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U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

30-045-36273

Form 1-1981
Revised 1-1-85

5A. Indicate Type of Lease

STATE ☐ FEDERAL ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator Amoco Production Co.

3. Address of Operator 501 Airport Drive, Farmington, N M 87401

4. Location of Well UNIT LETTER N LOCATED 1190 FEET FROM THE south LINE

AND 1450 FEET FROM THE west LINE OF SEC. 26 TWP. 29N RGE. 10W NMPM

10. Field and Pool, or Wildcat Otero Chacra *ext.*

12. County San Juan

19. Proposed Depth 3183'

19A. Formation Otero Chacra

20. Rotary or C.T. Rotary

21. Elevations (Show whether DT, KT, etc.) 5537' 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- $\frac{1}{4}$ "	8-5/8"	24#, J-55	300'	354 cu ft	circ. to surface
7-7/8"	4- $\frac{1}{2}$ "	10.5 # K-55	3183'	1088 cu ft	circ. to surface

Amoco proposes to drill the above well to further develop the Otero Chacra 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. 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 site will be cleaned and the reserve pit filled and leveled. The gas from this well is undedicated at this time.

APPROVAL EXPIRES 9-13-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
MAR 14 1985
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION. 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 Original Signed By Title District Adm. Supervisor Date March 8, 1985

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE MAR 14 1985

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

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

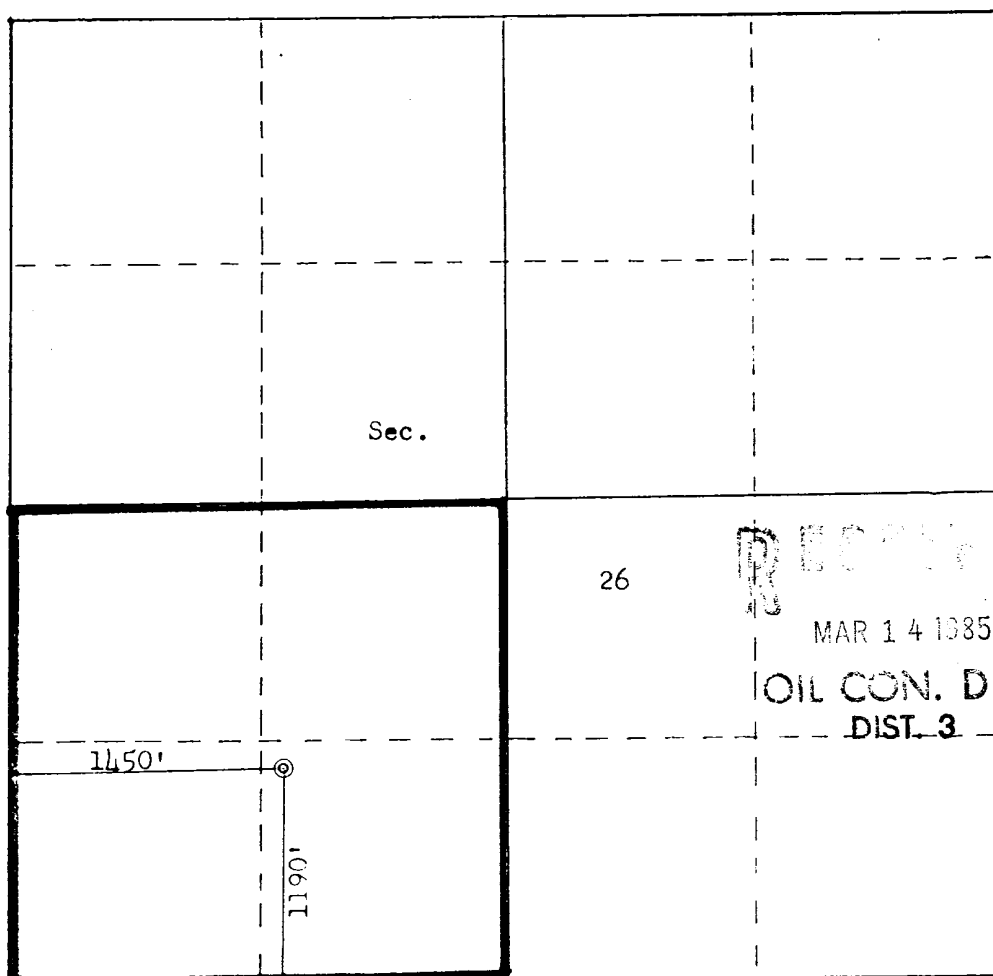
Operator AMOCO PRODUCTION COMPANY			Lease BLACK GAS COM "B"		Well No. 1
Unit Letter N	Section 26	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well: 1190 feet from the South line and 1450 feet from the West line					
Ground Level Elev. 5537	Producing Formation Chacra		Pool Otero Chacra		Dedicated Acreage: 160 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 communitized

