

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
DEC 26 1978
OIL & GAS CON. COMM.

5. LEASE DESIGNATION AND SERIAL NO.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Madden - Hiett
9. WELL NO.
1
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
19-12N-52W

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
The Colton Company and Gear Drilling Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1980' FSL & 1980' FEL of Southeast quarter
At top prod. interval reported below
At total depth Same

14. PERMIT NO. 781163 DATE ISSUED 11/14/78

12. COUNTY Logan 13. STATE Colo.

15. DATE SPUDDED 11/17/78 16. DATE T.D. REACHED 11/21/78 17. DATE COMPL. (Ready to prod. or Plug & Abd.) 11/22/78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4514' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5313' (Log) 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY Surface to TD ROTARY TOOLS None CABLE TOOLS None

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 I-ES & FDC-GR logs 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
<u>8 5/8</u>	<u>24.00</u>	<u>196</u>	<u>12 1/4</u>	<u>130 sacks reg. & 3% chl.</u>	<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)
<u>None</u>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>None</u>		

31. PERFORATION RECORD (Interval, size and number)

<u>None</u>

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>None</u>	

33. PRODUCTION

DATE FIRST PRODUCTION Dry hole 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



36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED George L. Gear TITLE GEAR DRILLING COMPANY PRESIDENT DATE 12/21/78

DVR
FJP
HHM
JAM
JJD
RES
CGM

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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
"D" Sand	5100	5130	Sandstone light grey, VFG, good P&P, clean, no show.	Niobrara	4293'	
"J" Sand	5270		Sandstone, light grey, VFG, well sorted, sli clayey, good P&P, some w/light stain, bright yellow fluor.	Carlile	4664'	
				Greenhorn	4870'	
				"D" Sand	5112'	
				"J" Sand	5232'	
				Skull Creek	5304'	
**** DST #3 cont'd			DST #1: 5254'-64': (J ₃ Sand) Open 10 mins., closed 30 mins., open 60 mins., closed 45 mins. Strong blow, gas to surface in 7 min. into intial shut-in. Maximum 39 psi on 3/8" orifice - 158 mcfpd, steady until end of test.			
Recovered: 75' oil cut mud 60' slightly oil & water cut mud 128' slightly oil & mud cut water (1.46 ohms @ 48° = 5500 ppm)			Recovered: 10' oil 110' heavily oil cut muf 368' water (1.42 ohms @ 58° = 5000 ppm) IFP 83 IHP 2877 FFP 215 FHP 2848 ISIP 945 Temp. 140° FSIP 927			
IFP 84 FFP 109 ISIP 938 FSIP 901 IHP 2859 FHP 2812 Temp. 140°			DST #2: 5237'-55': (J ₂ Sand) Open 10 min., closed 20 min., open 75 min., closed 60 min. Fair blow, 1-3/4 psi, 57 min., gas to surface 3 min. into final shut-in, TSTM			
			Recovered: 70' mud 180' muddy water (2.92 ohms @ 58° = 2225 ppm) Chloride content fairly low, but twice as high as mud filtrate. IFP 80 IHP 2823 FFP 131 FHP 2794 ISIP 933 Temp. 139° FSIP 925			
			DST #3: 5254'-60' : (J ₃ Sand) Open 10 min., closed 30 min., open 60 min., closed 45 min. Strong blow, gas to surface 3 min. into first shut-in, maximum 18-1/4 psi on 1/2" orifice in 15 min. - 167 mcfpd, steady until 40 min. then decreased, 15 psi on 1/2" orifice - 147 mcfpd at end of test.			
