

Amended Location

30-045-24886

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK: DRILL DEEPEN PLUG BACK

2. TYPE OF WELL: OIL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR: Amoco Production Company

4. ADDRESS OF OPERATOR: 501 Airport Dr., Farmington, NM 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: 350' FSL x 1530' FWL
At proposed prod. zone: Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 1 mile south of Farmington, NM

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 350'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1950'

9. ELEVATIONS (Show whether DF, RT, GR, etc.): 5638' GL

10. UNIT AGREEMENT NAME: Galleros Canyon Unit Com

11. FIELD OR LEASE NAME:

12. WELL NO.: 161E

13. FIELD AND POOL OR WILDCAT: Lasin Dakota

14. SEC. T. R. M. OR B.L. AND SURVEY OR AREA: SE/4 SW/4, Section 23, T29N, R13W

15. COUNTY OR PARISH: San Juan

16. STATE: NM

17. NO. OF ACRES IN LEASE: 199.43

18. NO. OF ACRES ASSIGNED TO THIS WELL: 320

19. PROPOSED DEPTH: 6400'

20. ROTARY OR CABLE TOOLS: Rotary

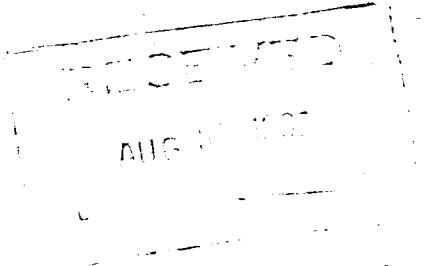
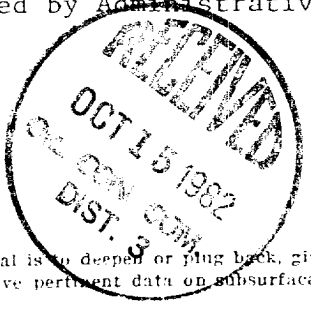
21. APPROX. DATE WORK WILL START*: As Soon As Permitted

22. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (New)	24#	300'	315 sx Class "B" w/2% CaCl2-circ.
7-7/8"	4-1/2" (New)	10.5#	6400'	Stage 1-425 sx Class "B" 50/50 POZ 6% gel, 2# med tuf plug/sx Class "B" Neat-circ.
				Stage 2-680 sx Class "B" 65/35 POZ, 6% gel, 2# med tuf plug/sx, and 0.8% FLA. Tail in w/100 sx Class "B" Neat-circ.
				DV tool set at 4240'

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NMOCC on May 22, 1979. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V. The gas from this well is dedicated to El Paso Natural Gas Co., Contract # 56742.

The non-standard location was approved by Administrative Order NSL-1363 dated May 4, 1981.



23. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive 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.

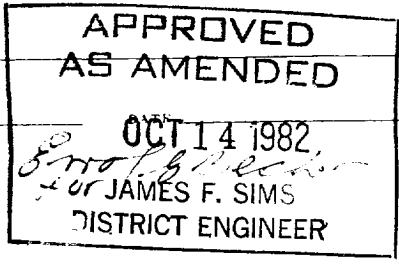
24. Original Signed By D. H. SHOEMAKER TITLE District Engineer DATE 8-19-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____



NMOCC

UNITIZATION AND COMMUNITIZATION OF OIL AND GAS PROPERTIES
This instrument must be filed for later consideration of the Section

