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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-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.
7. Unit Agreement Name Gallegos Canyon Unit
8. Form or Lease Name
9. Well No. 222E
10. Field and Pool, or Wildcat Basin Dk/Totah GP
12. County San Juan
13. Proposed Depth 6294'
13A. Formation DK & GP
20. Rotary or C.P. Rotary
21. Provisions (Show whether DF, RT, etc.) 5674' GR
21A. Kind & Status Plug. Bond Statewide
21B. Drilling Contractor Unknown
22. Approx. Date Work will start As soon as permitted

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 Company

3. Address of Operator
501 Airport Drive, Farmington, NM 87401

4. Location of Well
UNIT LETTER P LOCATED 790 FEET FROM THE South LINE
790 FEET FROM THE East LINE OF SEC. 12 TWP. 28N RSE. 13 13W

21. Provisions (Show whether DF, RT, etc.)
5674' 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"	4-5/8"	32.3#, H-40	300'	354 c.f. Class B	
8-3/4"	7"	20#, K-55	6294'	1420 c.f. Class B	

Amoco proposes to drill the above well to further develop the Basin Dakota and Totah Gallup reservoirs. 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 dedicated to El Paso Natural Gas under contract No. 56742.

APPROVAL EXPIRES 6-16-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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JAN 16 1985
OIL CON. DIV.
DIST. 3

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION 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.

Original Signed By D.D. Lawson Title Dist. Adm. Supervisor Date 1/10/85
(This space for State Use)
APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JAN 16 1985
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-107
Revised 10-1-78

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

Operator AMOCO PRODUCTION COMPANY			Lease GALLEGOS CANYON UNIT			Well No. 222E		
Unit Letter P	Section 12	Township 28N	Range 13W	County San Juan				
Actual Footage Location of Well: 790 feet from the South line and 790 feet from the East line								
Ground Level Elev. 5674	Producing Formation Dakota & Gallup		Pool Basin Dakota/Totah Gallup			Dedicated Acreage: 364.5 220/80 Acres		

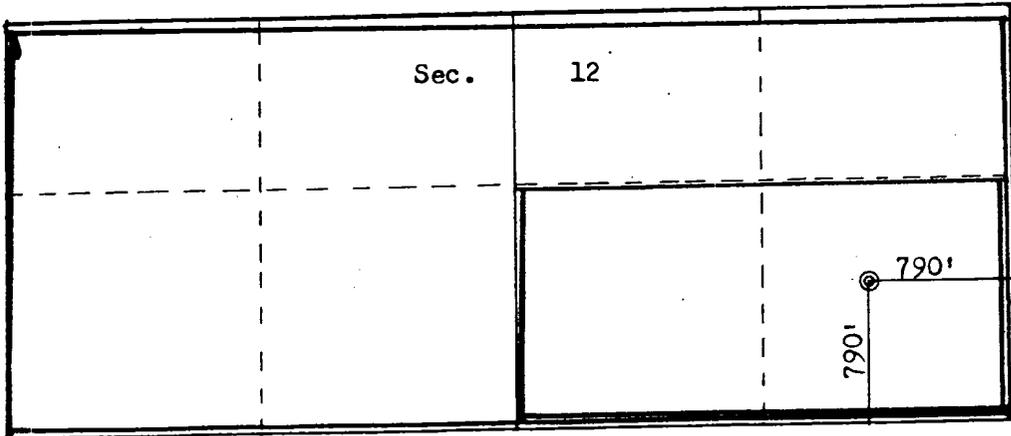
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Unitized

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.

