

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES

Submit 1 copy

Final INTERIM  
was IDENTICAL

FOR OFFICE USE			
ET	FE	LC	SE

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR C & F Energy, Inc.		PHONE 619-648-7545	5. TYPE OF WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> METHANE <input type="checkbox"/> DRY <input type="checkbox"/> INJECTION <input type="checkbox"/> OTHER
ADDRESS P.O. Box 658, June Lake, CA 93529		6. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> RECOMPLETION (DATE _____)	7. COALBED
2. DRILLING CONTRACTOR Exeter Northern		PHONE 303-861-0181	8. IF INDIAN, ALLOTTEE OR TRIBE NAME

3. LOCATION OF WELL (Footages from section lines) At surface 1980 FEL, 1980 FSL (NW $\frac{1}{4}$ SE $\frac{1}{4}$ ) At top prod. interval reported below 2000 FEL, 1990 FSL At total depth 1925 FEL, 1990 FSL		4. ELEVATIONS KB 4840 GR 4828	9. WELL NAME AND NUMBER Fosston/State 10-16
WAS DIRECTIONAL SURVEY RUN? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> IF YES, ATTACH COPY <input checked="" type="checkbox"/> NOT		10. FIELD OR WILDCAT Wildcat	
12. PERMIT NO. 92-338		11. QTR. QTR. SEC. T. R. AND MERIDIAN NW $\frac{1}{4}$ SE $\frac{1}{4}$ -16-7N-63W, 6th P.M.	

13. API NO. 05 123 15685	14. SPUD DATE 4/16/92	15. DATE TD REACHED 4/29/92	16. DATE COMPL. <input type="checkbox"/> D&A <input checked="" type="checkbox"/> READY TO PROD 7/14/92	17. COUNTY Weld	18. STATE CO.
19. TOTAL DEPTH MD 3770 TVD 8766	20. PLUG BACK TOTAL DEPTH MD 7532 TVD 7532		21. DEPTH BRIDGE PLUG SET MD TVD		
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) DIFL, CND, GR, DS, CAL			23. WAS WELL CORED? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit Analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit Report)		

## 24. CASING &amp; 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	SURRY VOL. (BBL.)	TOPOF CEMENT (Specify calc or CBL)
8 5/8"	24#	121/2	surf	529	----	360 reg.	74	surf.
4 1/2"	11.6#	7 7/8	surf	8767	7542	130/310 prem	37/89	DV Tool/5884 CBL

## 25. TUBING RECORD - Please Specify # of Strings 1

SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)
2 3/8"	7378	-----						

## 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) Lyons	8630	8734	8631-8638	.38	35	Bridge Plug 7468
B) "J" Sand JSMD	7370	7520	7370-7374	.38	25	open
C)						
D)						

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8631-8638	Spotted 160 gal. 15% HCL across perts; spotted 250 gal. 3%HCL, 500 gal. water & 750 gal. Oxol II to packer & pumped w/finish at .75 bbl./min at 3200 psi.

29. PRODUCTION - INTERVAL A									
DATE FIRST PRODUCED 5/23/92	TEST DATE 5/23/92	HOURS TESTED 12	TEST PRODUCTION →	OIL BBL 0	GAS MCF 	WATER BBL 106	OIL GRAVITY CORR. API ----	GAS DISPOSITION -----	PRODUCTION METHOD non-productive
CHOKE SIZE -----	FLOW. TBG. PRESS. -----	CSG. PRESS. 0	24 HR. RATE →	OIL BBL -----	GAS MCF -----	WATER BBL -----	GAS: OIL RATIO -----	ZONE STATUS SI (set bridge plug at 7468)	

30. PRODUCTION - INTERVAL B									
DATE FIRST PRODUCED 6/15/92	TEST DATE 7/19/92	HOURS TESTED 24	TEST PRODUCTION →	OIL BBL 15	GAS MCF 20	WATER BBL 62	OIL GRAVITY CORR. API 40	GAS DISPOSITION used	PRODUCTION METHOD pumping
CHOKE SIZE -----	FLOW. TBG. PRESS. 24	CSG. PRESS. 35	24 HR. RATE →	OIL BBL 15	GAS MCF 20	WATER BBL 62	GAS: OIL RATIO 1333 -1063:1	ZONE STATUS producing	

COMPLETE AND SIGN BACK PAGE



# 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.

## 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
Parkman	3704	4000		Parkman	3705
Niobrara	6650	6945		Niobrara	6650
				Ft. Hays	6925
Codell	6945	6957		Codell	6945
				Carlile	6957
"J" Sand	7370	7442		Greenhorn	7005
				Bentonite	7200
Lakota	7309	7342		"J" Silt	7351
				"J" Sand	7370
Lyons	8630	8732		Skull Creek	7520
				Dakota	7630
				Lakota	7709
				Morrison	7752
				Entrada	7971
				Park Creek	8377
				Lyons	8630

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

Logs and directional survey sent under separate cover by Atlas and ADI

## 34. CIRCLE ENCLOSED ATTACHMENTS:

1. MECHANICAL LOGS (1 full set req'd)

3. WELLBORE SKETCH  
(See #27)

6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

2. GEOLOGIC REPORT

4. DST REPORT

7. CORE ANALYSIS

5. DIRECTIONAL SURVEY

8. OTHER:

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

SIGNED

PRINT William G. Crews

TITLE Attorney-in-Fact

DATE 8/11/92



