

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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)*

At surface

Unit 'L' - 2284' FSL & 855' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/28/85

16. DATE T.D. REACHED

11/8/85

17. DATE COMPL. (Ready to prod.)*

11/21/85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7285' GR

19. ELEV. CASINGHEAD

7286'

20. TOTAL DEPTH, MD & TVD

7438' KB

21. PLUG, BACK T.D., MD & TVD

7394' KB

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-7438' KB

CABLE TOOLS

No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 'D': 7290'-7309'; Greenhorn: 7046'-7078'; Gallup: 5752'-6276';

Dakota 'A': 7134'-7152'; Tociato: 6842'-6850'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Density

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	224' KB	12 1/4"	SEE ATTACHMENT	None
4 1/2"	11.60	7438' KB	7 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7238' KB	
						S.N. @ 7203' KB	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

SEE ATTACHMENT

AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/22/85		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/23/85	24	2"	→	127	21	47	165
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
115 PSI	138 PSI	→	127	21	47	43°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold, used for fuel

TEST WITNESSED BY

Andy Birdsell

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

President

DATE

11/25/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

RECEIVED

NOV 27 1985

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.

47-22

10. FIELD AND POOL, OR WILDCAT

South Lindrith, Gallup Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 13, T23N, R4W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

RECEIVED
DEC 04 1985
OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Jicarilla Apache 47-22

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME	TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2500'	2542'	Sand - Wet			
Pictured Cliffs	2916'	2946'	Sand - w/ coal and shale streaks			
Chacra	3268'	3446'	Shale w/ sand streaks - no show			
Cliff House	4448'	4520'	Sand and shale - tite			
Point Lookout	5016'	5150'	Sand - Wet			
Gallup	5702'	6272'	Sand and shale - oil and gas			
Juana Lopez	6730'	6852'	Sand and shale - poss. shows			
Greenhorn	7030'	7092'	Sandy lime - oil and gas shows			
Dakota 'A'	7120'	7206'	Sand w/ shale streaks - oil and gas			
Dakota 'D'	7260'	7338'	Sand w/ shale streaks - oil and gas			
Burro Canyon	7360'	Still in @ TTD	Sand - wet			

47-22 Attachment:

28. Cementing Record:

Spud: Cemented with 170 sks (200 CF) Class B neat, 3% calcium chloride,
1/4 lb/sk Flocele.

Casing: Cemented first stage with 895 sks (1280 CF) 50/50 pozmix, 2% gel,
6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

Cemented second stage with 420 sks (890 CF) 65/35 pozmix, 12% gel,
6 1/4 lb/sk Gilsonite.

Tailed in with 50 sks (59 CF) Class B neat.

31. Perforations:

Dakota 'D': 7290', 7292', 7294', 7297', 7299', 7301', 7303', 7305', 7307',
7309', 4 SPF, 40 holes.

Dakota 'A': 7134', 7136', 7138', 7140', 7142', 7144', 7146', 7148', 7150',
7152', 3 SPF, 30 holes.

Greenhorn: 7046', 7053', 7059', 7062', 7066', 7070', 7074', 7078', 3 SPF, 24 holes.

Tocito: 6842', 6844', 6846', 6850', 3 SPF, 12 holes.

Gallup: 5752', 5756', 6089', 6095', 6097', 6125', 6147', 6150', 6159',
6161', 6174', 6216', 6224', 6226', 6230', 6232', 6234', 6236', 6238',
6240', 6256', 6264', 6266', 6268', 6270', 6272', 6274', 6276',
3 SPF, 84 holes.

32. Acid - Frac:

Dakota 'D': 250 gal 7 1/2% acetic acid
69,100 lbs 20/40 sand
2,252 bbls water

Dakota 'A') 300 gal 7 1/2% Hcl
Greenhorn): 87,200 lbs 20/40 sand
Tocito) 2,310 bbls water

Gallup: 400 gal 7 1/2% Hcl
111,100 lbs 20/40 sand
3,331 bbls water