

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 'A' - 335' FNL & 620' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 6/23/84 16. DATE T.D. REACHED 7/9/84 17. DATE COMPL. (Ready to prod.) 7/18/84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7192' GL, 7206' KB 19. ELEV. CASING HEAD 7193'

20. TOTAL DEPTH, MD & TVD 7450' KB 21. PLUG, BACK T.D., MD & TVD 7405' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7450' ROTARY TOOLS CABLE TOOLS

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

Dakota 'D': 7258-7307'; Greenhorn: 7044-7077'; Gallup: 5742-6291';
Dakota 'A': 7133-7152'; Tootito: 6839-6843'

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"	22	217' KB	12 1/2	175 sks (207 CF)	None
4 1/2"	11.6	7450' KB	7 7/8	1680 sks (2775 CF)	None
(SEE ATTACHED FOR DETAILS)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7232' KB	None
						7196' KB SN	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

ILLEGIBLE

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

DEPTH INTERVAL (MD)

SEE ATTACHED

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)	
7/19/84		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/20/84	24	2"	→	115	21	52	183
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
150 PSI	165 PSI	→	115	21	52	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

ACCEPTED FOR RECORD

DATE JUL 26 1984

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

FARMINGTON RESOURCE AREA

RV

Sm

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 report 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 identifying 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 71-25

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE 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	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2458	2582	Sand - wet			
Pictured Cliffs	2894	2954	Sand - with coal and shale streaks			
Chacra	3247	3748	Shale with sand streaks - no show			
Cliff House	4408	4940	Sand and shale - wet			
Poñe Lookout	5044	5088	Sand - wet			
Gallup	5714	6386	Sand and shale - oil shows			
Todito	6722	6848	Sand and shale - oil shows			
Greenhorn	7032	7091	Sandy lime - oil shows			
Dakota 'A'	7130	7208	Sand - oil, and gas			
Dakota 'D'	7252	7320	Sand - oil, and gas			
Burro Canyon	7350	Still in at TD	Sand - wet			

ILLEGIBLE

Jicarilla Apache 71-25 Well

CEMENTING RECORD: Spud - Cemented with 175 sks (207 CF) of Class B neat,
3% calcium chloride, 6¼ Flocele per sack.

1st stage - 1200 sks (1716 CF) 50/50 pozmix, 2% gel,
6¼ lb/sk Gilsonite, 6 lb/sk salt.

2nd stage - 430 sks (1000 CF) 65/35 pozmix, 2% gel,
6¼ lb/sk Gilsonite. Tailed in with
50 sks (59 CF) Class B neat.

PERFORATION RECORD:

Dakota 'D': 7258', 7260', 7264', 7266', 7280', 7285', 7287', 7289', 7303',
7305', 7307', 4 SPF, 44 holes.

Dakota 'A': 7133', 7138', 7140', 7142', 7144', 7146', 7148', 7150', 7152',
3 SPF, 27 holes.

Greenhorn: 7044', 7053', 7056', 7059', 7062', 7064', 7067', 7070', 7072',
7077', 3 SPF, 30 holes.

Tocito: 6839', 6841', 6843', 3 SPF, 9 holes.

Gallup: 5742', 5750', 5811', 5814', 5832', 5836', 5855', 5866', 5871',
5874', 5890', 5900', 5903', 5910', 5914', 5916', 5942', 6070',
6080', 6084', 6088', 6094', 6108', 6114', 6120', 6123', 6126',
6163', 6166', 6226', 6230', 6235', 6239', 6244', 6246', 6270',
6272', 6274', 6278', 6280', 6282', 6284', 6286', 6291',
2 SPF, 88 holes.

ACID FRACTURE

Dakota 'D': 200 gal 7½% acetic acid
62,000 lbs 20/40 sand
2,100 bbls water

Dakota 'A') 300 gal 7½% Hcl
Greenhorn): 50,000 lbs 20/40 sand
Tocito) 1,650 bbls water

Gallup: 500 gal 7½% Hcl
100,000 lbs 20/40 sand
2,977 bbls water