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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-24953

Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Gerk Gas Com "B"	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 11111	
3. Address of Operator 501 Airport Drive, Farmington NM, 87401		10. Field and Pool, or Wildcat Basin Dakota/ Blanco Mesaverde	
4. Location of Well UNIT LETTER N LOCATED 160 FEET FROM THE South LINE AND 790 FEET FROM THE West LINE OF SEC. 19 TWP. 29N RGE. 9W NMPM		12. County San Juan	
19. Proposed Depth 6750'		19A. Formation Dakota/Mesaverde	
21A. Kind & Status Plug. Bond statewide		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
17 1/2"	13 3/8"	54.5#	300'	530	surface
12 1/4"	9 5/8"	36#	2300'	700	surface
8 3/4"	7"	23#	6750'	950	surface

Amoco proposes to drill the above well to further develop the Basin Dakota and Blanco Mesaverde reservoirs. The well will be drilled to the surface casing with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be attached 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: Mesaverde to El Paso Natural Gas under contract No. 17568;
Dakota to El Paso Natural Gas under contract No. 56742;

EXPIRES 9-26-81

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 W. L. Petersen Title District Engineer Date 3/23/81

(This space for State Use)

Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Handwritten notes and signatures at the bottom of the page, including "APPROVED BY" and "CONDITIONS OF APPROVAL, IF ANY:".

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

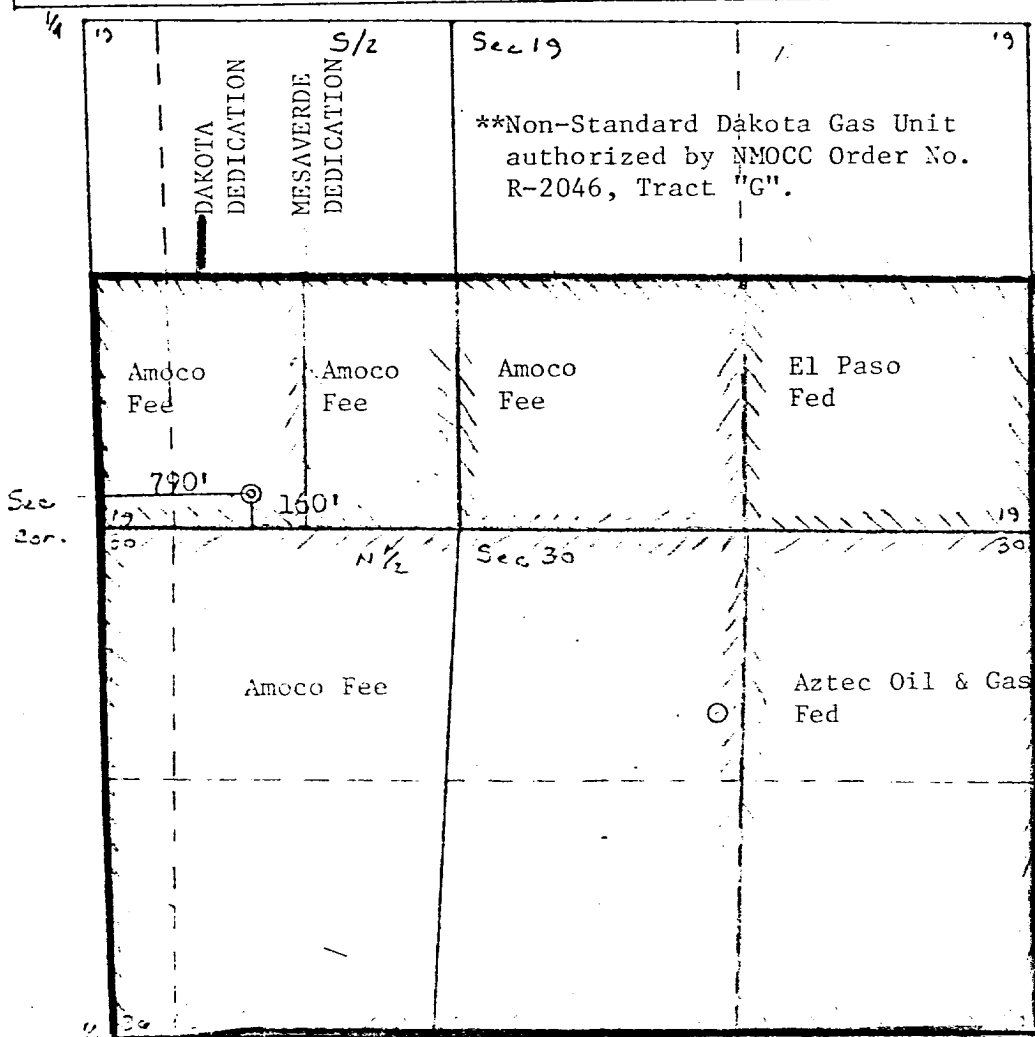
Operator AMOCO PRODUCTION COMPANY			Lease GERK GAS COM "B"		Well No. 102m
Unit Letter N	Section 19	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 160 feet from the South line and 790 feet from the West line </div>					
Ground Level Elev. 5552	Producing Formation Dakota / Mesaverde		Pool Basin Dakota/Blanco Mesaverde		Dedicated Acreage: 407.56/407.56 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 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.

