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NEW MEXICO OIL CONSERVATION COMMISSION

30-039-23379

Form C-101
Revised 1-1-65

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 checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No.	
c. Name of Operator Amoco Production Company		7. Unit Agreement Name	
d. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		8. Farm or Lease Name Amoco Federal Schmitz Anticline	
e. Location of Well UNIT LETTER K LOCATED 1650 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 25 TWP. 24N RGE. 1W NMPM		9. Well No. 1	
		10. Field and Pool, or Wildcat W. Puerto Chiquito Mancos/ W. Basin Dakota	
		12. County Rio Arriba	
		19. Proposed Depth 7350'	
		19A. Formation Gallup/Dakota	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 7262' GR		21A. Kind & Status Plug. Bond Statewide	
		21B. Drilling Contractor Unknown	
		22. Approx. Date Work will start As soon as permitted	

PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#, J-55	300'	300	Circ. to surface
7-7/8"	5-1/2"	15.5#, J-55	7350'	975	Circ. to surface

The subject well will be drilled to further develop the above reservoirs. The well will be drilled from 0-300' using native spud mud. The well will then be drilled from 300' to TD using a low solids non-dispersed mud system. Completion design will be based on open hole logs. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed. The production from this well is not dedicated at this time.

APPROVAL EXPIRES 2-6-84
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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FEB 06 1984

OIL CON. DIV.
DIST. 3

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 D. Lawson Title District Adm. Supervisor Date February 3, 1984

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE FEB 06 1984

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

Operator AMOCO PRODUCTION COMPANY			Lease AMOCO-FEDERAL-SCHMITZ-ANTICLINE			Well No. 1		
Unit Letter K	Section 25	Township 24N	Range 1W	County Rio Arriba				
Actual Footage Location of Well:								
1650		feet from the South		line and 1980		feet from the West		line
Ground Level Elev: 7262	Producing Formation Dakota-Gallup		Pool W. Puerto Basin Dakota/Chiquito Mancos			Dedicated/Acreage: 40/640		Acre

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.

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OIL CON. DIV.
DIST. 3

Sec.

25

1980'

1650'

Scale: 1"=1000'

CERTIFICATION

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

Original Signed By
D.D. Lawson

Name
Darrell D. Lawson
Position
District Adm. Supervisor
Company
Amoco Production Company
Date
February 3, 1984

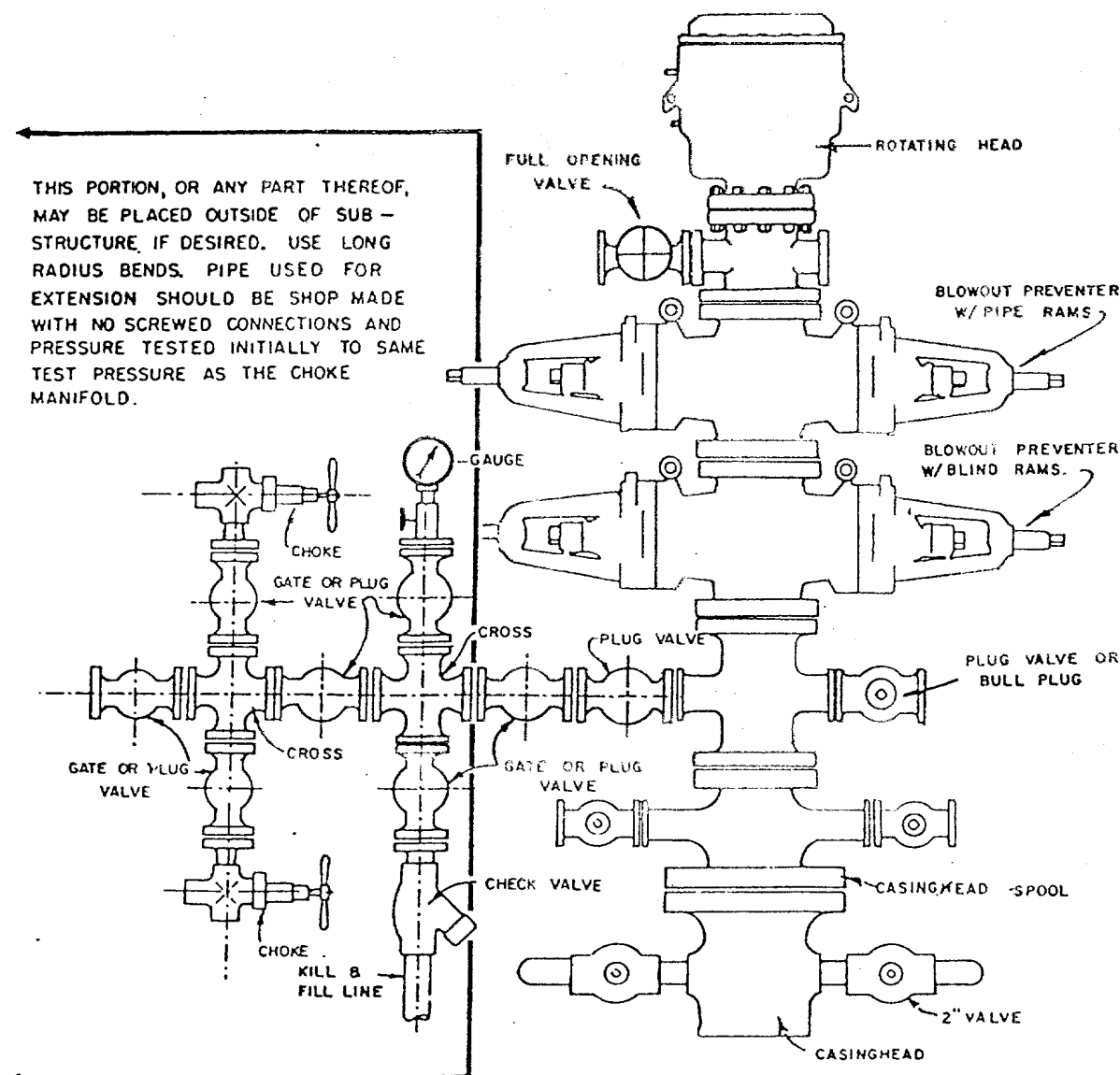
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
January 28, 1984

Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.

Certificate No. **3950**

1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
4. All fittings to be flanged.
5. Omsco or comparable safety valve must be be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



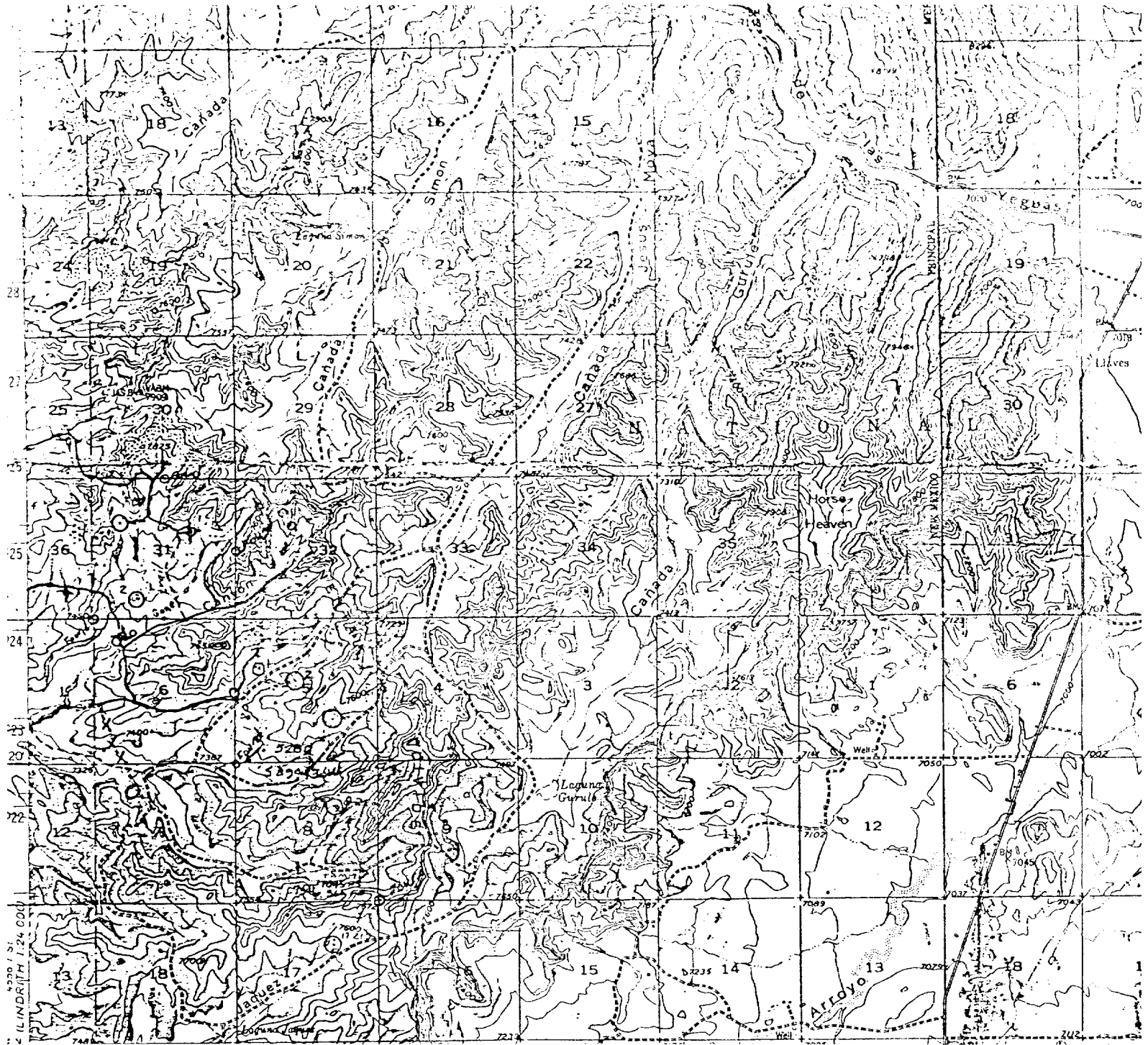
BLOWOUT PREVENTER HOOKUP

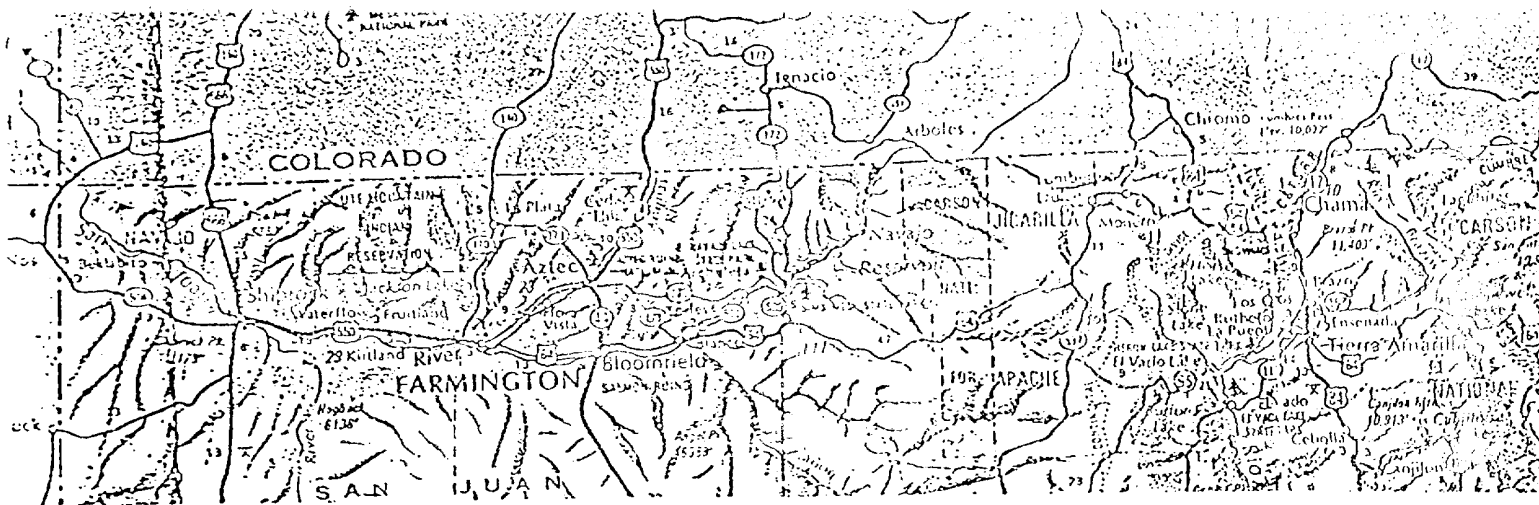
API Series # 900

EXHIBIT D-4

OCTOBER 16, 1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.

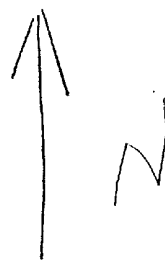
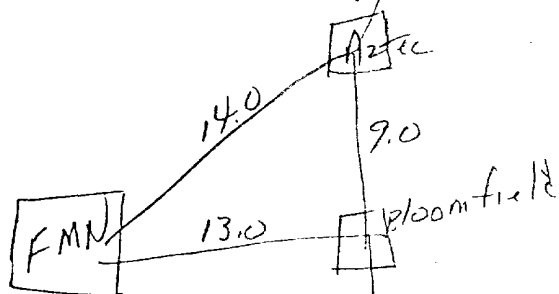




FARMINGTON DISTRICT TRANSPORTATION SKETCH DENVER REGION

AMOCO WI:

Rail Point 236 miles GALLUP
Mud Point 109 miles AZTEC
Cement Point 113 miles FARMINGTON



84.0

Amoco Federal Schmitz
Anticline #1
N 1/4, Sec. 25, T24N-R1W
Rio Arriba Co. N.M.