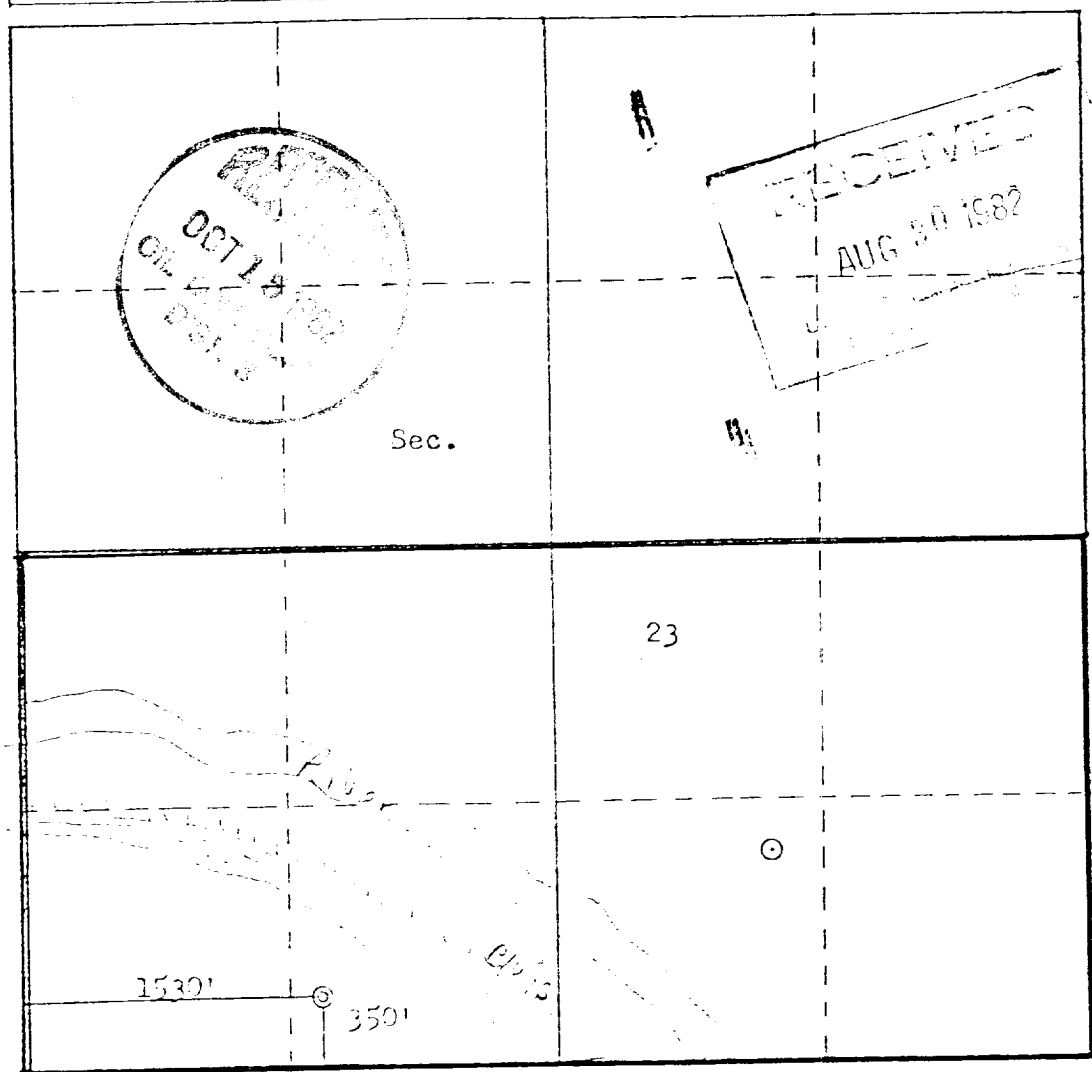
Operator AMOCO PRODUCTION COMPANY		Lease GALLEGO CANYON UNIT Gas Co.		Well No. 1611
Unit Letter N	Section 23	Township 29N	Range 13W	County San Juan
Actual Footage Location of Well: 350 feet from the South line and 1530 feet from the West line.				
Ground Level Elev. 5638	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 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 Communitization

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.

W. L. Peterson

Name
W. L. PETERSON

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
2-12-81

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 **January 6, 1981**

Registered Professional Engineer and Land Surveyor

Fred B. Kern, Jr.
Fred B. Kern, Jr.

Certificate No. **3950**