

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 'G' - 2127' FNL & 2003' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED

8/14/85

16. DATE T.D. REACHED

8/28/85

17. DATE COMPL. (Ready to prod.)

9/19/85

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

7320' GR

19. ELEV. CASINGHEAD

7321'

20. TOTAL DEPTH, MD & TVD

7535' KB

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

7491' KB

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7535

No

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

Dakota 'D': 7407'-7432'; Greenhorn: 7151'-7198'; Gallup: 5951'-6400';
Dakota 'A': 7240'-7270'; Tooto: 6950'-6954'25. 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"	24 lb./ft.	214' KB	12 1/4"	SEE ATTACHED	None
4 1/2"	11.6 lb./ft.	7535' KB	7 7/8"	SEE ATTACHED	None

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7389.86' KB	None
						S. N. @ 7353' KB	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)

SEE ATTACHED

AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION

9/19/85

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
9/20/85	24 hours	2"	→	136	17	39	125
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
145	165	→	136	17	39	42°	

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

To be sold, used for fuel

WITNESSED BY
ANDY BIRDSSELL

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

BY

DATE

9/23/85

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

NMOC

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUM VERT. DEPTH
Ojo Alamo	2610'	2785'	Sand - Wet			
Pictured Cliffs	3029'	3100'	Sand w/ coal and shale strks - no show			
Chacra	3379'	3640'	Shale w/ sand streaks - no show			
Cliff House	4574'	4642'	Sand and shale - tite			
Point Lookout	5136'	5210'	Sand - wet			
Gallup	5834'	6458'	Sand and shale - oil and gas			
Juana Lopez	6838'	6960'	Sand and shale - poss. shows			
Greenhorn	7150'	7212'	Sandy lime - oil and gas shows			
Dakota 'A'	7237'	7320'	Sand w/ shale streaks - oil and gas			
Dakota 'D'	7380'	7460'	Sand w/ shale streaks - oil and gas			
Burro Canyon	7485'	Still in at T.D.	Sand - wet			

Jicarilla Apache 47-15 Well:

28. Spud: Cemented with 160 sks (189 CF) Class B neat, 1/4 lb/sk Flocele, 3% calcium chloride.

Casing: Cemented 1st stage with 292 sks (584 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite, followed by 630 sks (901 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.
Cemented 2nd stage with 500 sks (1165 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite.
Tailed in with 50 sks (59 CF) Class B neat

31. Perforation Record:

Dakota 'D': 7407', 7412', 7415', 7417', 7420', 7422', 7424', 7426',
7428', 7430', 7432', 4 SPF, 44 holes.

Dakota 'A': 7240', 7254', 7256', 7258', 7260', 7262', 7264', 7266',
7268', 7270', 3 SPF, 30 holes.

Greenhorn: 7151', 7153', 7167', 7177', 7179', 7181', 7192', 7194', 7198',
3 SPF, 27 holes.

Tocito: 6950', 6952', 6954', 3 SPF, 9 holes.

Gallup: 5951', 5953', 5971', 6076', 6138', 6169', 6187', 6193',
6209', 6216', 6246', 6248', 6254', 6256', 6262', 6264',
6276', 6278', 6280', 6282', 6315', 6335', 6337', 6346',
6349', 6351', 6353', 6355', 6357', 6359', 6368', 6370',
6380', 6385', 6387', 6389', 6391', 6393', 6395', 6397',
6400', 2 SPF, 82 holes.

32. Acid, Fracture:

Dakota 'D': 250 gal. 7 1/2% acetic acid
90,000 lbs. 20/40 sand
2,484 bbls. water

Dakota 'A':) 300 gal. 7 1/2% Hcl
Greenhorn:) 90,000 lbs 20/40 sand
Tocito:) 2,477 bbls. water

Gallup: 400 gal. 7 1/2% Hcl
100,000 lbs. 20/40 sand
3,275 bbls. water