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 'G' - 2127' FNL & 2003' FEL

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SEP 24 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.: Tribal 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.: 47-15

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

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7320' 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, 9/13/85 through 9/18/85.

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OIL CON. DIV.
DIST. 3

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

SIGNED: D. W. Chace TITLE: President DATE: 9/23/85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SEP 1985

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.

Well: Jicarilla 47-15

CHACE OIL COMPANY, INC.
313 Washington S.E.
Albuquerque, New Mexico 87108

Date: 8/30/85
Day # 16. Present operation: rig idle - waiting/ to move Depth today: _____
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:

3 hours	run casing
3/4 hour	rig up Halliburton circulate at TD
1 hour	cement first stage
3 hours	drop bomb, open D. V. tool, and circulate
1 1/4 hours	cement second stage
4 hours	nipple down BOP set slips and cut off
5 hours	rig down
6 hours	rig idle

Ran 188 joints of 4 1/2", 11.6 lb/ft, N-80 casing set at 7535' KB. Guide shoe at 7534'. Float collar at 7491'. D. V. tool at 3307'. Cement baskets at 6766', 4882', 4398', 1896'. First stage: pumped 20 bbls Flo-chek 21. Cemented 1st stage with 292 sks (584 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk gilsonite, followed by 630 sks (901 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk gilsonite, 6 lb/sk salt. Plug down at 10:45 a.m. Opened D. V. tool. Circulated upper stage 3 hours. Second stage: pumped 20 bbls Flo-chek 21. Cemented 2nd stage with 500 sks (1165 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite. Tailed in with 50 sks (59 CF) Class B neat. Plug down at 3:10 p.m. on 8/29/85. Circulated 10 bbls to surface.

9/13/85:

Pick up 2 3/8" tubing and 3 7/8" bit.
Drill out D. V. tool at 3307'. Clean out casing to float collar at 7491' KB.

9/16/85:

8:35 a.m. Pressure test casing to 4000 PSI.
Circulate casing clean with 2% Kcl water.

9:06 a.m. Spot 250 gal. 7 1/2% Acetic acid from 7432' up hole.

Trip out of hole with tubing.

12:00 p.m. Run cement bond log and correlation log
From T. D. - 5800'
5350' - 4950'
3325' - 2900'

1:55 p.m. Perforate Dakota 'D' zone at:

7407', 7412', 7415', 7417', 7420', 7422', 7424', 7426', 7428', 7430',

7432', 4 SPF, 44 holes.

3:03 p.m.	Break down perforations. Broke at 3400 PSI. Establish rate	46 BPM @ 2800 PSI
	Shut down. ISIP = 900 PSI	
	Start balls. 3 balls/bbl. for 24 bbls.	
	Increase rate	48 BPM @ 2800 PSI
	Have a ball off at 4000 PSI	
3:15 p.m.	Surge balls off perforations.	
	Go in hole with junk basket. Recover 70 balls.	
3:56 p.m.	Start pad.	57 BPM @ 3300 PSI
4:04 p.m.	Start 1/2 lb/gal sand	55 BPM @ 3600 PSI
4:06 p.m.	1/2 lb/gal sand on formation	55 BPM @ 3750 PSI
4:07 p.m.	Start 1 lb/gal sand	55 BPM @ 3750 PSI
4:09 p.m.	1 lb/gal sand on formation	55 BPM @ 3600 PSI
4:14 p.m.	Start 1 1/2 lb/gal sand	55 BPM @ 3600 PSI
4:16 p.m.	1 1/2 lb/gal sand on formation	55 BPM @ 3550 PSI
4:19 p.m.	At 1252 bbls. away, pressure up to:	3700 PSI
	Cut sand back to 1 1/4 lb/gal	3800 PSI
4:22 p.m.	On 1 1/4 lb/gal sand	50 BPM @ 3750 PSI
4:28 p.m.	On 1 1/2 lb/gal sand	50 BPM @ 3550 PSI
4:33 p.m.	Cut sand. Go to flush.	50 BPM @ 3600 PSI
4:40 p.m.	Flush away. Shut down.	
	ISIP = 1650 PSI 5 min = 1425 PSI 10 min = 1375 PSI 15 min = 1325 PSI	
	Total sand = 90,000 lbs.	
	Total fluid = 2484 bbls.	
	Go in hole with Howco bridge plug.	
6:15 p.m.	Set plug at 7320' KB.	

6:35 p.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing.

Spot 300 gal 7 1/2% Hcl from 7270' up hole.

10:20 p.m. Perforate Tocito at:

6950', 6952', 6954', 3 SPF, 9 holes.

Perforate Greenhorn at:

7151', 7153', 7167', 7177', 7179', 7181', 7192', 7194', 7198',

SPF, 30 holes.

10:55 p.m. Perforate Dakota 'A' at:

7240', 7254', 7256', 7258', 7260', 7262', 7264', 7266', 7268', 7270',

3 SPF, 30 holes.

11:23 p.m. Break down perforations.

Broke at 1100 PSI.

Establish rate 29 BPM @ 3600 PSI

Shut down. ISIP = 1000 PSI

11:26 p.m. Start balls. 3 balls/bbl for 33 bbls. Total of 100 balls.

Increase rate to 42 BPM @ 2900 PSI

11:36 p.m. Have ball off at 4000 PSI.

Surge balls off perforations.

Go in hole with junk basket.

Recover 100 balls.

