

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-2335.5.

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

BUREAU OF LAND MANAGEMENT

FARMINGTON RESOURCE AREA

313 Washington SE, Albuquerque, NM 87108

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

At surface Unit 'C' - 448' FNL & 1655' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11/18/86

16. DATE T.D. REACHED

12-1-86

17. DATE COMPL. (Ready to prod.)

12-17-86

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

7376' GR

19. ELEV. CASINGHEAD

7377'

20. TOTAL DEPTH, MD & TVD

7594' KB

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

7535' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7594'

No

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

Dakota 'D': 7467-7479'

Greenhorn: 7226-7242'

Gallup: 6316-6481'

Dakota 'A': 7286-7321'

Tocito: 7018-7020'

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 lb/ft	230' KB	12 1/4"	SEE ATTACHED	None
4 1/2"	11.6 lb/ft	7579' KB	7 7/8"	SEE ATTACHED	None

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7417 16' KB	None
					S. N. @	7380 51' KB	None

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

32.

ASD, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

SEE ATTACHED

AMOUNT AND KIND OF MATERIAL USED

33.* OIL CON. DIV. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, and lift pumping—size and type of pump)

12/18/86

Swabbing

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/19/86	24	2"	→	129	20	42	155
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
10	380 PSI	→	129	20	42	43°	

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

To be sold, used for fuel

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

President

DATE

12/22/86

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

NMOCC

BY

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 28, 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 (drill, geologic, 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 33.

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 some (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 23. 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: "Seals/Cements": 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 47-45 WELL

31. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		39. WELL COMPLETION OR RECOMPLETION REPORT AND LOG	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	DEPTH	TYPE OF COMPLETION	DATE OF OPERATION
Ojo Alamo	2705'	2876'	Sand - wet				
Picture Cliffs	3120'	3240'	Sand - possible gas				
Chacra	3470'	3648'	Shale - with sand - no shows				
Cliff House	4654'	4950'	Sand and shale - no shows				
Point Lookout	5236'	5382'	Sand - no shows				
Gallup	5920'	6510'	Sand and shale - oil and gas				
Juana Lopez	6903'	6988'	Sand and shale - oil and gas shows				
Greenhorn	7201'	7262'	Sandy lime - oil and gas shows				
Graneros	7262'	7285'	Shale				
Dakota 'A'	7285'	7386'	Sand - oil and gas				
Dakota 'D'	7428'	7498'	Sand - oil and gas				
Burro Canyon	7518'	Still in @ TD	Sand - wet				

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071-233

JICARILLA APACHE 47-45 ATTACHMENT:

28. Cementing Record

Surface pipe: Cemented with 170 sks (200 CF) Class 'B', 3% CaCl_2 ,
1/4 lb/sk Flocele.

4 1/2" Production Pipe: Cemented with

1st stage: 950 sks (1359 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk
Gilsonite, 6 lb/sk salt.

2nd stage: 500 (1060 CF) 65/35 pozmix, 6% gel, 12 1/4 lb/sk Gilsonite.

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

29. Perforation Record

Dakota 'D': 7467', 7469', 7471', 7473', 7475', 7477', 7479', 4 SPF, 28 holes.

Dakota 'A': 7286', 7288', 7290', 7292', 7309', 7311', 7313', 7315', 7317',
7319', 7321', 4 SPF, 44 holes.

Greenhorn: 7226', 7231', 7237', 7242', 4 SPF, 16 holes.

Tocito: 7018', 7020', 4 SPF, 8 holes.

Gallup: 6316', 6318', 6320', 6322', 6324', 6326', 6328', 6356', 6358', 6360',
6362', 6364', 6366', 6368', 6391', 6393', 6395', 6397', 6469', 6471',
6473', 6475', 6477', 6479', 6481', 4 SPF, 100 holes.

32. Acid, Frac Record:

Dakota 'D': 250 gal 7 1/2% acetic acid
64,600 lbs 20/40 sand
2,200 bbls water

Dakota 'A') 300 gal 7 1/2% Hcl
Greenhorn) 76,700 lbs 20/40 sand
Tocito) 2,300 bbls water

Gallup: 500 gal 7 1/2% Hcl
109,100 lbs 20/40 sand
4,015 bbls water