

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 02-2355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. SERV. ☐ 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 'P' - 370' FSL & 780' FEL

At top prod interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/7/84

16. DATE T.D. REACHED

10/20/84

17. DATE COMPL. (Ready to prod.)

11/1/84

18. ELEVATIONS (DF, REB, RT, GR, ETC.)

7455' GL 7468' KB

20. TOTAL DEPTH, MD & TVD

7655' KB

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

7550' KB

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-7655'

24. ELEV. CASINGHEAD

None

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

Dakota 'D': 7453'-7510'; Greenhorn: 7256'-7274'; Gallup: 5908'-6471'

Dakota 'A': 7330'-7364'; Tocito: 7021'-7030'.

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Density

25.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
8 5/8"	24	221'	12 1/4"	SEE ATTACHED	
4 1/2"	11.60	7638' KB	7 7/8"	SEE ATTACHED	

29.

LINER RECORD

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

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7423' KB	None
	7385' KB & N	

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

11/2/84

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

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
11/3/84	24	2"	→	134	21	42	157
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
135 PSI	175 PSI	→	134	21	42	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 data.

SIGNED

TITLE President

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

OPERATOR

FARMINGTON RESOURCE AREA

ACCEPTED FOR RECORD

DATE 11/6/84

NOV 9 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 loaned by, or may be obtained from, the local Federal or State office. See Instructions on Items 22 and 24, and 88, 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 (driller's, geologist's, 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 85.

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 fully the interval reported in Item 83. 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: "Racks 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.)

SUMMARY OF POROUS ZONES:				34. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: Cased 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	TOP
					MEAS. DEPTH
					TRUE VERT. DEPTH
Ojo Alamo	2676	2836	Sand wet		
Pictured Cliffs	3100	3126	Sand - poss. show		
Chacra Cliff	3452	3626	Shale with sand streaks - no show		
Holise Point	4616	4720	Sand and shale - no show		
Lookout	5206	5410	Sand - poss. show		
Gallup	5902	6476	Sand and shale - oil and gas shows		
Tocito	6908	7034	Sand and shale - oil and gas shows		
Greenhorn	7228	7289	Sandy lime - oil and gas shows		
Dakota 'A'	7322	7398	Sand - oil and gas shows		
Dakota 'D'	7446	7526	Sand - oil and gas shows		
Burro Canyon	7550		Sand wet		
			Still in at R. D.		

Jicarilla Apache 71-35 Well

Cementing Record:

(200 CF)

Spud: Cemented with 170 sks/of Class B neat, 1/4 lb/sk Flocele, 3% calcium chloride.

Casing: 1st stage: Cemented with 1100 sks (1573 CF) 50/50 pozmix, 2% gel 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: Cemented with 450 sks (1049 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite.

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

Perforation Record:

Dakota 'D': 7453', 7474', 7476', 7478', 7484', 7486', 7488', 7490', 7494', 7496', 7510', 4 SPF, 44 holes.

Dakota 'A': 7330', 7332', 7334', 7337', 7362', 7364', 4 SPF, 24 holes.

Greenhorn: 7256', 7258', 7262', 7265', 7268', 7270', 7274', 4 SPF, 28 holes.

Tocito: 7021', 7023', 7025', 7030', 4 SPF, 15 holes.

Gallup: 5908', 5993', 6012', 6016', 6022', 6032', 6036', 6066', 6229', 6245', 6251', 6259', 6261', 6306', 6313', 6342', 6344', 6348', 6350', 6352', 6354', 6385', 6407', 6412', 6420', 6423', 6426', 6429', 6456', 6463', 6465', 6467', 6471', 2 SPF, 66 holes.

Acid, Fracture:

Dakota 'D': 200 gal 7 1/2% acetic acid
62,800 lbs. 20/40 sand
2,000 bbls water

Dakota 'A') 300 gal 7 1/2% Hcl
Greenhorn) 27,850 lbs. 20/40 sand
Tocito) 1,350 bbls water

Gallup: 400 gal 7 1/2% Hcl
70,000 lbs 20/40 sand
2,150 bbl water