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.)

RECEIVED
JUN 14 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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 'D' - 510' FNL & 560' FWL

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 Contract #47

9. WELL NO.: #17

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 13, T23N, R4W

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7322' 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 - 5/31/85 through 6/5/85.

RECEIVED
JUN 18 1985
OIL CON. DIV.
DIST. 3

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

SIGNED D. W. Miller TITLE President DATE June 12, 1985

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE JUN 17 1985

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA
BY

*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.

Jicarilla Apache 47-17 Well

5/31/85: Drill out D. V. tool at 3152' KB.

Drill out cement to float collar at 7435' KB.

6/3/85:

7:40 a.m. Pressure test casing to 4000 PSI.
Circulate casing with 2% Kcl water.
Spot 250 gal. 7 1/2% acetic acid from 7374' up hole.
Trip out of hole with tubing.

10:50 a.m. Start in hole with logging tools; logger's TD is 7430'.
Run cement bond log and correlation log from TD to 5800'.
5350'-4950'
3200'-2850'

1:55 p.m. Perforate Dakota 'D' zone at:
7352', 7354', 7356', 7358', 7362', 7364', 7366', 7368', 7370', 7372', 7374', 4 SPF, 44 holes.

2:10 p.m. Break down Dakota 'D' perfs.
Broke at 2800 PSI.
Establish rate. 34 BPM @ 3800 PSI
Shut down. ISIP = 900 PSI.
Drop 2 balls/bbl for 33 bbls. Total of 66 balls.
Increase rate to 46 BPM @ 3000 PSI.
Have ball off at 4000 PSI.
Surge balls off perforations.
Go in hole with junk basket. Recover 18 balls.

DAKOTA 'D' FRAC:

3:15 p.m.	Start pad.	52 BPM @ 3600 PSI
	Leak on well head. Shut down. ISIP = 1300 PSI	
3:20 p.m.	Start pad.	52 BPM @ 3600 PSI
	Start 1/2 lb/gal sand	50 BPM @ 3800 PSI
3:29 p.m.	1/2 lb/gal sand on formation	50 BPM @ 3700 PSI
3:30 p.m.	Start 1 lb/gal sand	50 BPM @ 3700 PSI
3:32 p.m.	1 lb/gal sand on formation	51 BPM @ 3450 PSI
3:43 p.m.	Start 1 1/2 lb/gal	51 BPM @ 3400 PSI
3:45 p.m.	1 1/2 lb/gal sand on formation	51 BPM @ 3400 PSI

3:53 p.m. Pressure at 3950 PSI. Go to 1 lb/gal sand.

4:00 p.m. Sand off Dakota 'D' perfs at 1814 bbls slurry away.
Flow sand plug back.

4:08 p.m. Start pad 36 BPM @ 3600 PSI.
At 200 bbls pad away start 1 lb/gal sand.

4:22 p.m. Cut sand. Go to flush at 37 BPM @ 3450 PSI

4:26 p.m. Flush away. Shut down.
ISIP = 1850 PSI.
5 min = 1550 PSI.
10 min = 1475 PSI
15 min = 1400 PSI
Total sand = 67,700 lbs
Total fluid = 2,600 bbls

5:30 p.m. Set EZ drill bridge plug at 7270' KB.

5:46 p.m. Pressure test plug to 4000 PSI.
Trip in hole with tubing. Spot 300 gal 7 1/2% Hcl from 7210' up hole.

9:50 p.m. Perforate Tocito at:
6924', 6926', 6928', 3 SPF, 9 holes.
Perforate Greenhorn at:
7114', 7117', 7124', 7127', 7130', 7134', 3 SPF, 30 holes.

10:25 p.m. Perforate Dakota 'A' zone at:
7192', 7194', 7196', 7198', 7200', 7202', 7204', 7206', 7208', 7210', 3 SPF, 30 holes.
Break down Dakota, Greenhorn, and Tocito perfs.
Broke at 2800 PSI.
Establish rate. 36 BPM @ 3800 PSI.
Shut down. ISIP = 1250 PSI.
Start balls. 3 balls/bbl for 30 bbls.
Increase rate to 41 BPM @ 3800 PSI.
Have ball off at 3900 PSI.
Surge balls off perforations.
Go in hole with junk basket. Recover 90 balls.

DAKOTA 'A', GREENHORN, AND TOCITO FRAC:

11:40 p.m. Start pad. 49 BPM @ 3800 PSI.
On pad 50 BPM @ 3700 PSI.

11:50 p.m. Start 1/2 lb/gal sand 50 BPM @ 3800 PSI.

