



00205303

LAND AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

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

RECEIVED

APR 24 1969

COLO. OIL & GAS CONS. COMM.

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

Michael T. Cowen

3. ADDRESS OF OPERATOR

524 Murray Bldg. Grand Rapids, Michigan

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

At surface 1980' from E/L, 1980' from S/L

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

68550

DATE ISSUED

12/23/68

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Weitzel

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WC Disc. *Disc. Summary*

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

NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 7,
T7N, R60W, 6 P.M.

12. COUNTY OR PARISH
Weld

13. STATE

Colorado

15. DATE SPUDDED

1-10-69

16. DATE T.D. REACHED

1-19-69

17. DATE COMPL. (Ready to prod.)

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

4940' Gr., 4951' K.B.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7036'

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

7015'

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

7036'

CABLE TOOLS

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

6992' to 7012' ---"J" Sand

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger IES - ML - PDC

25. WAS DIRECTIONAL SURVEY MADE

Yes- 1 $\frac{1}{4}$ @ T.D.

27. WAS WELL CORED

Yes

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#	215 KB	12 $\frac{1}{4}$ "	150 SX.	
5 $\frac{1}{2}$	15 $\frac{1}{2}$ #	7035	7 7/8"	80 SX.	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	7009	6709

31. PERFORATION RECORD (Interval, size and number)

6992-7002 w/ Hyper Jets--4/ft.

7009-7012 w/ " " 4/ft.

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

DYP

FJP

HHM

JAM

33.

PRODUCTION

DATE FIRST PRODUCTION

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

WELL STATUS (Producing or shut-in)

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.)

3.2 MCF PD

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Cable 4 point drawdown, gas analysis

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

SIGNED

Leon T. Gummere

TITLE

Agent

DATE 4-22-69

See Spaces for Additional Data on Reverse Side

Shut In. Jax

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.
DST #1 6990-99 open 15 min, SI 30 min, open 60 min, SI 30 min. GTS 4 min, flowing @ rate of 13.8 MMCFPD at end of test. Rec. 300' mud. IHP & FHP: 3698-3644 IFP & FFP: 318-317 ISIP & FSIP: 1936-1909			Core #1 7000-7036 Rec. 36 feet 11' Ss, m gr, tan, sub rd, v fri, g P&P lt stn, odor, flor, abun dead oil, CF in part. 6' SS, aa, but much titer. 1' Ss, f gr, gray, CF.
DST #2 7001-15 Open 15 min, SI 30 min, open 90 min, SI 30 min. GTS 5 min, flowing @ rate 500 MCFPD at end of test. Rec. 300' mud, 300' GCM, 60' dist. cut mud, 60' MW. IHP & FHP: 3604-3577 IFP & FFP: 80-239 ISIP & FSIP: 1910-1896			11' Ss, f-m gr, tan, sub ang, vert frac, odor, stn, flor, tite. 1' Ss, m gr, gray, CF, Tite. 6' Ss, f-m gr, grat to tan, partly CF, tite, vert fracs (free oil in fracs).
DST #3 7015-35 Open 15, SI 30 min, open 60 min, SI 30 min. Weak blow died in 40 min. Rec. 290' mud, 230' water w/ sl oil scum. IHP & FHP: 3617-3577 IFP & FFP: 40-106 ISIP & FSIP: 1697-1298			
DST #4 6914-26 Open 30 min, SI 30 min, pkr failed on ISI. V wk blow incr to mod @ end op time. Rec. 1620' mud. Misrun. IHP & FHP: 3524-3510 IFP: 63-93, no FFP no SIP			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	6238	
Ft. Hays	6478	
2nd Grhn.	6724	
Bentonite	6811	
"D" sand	6914	
"J" silt	6976	
"J" sand	6990	

