



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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other P & A

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESERVA.  Other P & A

3. NAME OF OPERATOR  
Crystal Exploration and Production Company

4. ADDRESS OF OPERATOR  
P. O. Box 21101, Shreveport, Louisiana 71120

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 660' FNL and 660' FEL  
At top prod. interval reported below C NE NE, Sec. 3, T5S, R54W  
At total depth

6. LEASE DESIGNATION AND SERIAL NO.

7. IF INDIAN ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME  
Marlin McCracken

10. WELL NO.  
1

11. FIELD AND POOL, OR WILDCAT  
Wildcat

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
C NE NE

Sec. 3, T5S, R54W

13. COUNTY Washington 14. STATE Colorado

15. PERMIT NO. 771075 16. DATE ISSUED 10-18-75

17. DATE SPUDDED 10-18-77 18. DATE T.D. REACHED 10-22-77 19. DATE COMPL. (Ready to prod.) 10-25-77 (Plug & Abd.) 20. ELEVATIONS (DP, RES. PT. OF, ETC.) 5132.4' GR 21. ELEV. CASINGHEAD ---

22. TOTAL DEPTH, MD & TVD 4900' 23. PLUG BACK T.D., MD & TVD --- 24. IF MULTIPLE COMPL., HOW MANY --- 25. INTERVALS DRILLED BY --- 26. ROTARY TOOLS 4900' 27. CABLE TOOLS ---

28. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
P & A 10-25-77 29. WAS DIRECTIONAL SURVEY MADE Yes

30. TYPE ELECTRIC AND OTHER LOGS RUN IEL & CFDL 31. WAS WELL CORED YES  NO  (Subs. analysis) 32. DRILL STEM TEST YES  NO  (See reverse side)

33. 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#	135'	12 1/4"	80 sacks	None

34. LINER RECORD 35. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

36. PERFORATION RECORD (Interval, size and number) 37. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>P &amp; A 10-25-77</u>				

38. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<u>P &amp; A 10-25-77</u>	<u>P &amp; A</u>	<u>P &amp; A</u>					
DATE OF TEST	HOURS TESTED	CHOKED 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.)	

39. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 40. TEST WITNESSED BY

41. LIST OF ATTACHMENTS

Plugging report from Allison Drilling Company

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

SIGNED James O. Glass TITLE Asst. Prod. Office Supv. DATE 10-31-77

DVR  
FJP  
HHM  
JAM  
JJD  
RIS  
CGI

38. SUMMARY OF POROUS ZONES:  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS. MENEFEE, CONED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CIRCULATION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

CORRELATION	TOP	LOTION	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE DEPTH
Niobrara	3750'					
"D" Sand	4690'					
"J" Sand	4742'					
Skull Creek	4862'					



121-04285

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE**

1a. TYPE OF WORK  
 DRILL  DEEPEN  REENTER

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Crystal Exploration and Production Company

3. ADDRESS OF OPERATOR  
 P. O. Box 21101, Shreveport, Louisiana 71120

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface: 660' FNL and 660' FEL  
 At proposed prod. zone: C NE NE, Sec. 3, T5S, R54W

5. LEASE DESIGNATION AND SERIAL NO.  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Marlin McCracken

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 C NE NE Section 3, T5S, R54W

12. COUNTY  
 Washington

13. STATE  
 Colorado

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 760

17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL  
 N/A

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 --

19. PROPOSED DEPTH  
 5000'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, CR, etc.)

22. APPROX. DATE WORK WILL START  
 November 1, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	125'	175 sacks
7 7/8"	4 1/2"	11.6#	5000'	275 sacks

\*DESCRIBE LEASE C NE NE Section 3, T5S, R54W - Washington County, Colorado .

DVR  
 FJP  
 HJM  
 JAM  
 JJD  
 RLG  
 COM

CK. HOLLIF

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or reenter and operate, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

In accepting this permit the applicant agrees to fully abide by the requirements and rules of this Commission governing this permitted operation including his responsibility to prevent pollution of state waters during drilling, treating, testing, and producing operations and by the casing, cementing and plugging requirements particularly designed for the protection of state waters and the prevention of intermingling of the contents of all the various zones encountered in this permitted operation.

24. SIGNED James O. Blas TITLE Asst. Prod. Office Supv. DATE 10-13-77

(This space for Federal or State Office use)

PERMIT NO. 771075 APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE DEPT. CHIEF, COMM. DATE OCT 18 1977

CONDITIONS OF APPROVAL, IF ANY:

**A.P.I. NUMBER**

05 121 9285

See Instructions On Reverse Side

77-1075

## INSTRUCTIONS

Before any person shall commence operations for the drilling of any well, such person shall file with the Director an application on Form 2 for a permit to drill, along with a filing and service fee of Seventy-five Dollars (\$75), and must secure the Director's approval before proceeding with such operation. Wells drilled for stratigraphic information only shall be exempt from paying the filing and service fee.

Before any person shall commence operations for the deepening of a well to any source of supply other than the existing producing horizon or for the reentry of a well, such person shall file an application on Form 2 and secure approval of the Director.

Form 2 shall be filed in duplicate for wells on all Patented and Federal lands, and in triplicate for wells on all State lands. An accurate plat or map showing the location of the well and showing measurements necessary for the determination thereof shall be filed with the Director. Unless operations are commenced within one hundred twenty (120) days after the date of approval, the permit will become null and void; however, for good cause shown, the Director may grant an extension not to exceed an additional one hundred twenty (120) days.

Fill in all applicable spaces.