

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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"/>				5. LEASE DESIGNATION AND SERIAL NO. SE 077966																
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																
2. NAME OF OPERATOR Amoco Production Company				7. UNIT AGREEMENT NAME Gallegos Canyon Unit																
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401				8. FARM OR LEASE NAME																
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 515' FSL x 770' FEL At proposed prod. zone Same				9. WELL NO. 236R																
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 16 miles southeast of Farmington, NM				10. FIELD AND POOL, OR WILDCAT Basin Dakota/Totah Gallup																
16. NO. OF ACRES IN LEASE 43.146-62 1600		17. NO. OF ACRES ASSIGNED TO THIS WELL 320/80		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SE Sec. 14, T28N, R13W																
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'		19. PROPOSED DEPTH 6220'		12. COUNTY OR PARISH San Juan																
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5781' GR		20. ROTARY OR CABLE TOOLS Rotary		13. STATE NM																
22. APPROX. DATE WORK WILL START* As soon as permitted				23. This action is subject to administrative appeal pursuant to 30 CFR 290.																
24. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.																				
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS", CASING AND CEMENTING PROGRAM																				
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT PER FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>12-1/4"</td><td>9-5/8"</td><td>32.3#, H-40</td><td>300'</td><td>354 c.f. Class B</td></tr><tr><td>8-3/4"</td><td>7"</td><td>20#, K-55</td><td>6220'</td><td>1409' c.f. Class B</td></tr></tbody></table>						SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	12-1/4"	9-5/8"	32.3#, H-40	300'	354 c.f. Class B	8-3/4"	7"	20#, K-55	6220'	1409' c.f. Class B
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Amoco proposes to drill the above well to further develop the Basin Dakota and Totah Gallup Extension 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. 56,742.

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24. Original Signed By D.D. Lawson District Administrative Supervisor  
SIGNED D.D. Lawson TITLE Administrative Supervisor DATE 2/5/85  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_ APPROVED AS AMENDED

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 25 1985  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

NMOCC

\*See Instructions On Reverse Side

M. MILLENBACH  
AREA MANAGER

## 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 <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>236R</b>
Unit Letter <b>P</b>	Section <b>14</b>	Township <b>28N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>515</b> feet from the <b>South</b> line and <b>770</b> feet from the <b>East</b> line					
Ground Level Elev: <b>5781</b>	Producing Formation <b>Dakota &amp; Gallup</b>		Pool <b>Basin Dakota/Totah Gallup Ext.</b>		Dedicated Acreage: <b>320/80</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.

Sec.		<b>RECEIVED</b> <b>FEB 12 1985</b> BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA	
14		770'	
515'			

APR 29 1985  
OIL CONSERVATION DIVISION  
SANTA FE, N.M.

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	Original Signed By <b>D.D. Lawson</b>
Position	<b>District Administrative Supervisor</b>
Company	<b>Amoco Production Company</b>
Date	<b>2/5/85</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>January 18, 1985</b>
Registered Professional Engineer and Land Surveyor	<b>Fred B. Kerr Jr.</b>
Certificate No.	<b>3950</b>

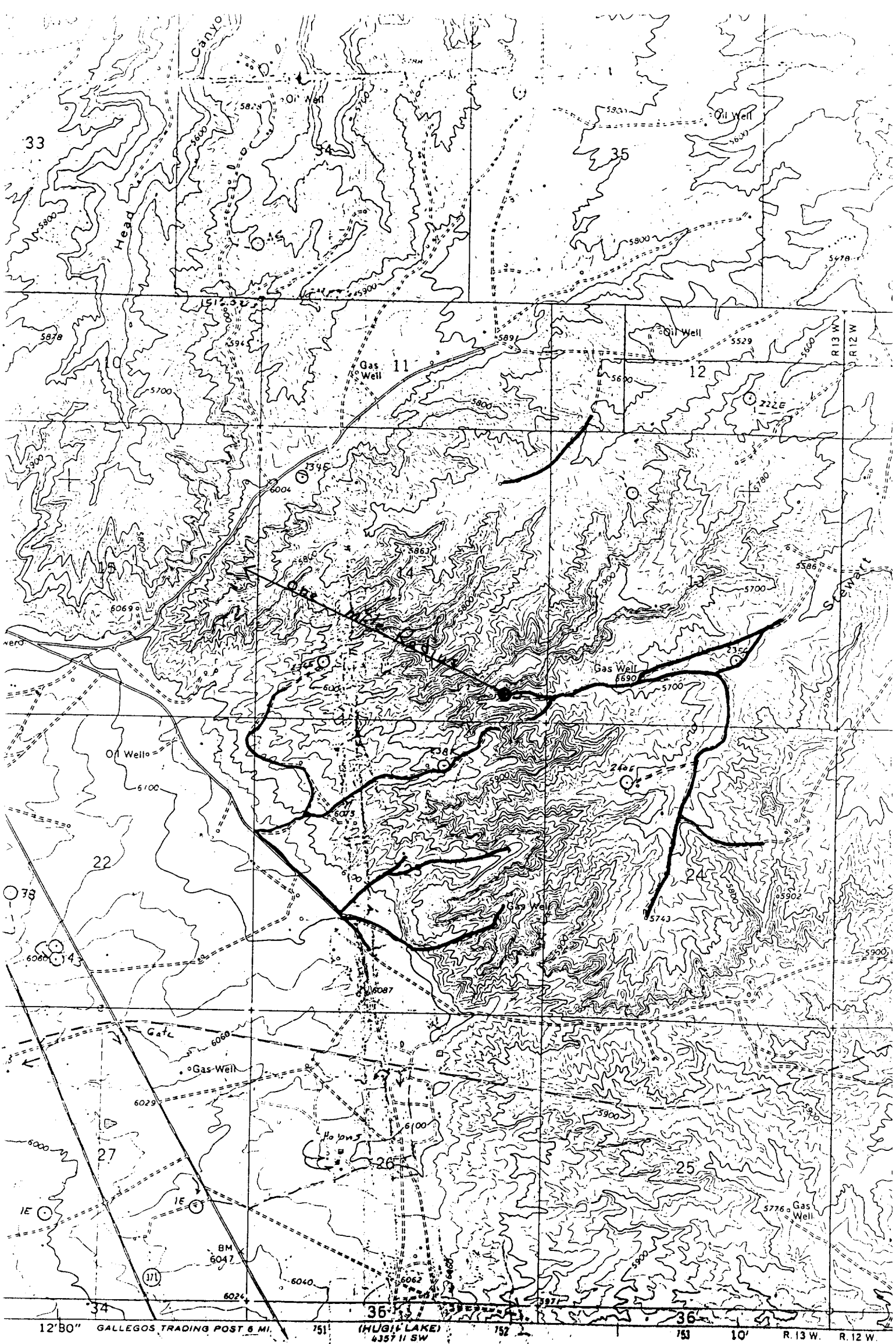


Exhibit B

VICINITY MAP FOR  
 AMOCO PRODUCTION COMPANY #236R GALLEGOS CANYON UNIT  
 515'FSL 770'FEL Sec. 14-T28N-R13W  
 SAN JUAN COUNTY, NEW MEXICO

NATIONAL MEANSEA LEVEL DATUM OF 1929

NEW