

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Krause WN Federal

9. WELL NO.

3E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota - Dakota

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

33-28N-11W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

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

ARCO Oil and Gas Company

Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 5540, Denver, Colorado 80217

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

At surface

835' FNL & 1810' FWL

At top prod. interval reported below

Approx. the same

At total depth

API #30-045-24288

14. PERMIT NO.

DATE ISSUED

Mr. Becher

4-17-80

15. DATE SPUDDED

7-3-80

16. DATE T.D. REACHED

7-14-80

17. DATE COMPL. (Ready to prod.)

8-11-80

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

5864' GL; 5877' DF; 5878' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6471'

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

6447'

22. IF MULTIPLE COMPL.,
HOW MANY*

1

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-6471'

CABLE TOOLS

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

Dakota 6256' - 6374'

25. WAS DIRECTIONAL
SURVEY MADE*

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DIL; CBL; CNL

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#	339'	12-1/4"	200 SX	NONE
4-1/2"	10.5#	6471'	7-7/8"	985 SX	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	6238'	NONE

31. PERFORATION RECORD (Interval, size and number)

Dakota 6256'-6374' 21 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6385'	100 gals 15% HCL
6256'-6374'	1200 gals 15% HCL & 42 ball sealers
6256'-6374'	112,000 gals 2% KCL wtr & 367,000# 20/40 mesh sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
WO CONNECTION		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-11-80	24 hrs	48/64"	→	trace	297	24 (frac)	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
52#	341#	→	trace	297	24 (frac)	---	

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

TO BE SOLD

TEST WITNESSED BY

Bex Hitchcock

35. LIST OF ATTACHMENTS

2 of #26 above and Daily Well History

36. I hereby certify that the foregoing and attached information is complete and correct and that I have reviewed all available records

SIGNED

W. A. Walther, Jr.

TITLE

Operations Manager

DATE

8-13-80

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

ACCEPTED FOR RECORD

AUG 22 1980

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:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVALS TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAN DEPTH
			TRUE VERT. DEPTH	
NO CORES AND NO DST'S			Pictured Cliffs	1754'
			Lewis Shale	1953'
			Mesaverde	3306'
			Upper Mancos	4478'
			Gallup	5360'
			Lower Mancos	5933'
			Greenhorn	6156'
			Graneros	6216'
		Dakota	6330'	