

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-2355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

3. NAME OF OPERATOR
Chace Oil Company, Inc.

4. ADDRESS OF OPERATOR
313 Washington, SE, Albuquerque, NM 87108

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface Unit 'K' - 2192' FSL & 2047' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 12/23/85 16. DATE T.D. REACHED 1/7/86 17. DATE COMPL. (Ready to prod.) 1/22/86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7354' GR 19. ELEV. CASINGHEAD 7355'

20. TOTAL DEPTH, MD & TVD 7602' 21. PLUG BACK T.D., MD & TVD 7559' KB 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0-7602' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 'D': 7452'-7481'; Greenhorn: 7187-7238'; Gallup: 5967'-6505';
Dakota 'A': 7293'-7340'; Tocito: 7006'-7010'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Density

25. WAS DIRECTIONAL SURVEY MADE

Yes

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 lb/ft	221' KB	12 1/4"	170 sks (200 CF)	None
4 1/2"	11.6 lb/ft	7602' KB	7 7/8"	1750 sks (2871 CF)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7387.23' KB	None
						S. N. # 7351' KB.	

31. PERFORATION RECORD (Interval, size and number)

RECEIVED
FEB 04 1986

SEE ATTACHED

OIL CON. DIV.
DIST. 3

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/23/86		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/24/86	24 hours	2"	→	138	21	53	152
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
155 PSI	174 PSI	→	138	21	53	43°	

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

To be sold, used for fuel

TEST WITNESSED BY

Frank Walker

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 D. W. Miller TITLE President

DATE 1/27/86

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

NMOC

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.

10. FIELD AND POOL, OR WILDCAT
47-10
South Lindrith Gallup Dakota
11. SEC., T., R., N., OR BLOCK AND SURVEY OF AREA

Section 11, T23N, R4W

12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico

RV

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 83, 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 85.

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 83. **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 47-10 Well

37. SUMMARY OF POKIOUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTING, CUSHION TESTS, TENS TOOL, OPEN FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2660'	2827'	Sand - wet
Pictured Cliffs	3076'	3148'	Sand w/ coal and shale strks - no show
Chacra	3426'	4058'	Shale w/ sand streaks - no show
Cliff House	4608'	4678'	Sand and shale - tite
Point Lookout	5188'	5366'	Sand - wet
Gallup	5876'	6512'	Sand and shale - oil and gas
Juana Lopez	6888'	7015'	Sand and shale - possible shows
Greenhorn	7191'	7254'	Sandy lime - oil and gas shows
Dakota 'A'	7282'	7344'	Sand w/ shale streaks - oil and gas
Dakota 'D'	7422'	7501'	Sand w/ shale streaks - oil and gas
Burro Canyon	7526'	Still in at T.D.	Sand - wet

38.

GEOLOGIC MARKERS

NAME

TOP

MEAS. DEPTH

TRUE VERT. DEPTH

Attachment for Jicarilla Apache 47-10 Completion Report

24. Perforation Record:

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

Dakota 'A': 7293', 7295', 7297', 7299', 7301', 7303', 7305', 7307',
7309', 7340', 3 SPF, 30 holes.

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

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

Gallup: 5967', 5990', 6033', 6037', 6039', 6041', 6051', 6053',
6086', 6090', 6093', 6095', 6100', 6142', 6154', 6194',
6240', 6257', 6280', 6291', 6323', 6327', 6329', 6398',
6403', 6430', 6432', 6434', 6439', 6441', 6444', 6505',
3 SPF, 96 holes.

32. Acid, Shot, Frac:

Dakota 'D':	250 gal 7½% acetic acid
	81,550 lbs 20/40 sand
	2,300 bbls water
Dakota 'A')	300 gal 7½% Hcl
Greenhorn):	75,900 lbs 20/40 sand
Tocito)	2,300 bbls water
Gallup:	450 gal 7½% Hcl
	125,000 lbs 20/40 sand
	3,400 bbls water