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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chace Oil Company, Inc.

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

3. ADDRESS OF OPERATOR: 313 Washington SE, Albuquerque, NM 87108

9. WELL NO.: #7-28

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: Unit 'L'; 1853' FSL & 474' FWL

RECEIVED
DEC 05 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 12, T23N,R4W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7445' GR

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

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, 11/21/86 through 11/25/86.

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

ACCEPTED FOR RECORD
DEC 09 1986
FARMINGTON RESOURCE AREA
BY [illegible]

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

SIGNED D.W. Mellon TITLE President DATE 12/3/86

(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.

11/21/86 Rig up Spartan Well Service.

Pick up 2 3/8" tubing and 3 7/8" bit.

Tag cement 100' above D. V. tool.

Drill out cement and D. V. tool @ 3455' KB.

Tag cement stringers approximately 200' above float collar; found first stage cement displacement plug 64' above float collar. Drill displacement plug and cement out to float collar @ 7581' KB.

Circulate hole clean. Shut down for weekend.

11/24/86

7:21 a.m. Pressure test casing to 4000 PSI.

Circulate casing clean with 2% Kcl water.

Spot 250 gal 7 1/2% acetic acid from 7517' up hole.

Trip out of hole with tubing.

10:30 a.m. Go in hole with logging tools. Loggers' TD = 7573'.

Log from T. D. to 5900'

From 5400' - 5200'

From 3460' - 3100'.

Have good cement bond from T. D. to 5900'.

2:51 p.m. Perforate Dakota 'D' at 7501', 7503', 7505', 7507', 7509', 7511', 7513', 7515', 7517', 4 SPF, 36 holes.

3:19 p.m. Break down Dakota 'D' perforations.

Broke @ 3500 PSI.

Establish rate 44 BPM @ 3600 PSI

Shut down. ISIP = 800 PSI.

Start balls, 2 balls/bbl for 27 bbls. 5 BPM @ 1000 PSI

Total of 54 balls.

	Increase rate to	40 BPM @ 2800 PSI
	116 bbls away, balls on perforations.	
	Have good ball action @	10 BPM @ 3000 PSI
	Have ball off at 4000 PSI.	
	Surge balls off perforations.	
	Go in hole with junk basket. Recover 52 balls.	
4:22 p.m.	Start pad.	48 BPM @ 3600 PSI
4:31 p.m.	Start 1/2 ppg sand	48 BPM @ 3660 PSI
4:34 p.m.	1/2 ppg sand on formation	48 BPM @ 3540 PSI
4:35 p.m.	Start 1 ppg sand	48 BPM @ 3400 PSI
4:37 p.m.	1 ppg sand on formation	48 BPM @ 3260 PSI
4:47 p.m.	Start 1 1/2 ppg sand	48 BPM @ 3180 PSI
4:49 p.m.	1 1/2 ppg sand on formation	48 BPM @ 3150 PSI
4:58 p.m.	On 1 1/2 ppg sand	53 BPM @ 3600 PSI
5:08 p.m.	Cut sand. Go to flush	49 BPM @ 3540 PSI
5:10 p.m.	Flush away. Shut down.	
	ISIP = 1600 PSI	
	5 min = 1400 PSI	
	10 min = 1350 PSI	
	15 min = 1300 PSI	
	Total sand = 90,000 lbs	
	Total water = 2,300 bbls	
	Go in hole with Howco Speed-e-line Bridge Plug.	
5:53 p.m.	Set plug @ 7432½'.	
6:10 p.m.	Pressure test plug 4000 PSI.	
	Trip in hole with tubing.	
	Spot 300 gal 7 1/2% Hcl from 7362' up hole.	

	Trip out of hole with tubing.	
10:20 p.m.	Perforate Tocito @ 7061', 7063', 4 SPF, 8 holes.	
10:22 p.m.	Perforate Greenhorn @ 7266', 7272', 7282', 7289', 4 SPF, 16 holes.	
10:25 p.m.	Perforate Dakota 'A' @ 7328', 7330', 7332', 7346', 7348', 7350', 7352', 7354', 7356', 7358', 7360', 7362', 4 SPF, 48 holes.	
10:52 p.m.	Break down formations.	
	Broke @ 2000 PSI.	
	Establish rate	46 BPM @ 3000 PSI
	Shut down. ISIP = 1300 PSI.	
10:54 p.m.	Start balls. 3 bbls/bbl for 36 bbls.	8 BPM @ 1510 PSI
	Total of 108 bbls.	
	Increase rate	43 BPM @ 2810 PSI
	Good ball action. No ball off @	2 BPM @ 3950 PSI
	Surge balls off perforations.	
	Go in hole with junk basket.	
	Recover 108 balls.	

