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NEW MEXICO OIL CONSERVATION COMMISSION

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OCT 12 1984

## OIL CON. DIV.

### DIST. 3

Form O-101  
Revised 1-4-65

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil &amp; Gas Lease No.

### APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			7. Unit Agreement Name		
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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. Farm or Lease Name Quine Gas Com		
2. Name of Operator Amoco Production Company			9. Well No. 1E		
3. Address of Operator 501 Airport Drive Farmington, NM 87401			10. Field and Pool, or Wildcat Basin Dakota		
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1510</u> FEET FROM THE <u>South</u> LINE AND <u>1940</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>31</u> TWP. <u>30N</u> RGE. <u>12W</u> NMPM			12. County San Juan		
19. Proposed Depth 6310'			19A. Formation Dakota		20. Rotary or C.T. Rotary
21. Elevations (Show whether DT, RT, etc.) 5455' GR		21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Unknown		22. Approx. Date Work will start As soon as permitted

### 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#, K-55	300'	354 cu. ft.	Class B
7-7/8"	4-1/2"	10.5#, K-55	6310'	2067 cu. ft.	Class B

(This string may be two staged but the cement types and volumes remain the same.)

APPROVAL EXPIRES 5-13-85  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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. 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.

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. 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 B. D. Shaw Title Admin. Supervisor Date 10-9-84

(This space for State Use)

SUPERVISOR DISTRICT # 3

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE NOV 12 1984

CONDITIONS OF APPROVAL, IF ANY:

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

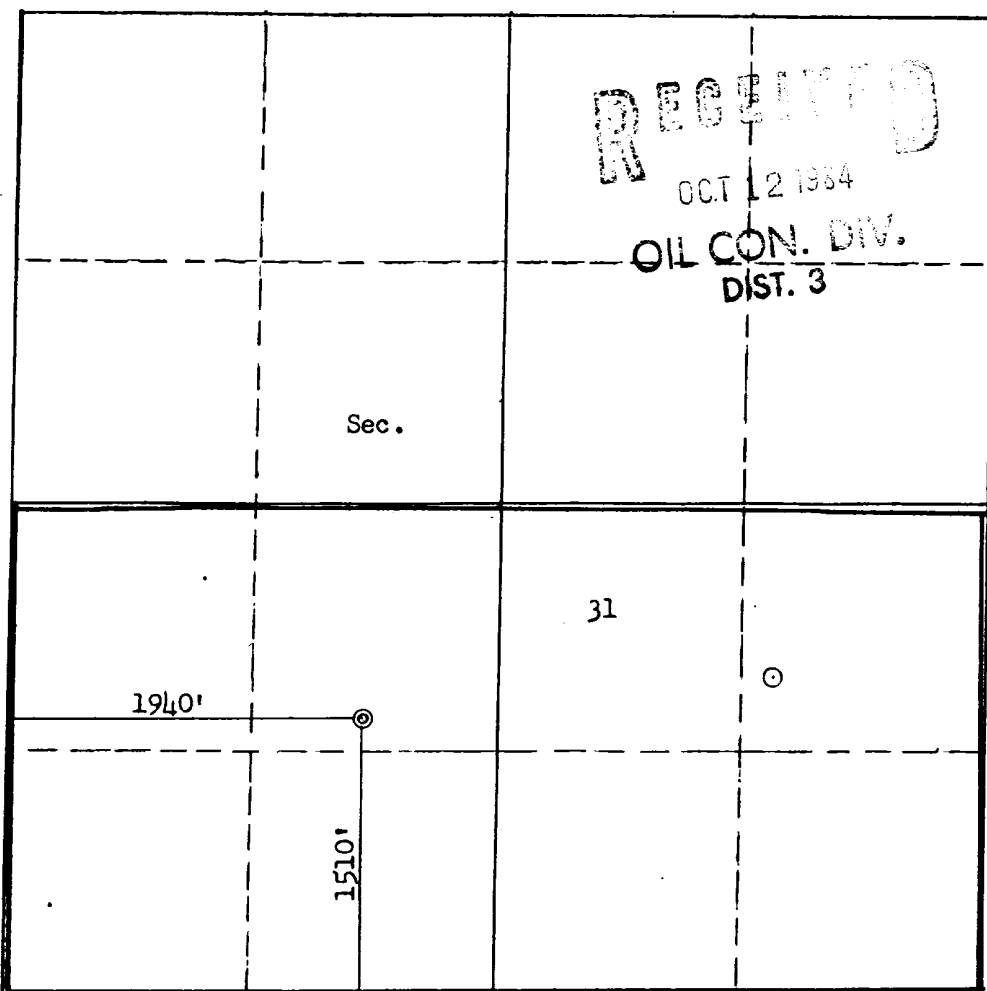
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>QUINES GAS COM</b>		Well No. <b>1E</b>
Unit Letter <b>K</b>	Section <b>31</b>	Township <b>30N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1510</b> feet from the <b>South</b> line and <b>1940</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5455</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320</b> 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 Communitized

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.

