Jicarilla Apache 47-10 Completion Procedure:

Run CBL and correlation log from
T. D. to 5900' KB
5500' - 5150' KB
3250' - 2900' KB

2:10 p.m. Perforate Dakota 'D' zone at:

7452', 7454', 7457', 7460', 7463', 7466', 7472', 7475',
7478', 7481', 4 SPF, 40 holes.

2:30 p.m. Break down Dakota 'D' perfs:

Broke at 2200 PSI.
Establish rate 50 BPM @ 3200 PSI
Shut down. ISIP = 1000 PSI.
Start balls. 2 balls/bbl for 35 bbls @ 10 BPM (Total of 70 balls)
Increase rate to 42 BPM @ 2500 PSI
Have ball off at 4200 PSI

Go in hole with junk basket. Recovered 70 balls.

3:35 p.m.	Start pad.	56 BPM @ 3500 PSI
3:45 p.m.	Start 1/2 lb/gal sand	55 BPM @ 3400 PSI.
3:47 p.m.	1/2 lb/gal sand on formation	52 BPM @ 3400 PSI
3:48 p.m.	Start 1 lb/gal sand	51 BPM @ 3100 PSI
3:50 p.m.	1 lb/gal sand on formation	52 BPM @ 3150 PSI
4:00 p.m.	Start 1 1/2 lb/gal sand	50 BPM @ 3300 PSI
4:02 p.m.	1 1/2 lb/gal sand on formation	51 BPM @ 3300 PSI
4:07 p.m.	On 1 1/2 lb sand	46 BPM @ 3400 PSI
4:20 p.m.	On 1 1/2 lb/sand	45 BPM @ 3200 PSI
4:22 p.m.	Cut sand. Go to flush	

4:24 p.m. Flush away. Shut down.
ISIP = 1400 PSI
5 min = 1225 PSI
10 min = 1175 PSI
15 min = 1150 PSI

Total sand = 81,550 lbs

Total water = 2,300 bbls

5:12 p.m. Set Howco bridge plug at 7385' KB.

5:33 p.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing.
Spot 300 gal 7 1/2% Hcl from 7340' up hole.

11:30 p.m. Perforate Tocito at:

7006', 7008', 7010', 3 SPF, 9 holes.

Perforate Greenhorn at:

7187', 7206', 7215', 7218', 7221', 7224', 7233', 7238', 3 SPF, 24 holes.

1/21/86:

12:05 a.m. Perforate Dakota 'A' at:

7293', 7295', 7297', 7299', 7301', 7303', 7305', 7307', 7309',

7340', 3 SPF, 30 holes.

1:05 a.m. Break down perforations.

Broke at 1800 PSI.

Establish rate 46 BPM @ 3600 PSI

Shut down. ISIP = 1400 PSI.

Start balls. 3 balls/bbl for 33 bbls (Total of 100 balls)

Increase rate to 38 BPM @ 2250 PSI

No ball off.

Go in hole with junk basket. Recover 99 balls.

2:14 a.m. Start pad. 60 BPM @ 3300 PSI

2:18 a.m. On pad. 42 BPM @ 3300 PSI

2:22 a.m. Start 1/2 lb/gal sand 51 BPM @ 3400 PSI

2:24 a.m. 1/2 lb/gal sand on formation 51 BPM @ 3300 PSI

2:26 a.m. Start 1 lb/gal sand 50 1/2 BPM @ 3200 PSI

2:28 a.m. 1 lb/gal sand on formation 51 BPM @ 3100 PSI

2:38 a.m.	Start 1 1/4 lb/gal sand	50 BPM @ 3200 PSI
2:40 a.m.	1 1/4 lb/gal sand on formation	50 BPM @ 3225 PSI
2:45 a.m.	On 1 1/4 lb/gal sand	50 BPM @ 3400 PSI
2:47 a.m.	Go back to 1 lb/gal sand	48 BPM @ 3600 PSI
2:49 a.m.	1 lb/gal sand on formation	46 BPM @ 3650 PSI
2:58 a.m.	On 1 lb/gal sand	46 BPM @ 3625 PSI
3:00 a.m.	Cut sand. Go to flush	42 BPM @ 3800 PSI

3:03 a.m. Flush away. Shut down.
ISIP = 1900 PSI
5 min = 1750 PSI
10 min = 1700 PSI
15 min = 1650 PSI

Total sand = 75,900 lbs

Total water = 2,300 bbls

Go in hole with Baker bridge plug.

4:00 a.m. Set plug at 6555' KB.

4:21 a.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing.

Spot 450 gal 7 1/2% Hcl from 6505' up hole.

Trip out of hole with tubing.

Perforate Gallup zone at:

9:30 a.m. 5967', 5990', 6033', 6037', 6039', 6041', 6051', 6053', 6086', 6090', 6093'.

10:05 a.m. 6095', 6100', 6142', 6154', 6194', 6240', 6257', 6280', 6291', 6323',

10:30 a.m. 6327', 6329', 6398', 6403', 6430', 6432', 6434', 6439', 6441', 6444',

6505', 3 SPF, 96 holes.

10:47 a.m. Break down Gallup perforations.

Broke at 850 PSI.

	Establish rate	59 1/2 BPM @ 3100 PSI
	Shut down. ISIP = 450 PSI	
10:50 a.m.	Start balls. 4 balls/bbl for 37 1/2 bbls at 12 BPM at 600 PSI.	
	Total of 150 balls.	
	Increase rate to	40 BPM @ 1600 PSI.
	Have good ball action at	30 BPM @ 2500 PSI
	Pressure increased to 3000 PSI.	
	No ball off.	
	Recover 148 balls.	
	Gallup frac:	
11:54 a.m.	Start pad.	69 BPM @ 3575 PSI.
12:01 p.m.	On pad	68 BPM @ 3000 PSI
12:02 p.m.	Start 1/2 lb/gal sand	74 BPM @ 3200 PSI.
12:03 p.m.	1/2 lb/gal sand on formation	76 BPM @ 3200 PSI.
12:05 p.m.	Start 1 lb/gal sand	77 BPM @ 3175 PSI.
12:06 p.m.	1 lb/gal sand on formation	77 BPM @ 3150 PSI
12:15 p.m.	On 1 lb/gal sand	77 1/2 BPM @ 3100 PSI
12:21 p.m.	Start 1 1/2 lb/gal sand	75 BPM @ 3100 PSI
12:22 p.m.	1 1/2 lb/gal sand on formation	77 BPM @ 2950 PSI
12:25 p.m.	On 1 1/2 lb/gal sand	74 BPM @ 3200 PSI
12:32 p.m.	On 1 1/2 lb/gal sand	74 BPM @ 3225 PSI
12:36 p.m.	Cut sand. Go to flush.	
12:37 p.m.	Flush away. Shut down. ISIP = 400 PSI 5 min = 375 PSI 10 min = 325 PSI 15 min = 300 PSI	

Total sand = 125,000 lbs.

Total water = 3,400 bbls.

3:00 p.m. Open well up. Flow Gallup formation back.

Go in hole with tubing and retrieving head.

Retrieve Baker bridge plug set at 6555' KB.

1/22/86:

Mill up Howco bridge plug at 7385' KB. Clean out casing to float collar at 7559' KB.

Land 229 joints of 2 3/8" tubing with seating nipple and 4' perforated sub below seating nipple, and a 32' tail joint below perforated sub.

Seating nipple at 7351' KB.

End of tubing at 7387' KB.