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.

Name

D.D. Lawson

Position

District
Adm. Supervisor

Company

Amoco Production Co.

Date

March 8, 1985

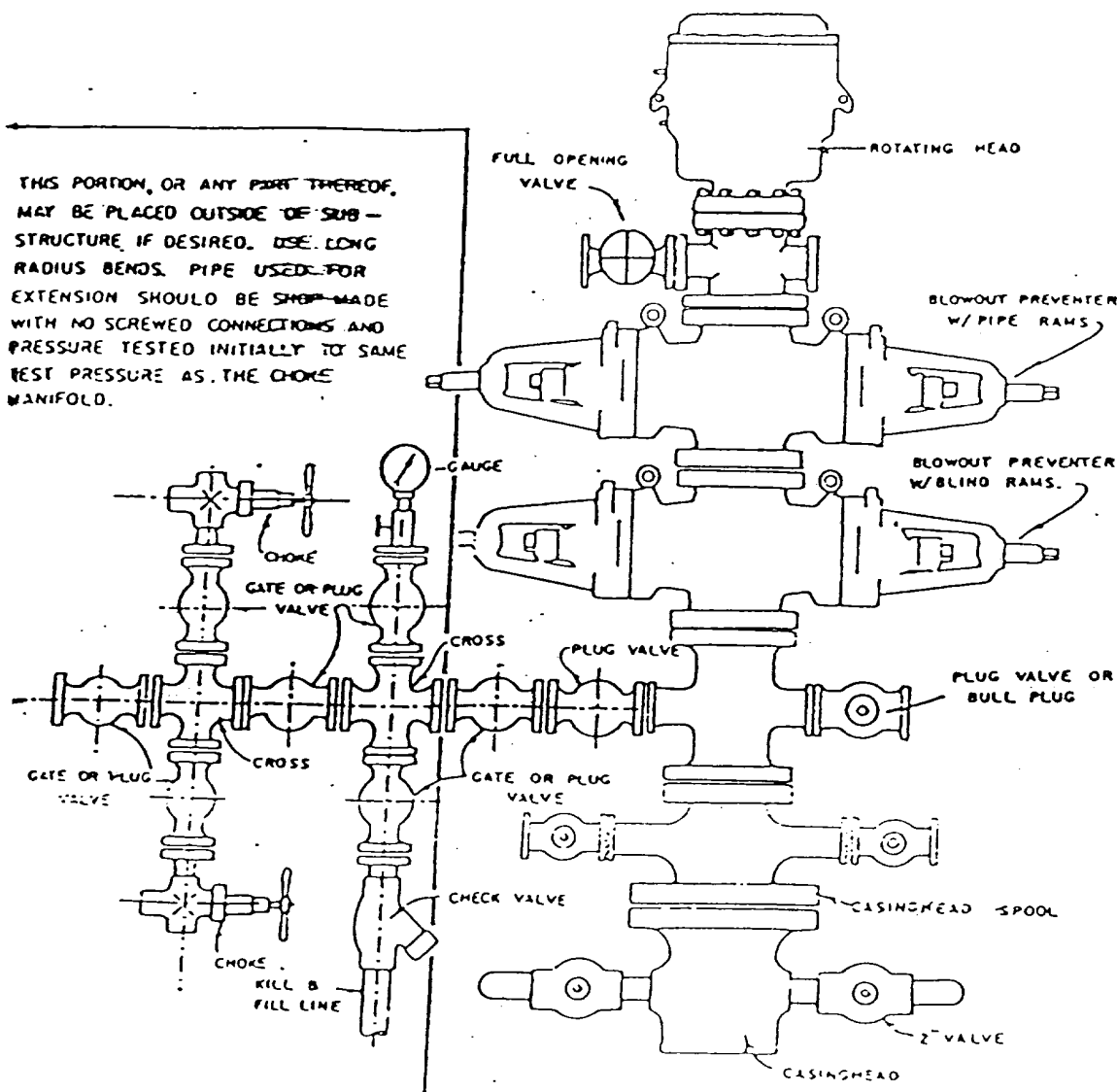
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

