

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

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 'G' 1980' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. OF LAND STATE INSTALLED
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #70

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 70

9. WELL NO.

17

10. FIELD AND POOL, OR WILDCAT

South Lindrith Gallup-Dakota

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA

Sec. 34, T24N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUN

6-27-84

16. DATE T.D. REACHED

7-10-84

17. DATE COMPL. (Ready to prod.)

7-25-84

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

7019' GL, 7032' KB

19. ELEV. CASINGHEAD

7020'

20. TOTAL DEPTH, MD & TVD

7425' KB

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

7378' KB

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

ROTARY TOOLS:

0-7425

CABLE TOOLS:

NO

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

Dakota 'D': 7222'-7280' Greenhorn: 6986'-7034'

Gallup: 5786'-6240'

Dakota 'A': 7082'-7132' Tootito: 6784'-6790'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction & 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	220' KB	12 1/4"	170 Sks. (200 CF)	None
4 1/2"	11.60	7425' KB	7 7/8"	1640 Sks. (2747 CF)	None
				(SEE ATTACHED)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKS SET (MD)
					2 3/8"	7217' KB	None
						7181' KB SN	

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

7/26/84

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

Swabbing

DATE OF TEST

7/27/84

HOURS TESTED

24 Hrs.

CHOKE SIZE

2"

PROD'N. FOR
TEST PERIOD

→

OIL—BBL.

121

GAS—MCF.

23

WATER—BBL.

48

GAS-OIL RATIO

190

FLOW. TUBING PRESS.

140 PSI

CASING PRESSURE

160 PSI

CALCULATED
24-HOUR RATE

→

OIL—BBL.

121

GAS—MCF.

23

WATER—BBL.

48

OIL GRAVITY API. (CORR.)

43°

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

To be sold, used for fuel

TEST WITNESSED BY

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. Kelly

TITLE President

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

NMOCC

FARMINGTON RESOURCE AREA
SM

RV

200101010101

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 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 38. 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 25: "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 TEST, TIME TOOL OPEN, FLOWING AND SEEDING PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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Ojo Alamo	2380	2552	Sand - wet
Picture Cliffs	2810	2848	Sand - with coal and shale streaks
Chacra	3196	3376	Shale - with sand streaks - no shows
Cliff House	4398	4818	Sand and shale - tight
Palm Lookout	5008	5130	Sand - possible show
Gallup	5682	6274	Sand and shale - oil and gas
Tocito	6678	6794	Sand and shale - possible shows
Greenhorn	6976	7045	Sandy lime - oil and gas shows
Dakota 'A'	7066	7114	Sand - oil and gas
Dakota 'D'	7216	7275	Sand - oil and gas
Burro Canyon	7318		Sand - wet

Still in at T.D.

38. GEOLOGIC MARKERS

NAME	MEAS.	DEPTH	TRUE VERT. DEPTH
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SIGNED

U. S.

GOVERNMENT

PRINTING

OFFICE: 1975

574-472

DEPT. OF THE INTERIOR

U. S. GEOLOGICAL SURVEY

WASHINGTON, D. C.

20541

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PERFORATION RECORD - 70-17

DAKOTA 'D': 7222', 7234', 7249', 7258', 7260', 7262', 7264', 7267',
7270', 7275', 7280', 4 SPF, 44 holes.

DAKOTA 'A': 7082', 7084', 7086', 7088', 7090', 7092', 7094', 7096',
7098', 7100', 7104', 7106', 7108', 7112', 7130', 7132',
3 SPF, 48 holes.

GREEHNORN: 6986', 6990', 6994', 7001', 7006', 7010', 7018', 7021',
7024', 7029', 7034', 3 SPF, 33 holes.

TOCITO: 6784', 6786', 6788', 6790', 3 SPF, 12 holes.

GALLUP: 5786', 5792', 5837', 6009', 6038', 6041', 6046', 6056',
6069', 6072', 6076', 6079', 6089', 6092', 6102', 6108',
6119', 6121', 6131', 6133', 6151', 6155', 6160', 6168',
6179', 6185', 6191', 6198', 6200', 6202', 6204', 6209',
6214', 6218', 6220', 6222', 6224', 6226', 6228', 6230',
6232', 6234', 6238', 6240', 2 SPF, 88 holes.

ACID FRACTURE

DAKOTA 'D': 200 gal 7½% Acetic Acid
82,100 lbs. 20/40 sand
2,617 bbls. water

DAKOTA 'A':) 300 gal 7½% Hcl
GREENHORN:) 85,000 lbs. 20/40 sand
TOCITO:) 2,290 bbls. water

GALLUP: 400 gal 7½% Hcl
104,900 lbs. 20/40 sand
3,511 bbls. water

CEMENTING

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

1st stage: Cemented with 1130 sks (1616 CF) 50/50
pozmix, 2% gel, 6¼ lb/sk Gilsonite, 6 lb/sk
salt.

2nd stage: Cemented with 460 sks (1072 CF) of 65/35
pozmix, 2% gel, 6¼ lb/sk Gilsonite.
Tailed in with 50 sks (59 CF) Class B
neat.

RECEIVED
AUG 06 1984