



OF THE STATE OF COLORADO

File in triplicate for Patented and Federal lands.  
File in quadruplicate for State lands.

RECEIVED

NOV 5 1975

12

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  
BOBCAT OIL COMPANY, et al

3. ADDRESS OF OPERATOR  
450 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface NW SW (1980' FSL & 660' FWL) Sec. 21  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 75-560 DATE ISSUED 7/1/75

5. LEASE DESIGNATION AND SERIAL NO. \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME ANDERSON

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 21-T3S-R52W

12. COUNTY Washington 13. STATE Colorado

15. DATE SPUDDED 10/16/75 16. DATE T.D. REACHED 10/19/75 17. DATE COMPL. Ready-to-prod 10/19/75 (Plug & Abd.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4814' GL - 4822' KB 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 4450' KB 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY D&A 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 4450' CABLE TOOLS -0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) D&A 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger 27. WAS WELL CORED YES  NO  (Submit analysis) DRILL STEM TEST YES  NO  (See reverse side)

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" OD	24#	130' KB	12-1/4"	125 sx cement circ to surface	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NONE				NONE	

31. PERFORATION RECORD (Interval, size and number) D&A 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL
	J&A
	J&B
	G&H
	C&M

33. PRODUCTION

DATE FIRST PRODUCTION D&A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) D&A WELL STATUS (Producing or shut-in) D&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
Electric Logs & Geological Well Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Cliff Haigron TITLE Agent DATE 10/28/75

See Spaces for Additional Data on Reverse Side

DVR	<input checked="" type="checkbox"/>
FJP	<input checked="" type="checkbox"/>
HMM	<input checked="" type="checkbox"/>
J&A	<input checked="" type="checkbox"/>
J&B	<input checked="" type="checkbox"/>
G&H	<input checked="" type="checkbox"/>
C&M	<input checked="" type="checkbox"/>

10727

61

**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.
<p>See Electric Logs &amp; Geological Well Report attached.</p>			

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Empty table body for Geologic Markers		



# BOBCAT OIL COMPANY

450 DENVER CLUB BUILDING  
518 SEVENTEENTH STREET  
DENVER, COLORADO 80202

RECEIVED  
NOV 15 1975  
COLO. OIL & GAS CONS. COMM.

PHONE (303) 222-9484

## WELL REPORT

ANDERSON #1  
NW SW Sec. 21-T3S-R52W  
Washington County, Colorado

By:

Claus Axelsen, Geologist

DVR	
FJP	
HMM	<input checked="" type="checkbox"/>
JAM	
JJD	<input checked="" type="checkbox"/>
GCH	
CGM	

*File*



SUMMARY

OPERATOR: Bobcat Oil Company  
WELL: Anderson #1  
LOCATION: NW SW Sec. 21-T3S-R52W  
COUNTY: Washington  
STATE: Colorado  
ELEVATIONS: 4822' KB - 4814' GL  
CASING: 8-5/8" set @ 130' KB  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 4450' Driller - 4447' Logger  
TOTAL DEPTH FORMATION: "J" Sand  
SPUD: 10/16/75  
COMPLETED: 10/19/75  
CORES: None  
DRILL STEM TESTS: None  
LOGS: IES and Densilog, Dresser Atlas  
CONTRACTOR: Exeter Drilling Northern  
PRODUCTION: None



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## DISCUSSION

Bobcat Oil Company, St. Joe Petroleum, The Grayrock Corp., et al, Anderson #1 was drilled in the Northwest of the Southwest of Section 21, Township 3 South, Range 52 West in Washington County, Colorado. The prime objective of the wildcat was the "J" sand of Lower Cretaceous age.

The "D" sand was topped at 4300' (+524 subsea). The zone has several benches of sand 6' to 8' thick. The samples indicated the sands had fair to good porosity, however, no shows were encountered. Log analysis indicated the zone to be wet and non-productive.

The "J" sand was topped at 4356' (+468 subsea). The zone consisted of fine to medium grained sand that has fair to good porosity and permeability. Log analysis indicated porosities ranged from 22% to 23%. No shows were seen in the samples and log analysis indicated the zone to be wet and non-productive.

The Anderson #1 was plugged on the basis of log calculations and the lack of shows in the samples.



DAILY DRILLING CHRONOLOGY

<u>DATE</u>	<u>DEPTH</u>	<u>ACTIVITY</u>	<u>FEET MADE</u>
10/16/75	130'	Spud well @ 3:00 PM 10/16/75.	130'
10/17/75	2125'	Drilling.	1995'
10/18/75	3900'	Drilling.	1775'
10/19/75	4450'	Circ. to log.	550'
10/20/75	4450'	Well is P&A.	0'

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEV.</u>
3564'	$\frac{1}{4}$ °
4265'	$\frac{1}{2}$ °

MUD INFORMATION

<u>DEPTH</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>WATER LOSS</u>
3900'	9.8	35	-
4450'	9.9	75	4.2



FORMATION TOPS

<u>FORMATION</u>	<u>LOG DEPTH</u>	<u>DATUM</u>
Niobrara	3376'	+1448
Bentonite	4215'	+ 609
"D" Sand	4300'	+ 524
"J" Sand	4356'	+ 468
Total Depth	4450'	

