

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-045-24053
Form C-101
Revised 10-1-70

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OPERATOR	1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER INFILL <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. State Oil & Gas Lease No.	
2. Name of Operator AMOCO PRODUCTION COMPANY		7. Unit Agreement Name	
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		8. Firm or Lease Name Sullivan Gas Com "D"	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1475</u> FEET FROM THE <u>North</u> LINE AND <u>1500</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>26</u> TWP. <u>29N</u> RGE. <u>11W</u> NMPM		9. Well No. 1E	
		10. Field and Pool, or Wildcat Basin Dakota	
		12. County San Juan	
15. Proposed Depth 6409'		19A. Formation Dakota	
21A. Kind & Status Plug. Bond Statewide		22. Approx. Date Work will start 1/15/80	
21. Elevations (Show whether DE, RT, etc.) 5447' GL		20. Rotary or C.T. Rotary	

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.3#	300'	300	Surface
8-3/4"	7"	20#	1839'	360	Surface
6-1/4"	4-1/2"	10.5#	6409'	550	1689

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to an intermediate TD with a low solids nondispersed mud system, and then to TD with air. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

Upon completion the well location will be cleaned and the reserve pit filled and leveled.

Gas produced from this well is dedicated to El Paso Natural Gas Co.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-13-80



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed B. E. Jackwell Title District Engineer Date December 13, 1979

(This space for State Use)
APPROVED BY Frank S. Chang TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC 14 1979

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

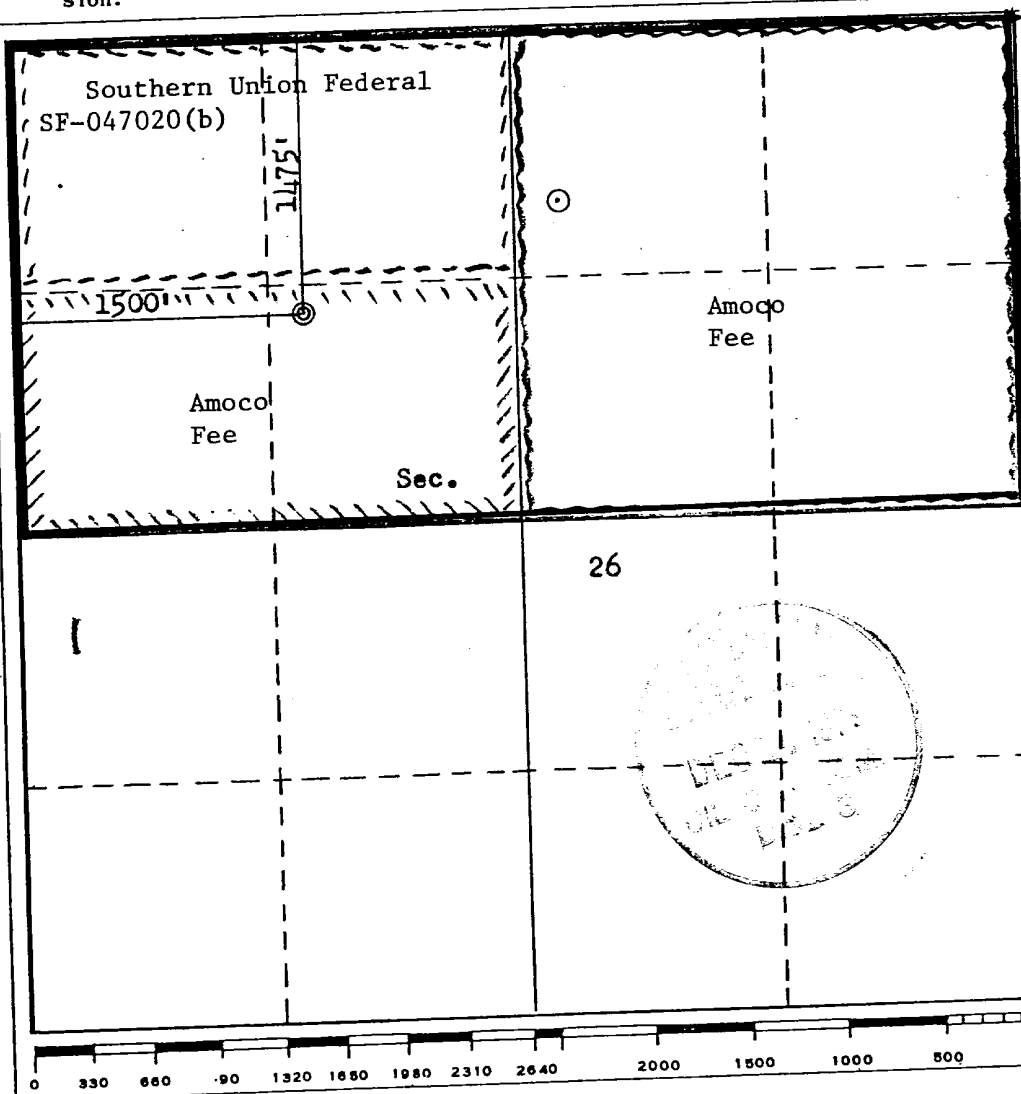
All distances must be from the outer boundaries of the Section.

