

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. ☐

2. NAME OF OPERATOR

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, SE, Albuquerque, NM

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

At surface

2080' FSL and 1998' FEL Unit J

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9/10/87

16. DATE T.D. REACHED

9/24/87

17. DATE COMPL. (Ready to prod.)

10/7/87

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

7378'

GR

19. ELEV. CASINGHEAD

7379'

20. TOTAL DEPTH, MD & TVD

7536' KB

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

7492' KB

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0-7536' KB

CABLE TOOLS

no

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

Dakota 'D': 7258-7270'

Dakota 'A': 7419-7425'

Greenhorn: 7178-7196'

Dakota 'B': 7336-7340'

Tocito: 6944-6950'

Gallup: 6153-6388'

25. WAS DIRECTIONAL

SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction, Density

27. WAS WELL FLORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	233.26' KB	12 1/4"	170 SKS (200 cft) Cls B	none
4 1/2"	11.60	7536' KB	7 7/8"	1520 SKS (2496 cft)	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7318.05' KB	none
					S.N. @ 7277.61' KB		

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)	
10/8/87		swabbing				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/10/87	24	2"	→	119	20	38	168
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
OPSI	330 psi	→	119	20	38	-42°	

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

to be sold

TEST WITNESSED BY

Dale Burns

35. LIST OF ATTACHMENTS

Page 2 attached.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Frank Welker

TITLE

Vice President Production

DATE

October 13, 1987

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

NMOCC

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 38, 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 36.

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 TESTS, CUSHION TESTS, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
			TRUE VERT. DEPTH
Ojo Alamo	2660	Sand - wet	
Picacho	3040	Sand - w/ coal and shale streaks - no show	
Chaco	3378	Shale w/ sd streaks - no show	
Cliff House	4548	Sand and shale - tite	
Pt. Lookout	5128	Sand - wet	
Gallop	5812	Sand and shale - oil and gas	
Guana Lopez	6840	Sand and shale - poss. shows	
Greenhorn	7152	Sandy lime - oil and gas shows	
Dakota A	7244	Sand w/ shale streaks - oil and gas	
Dakota B	7380	Sand w/ shale streaks - oil and gas	
Burro Canyon	7478	Sand - wet	

JICARILLA 47-39 ATTACHMENTS

28. Cementing record:

8 5/8" surface casing: 170 sks (200 cf) Class 'B' 3% CaCl_2 , 1/4 lb./sk
Flocele

4 1/2" production casing:

First Stage: 985 sks (1409 cf) 50/50 Pozmix, 2% gel, 6 1/4 lb/sk
Gilsonite, 6 lb/sk salt

Second Stage: 485 sks (1028 cf) 65/35 Pozmix, 6% gel, 12 1/4 lb/sk
Gilsonite

Tail in with 50 sks (59 cf) Class 'B' Neat.

31. Perforation Record:

Dakota 'D':	7258, 7260, 7262, 7264, 7266, 7268, 7270,	3 spf, 21 holes
Dakota 'B':	7336, 7338, 7340	4 spf, 12 holes
Dakota 'A':	7419, 7421, 7423, 7425,	4 spf 16 holes
Greenhorn:	7178, 7180, 7182, 7184, 7192, 7194, 7196	4 spf, 28 holes
Tocito:	6944, 6946, 6948, 6950,	4 spf, 16 holes
Gallup:	6153, 6178, 6181, 6183, 6198, 6203, 6206, 6210, 6228, 6232, 6235, 6238, 6246, 6252, 6256, 6272, 6334, 6363, 6376, 6378, 6380, 6382, 6384, 6386, 6388	3 spf, 75 holes

32. Acid, shot, fracture:

Dakota 'D'	)	300 gal. 7 1/2% Acetic Acid
Dakota 'B'	)	103,750 lbs. 20/40 sand
Dakota 'A'	)	3,374 bbls. water
Tocito:	)	250 gal. 7 1/2% Hcl
Greenhorn:	)	27,250 lbs. 20/40 sand 1,341 bbls. water
Gallup:		400 gal. 7 1/2% Hcl 88,800 lbs 20/40 sand 2,840 bbls. water