

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 OCT 11 1983

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other DIV.

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 'N' - 665' FSL & 1925' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

RECEIVED
OCT 3 1983
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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 #71

9. WELL NO.

10-16

10. FIELD AND POOL, OR WILDCAT

S. Lindrith Gallup Dakota

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

Section 3, T23N, R4W

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

15. DATE SPUDDED 8/22/83 16. DATE T.D. REACHED 9/11/83 17. DATE COMPL. (Ready to prod.) 9/21/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7248' GL, 7261' KB 19. ELEV. CASINGHEAD 7248'

20. TOTAL DEPTH, MD & TVD 7563' KB 21. PLUG, BACK T.D., MD & TVD 7520' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7563' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 'D': 7418-7442'; Greenhorn: 7188-7222'; Gallup: 5841-6407'; Dakota 'A': 7262-7306'; Tocoito: 6963-6965'.

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	215' KB	12 1/4"	SEE ATTACHMENT	None
4 1/2"	11.6	7563' KB	7 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6509' KB	None

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)	
9/23/83		Swabbing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9/24/83	24	2"	→	169	21	54	124	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
165	180	→	169	21	54	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

D. W. Miley

TITLE

President

ACCEPTED FOR RECORD

DATE September 29, 1983

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

FARMINGTON RESOURCE AREA

BY

Smn

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 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 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. GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

Ojo Alamo	2551	2728	Sand - Wet		
Pictured Cliffs	3018	3118	Sand - w/ coal and shale streaks - no show		
Chadra	3367	3988	Shale w/ sd streaks - no show		
Cliff House	4542	4617	Sand and shale - tite		
Point Lookout	5095	5344	Sand - wet		
Upper Gallup	5836	5984	Sand and shale - oil and gas		
Mid Gallup	5984	6168	Sand and shale - oil and gas		
Gallup Main	6168	6432	Sand and shale - oil and gas		
Tocito	6845	6975	Sand and shale - poss. shows		
Greenhorn	7164	7226	Sandy lime - oil and gas shows		
Dakota A	7257	7307	Sand w/ sh streaks - oil and gas		
Dakota D	7389	7476	Sand w/ sh streaks - oil and gas		
Burro Canyon	7490		Sand - wet		

Jicarilla Apache 71-16 Attachment:

#28 Cementing record:

Spud: 200 sks (236 CF) Class B cement, 1/4 lb/sk Flocele,
3% calcium chloride.

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

2nd stage - 450 sks (1048 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' zone: 7418', 7420', 7423', 7427', 7429', 7431', 7433',
7435', 7438', 7440', 7442', 4 SPF, 44 holes.

Tocito zone: 6963', 6965', 6968', 6970', 6972', 4 SPF 20 holes.

Greenhorn zone: 7188', 7192', 7194', 7198', 7204', 7206', 4 SPF, 24
holes.
7220', 7222', 4 SPF, 8 holes.

Dakota 'A' zone: 7262', 7265', 7267', 7269', 7271', 7273', 7276', 7279',
7306', 4 SPF, 36 holes.

Gallup zone: 5841', 5868', 5897', 5901', 5905', 5919', 5925', 5927',
5931', 5935', 5973', 2 SPF, 22 holes.
5976', 5978', 5982', 5985', 5988', 5991', 5993', 6003',
6019', 6023', 2 SPF, 22 holes.
6051', 6061', 6073', 6079', 6088', 6094', 6098', 6123',
6127', 6135', 6143', 2 SPF, 22 holes.
6147', 6150', 6154', 6173', 6178', 6190', 6197', 6201',
6205', 6208', 6225', 2 SPF, 22 holes.
6230', 6232', 6235', 6247', 6287', 6291', 6293', 6330',
6343', 6351', 6357', 2 SPF, 22 holes.
6361', 6363', 6380', 6390', 6394', 6396', 6400', 6403',
6407', 2 SPF, 18 holes.

#32. Acid Shot Fracture:

Dakota 'D' zone: 250 gal. 7½% acetic acid
Total fluid: 2,223 bbls.
Total sand: 85,000 lbs

Tocito) 400 gal. 7½% Hcl
Greenhorn) zones Total fluid: 2,422 bbls.
Dakota 'A') Total sand: 90,000 lbs.

Gallup zone: 450 gal. 7½% Hcl acid
Total fluid: 5,447 bbls
Total sand: 230,000 lbs