

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES

Submit 1 copy



CONFIDENTIAL

FOR OFFICE USE  
ET FE LC SE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. TYPE OF WELL COALBED  
 OIL  GAS  METHANE  DRY  
 INJECTION  OTHER

1. OPERATOR PHONE  
Leede Oil & Gas, Inc. (303) 721-8000  
ADDRESS 2100 Plaza Tower One, 6400 S. Fiddler's Green Cr.  
Englewood, CO 80111

6. TYPE OF COMPLETION  COMMINGLED  
 NEW WELL  MULTIPLE COMPLETION  
 RECOMPLETION (DATE STARTED)

2. DRILLING CONTRACTOR PHONE  
Murfin Drilling Co., Inc. (316) 267-3241

7. FEDERAL/INDIAN OR STATE LEASE NO.

3. LOCATION OF WELL (Footages from section lines)  
At surface 1500' FEL & 1920' FSL  
At top prod. interval reported below  
At total depth same

4. ELEVATIONS  
KB 3932'  
GR 3922'

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

9. WELL NAME AND NUMBER  
Barnes #1-31

10. FIELD OR WILDCAT  
Jace

WAS DIRECTIONAL SURVEY RUN? NO  YES  IF YES, ATTACH COPY

11. QTR. QTR. SEC. T. R. AND MERIDIAN  
NW SE, 31-T17S-R41W-6th P.M.

12. PERMIT NO.  
911116

13. API NO.  
05 061 6622

14. SPUD DATE  
11/23/91

15. DATE TD REACHED  
12/2/91

16. DATE COMPLETED  
 D&A 12/3/91  
 READY TO PROD

17. COUNTY  
Kiowa

18. STATE  
CO.

19. TOTAL DEPTH  
MD 5450' TVD

20. PLUG BACK TOTAL DEPTH  
MD TVD

21. DEPTH BRIDGE PLUG SET  
MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
DIL/GR, SLD/DSN, Borehole Compensated Sonic

23. WAS WELL CORED? NO  YES  (Submit Analysis)  
WAS DST RUN? NO  YES  (Submit Report)

24. CASING & LINER RECORD (Report all strings set in well)

SIZE	WEIGHT (LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	NO. OF SKS. & TYPE OF CEMENT	SLURRY VOL. (BBL.)	TOP OF CEMENT (Specify calc. or CBL)
8 5/8	23	12 1/4	Surf.	376		100sxStand.	60.1	Surface
						130sxLight		

25. TUBING RECORD - Please Specify # of Strings

SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)

26. PRODUCING INTERVALS

FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF. STATUS (open, squeezed)
A)						
B)						
C)						
D)						

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28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

DEC 31 1991

COLO. OIL & GAS CONS. COMM.

29. PRODUCTION - INTERVAL A

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
			→						

PRODUCTION - INTERVAL B

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
			→						

COMPLETE AND SIGN BACK PAGE

**PRODUCTION - INTERVAL C**

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKESIZE	FLOW TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

**PRODUCTION - INTERVAL D**

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKESIZE	FLOW TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

30. PLEASE ATTACH AN 8 1/2" x 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION. FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

**31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):**

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.

**32. FORMATION (LOG) MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP
					MEAS DEPTH
Dakota	1214			See #31.	
Blaine	2060				
B Stone Corral	2682		See Enclosed Geological Report		
Shawnee	3876				
Marmaton	4562				
Atoka	4864				
Morrow	5016				
TD	5450		One (1) DST was run from 5044 - 5154'. See attached copy of the report.		

**33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):**

Received plugging procedures from Dave Shelton @ COGCC on 12/02/91. Set plugs as follows:  
 Plug #1 @ 2000' w/ 40 sx standard, wt 15.6 yield 1.18; Cut off 8 5/8" casing 4' below ground level; Weld on plate.  
 Plug #2 @ 1200' w/ 40 sx standard, wt 15.6 yield 1.18;  
 Plug #3 @ 378' w/ 40 sx standard, wt 15.6 yield 1.18;  
 Plug #4 @ Surf. w/ 10 sx standard, wt 15.6 yield 1.18;

**34. CIRCLE ENCLOSED ATTACHMENTS:**

- |   |                              |   |
|---|------------------------------|---|
| <u>1</u> MECHANICAL LOGS (1 full set req'd) | 3. WELLBORE SKETCH (See #27) | <u>6</u> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION |
| <u>2</u> GEOLOGIC REPORT                    | <u>4</u> DST REPORT          | 7. CORE ANALYSIS  |
|   | 5. DIRECTIONAL SURVEY        | 8. OTHER:   |

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Roxane I. Apple

PRINT Roxane I. Apple TITLE Operations Assistant

DATE 12/30/91