LOG ANALYSIS

Schlumberger

<u>DEPTH</u>	<u>RT</u>	<u>RW</u>	<u>POROSITY</u> <u>%</u>	<u>WATER</u> <u>%</u>	<u>REMARKS</u>
4314-20'	10	.3	11	100	Wet
4327-33'	10	.3	15	100	Wet
4335-42'	8	.3	19	100	Wet
4358-66'	6	.6	23	100	Wet
4366-80'	7.5	.6	23	100	Wet
4380-90'	9	.6	22	100	Wet

PLUGGING RECORD

Permission and instructions to abandon and plug the well were received from the Colorado Oil and Gas Conservation Commission. Plugs were set 10/19/75 as follows:

- 4450' - 135' KB - Heavy Mud (10#/Gal.)
- 135' - 110' KB - 15 sx cmt in btm of surf csg.
- 110' - 30' KB - Heavy Mud
- 30' - 0' - 10 sx cmt in top of surf csg.

FLOWS  
 " Dead  
 " Scat.  
 OIL  
 80-100%  
 40-80%  
 15-40%  
 5-15%

LITHOLOGY

DEPTH-ACCESSORY  
COMPLETION DATA

POROSITY  
5-13%  
13-18%  
18-23%  
23%+

DST'S

CORES

DRILLING TIME  
MIN/FT

GAS LOG

GEOLOGIST  
 CIRCULATION  
 BIT RECORD  
 DEVIATION

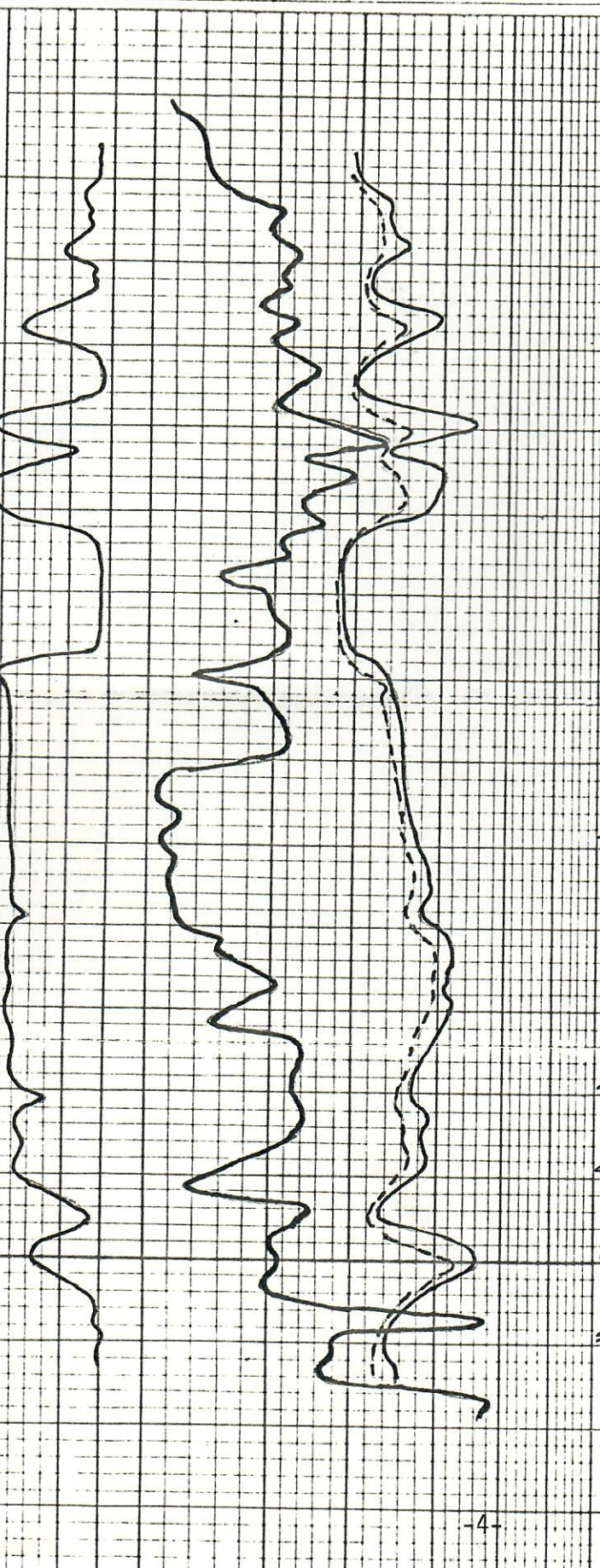


...THOLOGIC DESCRIPTION

SCALE

5 10 15 20 25 30

90  
 4300  
 10  
 20  
 30  
 40  
 50  
 60  
 70  
 80  
 90  
 4400  
 10  
 20  
 30  
 40  
 50



51st-5h

51st sh to ss f-vfg glauc argillaceous tite

ss f-gr. lt gry - med gry argillaceous per per perm tite

ss f-gr. argillaceous tite

ss f-gr argillaceous tite

ss f-med gr. fair-good per friable ad on str

51st-sh.

ss f-med gr. argillaceous tite.

ss med gr. good per perm friable N.S.

aa

ss f-med gr argillaceous tite

aa

aa

aa

ss f-med gr. good per-perm friable N.S.