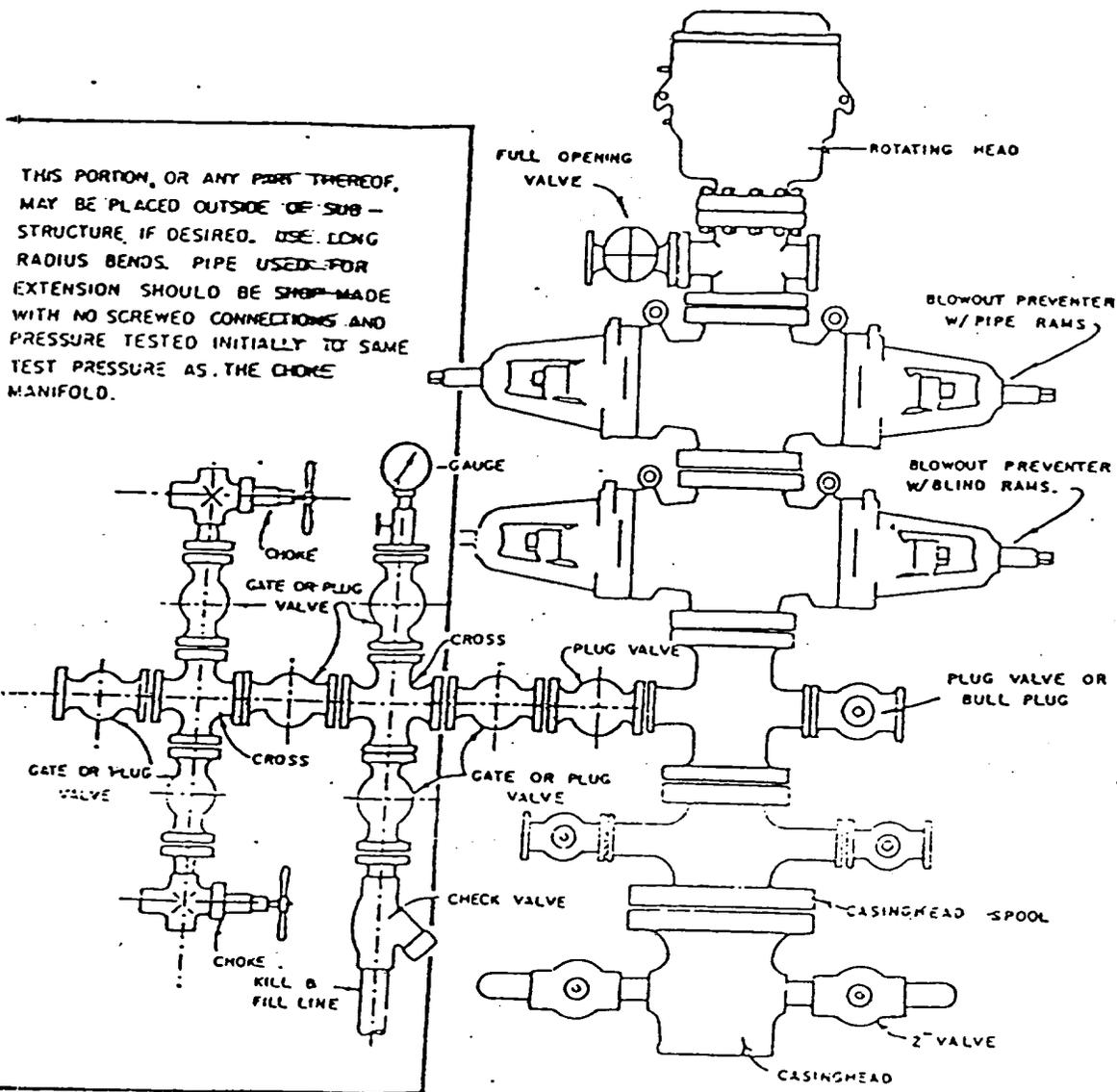
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OIL CON. DIV.
DIST. 3



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 B. D. Shaw	
Name	B. D. Shaw
Position	Administrative Supervisor
Company	Amoco Production Company
Date	1/10/85
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 10, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kert Jr.</i> Fred B. Kert 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. Oasco 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.

