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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. OG 1531

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"/>		7. Unit Agreement Name Gallegos Canyon Unit
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name
2. Name of Operator Amoco Production Company		9. Well No. 139E
3. Address of Operator 501 Airport Dr., Farmington, NM 87401		10. Field and Pool, or Wildcat Basin Dakota
4. Location of Well UNIT LETTER M LOCATED 1030 FEET FROM THE South LINE AND 880 FEET FROM THE West LINE OF SEC. 18 TWP. 28N RGE. 11W NMPM		12. County San Juan
19. Proposed Depth 6196'		19A. Formation Dakota
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5549' GL
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Unknown
22. Approx. Date Work will start As soon as permitted		

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"	8-5/8"	24#	300'	300	Surface
7-7/8"	4-1/2"	10.5#	6196'	1360	Surface

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 TD with a low solids nondispersed 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; see attached drawing.

RECEIVED

MAY 9 1983

OIL CON. DIV.  
DIST. 3

November 9, 1983

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 PREVENTION PROGRAM, IF ANY.

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

Signed WILLIAM H. C. Title District Engineer Date 5-5-83

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 5-5-83

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>139E</b>
Unit Letter <b>M</b>	Section <b>18</b>	Township <b>28N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1030</b> feet from the <b>South</b> line and <b>880</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5549</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>5 317.88</b> 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

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.

Sec.		Amoco W. I. 51.7%
18		<b>RECEIVED</b> MAY 9 1983 OIL CON. DIV. DIST. 3
880'	1030'	

Scale: 1"=1000'

## CERTIFICATION

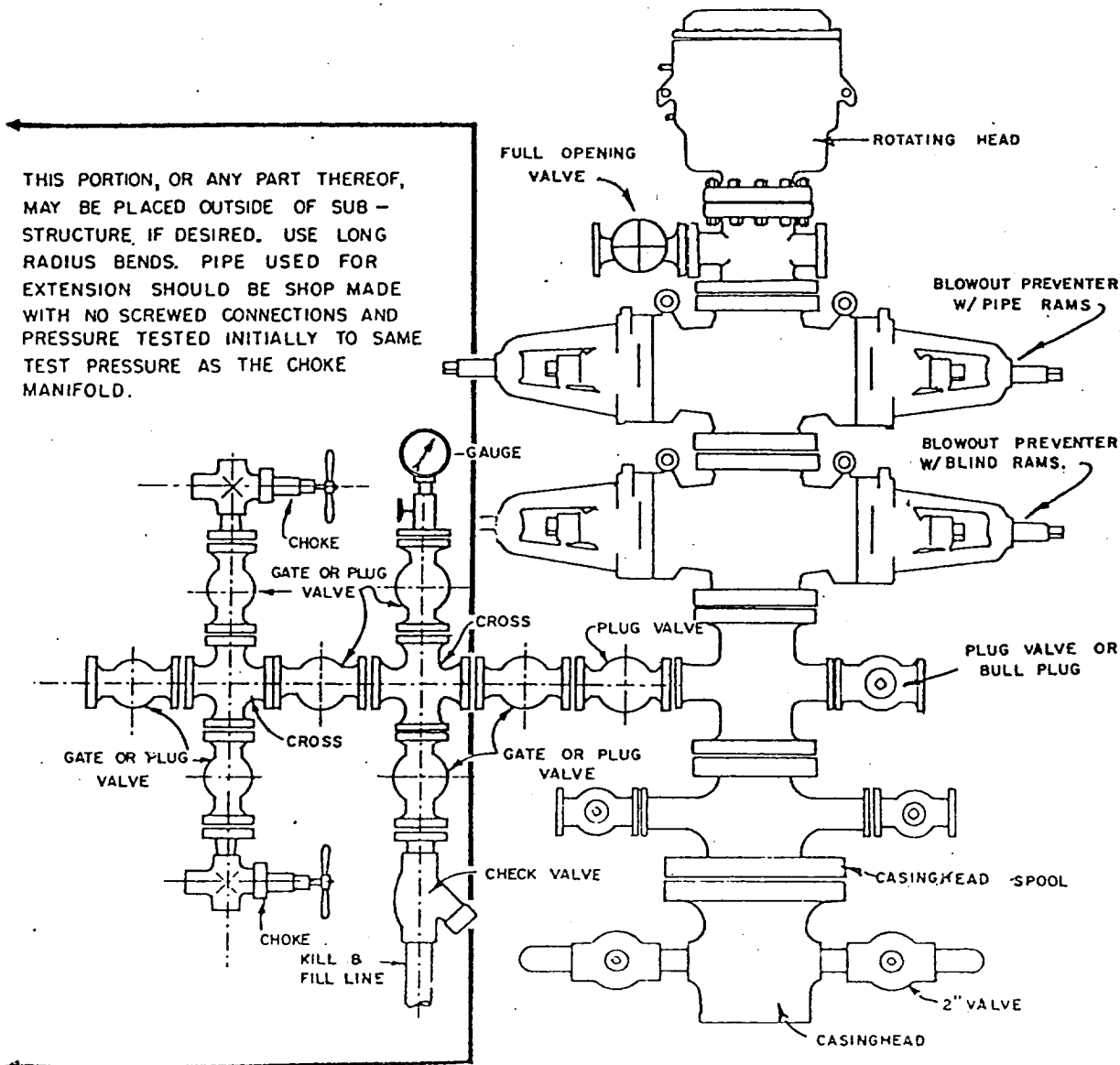
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
Original Signed By  
**D. H. SHOEMAKER**

Name  
**Dale H. Shoemaker**  
Position  
**District Engineer**  
Company  
**Amoco Production Company**  
Date  
**5-5-83**

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 21, 1980**  
Registered Professional Engineer  
and Land Surveyor  
**Fred B. Kery 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 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.



