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# NEW MEXICO OIL CONSERVATION COMMISSION

30-039-23622

Form 1-11  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-289

## 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"/>		Rosa Unit	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		9. Well No.	
2. Name of Operator		114	
Amoco Production Company		10. Field and Pool, or Wildcat	
3. Address of Operator		Basin Dakota/Undes. Gallup	
501 Airport Drive, Farmington, NM 87401		11. Section, Township, Range	
4. Location of Well		356 26 160	
UNIT LETTER N LOCATED 860 FEET FROM THE South LINE		12. County	
AND 1710 FEET FROM THE West LINE OF SEC. 2 TWP. 31N RGF. 6W NMPM		Rio Arriba	
19. Proposed Depth		19A. Formation	
8125'		Dakota/Gallup	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
6248' GR		As soon as permitted	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Statewide		Unknown	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	11-3/4"	42# H-40	400'	350 c. f.	Class B Surf
7-7/8"	4-1/2"	11.6#, N-80	8125'	2785 c.f.	Class B

Amoco proposes to drill the above well to further develop the Basin Dakota & Undesignated 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 at this time.

APPROVAL EXPIRES 5-20-85  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

<sup>Not</sup>  
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OCT 30 1984

OIL CON. DIV.

DIST. 3

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

Signed R D Shaw Title Administrative Supervisor Date 10/25/84

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3

CONDITIONS OF APPROVAL, IF ANY:

OK NSF R-2046

NOV 19 1984

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

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>ROSA UNIT</b>		Well No. <b>111</b>
Unit Letter <b>N</b>	Section <b>2</b>	Township <b>31N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>960</b> feet from the <b>South</b> line and <b>1710</b> feet from the <b>West</b> line					
Ground Level Elev: <b>6248</b>	Producing Formation <b>Dakota &amp; Gallup</b>		Pool <b>Basin Dakota/Undes. Gallup</b>		Dedicated Acreage: <b>356.26</b> <del>320</del> /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 Unitized

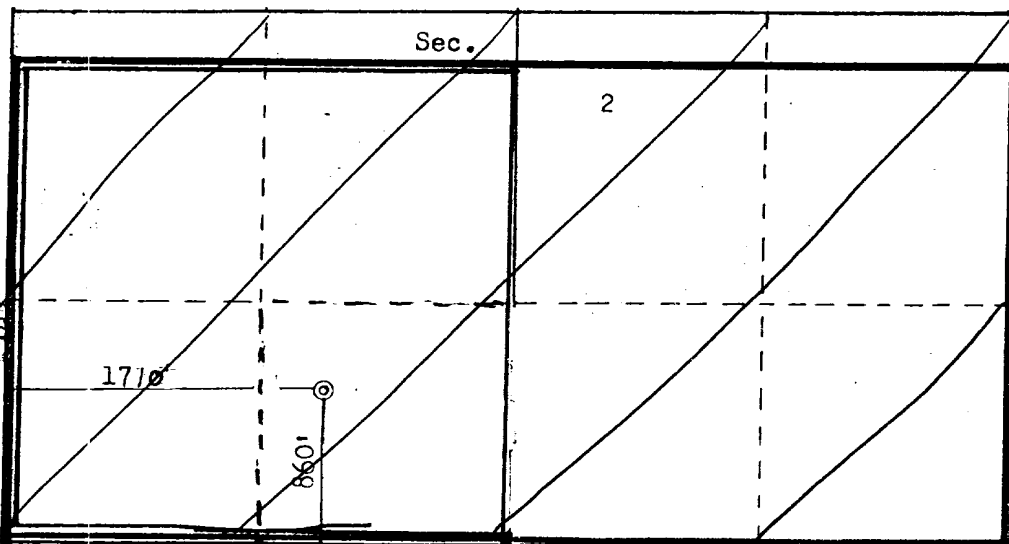
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

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.

