

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Southern Union Exploration Company

3. ADDRESS OF OPERATOR

First International Bldg., Suite 1800, Dallas, Texas 75270

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

At surface
1630 FNL & 800 FWL

At proposed prod. zone

Same As Above.

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

15 miles south of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

1630

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

800

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

1500 Ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 Acres

20. ROTARY OR CABLE TOOLS

Rotary

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

5823 GL

22. APPROX. DATE WORK WILL START*

9-17-79

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 5/8	7"	20	300	CIRCULATE
5 1/2	2 7/8"	6.40	1500	775 Sacks

1. We propose to drill to 300' and set 7 inch surface, and cement to the surface.
2. Drill out with 5 1/2 to depth of 1500 feet, then run 2 7/8 tubing and cement to the surface.
3. The Pictured Cliffs Formation will be perforated and evaluated for gas production.
4. 1 1/4" tubing will be used to produce the well.

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 Ronald M. Santz TITLE Drilling & Production Engineer DATE 9/5/79
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

N/A DCC

DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C.
Effective 1-1-65

I. Operator Southern Union Exploration of Texas
Address 1217 Main Street, Suite 400, Texas Federal Bldg., Dallas, Texas 75202
Reason(s) for filing (Check proper box) ☐ New Well ☐ Recompletion ☐ Change in Ownership ☐ Change in Transporter of: Oil ☐ Casinghead Gas ☐ Dry Gas ☐ Condensate ☐ Other (Please explain) Change of operator and address.
If change of ownership give name and address of previous owner 1217 Main Street, Suite 400, Southern Union Exploration Company, Texas Federal Bldg., Dallas, TX 75202

II. DESCRIPTION OF WELL AND LEASE Well has been plugged and abandoned 1/2/80
Lease Name Susco Biddoni Well No. 1 Pool Name, including Formation W. W. Fairchild - Picture Cliffs Kind of Lease State, Federal or Fee Federal Lease No. N00-C-1 20-5706
Location Unit Letter E : 1630 Feet From The North Line and 800 Feet From The West Line of Section 32 Township 27-N Range 12-W , NMPM, San Juan County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS
Name of Authorized Transporter of Oil ☐ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rge. Is gas actually connected? When

IV. COMPLETION DATA
Designate Type of Completion - (X) Oil Well Gas Well New Well Workover Deepen Plug Back Same Restv. Diff. Rest.
Date Spudded Date Compl. Ready to Prod. Total Depth
Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth
Perforations Depth Casing Shoe
TUBING, CASING, AND CEMENTING RECORD
HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)
Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.)
Length of Test Tubing Pressure Casing Pressure Choke Size
Actual Prod. During Test Oil - Bbls. Water - Bbls. Gas - MCF

GAS WELL
Actual Prod. Test - MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate
Testing Method (pilot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size

VI. CERTIFICATE OF COMPLIANCE
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Ronald R. Smith
Drilling & Production Engineer
(Title)
(Date)

OIL CONSERVATION COMMISSION
APPROVED Jan 1 1981, 19
BY Original Signed by FRANK T. CHAVEZ
SUPERVISOR DISTRICT # 3
TITLE
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for all wells on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each well in multi-