

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☒ - 3 PH 1: PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

FARMINGTON SINGLE ZONE ☒ ARE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

CHAPARRAL OIL & GAS COMPANY

3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp.

P. O. Drawer 419 Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1850' FSL, 790' FWL Unit Letter L

At proposed prod. zone

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

3 miles SE from Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

328.08

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

210'

19. PROPOSED DEPTH

PBTD 1838'

20. ROTARY OR CABLE TOOLS

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

5835' GR, 5845' DF

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7-5/8"	26.40	112'	80
6-3/4"	4-1/2"	9.50	2023'	315 Sx. (558 ft. 3)

See attached for workover procedure.

All activity associated with this workover (including construction of any pits) will be kept within the boundaries of the original well site.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

24. FOR: CHAPARRAL OIL & GAS COMPANY

ORIGINAL SIGNED BY

SIGNED

EWELL N. WALSH

TITLE

Agent

DATE 1/3/92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

JAN 07 1992

AREA MANAGER

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

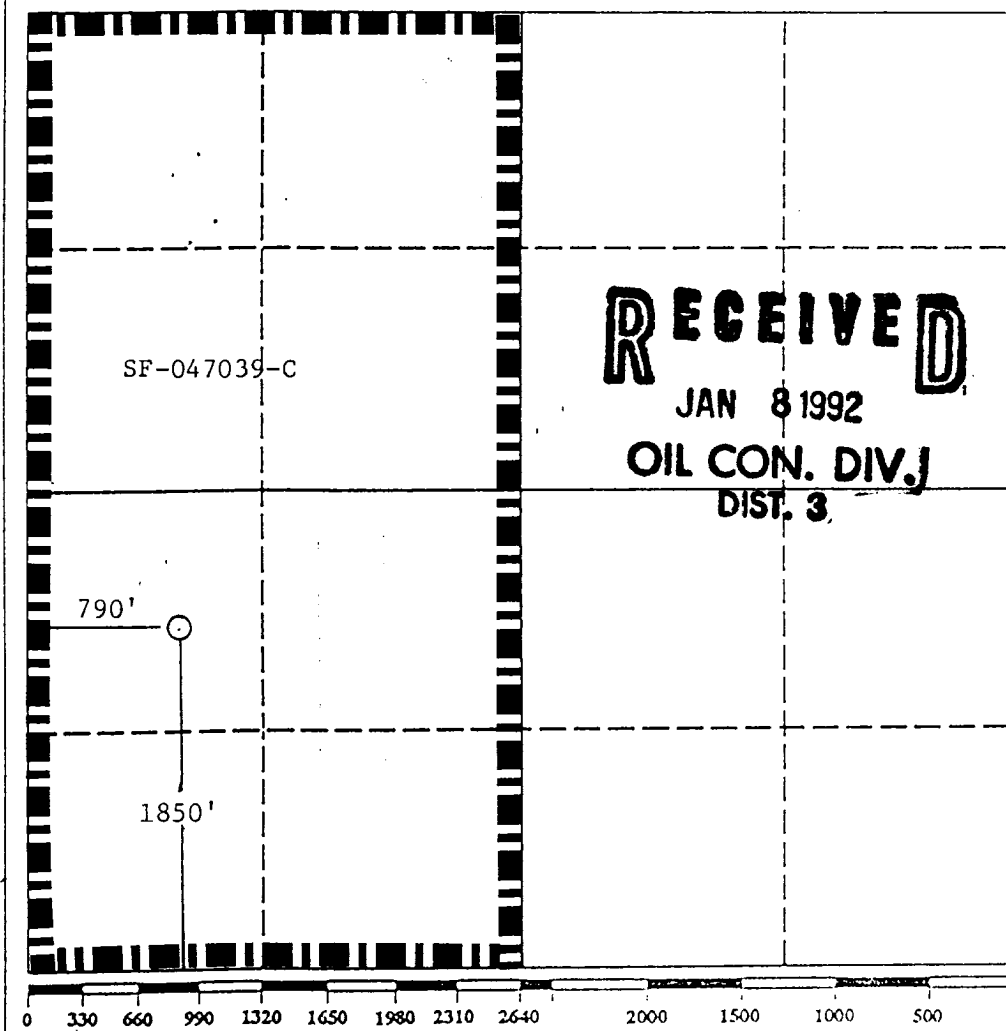
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator CHAPARRAL OIL & GAS COMPANY			Lease Francis		Well No. 1
Unit Letter L	Section 18	Township 28N	Range 10W	County NMPM San Juan	
Actual Footage Location of Well: 1850 feet from the South line and 790 feet from the West line					
Ground level Elev. 5835'	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 328.08 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
**ORIGINAL SIGNED BY
EWELL N. WALSH**

Printed Name
Ewell N. Walsh, P.E.

Position
President

Company
Walsh Engr. & Prod. Corp.

Date
January 3, 1992

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Signature & Seal of Professional Surveyor _____

NOTE: From Original Survey

Certificate No. _____

RECEIVED
JAN 10 1901
U. S. DEPT. OF AGRICULTURE
WASHINGTON, D. C.



EXHIBIT "A"

CHAPARRAL OIL & GAS COMPANY
FRANCIS NO. 1
1850'FSL, 790'FWL, SECTION 18-T28N-R10W
San Juan County, New Mexico
ELEV: G.L.-5835', D.F.-5845', K.B.-5846'

PROPOSED RE-COMPLETION IN FRUITLAND COAL

Present Completion - Pictured Cliffs:

1. 4-1/2", 9.50 lb., J-55 casing set at 2023' with:

Lead Cement - 190 sxs., light weight.

Tail Cement - 125 sxs., Class "B" standard, cement circulated to surface. Calculated top of Class "B" standard cement 1030'.

NOTE: Casing tested to 500 psig with Nitrogen during workover of Pictured Cliffs interval.

2. Perforations (GR perforating correlation log).

1902'-1906'

1912'-1922'

1936'-1952'

3. 1-1/2", 2.90 lb., EUE tubing at 1907'.

Proposed Re-Completion:

1. Move workover unit on location.
2. Blow down well. Kill well, with fresh water, if necessary.
3. Install Blow Out Preventer.
4. Pull 1-1/2" tubing.
5. Set wireline cast iron bridge plug at 1898'.
6. Pick up 2-3/8" work string.
7. Load casing and circulate with fresh water.
8. Pressure test bridge plug, casing and blow out preventer to 2000 psig.
9. Pull 2-3/8" work string.
10. Run Compensated Neutron, Gamma Ray, collar locator log.
11. Run 2-3/8" work string and spot 7-1/2% MCA acid across interval to perforate.
12. Pull 2-3/8" work string.
13. Perforate Fruitland Coal intervals (Estimated intervals from Compensated Neutron Formation Density Log, Chaparral Oil & Gas Company, Francis No. 2, 1850'FSL, 1000'FWL, Section 18-T28N-R10W).

1667'-1771', 4', 8 holes

1728'-1744', 16', 32 holes

1777'-1779', 2', 4 holes

1793'-1797', 4', 8 holes

Intervals below 1800' to be determined from Compensated Neutron, Gamma Ray log.



Page No. 2
Chaparral Oil & Gas Company
Francis No. 1
Proposed Re-Completion in Fruitland Coal

Proposed Re-Completion - Cont.

14. Run Retrievable Bridge Plug and Packer to isolate and break down individual perforated intervals.
15. Break down and treat individual intervals with 25 gallons 15.0% MCA acid per foot of perforations.
16. Stimulate well with Foam Frac.
17. Clean up well and lay down 2-3/8" work string.
18. Run 1-1/2" tubing and land 1870' to 1890'.
19. Blow and clean up to test.

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CURRENT WELL BORE CONFIGURATION

112', 7-5/8" cemented with 80 sacks. Circulate cement to surface.

