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**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. OPERATOR **Francis Energy, Inc.** PHONE **(303) 352-8125**

ADDRESS **660 "O" Street, Greeley, Co. 80631**

2. DRILLING CONTRACTOR **Caza Drilling** PHONE **(303) 292-1206**

3. LOCATION OF WELL (Footages from section lines)  
 At surface 1911' FSL, 2151' FEL  
 At top prod. interval reported below Same  
 At total depth Same

4. ELEVATIONS  
 KB 4790  
 GR 4779

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

6. TYPE OF COMPLETION  COMMINGLED  
 NEW WELL  MULTIPLE COMPLETION  
 RECOMPLETION (DATE STARTED)

7. FEDERAL/INDIAN OR STATE LEASE NO. -  
 8. IF INDIAN, ALLOTTEE OR TRIBE NAME -

9. WELL NAME AND NUMBER **Schaffer 2**

10. FIELD OR WILDCAT **Eaton**

11. QTR. QTR. SEC. T. R. AND MERIDIAN **NWSE Sec. 8-6N-65W, 6th. P.M.**

12. PERMIT NO. **91-8** 13. API NO. **05 123-14877** 14. SPUD DATE **1-14-91** 15. DATE TD REACHED **1-18-91** 16. DATE COMPL.  D&A  READY TO PROD **1-31-91** 17. COUNTY **Weld** 18. STATE **CO.**

19. TOTAL DEPTH MD **7295** TVD - 20. PLUG BACK TOTAL DEPTH MD **7273** KB TVD - 21. DEPTH BRIDGE PLUG SET MD - TVD -

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) **CDL/CBL (On file)** 23. WAS WELL CORED?  YES  NO (Submit Analysis) WAS DST RUN?  YES  NO (Submit Report)

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

SIZE	WEIGHT (LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	NO. OF SKS. & TYPE OF CEMENT	SLURRY VOL. (BBL)	TOP OF CEMENT (Specify calc. or CBL)
8-5/8	24	12-1/4	Surface	397	-	-	-	Surface CBL
4-1/2	15.1	7-7/8	"	7302	-	170 prem.	49	6276 CBL

25. TUBING RECORD - Please Specify # of Strings

SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)
2-3/8	6968	KB	-	-	-	-	-	-

26. PRODUCING INTERVALS 27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMMINGLED PRODUCTION (RULE 332)

FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF. STATUS (open, squeezed)
A) Codell	7124	7154	7135-7145	.38	21	Open
B)						
C)						
D)						

**RECEIVED**

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7135-7145	170,000 lbs. sand
	59,492 gals. frac fluid

MAR 18 1991

COLO. OIL & GAS CONS. COMM.

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
2/22/91	2/22/91	19 hrs	→	58	85	3	49	Sold	FLOWING
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
18/64	1400	1550	→	73	107	4	1466	Producing	

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
			→						
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
			→						

**PRODUCTION - INTERVAL C**

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

**PRODUCTION - INTERVAL D**

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

30. PLEASE ATTACH AN 8 1/2" x 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

Attached

**31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):**

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.

**32. FORMATION (LOG) MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP
					MEAS. DEPTH
Codell	7124	7154	Sandstone	Codell	7124

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

All other reports, logs and compliance on file.

**34. CIRCLE ENCLOSED ATTACHMENTS:**

- 1. MECHANICAL LOGS (1 full set req'd)
- 2. GEOLOGIC REPORT

- 3. WELLBORE SKETCH (See #27)
- 4. DST REPORT
- 5. DIRECTIONAL SURVEY

- 6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
- 7. CORE ANALYSIS
- 8. OTHER:

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

SIGNED Nick Francis  
 PRINT Nick Francis TITLE President DATE 2-22-91