7-7N-60W

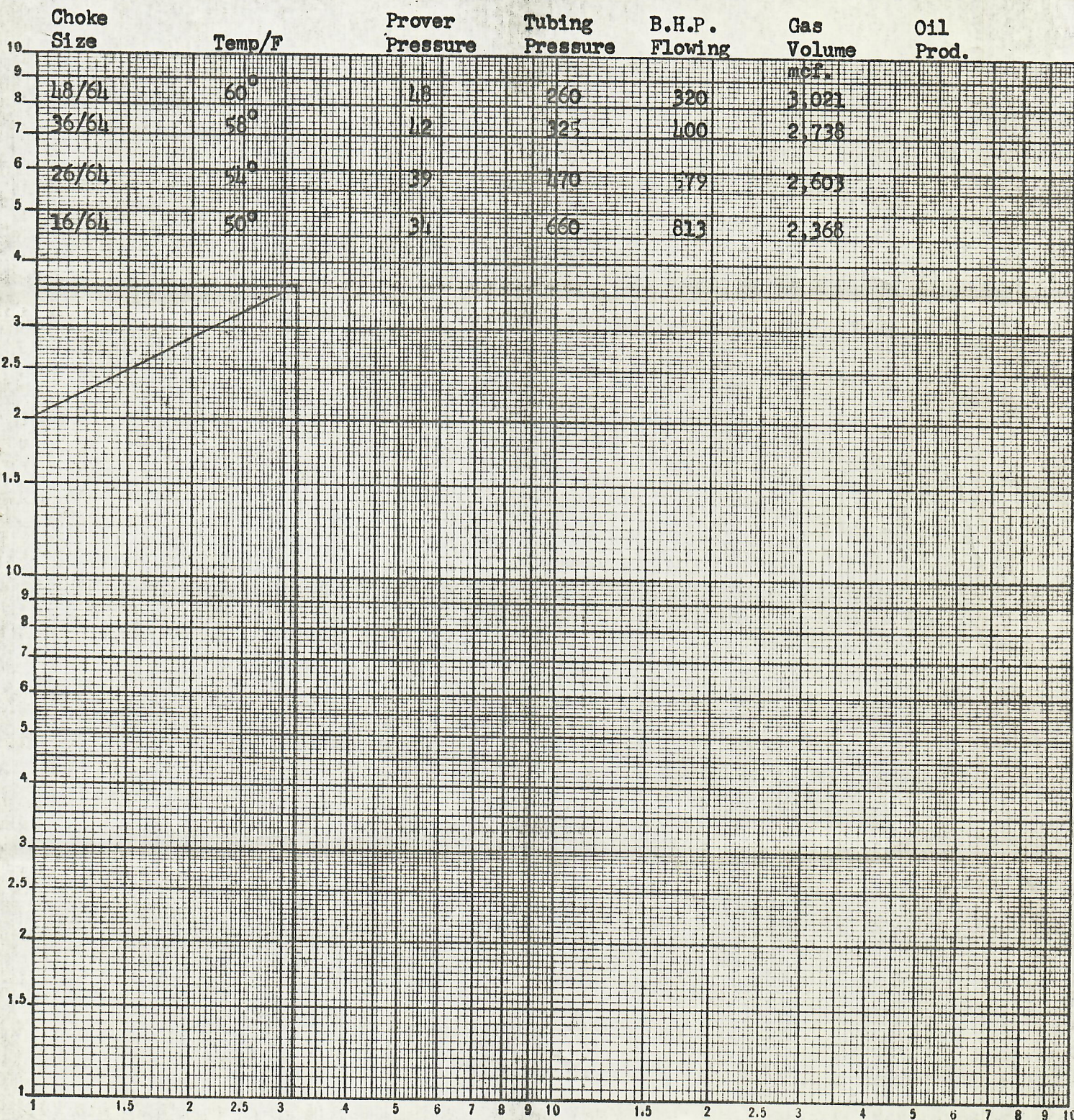
Name of Company: Michael T. Cowen
 County, State: Weld, Colo.
 Name of Well: Weizel #1
 Field: Wildcat
 Date of Test: Feb. 19, 21, 1969

Type of Survey: 4 Point Drawdown
 Specific Gravity: 0.80

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COLO. OIL & GAS CONS. COMM.



Flow rate MCF per day
 Absolute open flow 3,200,000 cf

PE - PW + Thousands of PSI

LOGARITHMIC 359-110G
 KEUFFEL & ESSER CO. MADE IN U.S.A.
 2 X 2 CYCLES

RECEIVED

APR 24 1969

ASSOCIATED PROGRAMS, INC.

COLO. OIL & GAS CONS. COMM.
POST OFFICE BOX 792

PHONE 522-1090

211½ MAIN STREET

STERLING, COLORADO 80751

CHROMATOGRAPHIC GAS ANALYSIS

DATE February 25, 1969

SAMPLE SOURCE/POINT: Cowan, Cummins Weitzel #1

SAMPLE CONDITIONS:

SAMPLE PRESSURE: 60# SAMPLE TEMP. 51°

HEATER TREATER PRESSURE TEMP.

SEPERATOR PRESSURE 60# TEMP. 51°

OTHER

SAMPLED BY: Donald Reitz

ANALYZED BY: Lynn Folkerts

COMPOSITION AS SAMPLED

COMPONENTS	Volume or Mol %	BEST IMAGE AVAILABLE
Nitrogen-N ₂ -----	*	
Carbon Dioxide CO ₂ ----	2.78	
Methane C ₁ -----	75.89	GPM
Ethane C ₂ -----	9.80	
Propane C ₃ -----	3.96	1.089
Isobutane iC ₄ -----	.48	.157
N-Butane nC ₄ -----	1.24	.391
Isopentane iC ₅ -----	.67	.245
N-Pentane nC ₅ -----	1.09	.394
Hexanes Plus C ₆ + -----	4.09	1.948
TOTALS	100.00	4.224

Calculated Specific Gravity (air = 1.000) ----- .836

Calculated Gross Btu per cu. ft. at Standard Conditions 1375

* Combined with Methane C₁

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COLO. OIL & GAS CONS. COMM.



BOX 1187
STERLING, COLORADO

Name of Company Michael Cowen

Field Wildcat

County & State Weld, Colorado

Lease & Well No. Wetzel #1

Elevation _____

Survey Datum- _____ Ft. or _____ Ft.

Type Survey 76 Hour Building

Date of Survey Feb. 19 to 21, 1962

BH Temp. 21.9 °F at 6280 ft.

Well Shut In 6:00 P. M. Feb. 19 1962

Bomb On Bottom 6:00 P. M. Feb. 19 1969

BOMB NO. 10-231 CALIB NO. 2-17-69

HRS. **INCHES**

[illegible]

STATIC				
DEPTH	DEFLECT	PRESSURE (PSIG)	PRESSURE DIFFERENCE	PSIG/FT. GRADIENT
1460	0.960	1116		
5780	1.149	1804	2X	0.002
6750	1.175	1889	1X	0.001
6880	1.179	1893		0.000
6960	1.185	1903	10	0.100
7002est		1905	2	
Approximate depth to fluid 6960'				

0 Time = time RIP instrument first on bottom

[illegible][illegible]