

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, 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 'I' - 950' FEL & 2295' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

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 Cont. #71

9. WELL NO.

71-28

10. FIELD AND POOL, OR WILDCAT

South Lindrith Gallup Dakota

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

Section 9, T23N, R4W

12. COUNTY OR
PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)*

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

19. ELEV. CASINGHEAD

8/30/85

9/12/85

9/25/85

7122' GR

7123'

20. TOTAL DEPTH, MD & TVD

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

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

ROTARY TOOLS

CABLE TOOLS

7330' TD

7276' KB

→

0-7330'

No

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

Dakota 'D': 7171'-7225'; Tocito: 6742'-6744'; Gallup: 5610'-6180';
Dakota 'A': 7056'-7081'; Greenhorn: 6959'-6992'25. 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"	SEE ATTACHED	None
4 1/2"	11.6 lb./ft.	7330' KB	7 7/8"	SEE ATTACHED	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7150' KB	None
						S.N. @ 7115.77' KB	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

SEE ATTACHED

AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION

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

WELL STATUS (Producing or
shut-in)

9/26/85

Swabbing

Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/27/85	24 hours	2"	→	111	20	53	180
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
138	195	→	111	20	53	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

TITLE

President

DATE

9/30/85

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

NM0000

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.)

JICARILLA APACHE 71-28

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			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	2326'	2434'	Sand - Wet				
Pictured Cliffs	2786'	2832'	Sand - w/ coal and shale streaks - no show				
Chacra	3130'	3340'	Shale - w/ sand streaks - no show				
Cliff House	4294'	4364'	Sand and shale - tite				
Point Lookout	4910'	5075'	Sand - wet				
Gallup	5936'	6188'	Sand and shale - oil and gas				
Juana Lopez	6628'	6752'	Sand and shale - poss. shows				
Greenhorn	6944'	7006'	Sandy lime - oil and gas shows				
Dakota 'A'	7046'	7120'	Sand w/ shale streaks - oil and gas				
Dakota 'D'	7164'	7246'	Sand w/ shale streaks - oil and gas				
Burro Canyon	7268'	Still in at T. D.	Sand - wet				

ATTACHMENT - JICARILLA 71-28 COMPLETION REPORT

28. Cementing Record:

Spud - Cemented with 170 sks (200 CF) Class B neat. Cemented back side with 90 sks (106 CF) Class B neat.

Casing - 1st stage: Cemented with 300 sks (590 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt. Tailed in with 700 sks (1000 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: Cemented with 525 sks (1215 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': 7171', 7192', 7194', 7196', 7198', 7205', 7207', 7211', 7221', 7223', 7225', 4 SPF, 44 holes.

Dakota 'A': 7056', 7058', 7060', 7062', 7064', 7079', 7081', 3 SPF, 21 holes.

Greenhorn: 6959', 6972', 6974', 6983', 6986', 6988', 6992', 3 SPF, 21 holes.

Tocito: 6742', 6744', 3 SPF, 6 holes.

Gallup: 5610', 5713', 5718', 5737', 5968', 5970', 5978', 5987', 5994', 6003', 6005', 6010', 6016', 6018', 6021', 6024', 6027', 6032', 6055', 6057', 6059', 6061', 6063', 6074', 6114', 6118', 6124', 6127', 6130', 6133', 6136', 6139', 6152', 6160', 6166', 6172', 6174', 6176', 6178', 6180', 2 SPF, 82 holes.

32. Acid, Fracture:

<u>Dakota 'D':</u>	250 gal 7 1/2% acetic acid 90,000 lbs 20/40 sand 2,455 bbls water
<u>Dakota 'A')</u> <u>Greenhorn)</u> <u>Tocito)</u>	300 gal 7 1/2% Hcl 65,000 lbs 20/40 sand 2,148 bbls water
<u>Gallup:</u>	400 gal 7 1/2% Hcl 125,000 lbs 20/40 sand 3,350 bbls water