

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-70

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. Enter Oil & Gas Lease No.

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"/>				7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. Firm or Lessee Name State Gas Com "BQ"	
2. Name of Operator Amoco Production Co.				9. Well No. 1E	
3. Address of Operator 501 Airport Drive, Farmington, N M 87401				10. Field and Pool, or Wildcat Basin DK/Totah GLP ext.	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>810</u> FEET FROM THE <u>north</u> LINE AND <u>810</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>32</u> TWP. <u>29N</u> RGT. <u>13W</u> NMPM				12. County San Juan	
15. Proposed Depth 6416'		19A. Formation Dakota		20. Rotary or C.T. Rotary	
21. Elevations (Show whether D.F., K.T., etc.) 5833' GR		21A. Kind & Status Plug. Bond Statewide		22. Approx. Date Work will start as soon as permitted	
21B. Drilling Contractor unknown					

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9-5/8"	36#, K-55	300'	360sx.	circ.
7 7/8"	5 1/2"	15.5#, K-55	6416'	1300 sx	circ.

Amoco proposes to drill the above well to further develop the Basin Dakota & the Totah GLP ext. 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 Co.

APPROVAL EXPIRES 9-20-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM 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.

Signed BD Shaw Title Adm. Supervisor Date 3/19/85

(This space for State Use)

APPROVED BY Frank J. Chang TITLE SUPERVISOR DISTRICT #3 DATE MAR 20 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
MAR 20 1985
OIL CONSERVATION DIV.
DIST. 3

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.

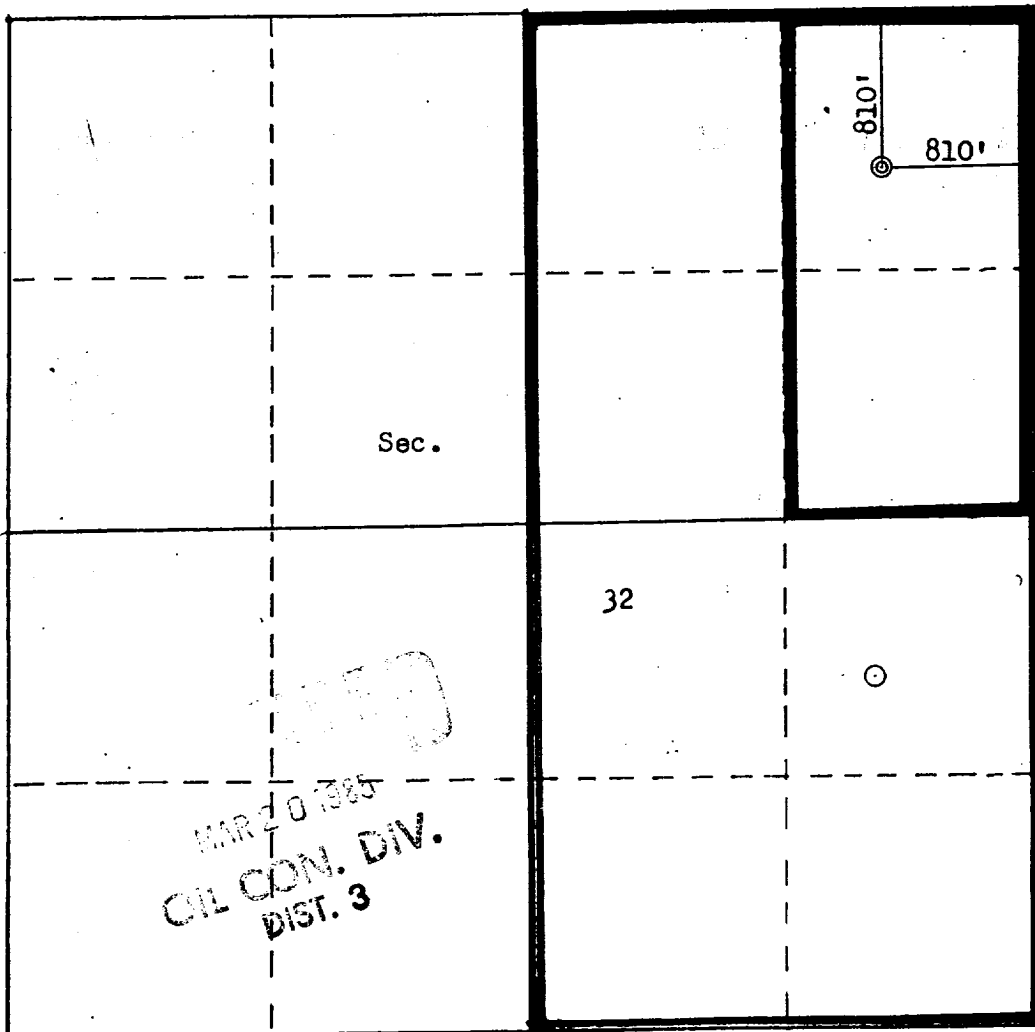
Operator AMOCO PRODUCTION COMPANY			Lease STATE "BQ"		Well No. 1E
Unit Letter A	Section 32	Township 29N	Range 13W	County San Juan	
Actual Footage Location of Well: 810 feet from the North line and 810 feet from the East line					
Ground Level Elev. 5833	Producing Formation Dakota and Gallup		Pool Basin DK/ Totah GLP Ext.		Dedicated Acreage: 320/80 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.

B. D. Shaw

Name
B. D. Shaw

Position
Adm. Supervisor

Company
Amoco Production Co.