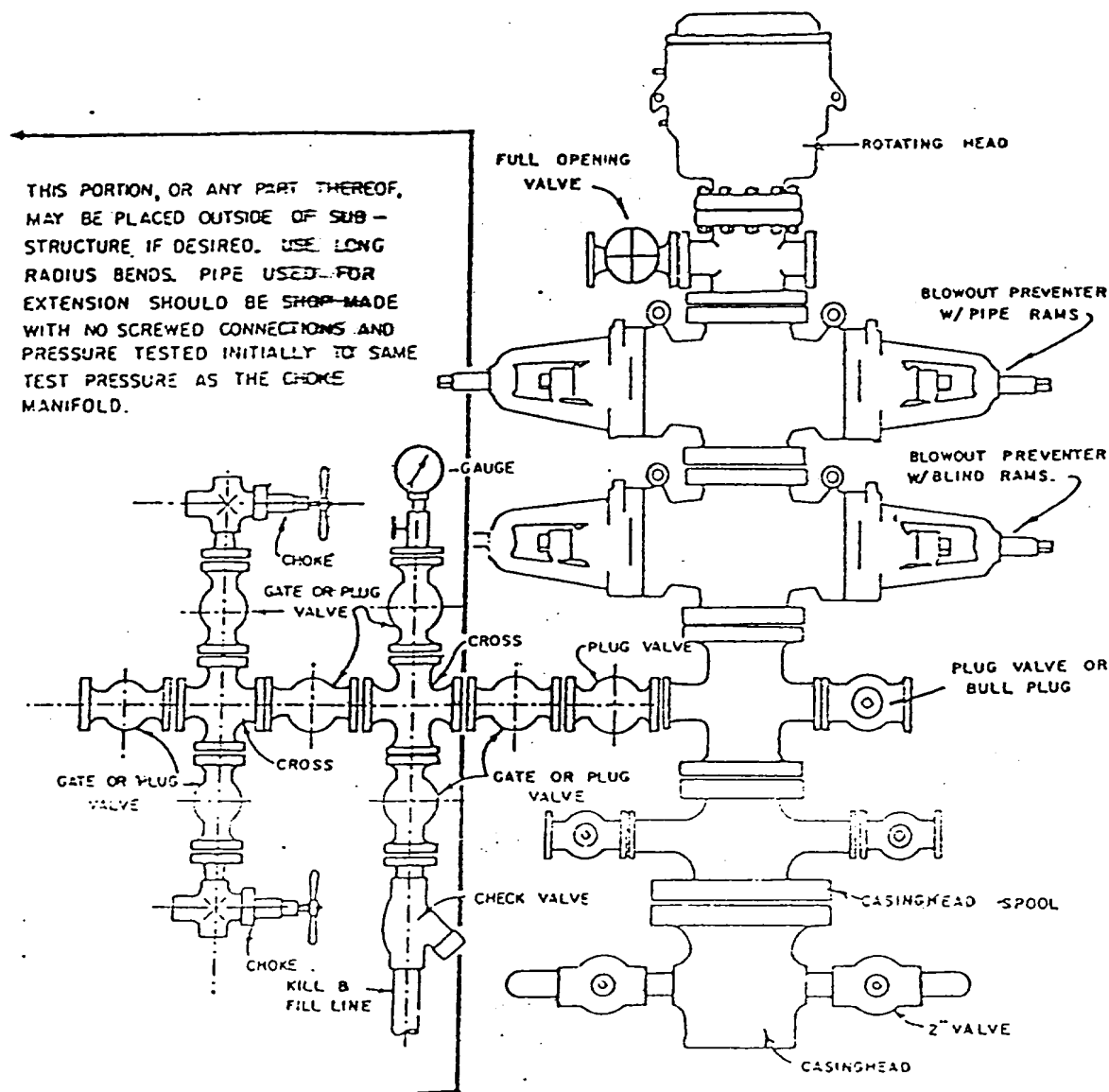
*B.D. Shaw*

Name  
**B. D. Shaw**  
Position  
**Admin. Supervisor**  
Company  
**Amoco Production Company**  
Date  
**10-9-84**

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  
**September 10, 1984**  
Registered Professional Engineer and Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**  
Certificate No. **2**

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.



