

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 ☐

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 'D' - 660' FNL & 360' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

MAY 08 1984

BUREAU OF LAND MANAGEMENT

15. DATE SPUDDED 4/16/84 16. DATE T.D. REACHED 4/21/84 17. DATE COMPL. (Ready for production) 5/2/84 18. ELEVATIONS (Top, Base, RT, GR, ETC.) * 7198' GR 7210' KB 7199' KB

20. TOTAL DEPTH, MD & TVD 7555' KB

21. PLUG, BACK T.D., MD & TVD 7441' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Dakota 'D': 7276'-7333'; Greenhorn: 7060'-7096'; Gallup: 5836'-6303'

Dakota 'A': 7155'-7188'; Tobito: 6735'-6854'

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	218' KB	12 1/4"	170 Sks (200 CF)	None
4 1/2"	11.6	7485' KB	7 7/8"	1625 Sks (2765 CF)	None
				(SEE ATTACHED)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7205' KB	None

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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)	
5/4/84		Swabbing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5/5/84	24	2"	→	145	20	50	138	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
160	170	→	145	20	50	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

May 7, 1984

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

RV

NM000

FARMINGTON RESOURCE AREA

Smm

ACCEPTED FOR RECORD

MAY 10 1984

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 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 #71-30
Unit "D" 660' FNL, 360' FNL
Sec. 10, T23N, R4W

Operator: Chace Oil Company
313 Washington, S.E.
Albuquerque, NM 87108

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.	38. GEOLOGIC MARKERS
Ojo Alamo	2462	2616	Sand - Wet	
Pictured Cliffs	2896	2966	Sand - w/ coal strks - no show	
Chacra	3260	3876	Shale - w/ sd strks - no show	
Cliff House	4428	4590	Sand - w/ shale - tight	
Point lookout	4950	5178	Sand - poss. show	
Gallup	6075	6324	Sand and shale - oil and gas	
Tocito	6740	6856	Sand and shale - tight - poss. show	
Greenhorn	7050	7110	Sandy lime - oil and gas shows	
Dakota "A"	7148	7202	Sand - oil and gas	
Dakota "D"	7270	7352	Sand - oil and gas	
Burro Canyon	7376	Still in at T.D.	Sand - wet	

PERFORATION RECORD:

Dakota 'D': 7276', 7278', 7280', 7297', 7298', 7300', 7302', 7304', 7306', 7308',
7310', 7312', 7314', 7316', 7318', 7320', 7322', 7324', 7329', 7333',
3 SPF, 60 holes

Dakota 'A': 7155', 7156', 7158', 7160', 7162', 7164', 7166', 7168', 7170', 7186',
7188', 2 SPF, 22 holes

Greenhorn: 7060', 7061', 7067', 7069', 7072', 7075', 7078', 7082', 7086', 7089',
7092', 7094', 7096', 2 SPF, 26 holes.

Tocito: 6735', 6798', 6827', 6845', 6847', 6849', 6854', 2 SPF, 14 holes.

Gallup: 5836', 5841', 6042', 6044', 6096', 6107', 6109', 6111', 6113', 6119',
6122', 6127', 6133', 6142', 6148', 6178', 6182', 6233', 6241', 6243',
6250', 6252', 6279', 6284', 6286', 6288', 6290', 6292', 6294', 6296',
6298', 6301', 6303', 3 SPF, 63 holes.

ACID - FRACTURE:

Dakota 'D': 200 gal. 7½% acetic acid
90,000 lbs. 20/40 sand
2,300 bbls. water

Dakota 'A'):
Greenhorn): 325 gal. 7½% Hcl
Tocito): 85,800 lbs. 20/40 sand
2250 bbls water

Gallup: 325 gal. 7½% Hcl
117,900 lbs 20/40 sand
3078 bbls water

CEMENT:

8 5/8" casing: 170 sacks (200 CF) of Class B neat, 3% calcium chloride,
1/4 lb/sack Flocele.

4 1/2" casing: 1st stage: 1100 sacks (1600 CF) 50/50 pozmix, 2% gel,
6¼ lb/sk. Gilsonite, 6 lb/sk salt.

2nd stage: 475 sacks (1106 CF) 65/35 pozmix, 12% gel,
6¼ lb/sk. Gilsonite. Tailed in with 50 sks. (59 CF)
Class B neat.