

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 JUN 9 1983

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other OIL CON. DIV.

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 'I' - 2310' FSL and 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPURD

5-29-82

16. DATE T.D. REACHED

6-11-82

17. DATE COMPL. (Ready to prod.)

6-1-83

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

7211' GR, 7225' KB

19. ELEV. CASINGHEAD

7212' GR

20. TOTAL DEPTH, MD & TVD

7545' KB

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

7499' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

0-7525

ROTARY TOOLS

CABLE TOOLS

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

Dakota 'D': 7385-7443'; Greenhorn: 7183-7205'; Gallup: 5941-6405'

Dakota 'A': 7259-7271'; Tootito: 6956-6972'

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

27. WAS WELL CORED

no

25. 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	229' KB	12 1/4"	175 sks	None
4 1/2"	11.6	7543' KB	7 7/8"	1185 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6405'	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT

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

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

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/2/83		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/2/83	24	2"	—————→	105	22	32	209
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
135 PSI	375 PSI	—————→	105	22	32	43	

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

Sold

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

L. W. Nielsen

TITLE

President

DATE June 3, 1983

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

NMOC

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: "Seals 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.)

37. 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo	Not logged					
P. C.						
Chacra		4002	Shale w/ sd strks			
Cliff House	4567	4660	Sd w/ sh strks - wet			
Point Lookout	5088	5295	Sdy w/ coal and sh strks			
Gallup	6190	6435	Shaley w/ sd strks; poss. oil and gas			
Tocito	6843	6975	Sd w/ sh strks			
Greenhorn	7159	7219	Limy sd; Hd			
Dakota 'A'	7245	7289	Sd w/ sh strks; oil and gas			
Dakota 'D'	7384	7465	Sd w/ sh strks; oil and gas			
Burro Canyon	7491	-	Sd - Wet			

38.

GEOLOGIC MARKERS

31. Perforation Record:

Dakota 'D': 7385', 7410', 7414', 7423', 7426', 7429', 7432', 7437', 7443' - 4 SPF.

Dakota 'A': 7259', 7261', 7263', 7265', 7268', 7271' - 4 SPF.

Greenhorn: 7183', 7187', 7192', 7194', 7199', 7204', 7205' - 4 SPF

Tocito: 6956', 6961', 6963', 6965', 6971', 6972' - 4 SPF.

NEW ZONE COMPLETED:

Gallup: Upper: 5941', 5958', 5973', 5980', 5991', 6003', 6005', 6013', 6015',
6039', 6043' - 4 SPF

Lower: 6272', 6317', 6343', 6347', 6353', 6359', 6362', 6366', 6394',
6404', 6402', 6405' - 4 SPF

32. Acid Fracture:

Gallup	450 gal. 7½% Hcl
	110,000 lbs sand
	2496 bbls. water