

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 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, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Unit 'K' - 1650' FWL & 2310' FSL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 5/3/84 16. DATE T.D. REACHED 5/18/84 17. DATE COMPL. (Ready to prod.) 5/25/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7219' GR, 7233' KB 19. ELEV. CASINGHEAD 7220'

20. TOTAL DEPTH, MD & TVD 7429' KB 21. PLUG, BACK T.D., MD & TVD 7411' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 10-7429' KB

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota 'D': 7286'—7348' Greenhorn: 7076'—7106' Gallup: 5754'—6294'
Dakota 'A': 7160'—7198' Tociro: 6851'—6855'

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction, Density 27. WAS WELL COBED 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	232' KB	12 1/4"	170 Sks (200 CF)	None
4 1/2"	11.6	7429' KB	7 7/8"	1650 Sks (2707 CF)	None
				SEE ATTACHED	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7240' 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 5/26/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 5/28/84 HOURS TESTED 24 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD 112 OIL—BBL. 112 GAS—MCF. 18 WATER—BBL. 40 GAS-OIL RATIO 161

FLOW. TUBING PRESS. 122 CASING PRESSURE 145 CALCULATED 24-HOUR RATE 112 OIL—BBL. 112 GAS—MCF. 18 WATER—BBL. 40 OIL GRAVITY-API (CORR.) 42

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 records

SIGNED

D. W. Thayer

TITLE President

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

ACCEPTED FOR RECORD

MAY 29 1984

FARMINGTON RESOURCE AREA

NMOCC

RW

Smm

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, of 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, 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; CORRELATE 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.
Ojo Alamo	2460'	2608'	Sand - wet
Picture Cliffs	2884'	2944'	Sand - with coal & shale streaks
Chacra	3248'	3862'	Shale - with sand streaks - no show
Cliff House	4412'	4606'	Sand and shale
Point Lookout	4930'	5174'	Sand - possible show
Gallop	5724'	6320'	Sand and shale - oil & gas
Tocito	6738'	6862'	Sand and shale - possible show
Greenhorn	7060'	7118'	Sandy Lime - oil & gas shows
Dakota 'A'	7160'	7260'	Sand - oil & gas
Dakota 'D'	7282'	7370'	Sand - oil and gas
Burro Canyon	7398'	Still in at T.D.	Sand - wet

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
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RECEIVED
JUN 6 1984
OIL CON. DIV.
DIST. 3

PERFORATION RECORD

Dakota 'D': 7286', 7306', 7310', 7312', 7314', 7316',
7318', 7320', 7322', 7324', 7326', 7330',
7332', 7334', 7336', 7338', 7342', 7344',
7348', 3 SPF, 57 Holes

Dakota 'A': 7160', 7166', 7168', 7170', 7172', 7198',
3 SPF, 18 Holes

Greenhorn: 7076', 7083', 7094', 7100', 7102', 7106',
3 SPF, 18 Holes

Tocito: 6851', 6853', 6855', 3 SPF, 9 Holes

Gallup: 5754', 5789', 5810', 5812', 5819', 5825',
5842', 5915', 5970', 5984', 6063', 6068',
6071', 6076', 6081', 6100', 6104', 6114',
6126', 6128', 6131', 6140', 6150', 6166',
6168', 6170', 6172', 6174', 6176', 6182',
6190', 6195', 6214', 6224', 6230', 6280',
6286', 6290', 6292', 6294', 2 SPF, 80 Holes

ACID - FRACTURE

Dakota 'D': 200 Gal. 7½% Acetic Acid
90,000 lbs. 20/40 Sand
2,400 Bbls. Water

Dakota 'A': 300 Gal. 7½% Hcl
Greenhorn: 70,000 lbs. 20/40 Sand
Tocito: 1,900 Bbls. Water

Gallup: 600 Gal. 7½% Hcl
145,000 lbs. 20/40 Sand
3,780 Bbls. Water

CEMENTING

Spud: Cemented with 170 sks (200 CF) Class B neat, 3% calcium
chloride, 1/4 lb/sk Flocele.

1st stage: Cemented with 1200 sks (1716 CF) 50/50 pozmix, 2% gel,
6¼ lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: Cemented with 400 sks (932 CF) 65/35 pozmix, 12% gel,
6¼ lb/sk Gilsonite. Tailed in with 50 sks (59 CF)
Class B neat.