



00324315

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

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

RECEIVED

FEB 22 1971

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
Edward Mike Davis d/b/a Tiger Oil Company

3. ADDRESS OF OPERATOR
1810 First National Bank Bldg., Denver, Colo., 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface **SW $\frac{1}{4}$ NE $\frac{1}{4}$ - 1980' FNL; 1980' FEL**
 At top prod. interval reported below
 At total depth

14. PERMIT NO. **71-54** DATE ISSUED **1/28/71**

5. LEASE DESIGNATION AND SERIAL NO.
COLO. OIL & GAS CONS. COMM.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Donald

9. WELL NO.
#2-13

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
13 - T3S - R50W

12. COUNTY **Washington** 13. STATE **Colorado**

15. DATE SPUNDED **1/31/71** 16. DATE T.D. REACHED **2/5/71** 17. DATE COMPL. (Ready to prod. or Plug & Abd.) **2/5/71** 18. ELEVATIONS (DF, REB, RT, GR, ETC.) **4487' GR** 19. ELEV. CASINGHEAD **4487'**

20. TOTAL DEPTH, MD & TVD **3944'** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY **3944'** ROTARY TOOLS **None** CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction-Electrical Log 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"	24#	100'	12$\frac{1}{4}$"	80 sacks	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

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
Geological Report

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

SIGNED *W L Davis* TITLE **Geologist** DATE **2/19/71**

DVR ✓
FJP ✓
FHM ✓
JAM ✓

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>Please see attached Geological Report.</p>			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<p>Please see attached Geological Report.</p>		

RECEIVED



THOMAS B. BURNS
PETROLEUM GEOLOGIST
470 DENVER CLUB BUILDING
DENVER, COLORADO 80202
303 - 623-9207

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FEB 22 1971
COLO. OIL & GAS CONS. COMM.

GEOLOGICAL REPORT

Operator	Edward Mike Davis
Well	Donald #2-13
Location	SW/4 NE/4 Section 13, T 3 S, R 50 W Washington County, Colorado
Elevation	4487 Gr. ; 4494 K. B.
Contractor	Gable Drilling Company
Surface Casing	Set 93' of 8-5/8", 24#, @ 100' with 80 sx. Plug down 4:00 a.m., 2/1/71
Commenced	1/31/71
Completed	2/5/71

DAILY DRILLING PROGRESS

1/31/71	Spud; drilled to 1285', set surface.
2/1/71	Commenced drilling @ 11:40 p.m.
2/2/71	8:00 a.m. Drilling @ 2085'.
2/3/71	Trip for Bit #3 @ 3227' from 6:20 a.m. to 12:15 p.m.
2/4/71	Topped "D" @ 5:15 a.m.; topped "J" sand @ 12:00 noon; reached T.D. @ 10:00 p.m.
2/5/71	Ran logs, plugged and abandoned.

ELECTRICAL LOG FORMATION TOPS

Niobrara	2984
Ft. Hays	3320

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COLORADO OIL & GAS CONS. COMM.

Carlile	3381		
Greenhorn	3506		
Bentonite	3705		
"D" Sand	3794	(+700)	
"J" Sand	3842	(+652)	
Total Depth	3944	Drillers	3940

SAMPLE DESCRIPTION

"D" Sand

3794 - 3820

Streaks of sand, silt and shale. Sand fine-grained, white, light gray and light brown, predominantly tight with scattered clusters of white friable clusters, very scattered stain and fluorescence, appears to be highly reworked.

"J" Sand

3842 - 3873

Sandstone, white to light gray, fine-grained, friable, poor to fair porosity, trace very fine-grained, white, clay-filled, well cemented sand near base, no show.

3873 - 3887

Silt and shale.

3887 - 3903

Sandstone, white, fine-grained, clay-filled, streaked with very fine-grained, white, soft, silty sand, no show.

3903 - 3944

Sand and shale, same as above, with trace of clear, fine-grained, clean clusters, trace of reddish-brown, fine-grained, silty sand, grading into siltstone near base, no show.

BIT RECORD

<u>Run</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Jet</u>	<u>Ser. #</u>	<u>Depth Out</u>	<u>Feet</u>
1	7-7/8	STC	DT4	3/14	RT	1315	1200
2	7-7/8	HTC	OSC3S	3/17	RT	3229	1914
3	7-7/8	Reed	T1T	3/16	RT	3832	603
4	7-7/8	HTC	1G	1/2	RT	3940	108

DEVIATION SURVEYS

800'	1/4°	1870'	1/2°
916'	1/4°	2270'	1°
1315'	1/2°	3227'	1°



CONCLUSIONS AND RECOMMENDATIONS

No significant shows were encountered in either the "D" or "J" sands. The Induction-Electric Survey was taken from total depth to surface and recorded no significant zones of interest. It was recommended that no porosity log be run and that the well be plugged and abandoned.

Mr. Frank Piro of the Colorado Oil & Gas Conservation Commission ordered that the well be plugged with heavy mud, a 25-sack plug from 125' up into the base of the surface casing, and a 10-sack plug at the top of the surface casing.

Thomas B. Burns