Date
3/19/85

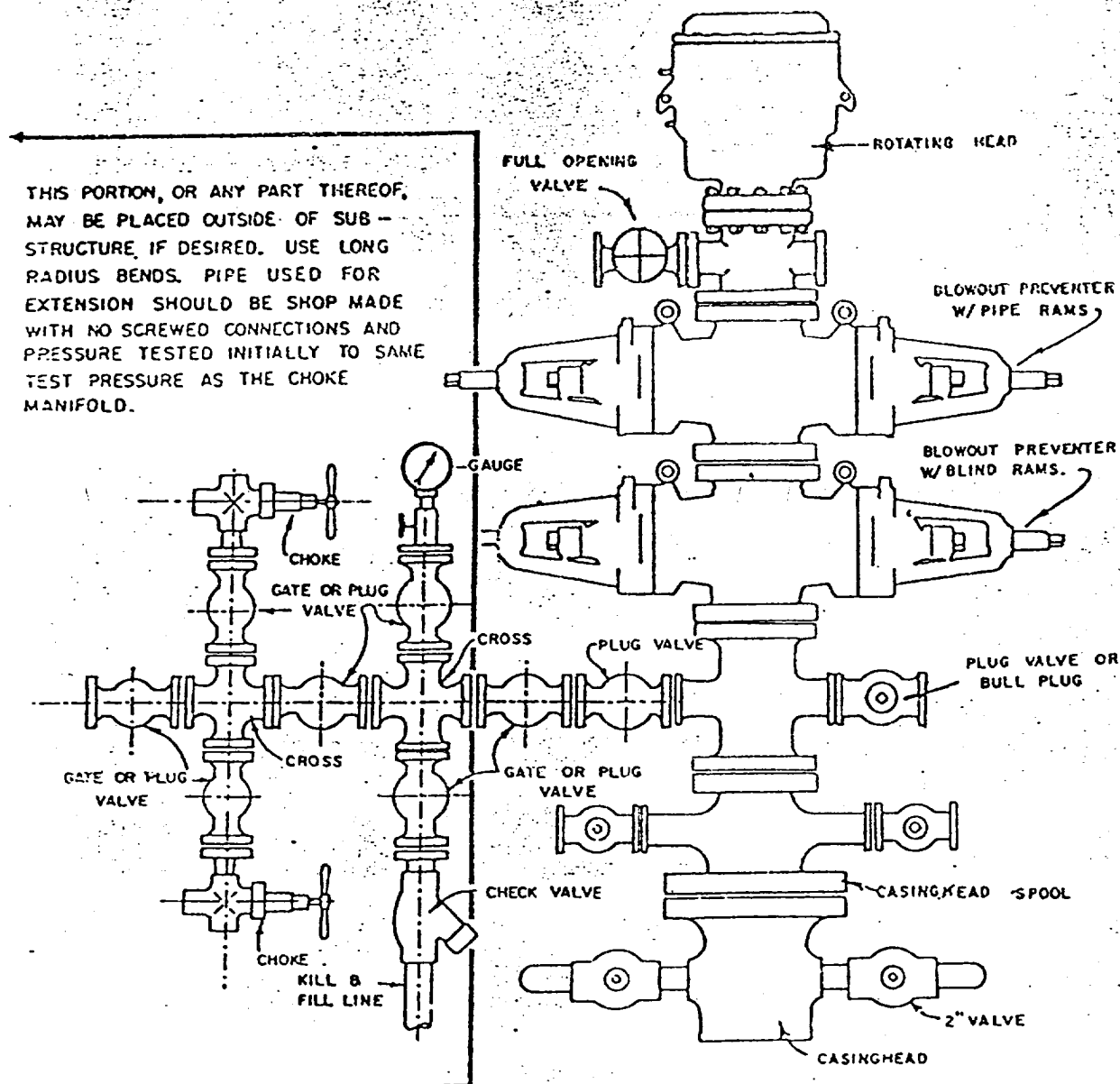
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Survey
February 18, 1985

Registered Professional Engineer
and
Land Surveyor
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

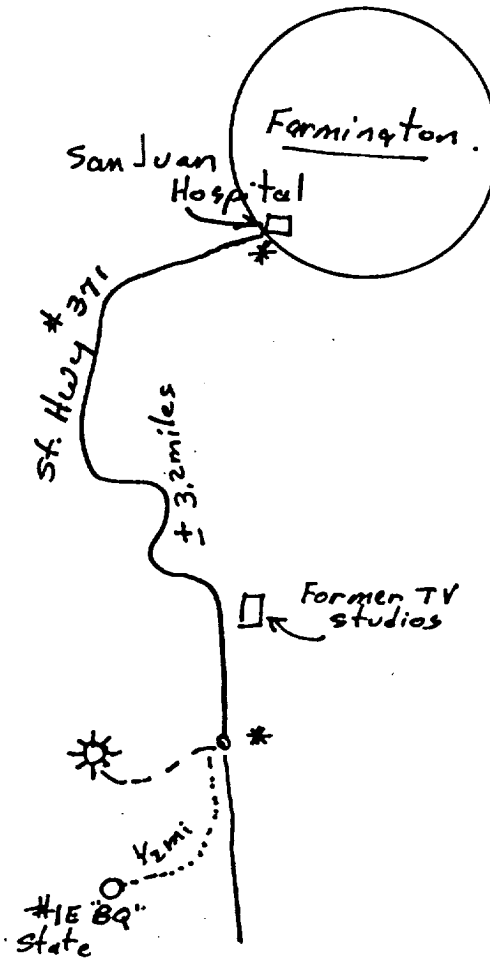
API Series # 900

EXHIBIT D-4

OCTOBER 16, 1969

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.

Transportation Map for
Amoco. Production Company #1E STATE "BQ"
810'FNL 810'FEL Sec. 32-T29N-R13W
San Juan County, New Mexico



Rail Point : 130 mi. Gallup, N.M.
Mud Point : 4 mi Farmington, N.M.
Cement Point: 4 mi Farmington, N.M.