

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, S.E., Albuquerque, New Mexico 87108

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

At surface Unit 'F' 1890' FNL and 1900 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

15. DATE SPUDDED 8/30/83 16. DATE T.D. REACHED 9/13/83 17. DATE COMPL. (Ready for prod.) 9/29/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7422' GL, 7434' KB 19. ELEV. CASINGHEAD 7423'

20. TOTAL DEPTH, MD & TVD 7671' KB 21. PLUG, BACK T.D., MD & TVD 7629' KB 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0-7671

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota 'D': 7521-7552 Greenhorn: 7269-7321 Gallup: 5951'-6718'
Dakota 'A': 7363-7381 Tootie: 7058-7066

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - 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	216' KB	12 1/4"	170 sks (200 CF)	None
4 1/2"	11.6 lb/ft	7671' KB	7 7/8"	1750 sks (2894 CF)	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6795' KB	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Attached				DEPTH INTERVAL (MD)	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)	
9/29/83		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/30/83	24	2"		155	22	39	142
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
165 PSI	185 PSI		155	22	39	43	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel, to be 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 B. W. Birdsell (as) TITLE President DATE 10/3/83
OCT 07 1983

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

NMOC

FARMINGTON RESOURCE AREA

BY 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 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.)

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 Alamo	2714	2881	Sand - Wet			
Pic. Cliffs	3136	3216	Sand - w/coal and shale strks. - no show			
Chacra	3497	4125	Shale w/sd streaks - no show			
Cliff House	4713	4820	Sand and shale - tite			
Pt. Lookout	5288	5522	Sand - wet			
Upr. Gallup	5943	6089	Sand and shale - oil and gas			
Mid Gallup	6089	6281	Sand and shale - poss. show			
Gallup Main	6281	6534	Sand and shale - oil and gas			
Lwr. Gallup	6675	6786	Sand and shale - poss. show			
Tocito	6944	7068	Sand and shale - poss. shows			
Greenhorn	7263	7326	Sandy lime - oil and gas shows			
Dakota 'A'	7348	7411	Sand w/ sh strks - oil and gas			
Dakota 'D'	7488	7570	Sand w/ sh strks - oil and gas			
Burro Canyon	7592	--	Sand - wet			

38.

GEOLOGIC MARKERS

RECEIVED
OCT 11 1983
OIL CON. DIV.
DIST. 3

Jicarilla Apache 47-5-JV:

#31. Perforation Record:

Dakota 'D': 7521', 7523', 7525', 7531', 7533', 7535', 7538', 7543', 7545',
7550', 7552', 4 SPF, 44 holes.

Dakota 'A': 7363', 7365', 7367', 7370', 7372', 7374', 7376', 7378', 7381',
4 SPF, 36 holes.

Greenhorn: 7269', 7285', 7288', 7293', 7298', 7301', 7304', 7306', 7311',
7317', 7321', 4 SPF, 44 holes.

Tocito: 7058', 7060', 7062', 7064', 7066', 4 SPF, 20 holes.

Gallup: 5951', 5970', 6058', 6064', 6147', 6151', 6155', 6195', 6233',
6246', 6322', 6354', 6356', 6359', 6362', 6366', 6383', 6386',
6389', 6392', 6396', 6423', 6425', 6436', 6443', 6447', 6452',
6455', 6458', 6460', 6462', 6464', 6466', 6468', 6478', 6482',
6484', 6490', 6496', 6498', 6550', 6552', 6554', 6556', 6560',
6677', 6679', 6683', 6689', 6696', 6700', 6703', 6709', 6716',
6718', 2 SPF, 110 holes.

#32. Acid Fracture:

Dakota 'D': 250 gal. 7 1/2% acetic acid
78,300 lbs. 20/40 sand
2,265 bbls. water

Dakota 'A') 400 gal. 7 1/2% Hcl acid
Greenhorn) 90,000 lb. 20/40 sand
Tocito) 2,465 bbls. water

Gallup: 500 gal. 7 1/2% Hcl acid
183,550 lbs. 20/40 sand
4,262 bbls. water

#29. Liner Record:

8 5/8" surface: 170 sks. (200 CF) Class B neat, 3% calcium chloride, 1/4 lb./sk
Flocele.

4 1/2" long string: 1st stage: 1250 sks. (1787 CF) 50/50 pozmix, 2% gel,
6 1/4 lb/sk Gilsonite, 5 lb/sk salt.

2nd stage: 450 sks. (1048 CF) 65/35 pozmix, 12% gel,
6 1/4 lb/sk Gilsonite. Tailed in with 50 sks. (59 CF)
Class B neat.