

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

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, New Mexico 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface Unit 'A' - 790' FNL + 790' F

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #47

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #47

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Chacon Dakota

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

Sec. 13, T23N, R4W

NE1/4

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED 9/28/83 16. DATE T.D. REACHED 10/10/83 17. DATE COMPL. (Ready to prod.) 10/27/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7385' GL, 7397' KB 19. ELEV. CASINGHEAD 7386'

20. TOTAL DEPTH, MD & TVD 7610' KB 21. PLUG BACK T.D., MD & TVD 7579' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7610' KB 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 'D': 7472' - 7495'

Dakota 'A': 7312' - 7323'

Dakota 'B': 7386' - 7395'

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.	228' KB	12-1/4"	176 sks. (208 CF)	None
4 1/2"	11.6 lb/ft.	7610' KB	7 7/8"	1740 sks. (2863 CF)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6591'	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

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/28/83		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/29/83	24	2"	→	71	9	21	127
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
140 PSI	155 PSI	→	71	9	21	43°	

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

B.W. Miller (gas)

TITLE

President

DATE

November 1, 1983

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

NMOCC

FARMINGTON RESOURCE AREA

BY

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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 and 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 POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND, ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CEMENT USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	TOP	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2660	2836	Sand - water wet				
Pic. Cliffs	3040	3150	Sand - w/coal and shale strks. - no shows				
Chacra	3434	4054	Shale w/sd. streaks - no shows				
Cliff House	4624	4734	Sand and shale low porosity				
Pt. Lookout	5084	5348	Sand - water wet				
Upper Gallup	5872	6030	Sand and shale - poss. hydrocarbons				
Mid Gallup	6030	6228	Sand and shale - oil and gas shows				
Gallup main	6228	6468	Sand and shale - oil and gas shows				
Tucito	6884	7008	Sand and shale - poss. hydrocarbons				
Dakota 'A'	7286	7344	Sand w/shale streaks - oil and gas shows				
Dakota 'D'	7432	7510	Sand w/shale streaks - oil and gas shows				
Buero Canyon	7530	--	Sand - water wet				

RECEIVED
- 1963

JICARILLA APACHE 47-7-JV:

#29. Liner Record:

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

4 1/2" Long String: 1st stage: 1260 sks. (1802 CF) 50/50 pozmix, 2% gel,
6 1/4 lb/sk Gilsonite, 6 lb/sk Salt.

2nd stage: 430 sks. (1002 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': 7472', 7476', 7478', 7481', 7490', 7492', 7495'. 3 SPF,
21 holes.

Dakota 'B': 7386', 7388', 7390', 7392', 7395'. 3 SPF, 15 holes.

Dakota 'A': 7312', 7314', 7316', 7318', 7320', 7323'. 3 SPF,
18 holes.

Greenhorn: 7224', 7226', 7228', 7236', 7239', 7241', 7245'. 3 SPF,
21 holes.

Tocito: 6888', 6890', 6897', 6958', 6960', 6969', 6971', 6998',
7000', 7002', 7004', 7006'. 3 SPF, 36 holes.

Gallup: 5876', 5892', 5990', 6194', 6199', 6201', 6206', 6223',
6236', 6243', 6247', 6257', 6262', 6266', 6273', 6295',
6300', 6304', 6320', 6322', 6375', 6378', 6380', 6382',
6386', 6389', 6394', 6397', 6400', 6403', 6413', 6425',
6432', 6436', 6439', 6444'. 3 SPF, 108 holes.

#32. Acid Fracture:

Dakota 'A') 250 gal. 7 1/2% Acetic Acid
Dakota 'B') 150,000 lbs. 20/40 sand
Dakota 'D') 3,949 Bbls. water

Greenhorn) 400 gal. 7 1/2% Hcl
Tocito) 37,700 lbs. 20/40 sand
1,330 Bbls. water

Gallup: 450 gal. 7 1/2% Hcl
138,250 lbs. 20/40 sand
3,700 Bbls. water

RECEIVED
NOV 4 - 1983
OIL CON. DIV.
DIST. 3

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GEOLOGICAL SURVEY

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(See other in-
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WELL COMPLETION OR RECOMPLETION REPORT

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 ☐ NOV 4 - 19832. NAME OF OPERATOR
Chace Oil Company3. ADDRESS OF OPERATOR
313 Washington, S.E., Albuquerque, New Mexico 871084. LOCATION OF WELL (Report location clearly and in accordance with State requirements)
At surface Unit 'A' - 790' FNL + 790' FEL

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #47

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract #47

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

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

Sec. 13, T23N, R4W
NE1 NE1

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 9/28/83 16. DATE T.D. REACHED 10/10/83 17. DATE COMPL. (Ready to prod.) 10/27/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 7385' GL, 7397' KB 19. ELEV. CASINGHEAD 7386'

20. TOTAL DEPTH, MD & TVD 7610' KB 21. PLUG, BACK T.D., MD & TVD 7579' KB 22. IF MULTIPLE COMPL., HOW MANY * 23. INTERVALS DRILLED BY 0 - 7610' KB

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *
Greenhorn: 7224' - 7245' Gallup: 5876' - 6444'
Tocito: 6888' - 7006'25. TYPE ELECTRIC AND OTHER LOGS RUN
Induction and Density26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction and Density27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

29. LINER RECORD

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
See attached32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
See attached33. PRODUCTION
DATE FIRST PRODUCTION 10/28/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing WELL STATUS—(Producing or shut-in) Producing
DATE OF TEST 10/30/83 HOURS TESTED 24 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD 48 OIL—BBL. 11 GAS—MCF. 12 WATER—BBL. 229 GAS-OIL RATIO
FLOW. TUBING PRESS. 135 PSI CASING PRESSURE 150 PSI CALCULATED 24-HOUR RATE 48 OIL—BBL. 11 GAS—MCF. 12 WATER—BBL. 43 OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold, used for fuel TEST WITNESSED BY Andy Birdsell
35. LIST OF ATTACHMENTS36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED B.W. Miller (Cof) TITLE President DATE November 1, 1983
* (See Instructions and Spaces for Additional Data on Reverse Side) NOV 03 1983

NMOCC

FARMINGTON RESOURCE AREA
RY Snn

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NOV 17 1983
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DST. 3