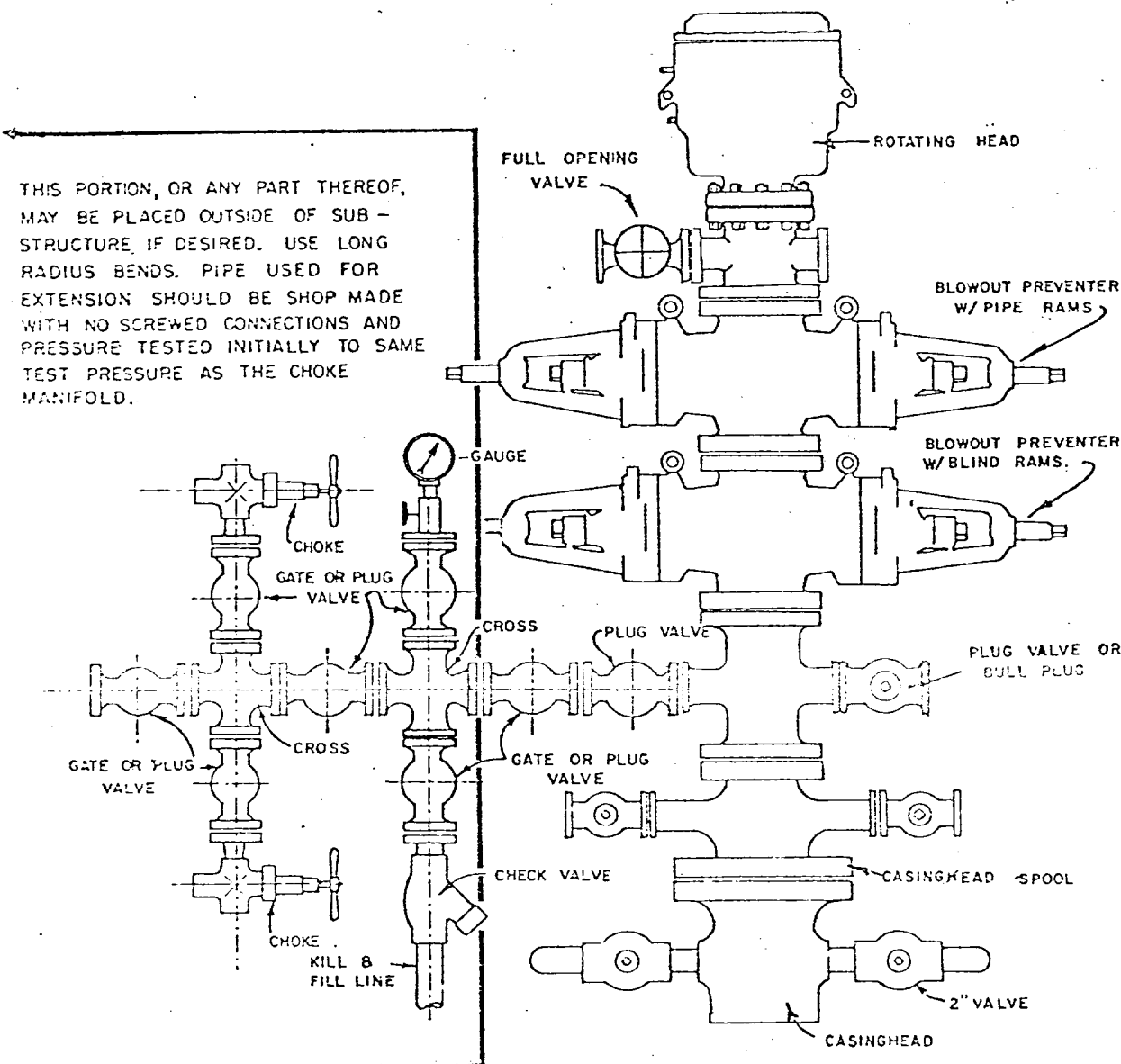
Wayne Peterson
 Name
W. L. PETERSON
 Position
DISTRICT ENGINEER
 Company
AMOCO PRODUCTION COMPANY
 Date
3/23/81

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
March 18, 1981
 Registered Professional Engineer and
 Land Surveyor
Fred B. Hall Jr.
Fred B. Hall 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.