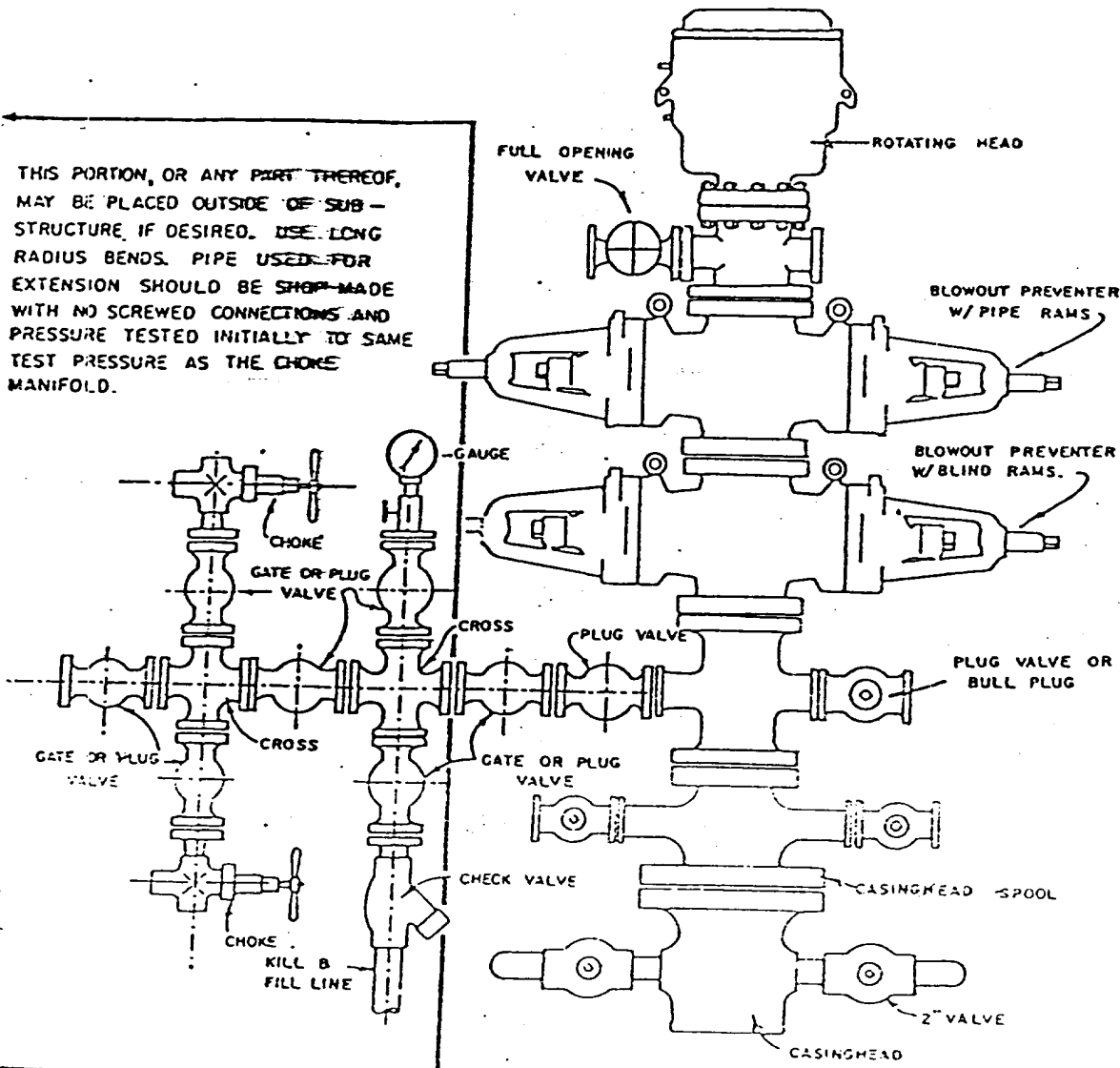
**Original Signed By**  
**B. D. Shaw**

Name	B. D. Shaw
Position	Administrative Supervisor
Company	Amoco Production Co.
Date	10/18/84

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	April 27, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i> Fred B. Kerr 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.



