

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ Re-entryDEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Robert L. Bayless, formerly Southern Union Exploration

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87499

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

At surface

800' FSL & 1840' FEL

At proposed prod. zone same

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

16. NO. OF ACRES IN LEASE

520

19. PROPOSED DEPTH

650'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6200' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

ASAP

23. Actual PROPOSED CASING AND CEMENTING PROGRAM (Set during original drilling)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	APPROX. QUANTITY OF CEMENT
10-5/8"	7"	20#	108.6'	41.3 ft ³ Class B cement
5-1/2"	2-7/8"	6.40#	1465'	392 ft ³ Class B w/2% D-79

Original Work: Formerly SX-Federal 21 #1

Well originally spudded 11-15-79, TD well 11-18-79 @ 1465' & was logged. Ran 2-7/8" & cemented w/392 ft³ Class B w/2% D-79, cement top @ 1010'. Perforated from 1405-1409' & 1433-1436' (2JSPF) on 3-27-80, acidized 3-28-80. No shows. Set bridge plug @ 980', perf @ 950' w/4 JS, 2-1/8 & broke circ. Cemented w/127 ft³ 50-50 pozmix. Wiper plug hung after 1 bbl flush away. Cemented inside & out of 2-7/8" tubing, cut off 4' below GL.

Re-entry work: Renamed Mancisco Mesa #1

Plan to re-enter 2-7/8" casing and drill out cement using 1 1/2" tubing and bit. Circulating medium will be clear water. Plan to perforate Farmington zone from 396 to 618', acidize and test potential. If tests warrant, will fracture stimulate well and test further. The gas from this formation is not dedicated to a gas contract.

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.

SIGNED

TITLE Petroleum Engineer

DATE May 25, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.
MAY 30 1983APPROVED
AS AMENDED

DATE

JUN 1 1983
JAMES F. SIMS
DISTRICT ENGINEER

WELL LOCATION AND ACREAGE DEDICATION I - AT

Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Robert L. Bayless			Lessee Moncisco Mesa		Well No. #1
Unit Letter 0	Section 21	Township 26 NORTH	Range 13 WEST	County SAN JUAN	
Actual Footage Location of Well: 800 feet from the SOUTH line and 1840 feet from the EAST line					
Ground Level Elev. 6200	Producing Formation Farmington		Pool WC	Dedicated Acreage: 16.0 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

Kevin H. McCord

Name
Kevin H. McCord
Position
Petroleum Engineer
Company
Robert L. Bayless

Date
May 25, 1983

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 to the best of my knowledge and belief.

James P. Leese

Date Surveyed
July 29, 1979
Registered Professional Engineer
Land Surveyor

James P. Leese
Certificate No.

1463

RECEIVED

JUN 13 1983

OIL CON. DIV.
DIST. 3

21

800'

1840'

