

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-70

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DISTRIBUTION	
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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.  
B-09145

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 Uni
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Form or Lease Name
2. Name of Operator Amoco Production Co.		9. Well No. 416
3. Address of Operator 501 Airport Drive, Farmington, N M 87401		10. Field and Pool, or Wildcat EXT W. Kutz Pictured Cli
4. Location of Well UNIT LETTER M LOCATED 1160 FEET FROM THE South LINE AND 870 FEET FROM THE West LINE OF SEC. 16 TWP. 29N RGE. 12W		12. County San Juan
13. Proposed Depth 1758'		14A. Formation Pictured Cliffs
15A. Formation Pictured Cliffs		20. Rotary or C.T.
21. Elevations (Show whether LH, RH, etc.) 5595'	21A. Kind & Status Plug. Bond Statewide	22. Approx. Date Work will start 1st Quarter of 198

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#. J-55	300'	300 SX	Surface
7 7/8"	4 1/2"	11.6#. K-55	1758'	509 SX	Surface

Amoco proposes to drill the above well to further develop the West Kutz Pictured Cliffs 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 dedicated to El Paso Natural Gas Company.

APPROVAL EXPIRES 5-26-86  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
NOV 26 1985  
OIL CON. DIV.  
DIST. 3

RECEIVED  
NOV 20 1985  
OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PREVIOUS 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 B. D. Shaw Title Adm. Supervisor Date 11-13-85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE GEOLOGIST DISTRICT #3 DATE NOV 26 1985

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-12H  
Effective 1-1-65

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

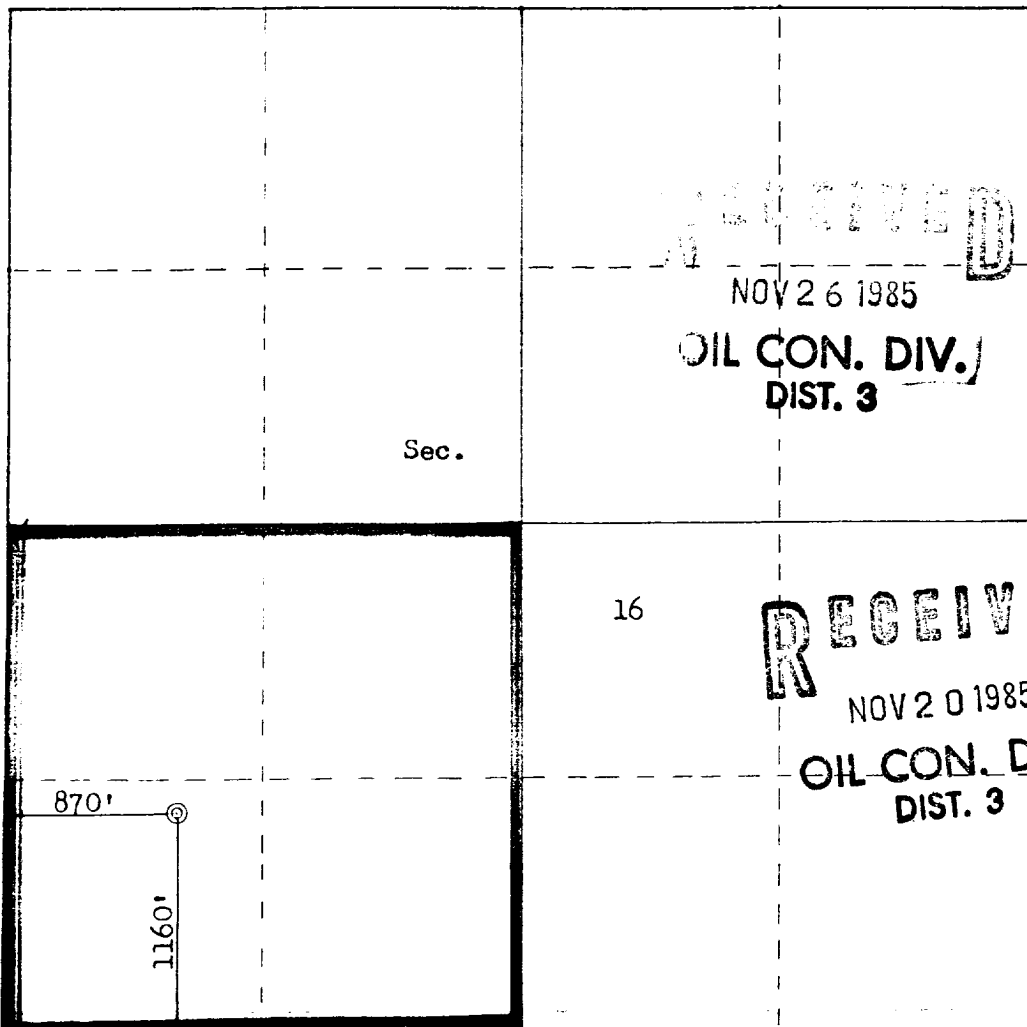
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>416</b>
Unit Letter <b>M</b>	Section <b>16</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1160</b> feet from the <b>South</b> line and <b>870</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5595</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>W. Kutz Pictured Cliffs Ext</b>		Dedicated Acreage: <b>160</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 Unitized