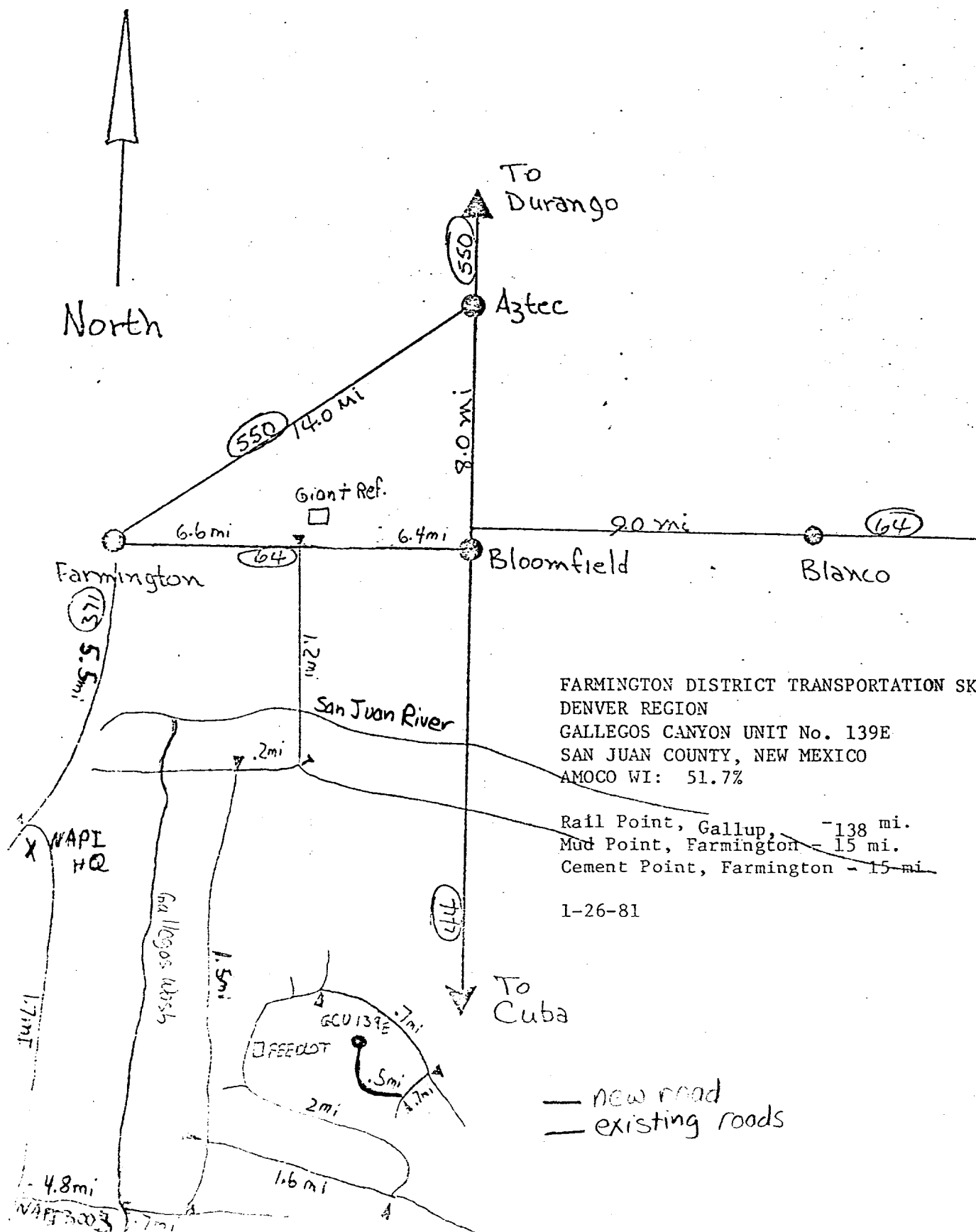
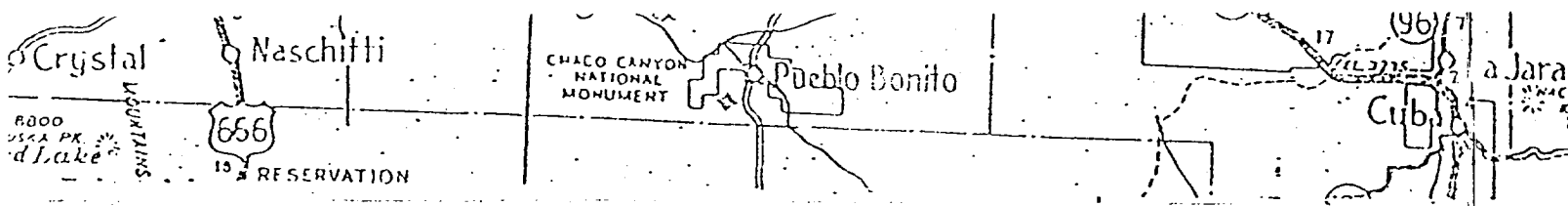
### BLOWOUT PREVENTER HOOKUP

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  
GALLEGOS CANYON UNIT No. 139E  
SAN JUAN COUNTY, NEW MEXICO  
AMOCO WI: 51.7%

Rail Point, Gallup, -138 mi.  
Mud Point, Farmington - 15 mi.  
Cement Point, Farmington - 15 mi.

1-26-81