

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

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FOR OFFICE USE			
ET	FE	UC	SE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR **VESSELS OIL & GAS COMPANY** PHONE **(303) 825-3500**

ADDRESS
1050 - 17TH STREET, STE. # 2000

2. DRILLING CONTRACTOR PHONE

5. TYPE OF WELL
OIL ☒ GAS ☐
INJECTION ☐ OTHER ☐
DRY ☐
COALBED METHANE ☐

6. TYPE OF COMPLETION ☒ COMMINGLED
NEW WELL ☐ MULT. COMPLETION
RECOMPLETION Date Started: **03/25/94**

7. FEDERAL/INDIAN OR STATE LEASE NO.

3. LOCATION OF WELL (Footages from section lines)

At surface
990' FSL & 990' FEL

At top prod. interval reported below

At total depth
same as above

WAS DIRECTIONAL SURVEY RUN?

NO ☒

YES ☐

ATTACH COPY

4. ELEVATIONS

5122' KB

5110' GR

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

9. WELL NAME AND NUMBER
ERIE EIGHT 'E' UNIT #1

10. FIELD OR WILDCAT
WATTENBERG

11. QTR. QTR. SEC. T. R. AND MERIDIAN
NW SE SE SECTION 24-1N-69W

12. PERMIT NO. **84-1724** 13. API NO. **05-013-6193** 14. SPUD DATE **2/19/85** 15. DATE TD REACHED **3/2/85** 16. DATE COMPL. **5/11/94** 17. COUNTY **BOULDER** 18. STATE **C O.**

19. TOTAL DEPTH **8505'** MD TVD 20. PLUG BACK TOTAL DEPTH MD TVD 21. DEPTH BRIDGE PLUG SET MD TVD

22. TYPE ELECTRIC & OTHER MECHANICAL LOGS RUN (SUBMIT COPY OF EACH) **DIL, CDL & CBL** 23. WAS WELL CORED? ☒ NO ☐ YES (Submit Analysis)
WAS DST RUN? ☒ NO ☐ YES (Submit Analysis)

24. CASING & LINER RECORD (Report all strings set in well)

SIZE	WEIGHT (LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	NUMBER OF SACKS & TYPE OF CEMENT	SLURRY VOL. (BBL)	TOP OF CEMENT (Specify calc. or CBL)
8-5/8"	24#	12-1/4"		731'		450 SX		surface
4-1/2"	11.6#	7-7/8"		8500'		360 SX 50/50 poz		

25. TUBING RECORD - Please Specify # of Strings:

one

SIZE	DEPTH SET(MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET(MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET(MD)	PACKER DEPTH (MD)
2-3/8"		8340'						

26. PRODUCING INTERVALS

27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMINGLED PRODUCTION (RULE 322)

FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF STATUS (open, squeezed)
A) J-SAND			8356' to 8366'		4 SPF	plugged off permanently
B) CODELL			7912' to 7928'		4 SPF	OPEN
C) NIOBRARA			7500' to 7808'		4 SPF	OPEN
D) COMMINGLED						

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8356' to 8366'	FRAC W/325,000# 20/40 SAND IN 99,900 GALLONS GEL
7912' TO 7928'	FRAC W/334,000# 20/40 SAND IN 89,340 GALLONS FLUID
7500' TO 7808'	FRAC W/300,000# 20/40 SAND IN 93,000 GALLONS FLUID

29. PRODUCTION - INTERVAL A

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
6/28/85	6/28/85	24	-->	0	514	10			
CHOKE SIZE	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
	160	380	-->	0	514	10		PA Permanently plugged off	

PRODUCTION - INTERVAL B

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
6/6/91	06/12/91	24	-->	9	109	8		SOLD	FLOWING
CHOKE SIZE	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
30/64	200	500	-->	9	109	8		PRODUCING	

PRODUCTION - INTERVAL C

FIRST TESTED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
3/17/94	3/24/94	24	-->	6	150	6		SOLD	FLOWING
	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
	120	120	-->	6	150	6	25000:1	PRODUCING L M	

PRODUCTION - INTERVAL D

FIRST TESTED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
5/17/94	5/21/94	24	-->	8	165	10		SOLD	FLOWING
	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
	220	460	-->	8	165	10	20625:1	PRODUCING	

PLEASE ATTACH AN 8.5" X 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WELLSHED DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS AND ALL DRILLSTEM TESTS, INCLUDING DEPTH INTERVAL TEST, CUSHION USED, TIME TO OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES.

32. FORMATION (LOG) MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP
					MEAS. DEPTH
				SUSSEX	4232'
				SHANNON	5198'
				NIORARA	7483'
				TIMPAS	7889'
				CODELL	7910'
				GREENHORN	7970'
				JSND	8353'
				TOTAL DEPTH	8505'

ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

WELL WILL NEVER BE PRODUCED.

CIRCLE ENCLOSED ATTACHMENTS:

- | | | |
|------------------------------|------------------------------|---|
| MECHANICAL LOGS (1 full set) | 3. WELLBORE SKETCH (See #27) | 6. SUNDRY NOTICE FOR PLUGGING & CEMENT VERIFICATION |
| GEOLOGIC REPORT | 4. DST REPORT | 7. CORE ANALYSIS |
| | 5. DIRECTIONAL SURVEY | 8. OTHER: |

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

SIGNED: Madalyn M. Runge

NAME: MADALYN M. RUNGE

TITLE: Production Secretary

DATE: 06/21/94