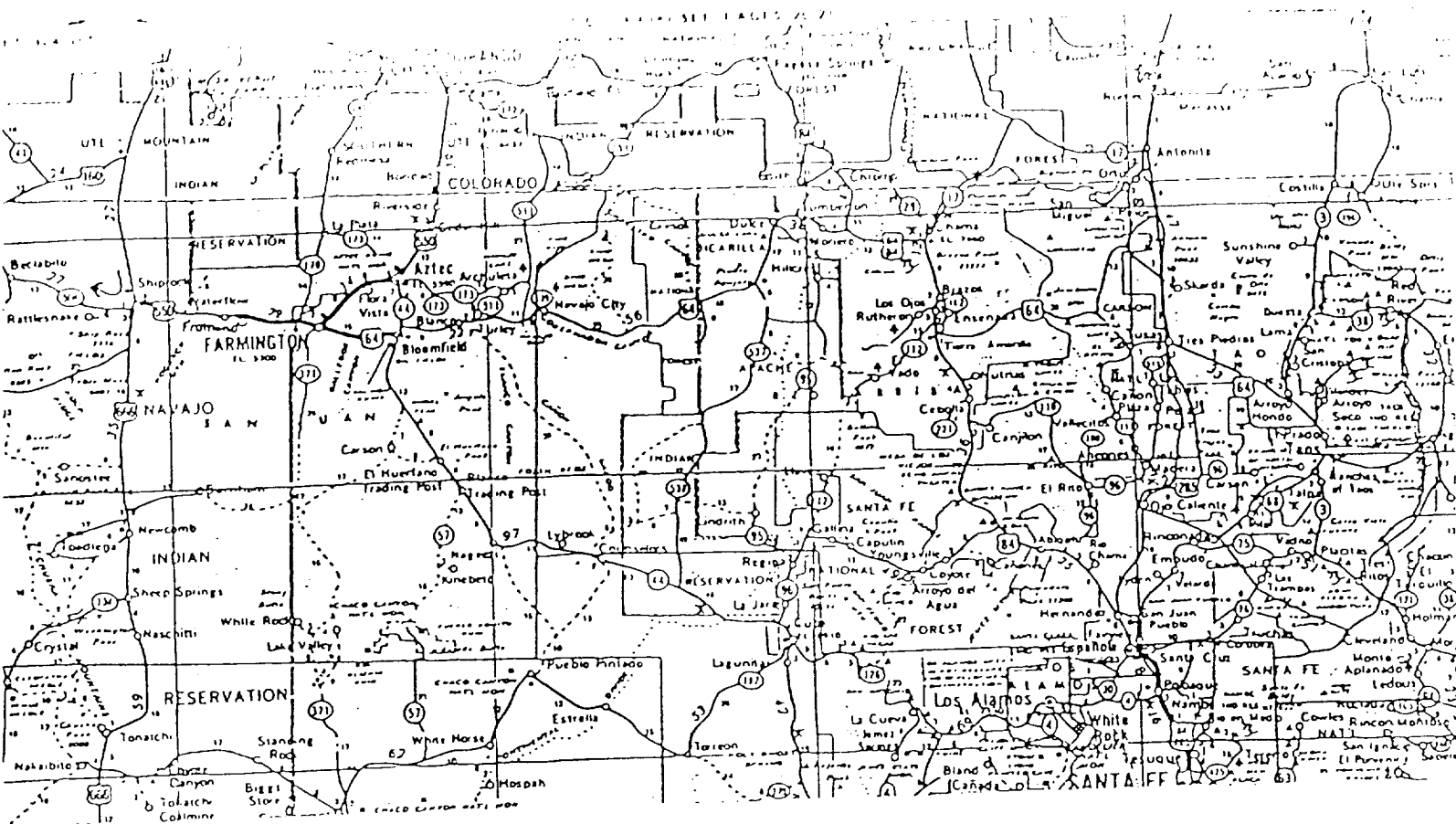
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

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.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<b>B. D. Shaw</b>
Position	<b>Adm. Supervisor</b>
Company	<b>Amoco Production Co.</b>
Date	<b>November 8, 1985</b>
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	<b>October 7, 1985</b>
Registered Professional Engineer and Land Surveyor <b>Fred. B. Kerr Jr.</b>	
Certificate No.	<b>3350</b>



AMOCO PRODUCTION CO. #416 GALLEGSO CANYON UNIT  
 1160'FSL 870'FWL Sec. 16-T29N-R12W  
 SAN JUAN COUNTY, NEW MEXICO

RAIL POINT:  
 MUD POINT:  
 CEMENT POINT:

