

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-24870

5. LEASE DESIGNATION AND SERIAL NO.

SF-078926-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

163E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.

SW/4, SW/4, Section 26,
T29N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

501 Airport Dr., Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

930' FSL x 1120' FWL, Section 26, T29N, R13W

At proposed prod. zone Same

11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

9.3 miles Southeast of Farmington, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

930'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED

TO THIS WELL

S 320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2000'

19. PROPOSED DEPTH

6382'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5832' C.L.

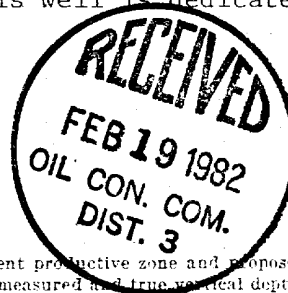
22. APPROX. DATE WORK WILL START*

As soon as permitted

23. 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"	24# (K-55)	300'	315 sx (See Back)
7-7/8"	4-1/2"	10.5# (J-55)	6382'	1100 sx (See Back)
				DV tool set at 4494'.

Amoco proposes to drill the above well to further develop the Basin Dakota 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. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout prevent design. Upon completion the well location will be cleaned and the reserve pit filled and leveled. Gas produced from this well is dedicated to El Paso Natural Gas Company, Contract No. 56742.



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 prevention program, if any.

24.

SIGNED Wayne L. PetersonTITLE District EngineerDATE 1-8-82

(This space for Federal or State office use)

PERMIT NO. Well drilled in
1981

ACCEPTED FOR RECORD

FEB 16 1982

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

BY Dean Elliott
FARMINGTON DISTRICT

NMOC

APPROVED
AS AMENDED

FEB 16 1982

JAMES F. SIMS
DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

CEMENTING PROCEDURES

8-5/8" - 300 sx class "B" w/2% CaCl₂ - circ.

4-1/2" - 1st stage - 360 sx class "B", 50:50 POZ, 6% gel, 2# medium tuf plug/sx, and 0.8% fluid loss additive. Tail in with 100 sx class "B" neat - circ.

2nd stage - 740 sx class "B" 65:35 POZ, 6% gel, 2# medium tuf plug/sx, and 0.8% fluid loss additive. Tail in 100 sx class "B" neat - circ.

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

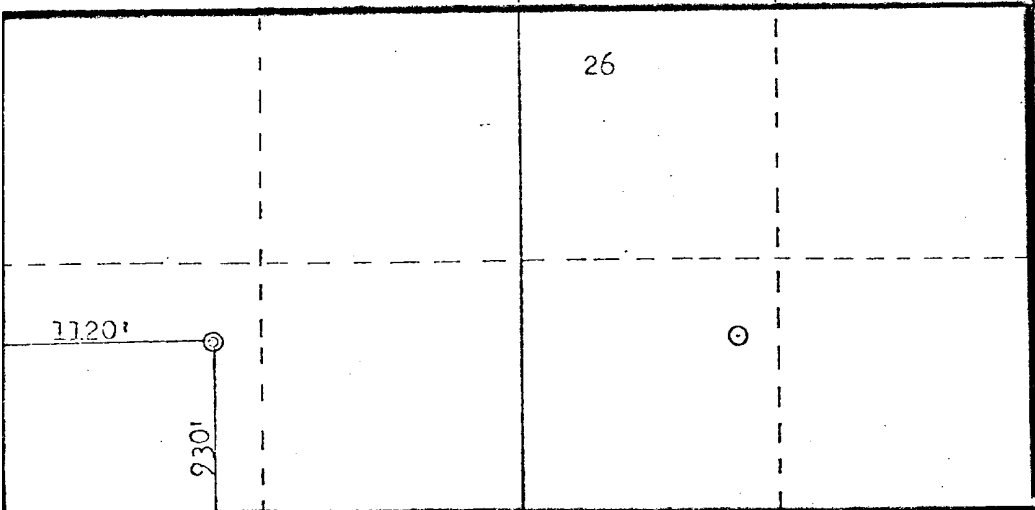
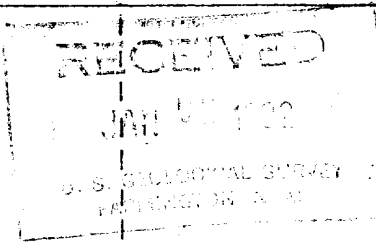
Lessee AMOCO PRODUCTION COMPANY			Lease GALLEGO CANYON UNIT		Well No. 163E
Section 26	Township 29N	Range 13W	County San Juan		
Well Footage Location of Well:					
930	feet from the South	line and 1120	feet from the West	line	
Well Level Elev: 5632	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 5 320 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 Unitization