REGISTERED LAND SURVEYOR
Registered Professional Engineer
and Land Surveyor of New Mexico
Fred B. Kerr, Jr.Certification No.
3950
F. B. KERR, JR.

Scale: 1"=1000'

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

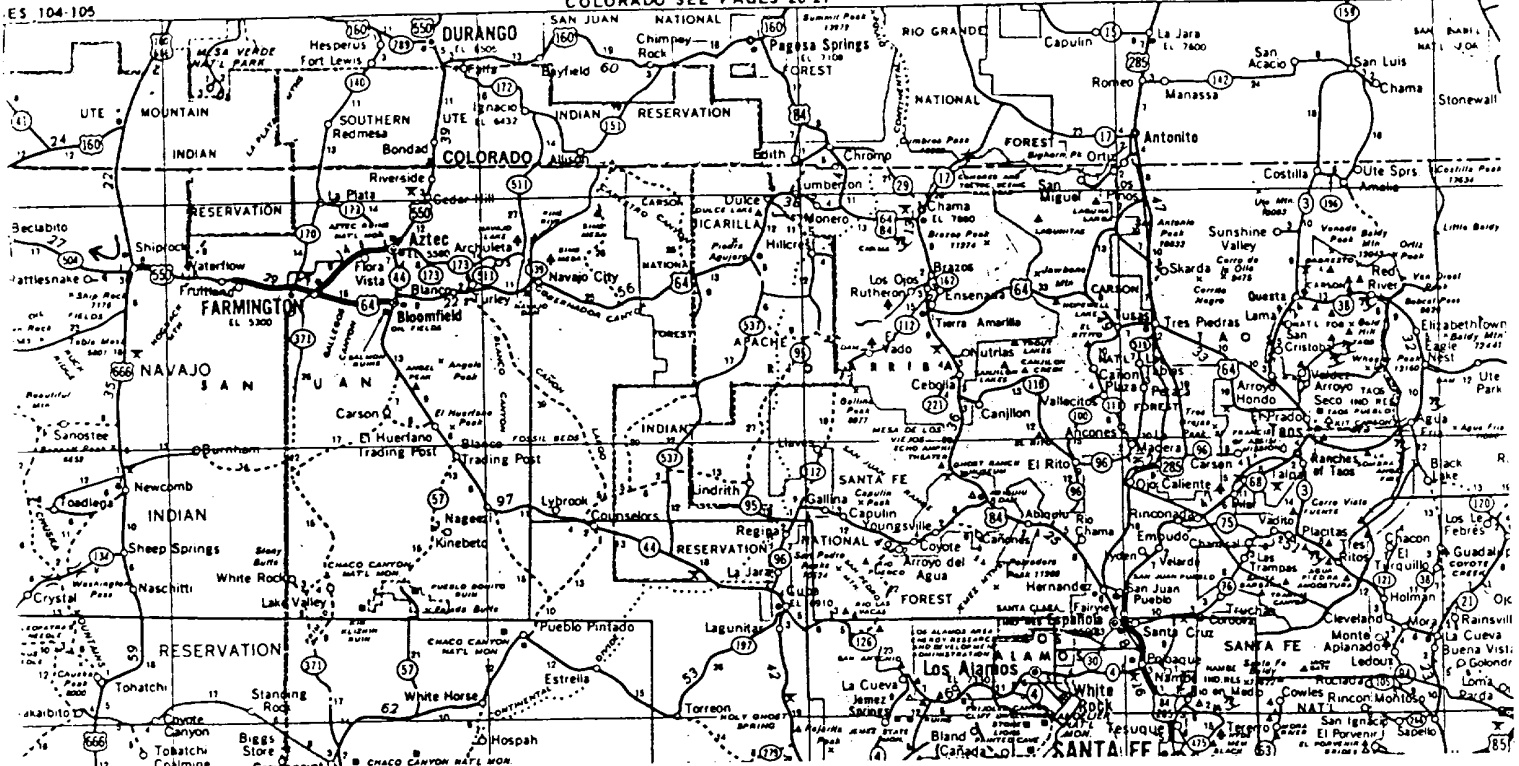
EXHIBIT D-4

OCTOBER 16, 1955

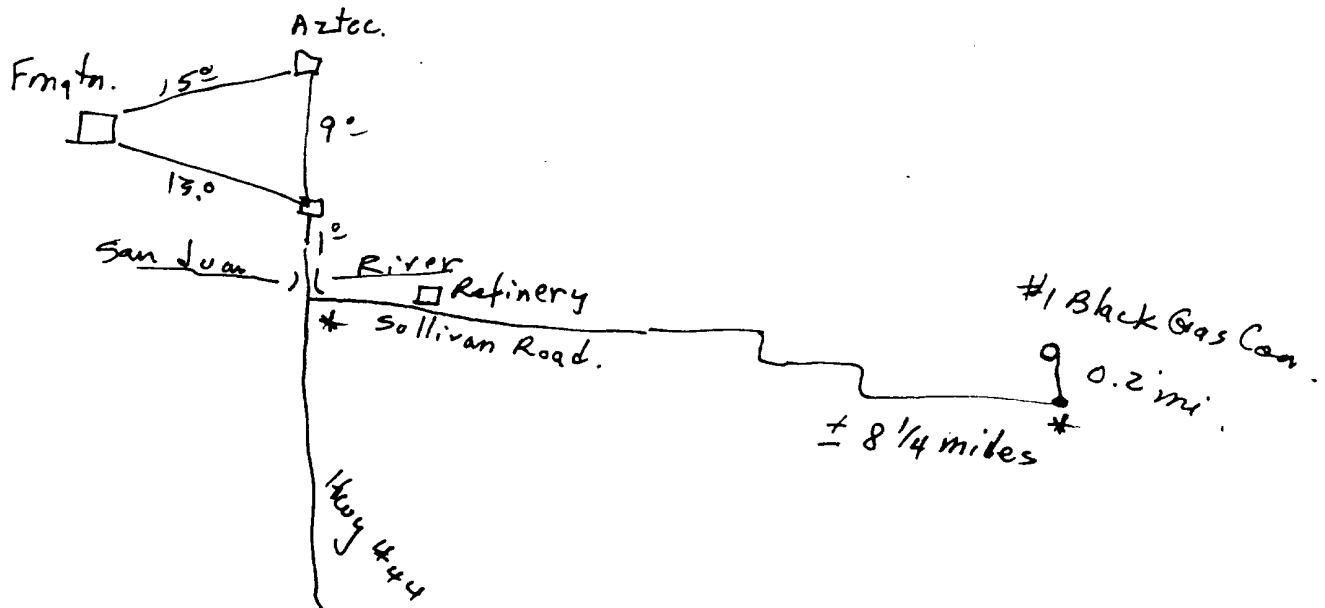
Operation of BOP by closing both pipe and blind rams will be tested each trip
K, on long bit runs, pipe rams will be closed once each 24 hours.

TRANSPORTATION MAP

COLORADO SEE PAGES 20-21



AMOCO PRODUCTION CO. #1 BLACK GAS COM "B"
 1190' FSL 1450' FWL Sec. 26-T29N-R10W
 SAN JUAN COUNTY, NEW MEXICO
 RAIL POINT: 145 mi. Gallup, N.M.
 MUD POINT: 18 mi. Aztec, N.M.
 CEMENT POINT: 22 mi. Farmington, N.M.





Vicinity Map for
AMOCO PRODUCTION COMPANY #1 BLACK GAS COM "B"
1190' FSL 1450' FWL Sec. 26-T29N-R10W
SAN JUAN COUNTY, NEW MEXICO