9/17/85: Dakota 'A', Greenhorn, and Tocito frac:

12:27 a.m.	Start pad.	58 BPM @ 3500 PSI
12:31 a.m.	On pad.	58 BPM @ 3400 PSI
12:34 a.m.	Start 1/2 lb/gal sand	57 BPM @ 3450 PSI
12:36 a.m.	1/2 lb/gal sand on formation	57 BPM @ 3450 PSI
12:38 a.m.	Start 1 lb/gal sand	57 BPM @ 3400 PSI
12:40 a.m.	1 lb/gal sand on formation	57 BPM @ 3400 PSI

12:43 a.m.	On 1 lb/gal sand	58 BPM @ 3325 PSI
12:48 a.m.	Start 1 1/2 lb/gal sand	58 BPM @ 3400 PSI
12:50 a.m.	1 1/2 lb/gal sand on formation	58 BPM @ 3400 PSI
12:58 a.m.	On 1 1/2 lb/gal sand	56 BPM @ 3425 PSI
1:03 a.m.	On 1 1/2 lb/gal sand	55 BPM @ 3500 PSI

1:07 a.m. Cut sand. Go to flush.

1:09 a.m. Flush away. Shut down.

ISIP = 1800 PSI
5 min = 1575 PSI
10 min = 1500 PSI
15 min = 1475 PSI

Total sand = 90,000 lbs.

Total water = 2,477 bbls.

Go in hole with Baker bridge plug.

2:04 a.m. Set plug at 6450' KB.

2:28 a.m. Pressure test plug to 4000 PSI.

Trip in hole with tubing.

Spot 400 gal. 7 1/2% Hcl from 6400' up hole.

6:20 a.m. Perforate Gallup at:

5951', 5953', 5971', 6076', 6138', 6169', 6187', 6193', 6209', 6216', 6246'.

7:00 a.m. Perforate Gallup at:

6248', 6254', 6256', 6262', 6264', 6276', 6278', 6280', 6282', 6315', 6335'.

7:27 a.m. Perforate Gallup at:

6337', 6346', 6349', 6351', 6353', 6355', 6357', 6359', 6368', 6370', 6380'.

7:57 a.m. Perforate Gallup at: 6385', 6387', 6389', 6391', 6393', 6395', 6397', 6400', all at 2 SPF, 82 holes.

8:40 a.m.	Break down perforations.	
	Broke at 1350 PSI.	
	Establish rate	70 BPM @ 3400 PSI
	Shut down.	
	ISIP = 400 PSI	
	Start balls. 4 balls/bbl for 31 bbls.	
	Increase rate to 52 BPM @ 1800 PSI.	
	Have good ball action. No ball off. (Drop 125 balls)	
8:51 a.m.	Surge balls off perforations.	
	Go in hole with junk basket.	
	Recover 124 balls.	
9:35 a.m.	Start pad	85 BPM @ 3000 PSI
	300 balls pad away.	82 BPM @ 3000 PSI
9:42 a.m.	Start 1/2 lb/gal sand	82 BPM @ 3000 PSI
9:44 a.m.	1/2 lb/gal sand on formation	82 BPM @ 3000 PSI
9:45 a.m.	Start 1 lb/gal sand	82 BPM @ 3000 PSI
9:46 a.m.	1 lb/gal sand on formation	83 BPM @ 3000 PSI
9:52 a.m.	On 1 lb/gal sand	80 BPM @ 3000 PSI
9:55 a.m.	Have a line part shut down.	
10:00 a.m.	Start pumping	78 BPM @ 3000 PSI
10:04 a.m.	On 1 lb/gal sand	79 BPM @ 3100 PSI
10:05 a.m.	Start 1 1/2 lb/gal sand	79 BPM @ 3150 PSI
10:07 a.m.	1 1/2 lb/gal sand on formation	79 BPM @ 3200 PSI
10:10 a.m.	On 1 1/2 lb/gal sand	77 BPM @ 3250 PSI
10:13 a.m.	On 1 1/2 lb/gal sand	77 BPM @ 3300 PSI
10:20 a.m.	Cut sand. Go to flush.	

ISIP = 450 PSI

5 min = 400 PSI

10 min = 395 PSI

15 min = 375 PSI

Total sand = 100,000 lbs.

Total fluid = 3,275 bbls.

9/17/85:

12:20 p.m. 190 PSI on casing.

Open well up flow Gallup formation back.

1.00 p. m. Trip in hole with tubing and retrieving head.

3:00 p.m. Rig pump would not allow us to clean sand off bridge plug. Wait on mechanic to repair pump.

4:30 p.m. Pull tubing out of hole.

11:00 p.m. SOS delivered second rig pump.

Second pump would not pump.

Wait on parts for pump.

9/18/85:

8:00 a.m. Rig up Nowsco N_2 truck.

Circulate 295' of sand off Baker bridge plug.

10:45 a.m. Release bridge plug. Come out of hole with plug.

12:00 p.m. Shut down. Wait on third rig pump.

6:00 p.m. Rig pump on location.

Run in hole with 105 stands of tubing. Break circulation.

Run in hole with 110 stands of tubing. Tag sand. Wash 50' of sand off Howco bridge plug. Mill up bridge plug. Clean out casing to float collar at 7491' KB.

9/19/85:

8:30 a.m. Land production tubing 225 jts. of 2 3/8", with seating nipple at 7353' KB, with a 4' perforated sub and a 32' tail joint below seating nipple. End of tubing at 7389.86' KB.