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
January 8, 1982

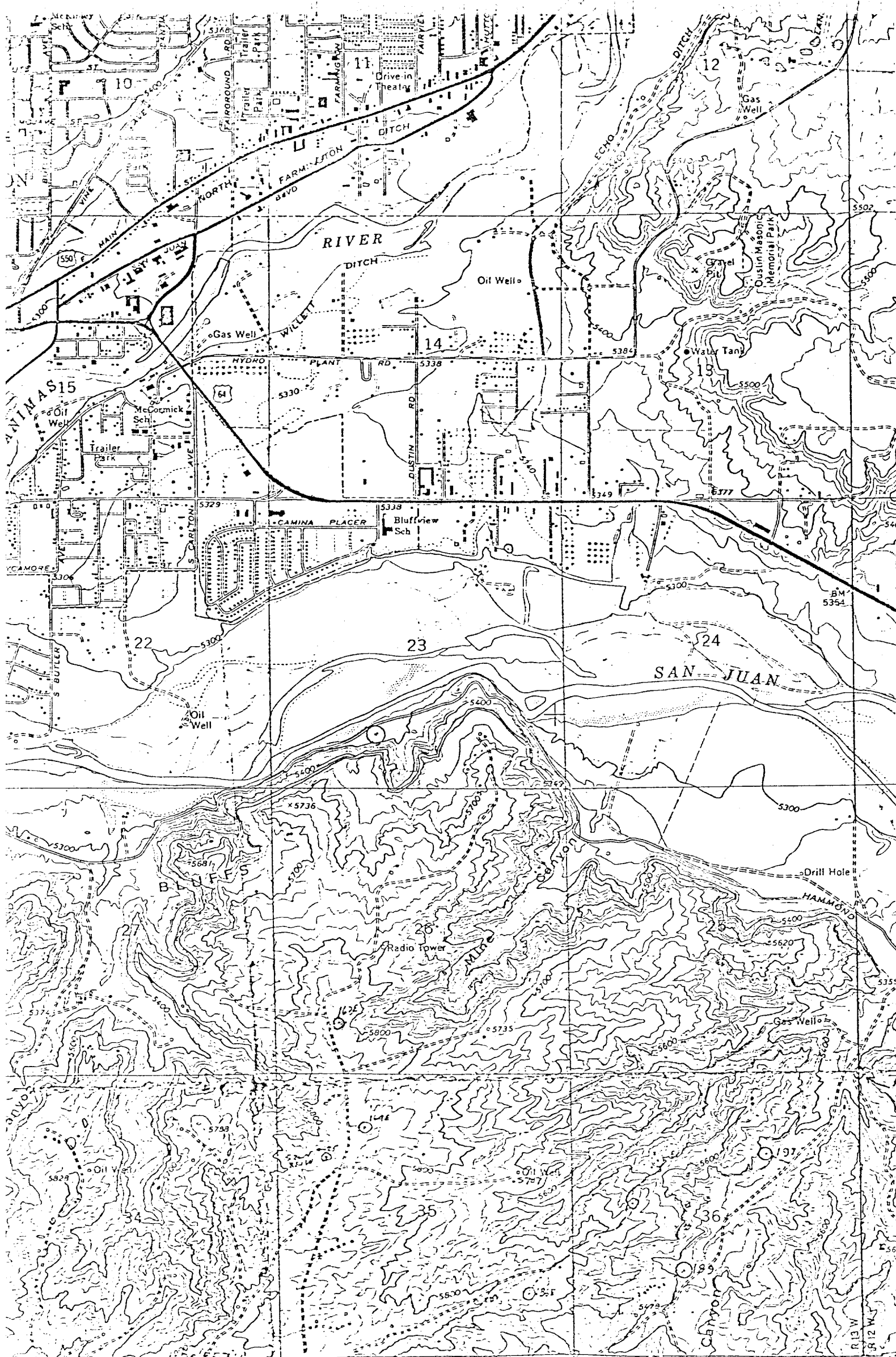
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 11, 1980

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 1415
3950 ENVIRONMENTAL



Vicinity Map for
AMOCO PRODUCTION CO. #163E GALLEGOS CANYON UNIT
250-531 1120' NW 34-0, 26-22N-R13W