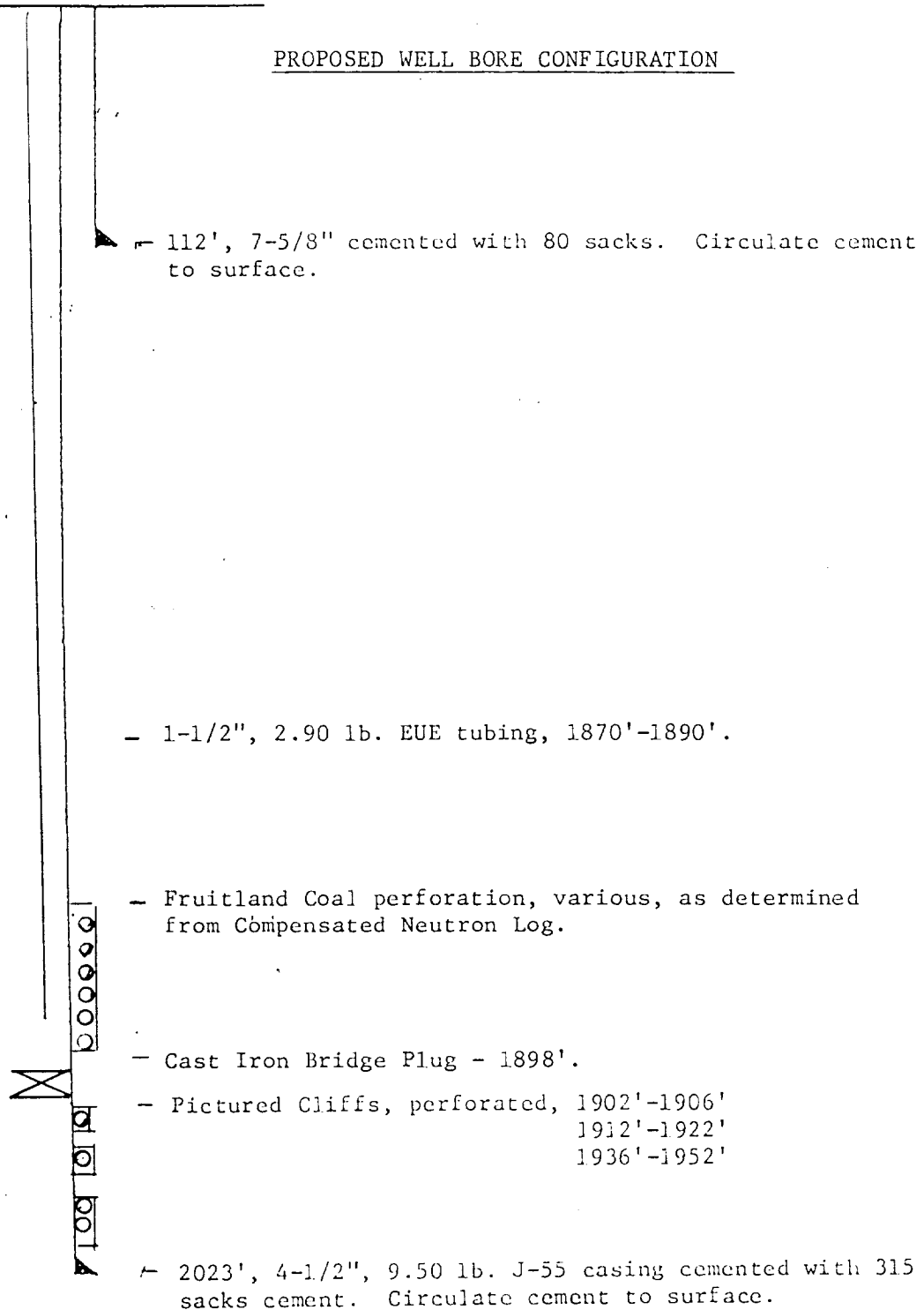
- 1-1/2", 2.90 lb., EUE tubing at 1907'.

- Pictured Cliffs, perforated, 1902'-1906'
1912'-1922'
1936'-1952'

2023', 4-1/2", 9.50 lb. J-55 casing cemented with 315 sacks cement. Circulate cement to surface.

CHAPARRAL OIL & GAS COMPANY
 FRANCIS NO. 1
 1850'FSL, 790'FWL, SECTION 18-T28N-R10W
 San Juan County, New Mexico
 ELEV: G.L.-5835', D.F.-5845', K.B.-5846'

PROPOSED WELL BORE CONFIGURATION



BLOWOUT PREVENTER ASSEMBLY

CHAPARRAL OIL & GAS COMPANY
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Elev: GL-5835', DF-5845', KB-5846'