11/25/86

	Dakota 'A', Greenhorn, Tocito frac	
12:26 a.m.	Start pad.	44 BPM @ 2950 PSI
12:38 a.m.	Start 1/2 ppg sand	52 BPM @ 3260 PSI
12:41 a.m.	1/2 ppg sand on formation	51 BPM @ 3220 PSI
12:43 a.m.	Start 1 ppg sand	51 BPM @ 3180 PSI
12:45 a.m.	1 ppg sand on formation	51 BPM @ 3080 PSI
12:55 a.m.	Start 1 1/2 ppg sand	50 BPM @ 3090 PSI
12:57 a.m.	1 1/2 ppg sand on formation	50 BPM @ 3040 PSI
1:05 a.m.	On 1 1/2 ppg sand	50 BPM @ 3120 PSI

1:10 a.m. On 1 1/2 ppg sand 50 BPM @ 3090 PSI

Approximately 76,000 lbs sand away.

1:16 a.m. Cut sand. Go to flush.

1:18 a.m. Flush away. Shut down.

ISIP = 1750 PSI

5 min = 1600 PSI

10 min = 1575 PSI

15 min = 1525 PSI

Total sand = 90,000 lbs

Total water = 2,358 bbls

Go in hole with Baker retrievable bridge plug.

2:05 a.m. Set plug at 6560'.

2:25 a.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing.

Spot 500 gal 7 1/2% Hcl from 6504' up hole.

Trip out of hole with tubing.

6:23 a.m. Perforate Gallup zone @ 6029', 6032', 6259', 6261', 6263', 6265', 6267', 6269', 6295', 6297', 6299', 4 SPF, 44 holes.

6:56 a.m. Perforate Gallup zone @ 6328', 6331', 6340', 6379', 6384', 6388', 6406', 6418', 6420', 6423', 6460', 4 SPF, 44 holes.

7:22 a.m. Perforate Gallup @ 6492', 6495', 6498', 6501', 6504', 4 SPF, 20 holes.

Total perforations: 108

8:27 a.m. Break down Gallup perforations.

Broke @ 1400 PSI.

Establish rate 60 BPM @ 2800 PSI

Shut down. ISIP = 450 PSI.

8:40 a.m. Start balls; 4 balls/bbl for 40½ bbls. Total of 162 balls.

	Increase rate to	40 BPM @ 1800 PSI
	Balls on perforations.	
	Have ball action. No ball off.	40 BPM @ 2900 PSI
	Go in hole with junk basket.	
	Recover 159 balls.	
	Gallup frac.	
9:42 a.m.	Start pad.	80 BPM @ 3680 PSI
9:51 a.m.	Start 1/2 ppg sand	80 BPM @ 3630 PSI
9:52 a.m.	1/2 ppg sand on formation	80 BPM @ 3550 PSI
9:54 a.m.	Start 1 ppg sand	80 BPM @ 3460 PSI
9:55 a.m.	1 ppg sand on formation	80 BPM @ 3380 PSI
9:58 a.m.	On 1 ppg sand	82 BPM @ 3700 PSI
10:05 a.m.	On 1 ppg sand	53 BPM @ 3200 PSI
10:13 a.m.	Start 1 1/2 ppg sand	60 BPM @ 3460 PSI
10:15 a.m.	1 1/2 ppg sand on formation	59 BPM @ 3360 PSI
10:25 a.m.	On 1 1/2 ppg sand	60 BPM @ 3220 PSI
10:32 a.m.	Cut sand. Go to flush.	41 BPM @ 2750 PSI
10:35 a.m.	Flush away. Shut down.	
	ISIP = 400 PSI	
	5 min = 300 PSI	
	10 min = 200 PSI	
	15 min = 200 PSI	
	Total sand = 120,000 lbs	
	Total water = 3,118 bbls	
12:30 p.m.	Open well up. Flow Gallup back.	
	Go in hole with retrieving head and string float.	
	Retrieve Baker Bridge Plug @ 6560' KB.	

Trip out of hole with tubing.

Drill up EZ Drill Bridge plug @ 7434' KB.

Clean out casing to float collar @ 7581' KB.

Land 228 joints of production tubing with seating nipple at 7429.79' KB, with a 4' perforated sub and a 32.48' tail joint below seating nipple.

End of tubing @ 7466.27' KB.