Operator AMOCO PRODUCTION COMPANY			Lease SULLIVAN GAS COM "D"		Well No. 1-E
Unit Letter F	Section 26	Township 29N	Range 11W	County San Juan	
Actual Footage Location of Well: 1475 feet from the North line and 1500 feet from the West line					
Ground Level Elev. 5447	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 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 Communitization

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.

B. E. Fackrell

Name
B. E. FACKRELL

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
NOVEMBER 20, 1979

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

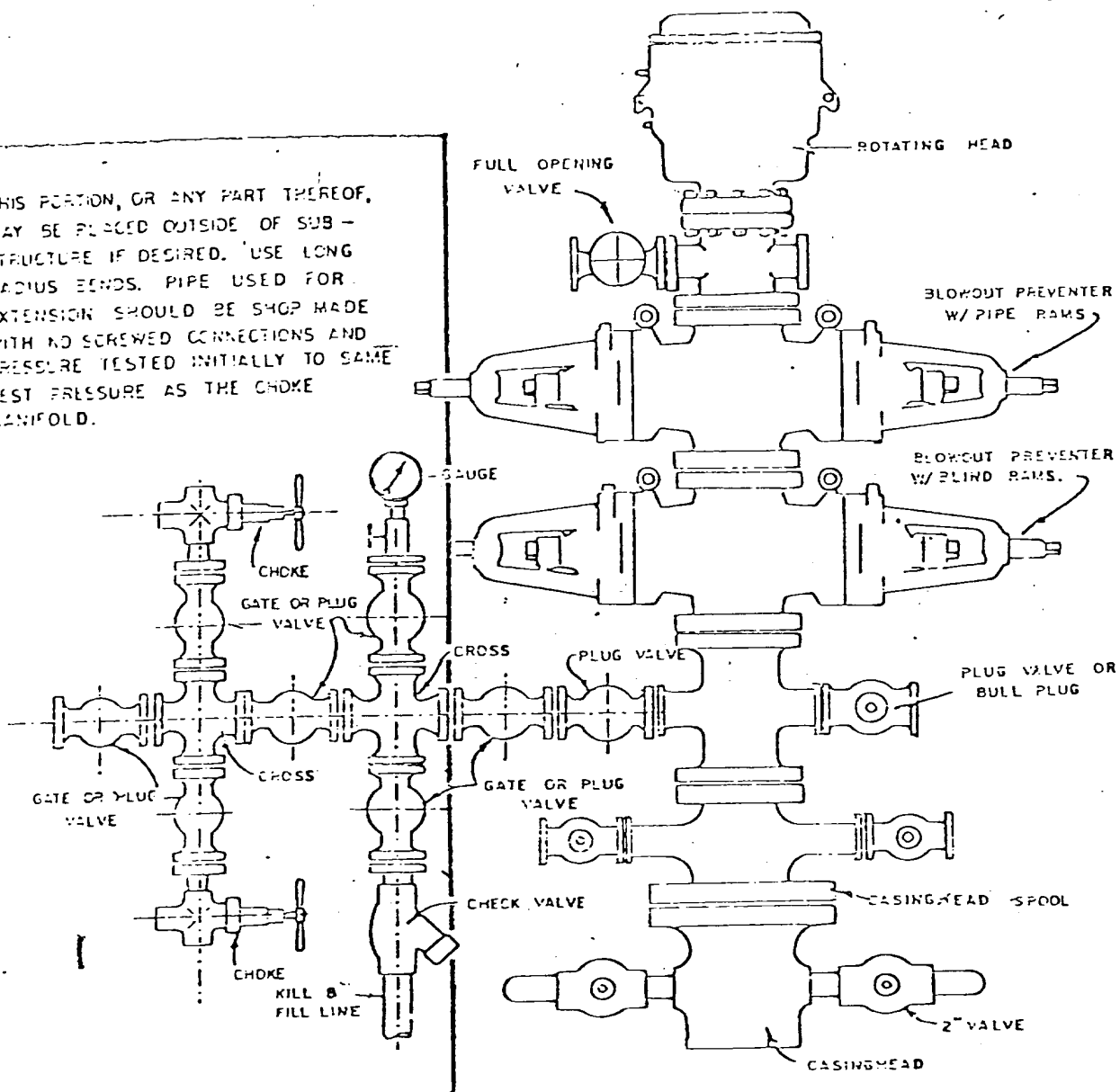
November 14, 1979

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr
Certificate No. **3950**

FRED B. KERR, JR.

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

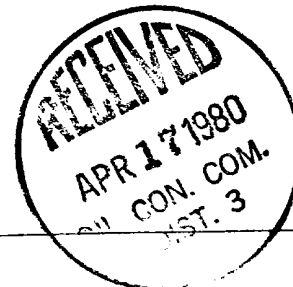
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Amoco Production Company	8. Farm or Lease Name Sullivan Gas Com "D"
3. Address of Operator 501 Airport Drive Farmington, NM 87401	9. Well No. 1E
4. Location of Well UNIT LETTER <u>F</u> <u>1475</u> FEET FROM THE <u>North</u> LINE AND <u>1500</u> FEET FROM THE <u>West</u> LINE, SECTION <u>26</u> TOWNSHIP <u>29N</u> RANGE <u>11W</u> N.M.P.M.	10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 5447' GL	12. County San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	Spud & Set Casing <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded a 12-1/4" hole on 1-19-80 and drilled to 297'. Set 9-5/8", 32.3# surface casing at 293' on 1-20-80 and cemented with 325 sx class "B" Neat cement containing 2% CaCl₂. The cement top behind the casing is to the surface.
Drilled a 8-3/4" hole to a depth of 3305'.
Drilled a 7-7/8" hole to TD of 6329'. Set 4-1/2", 10.5# production casing at 6329' and cemented in 2 stages:
1) Cemented with 350 sx class "B" Neat cement containing 50:50 Poz, 6% gel, 2# Medium tuf plug per sx, and .8% fluid loss additives. Tailed in with 100 sx class "B" Neat cement.
2) Cemented with 1020 sx class "B" Neat cement containing 50:50 Poz, 6% gel, 2# Medium tuf plug per sx, and .8% fluid loss additives. Tailed in with 100 sx class "B" Neat cement.
Set DV tool at 4404'. The cement top behind the casing is to the surface.
Released the rig on 2-1-80.



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

SIGNED E. E. SVOJISKA TITLE Dist. Adm. Supvr. DATE 4-15-80

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE APR 17 1980

CONDITIONS OF APPROVAL, IF ANY: