

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 ☐
DEC 10 1985

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 'A' 338' FNL & 850' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11/9/85

16. DATE T.D. REACHED

11/21/85

17. DATE COMPL. (Ready to prod.)

12/4/85

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

7302' GR

19. ELEV. CASINGHEAD

7303'

20. TOTAL DEPTH, MD & TVD

7565' KB

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

7537' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7565' KB

None

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

Dakota 'D': 7418'-7440'

Greenhorn: 7172'-7191'

Dakota 'A': 7235'-7270'

Tocito: 6962'-6969'

Gallup: 5942'-6413'

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#	211.51' KB	12 1/4"	SEE ATTACHMENT	NONE
4 1/2"	11.60	7565' KB	7 7/8"	SEE ATTACHMENT	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7347' KB	NONE

S.N. @ 7311' KB

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT	

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12/5/85		Swabbing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12/6/85	24 hours	2"	→	122	21	45	148	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
125	159	→	122	21	45	43°		

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

To be sold, used for fuel

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

President

DATE

12/9/85

*(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 83, 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 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 only 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: "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.	38.	NAME	GEOLOGIC MARKERS	MEAS. DEPTH	TOR	TRUE TEST DEPTH
Ojo Alamo	2618'	2795'	Sand - wet						
Pictured Cliffs	3054'	3126'	Sand - w/ coal and shale strks - no show						
Chacra	3396'	4548'	Shale w/ sand streaks - no show						
Cliff House	4548'	4585'	Sand and shale - tite						
Point Lookout	5177'	5355'	Sand - wet						
Gallup	5850'	6467'	Sand and shale - oil and gas						
Juana Lopez	6850'	6970'	Sand and shale - possible shows						
Greenhorn	7148'	7210'	Sandy lime - oil and gas shows						
Dakota 'A'	7233'	7342'	Sand w/ shale streaks - oil and gas						
Dakota 'D'	7380'	7460'	Sand w/ shale streaks - oil and gas						
Burro Canyon	7480'	still in at T. D.	Sand - wet						

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

Jicarilla Apache 47-18

28. Cementing Record:

Spud: Cemented with 180 sks (212 CF) Class B, 3% calcium chloride,
1/4 lb/sk Flocele.

Casing: 1st stage: 900 sks (1287 CF) 50/50 pozmix, 2% gel, 6¼ lb/sk
Gilsonite, 6 lb/sk salt.

2nd stage: 460 sks (975 CF) 65/35 pozmix, 6% gel, 12¼ lb/sk
Gilsonite. Tailed in with 50 sks (59 CF) Class B neat.

31. Perforation Record:

Dakota 'D': 7418', 7420', 7422', 7424', 7426', 7428', 7430', 7434', 7436',
7438', 7440', 4 SPF, 44 holes.

Dakota 'A': 7235', 7237', 7239', 7241', 7255', 7260', 7262', 7264', 7266',
7268', 7270', 3 SPF, 33 holes.

Greenhorn: 7172', 7176', 7179', 7138', 7186', 7189', 7191', 3 SPF, 21 holes.

Tocito: 6962', 6964', 6969', 3 SPF, 9 holes.

Gallup: 5942', 5944', 6207', 6225', 6229', 6236', 6246', 6248', 6256',
6262', 6269', 6286', 6288', 6290', 6293', 6322', 6324', 6350',
6352', 6360', 6393', 6395', 6397', 6399', 6401', 6403', 6405',
6409', 6411', 6413', 3 SPF, 90 holes.

32. Acid, Fracture:

Dakota 'D':
250 gal 7½% acetic acid
85,000 lbs 20/40 sand
2,400 bbls water

Dakota 'A')
Greenhorn): 300 gal 7½% Hcl
90,000 lbs 20/40 sand
Tocito) 2,500 bbls water

Gallup:
400 gal 7½% Hcl
100,000 lbs 20/40 sand
3,470 bbls water