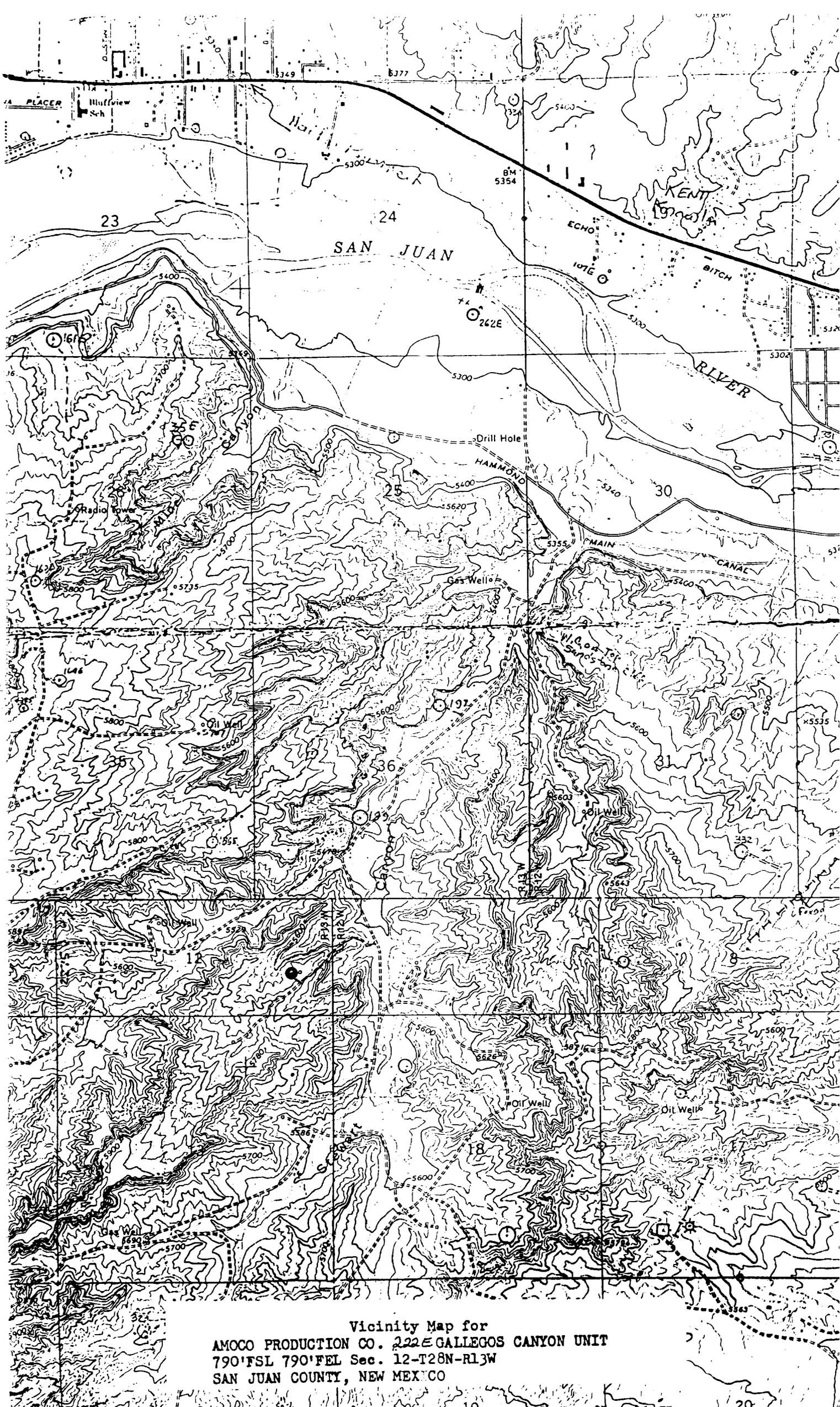


BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4
OCTOBER 16, 1955

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



Vicinity Map for
AMOCO PRODUCTION CO. 222E GALLEGOS CANYON UNIT
790'FSL 790'FEL Sec. 12-T28N-R13W
SAN JUAN COUNTY, NEW MEXICO