11:52 p.m.	1/2 lb/gal sand on formation	50 BPM @ 3750 PSI.
11:53 p.m.	Start 1 lb/gal sand	50 BPM @ 3750 PSI.
11:55 p.m.	1 lb/gal sand on formation	50 BPM @ 3600 PSI.

6/1/85:

12:05 a.m.	Start 1 1/2 lb/gal sand	50 BPM @ 3500 PSI.
12:07 a.m.	1 1/2 lb/gal sand on formation	43 BPM @ 3150 PSI.
	Shut pump down due to a leak,	43 BPM @ 3150 PSI.
12:14 a.m.	On 1 1/2 lb/gal sand	43 BPM @ 3150 PSI.
	On 1 1/2 lb/gal sand	44 BPM @ 3400 PSI.

6/4/85:

12:28 a.m.	Cut sand. Go to flush.	44 BPM @ 3250 PSI.
12:32 a.m.	Flush away. Shut down.	
	ISIP = 1850 PSI.	
	5 min = 1700 PSI	
	10 min = 1625 PSI	
	Total sand = 90,000 lbs	
	Total fluid = 2,500 bbls	
1:20 a.m.	Set bridge plug at 6392'.	
1:40 a.m.	Pressure test plug to 4000 PSI.	
	Trip in hole with tubing. Spot 400 gal 7 1/2% Hcl from 6345' up hole.	
5:30 a.m.	Perforate Gallup zone at: 6202', 6206', 6208', 6210', 6212', 6214', 6216', 6218', 6220', 6222', 6224', 3 SPF, 33 holes.	
6:00 a.m.	Perforate Gallup zone at: 6226', 6228', 6230', 6232', 6238', 6240', 6242', 6244', 6246', 6248', 6250', 33 SPF, 33 holes.	
6:30 a.m.	Perforate Gallup at: 6252', 6254', 6301', 6303', 6305', 6334', 6337', 6339', 6341', 6343', 6345', 3 SPF, 33 holes.	
	Total of 99 holes.	
7:14 a.m.	Break down Gallup perfs.	

	Broke at 1800 PSI.	
	Establish rate	76 BPM @ 3600 PSI.
	Shut down. ISIP = 550 PSI.	
7:17 a.m.	Start balls. 4 balls/bbl for 40 bbls.	
	Increase rate to	60 BPM @ 2500 PSI
	Have ball off at 4000 PSI.	
	Surge balls off perforations.	
	Go in hole with junk basket. Recover balls.	
	Go in hole with packer.	
11:30 a.m.	Set packer at 6103' KB. (97 stands)	
12:00 p.m.	Rig broke down. Wait on SOS.	
7:45 p.m.	Rig repaired. Make first swab run.	
	Make 2 more swab runs when sand line begins to fray.	
	Rig down swab.	

GALLUP FRAC:

10:38 p.m.	Start pad.	81 BPM @ 3600 PSI.
10:46 p.m.	Start 1/2 lb/gal sand	80 BPM @ 3600 PSI.
10:48 p.m.	1/2 lb/gal sand on formation	81 BPM @ 3600 PSI.
10:49 p.m.	Start 1 lb/gal sand	81 BPM @ 3600 PSI.
10:50 p.m.	1 lb/gal sand on formation	80 BPM @ 3600 PSI.
10:52 p.m.	On 1 lb/gal sand	75 BPM @ 3800 PSI.
10:53 p.m.		70 BPM @ 3850 PSI.
11:04 p.m.	Start 1 1/2 lb/gal sand	71 BPM @ 3775 PSI.
11:05 p.m.	1 1/2 lb/gal sand on formation	72 BPM @ 3775 PSI.
11:12 p.m.	On 1 1/2 lb/gal sand	72 BPM @ 3650 PSI.
11:20 p.m.	Cut sand. Go to flush.	72 BPM @ 3700 PSI.
	Flush away. Shut down.	
	ISIP = 475 PSI.	
	5 min = 425 PSI.	
	10 min = 400 PSI.	
	15 min = 390 PSI.	
	Total sand = 125,000 lbs.	
	Total fluid = 3,400 bbls.	

6/5/85:

3:00 a.m. Open well up. Flow Gallup back.
Retrieve Baker bridge plug set at 6390' KB.
Drill up Howco bridge plug set at 7260' KB.
Clean out casing to 7435' KB.
Land 232 joints of 2 3/8" tubing with seating nipple at 7295.77' KB, with a 4' perforated sub and a 32' tail joint below seating nipple.
End of tubing at 7331.52'.