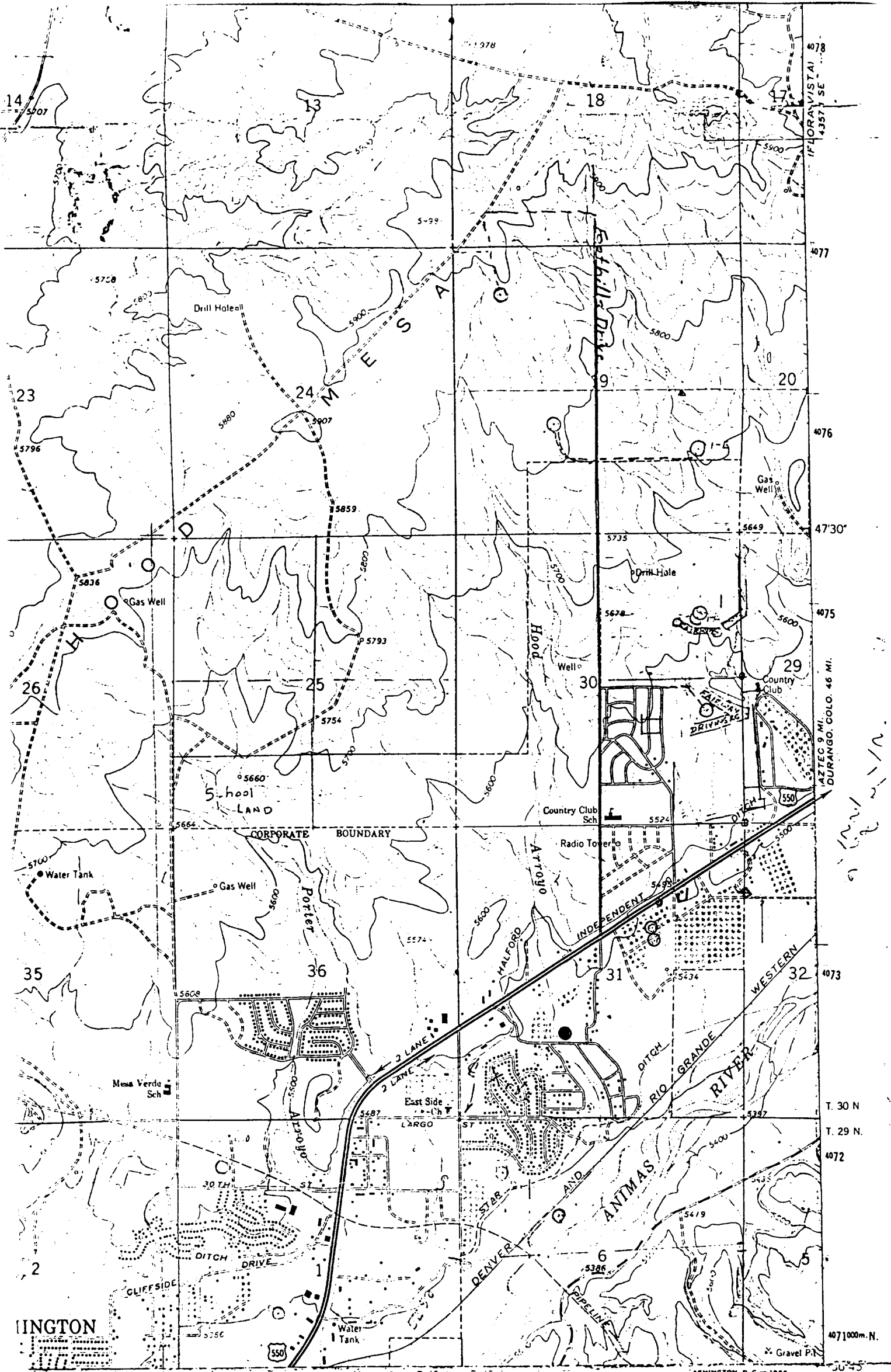
## BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4

OCTOBER 16, 1955

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  
 AMOCO PRODUCTION CO. #1E QUINES GAS COM  
 1510'FSL 1940'FWL Sec. 31-T30N-R12W  
 SAN JUAN COUNTY, NEW MEXICO

1 MILE  
 7000 FEET  
 KILOMETER

Medium-duty Unimproved dirt  
 State Road

ATION

nt-duty

Unimproved dirt

State Road