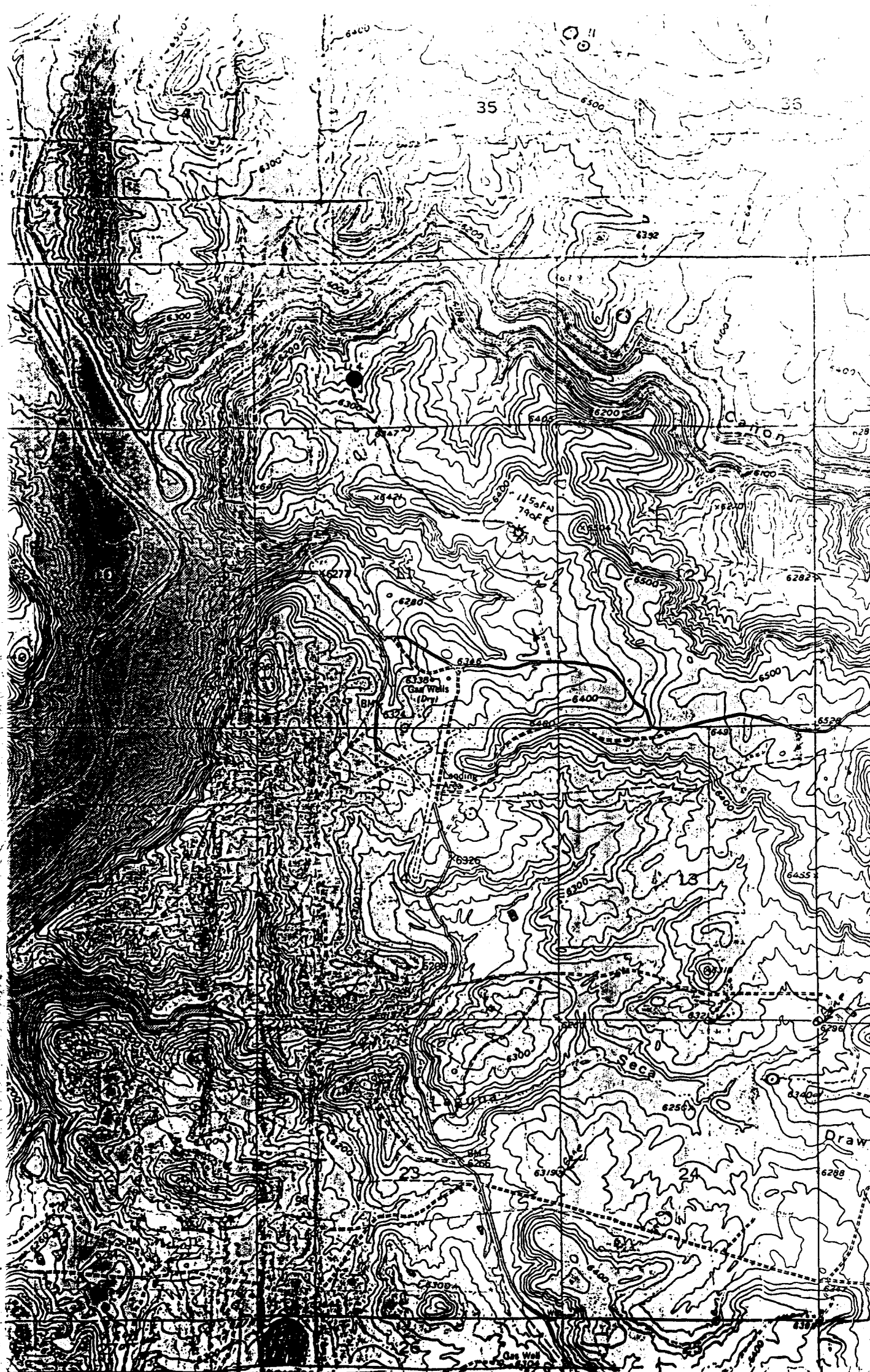
## BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4

OCTOBER 16, 1965

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  
NMOCO PRODUCTION COMPANY #111, ROSA UNIT  
860' FSL 1710' FWL Sec. 2-T31N-R6W  
RIO ARriba COUNTY, NEW MEXICO