

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 'F' - 1980' FNL & 1980' FWL

At top prod. interval reported below

At total depth

OIL CON. DIV.
DIST. 3

RECEIVED
JUL 21 1983

14. PERMIT NO.

U.S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #71

9. WELL NO.

118

10. FIELD AND POOL, OR WILDCAT

South Lindrith Gallup Dakota

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

Section 3, T23N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

6-17-83

16. DATE T.D. REACHED

7-1-83

17. DATE COMPL. (Ready to prod.)

7-15-83

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

7233' KB 7221' GL

19. ELEV. CASINGHEAD

7222'

20. TOTAL DEPTH, MD & TVD

7540' KB

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

7497' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

0-7540'

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

akota 'D': 7405-7433'

Tocito: 6867-6951'

Greenhorn: 7160-7198'

akota 'A': 7241-7287'

Gallup: 6189-6395'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density Logs

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	216' KB	12 1/2"	SEE ATTACHED	NONE
4 1/2"	11.6	7540' KB	7 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6500' KB	NONE

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

43.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-18-83		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-19-83	24	2"	→	129	22	42	170.5
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
126	165	→	129	22	42	42	

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

Vented - to be sold

TEST WITNESSED BY

Frank W. Miller

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

Frank W. Miller

TITLE President

DATE 7/20/83

JUL 27 1983

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

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

NMOCC

BY

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2546	2714	Sand - Wet
Pictured Cliffs	3013	3096	Sand w/ coal and shale strks - no show
Chacra	3359	3983	Shale w/ sd streaks - no show
Cliff House	4554	4646	Sand and shale - tite
Point Lookout	5084	5313	Sand - wet
Upper Gallup	5828	5979	Sand and shale - oil and gas poss.
Mid Gallup	5979	6184	Sand and shale - oil and gas poss.
Gallup Main	6184	6420	Sand and shale - oil and gas
Tocito	6830	6955	Sand and shale - poss. shows
Greenhorn	7144	7206	Sandy lime - oil and gas shows
Dakota 'A'	7234	7291	Sand w/ shale strks - oil and gas
Dakota 'D'	7367	7454	Sand w/ sh strks - oil and gas
Burro Canyon	7470	-	Sand - wet

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
DIST. 8			

Jicarilla Apache 71-18

29. Cementing Record:

8 5/8" surface: 170 sks. (200 CF) Class B, 3% calcium chloride, 1/4 lb/sk Flocele

4 1/2" longstring:

1st stage: 1200 sks. (1716 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: 400 sks. (932 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite

Tailed in with 50 sk. (59 CF) Class B neat

31. Perforation Record:

6208'

Gallup: 6189', 6193', 6202', 6213', 6224', 6234', 6241', 6249', 6263', 6273',
6276', 6282', 6313', 6316', 6327', 6333', 6336', 6344', 6346', 6348',
6353', 6355', 6375', 6377', 6382', 6384', 6389', 6391', 6395' - 4 SPF, 120 holes.

Tocito: 6867', 6885', 6901', 6943', 6945', 6947', 6949', 6951' - 4 SPF, 32 holes.

Greenhorn: 7160', 7167', 7174', 7178', 7182', 7187', 7193', 7195', 7198' - 4 SPF, 36 holes

Dakota 'A': 7241', 7243', 7248', 7252', 7255', 7258', 7262', 7271', 7275', 7287' -
4 SPF, 40 holes

Dakota 'D': 7405', 7407', 7409', 7411', 7414', 7416', 7424', 7425', 7427', 7433'
4 SPF, 40 holes

32. Acid - Fracture:

Dakota 'D':

250 gal. 7 1/2% acetic acid
90,000 lbs. 20/40 sand
2464 bbls. water

Dakota 'A')

Greenhorn)

Tocito)

400 gal. 7 1/2% Hcl
90,000 lbs. 20/40 sand
2442 bbls water

Gallup:

450 gal. 7 1/2% Hcl
67,000 lbs 20/40 sand

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JUL 28 1983
DIV.
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