

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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

1A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
3. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well 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"/>		2. Name of Operator Amoco Production Company		7. Unit Agreement Name Lopez Gas Com	
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		9. Well No. 1E		10. Field and Pool, or Wildcat Basin Dakota	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>1050</u> FEET FROM THE <u>North</u> LINE AND <u>1020</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>29N</u> R. <u>9W</u>		11. Proposed Depth 6930'		12. County San Juan	
13. Elevation (Show whether DT, KT, etc.) 5709' GR		14A. Kind & Status Plug. Bond Statewide		15A. Formation Dakota	
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"	9-5/8"	32.3#, H-40	300'	354 cu. ft.	Class B
8-3/4"	7"	20#, K-55	2575'	450 cu. ft.	Class B
6-1/4"	4-1/2"	10.5#, K-55	6930'	1070 cu. ft.	Class B

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 undedicated at this time.

APPROVAL EXPIRES 7-18-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
JAN 18 1985
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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 Original Signed By D.D. Lawson Title Dist. Adm. Supervisor Date 1-15-85
(This space for State Use)

APPROVED BY Frank D. Clay TITLE SUPERVISOR DISTRICT # 3 DATE JAN 18 1985
CONDITIONS OF APPROVAL, IF ANY:

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

Operator AMOCO PRODUCTION COMPANY			Lease LOPEZ GAS COM			Well No. 1E
Unit Letter A	Section 2	Township 29 N	Range 9 W	County San Juan		
Actual Footage Location of Well: 1050 feet from the NORTH line and 1020 feet from the EAST line						
Ground Level Elev. 5709	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage 320.324 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 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 Division.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signed By

Name D.D. Lawson
D.D. Lawson

Position
Dist. Adm. Supervisor

Company
Amoco Production Company

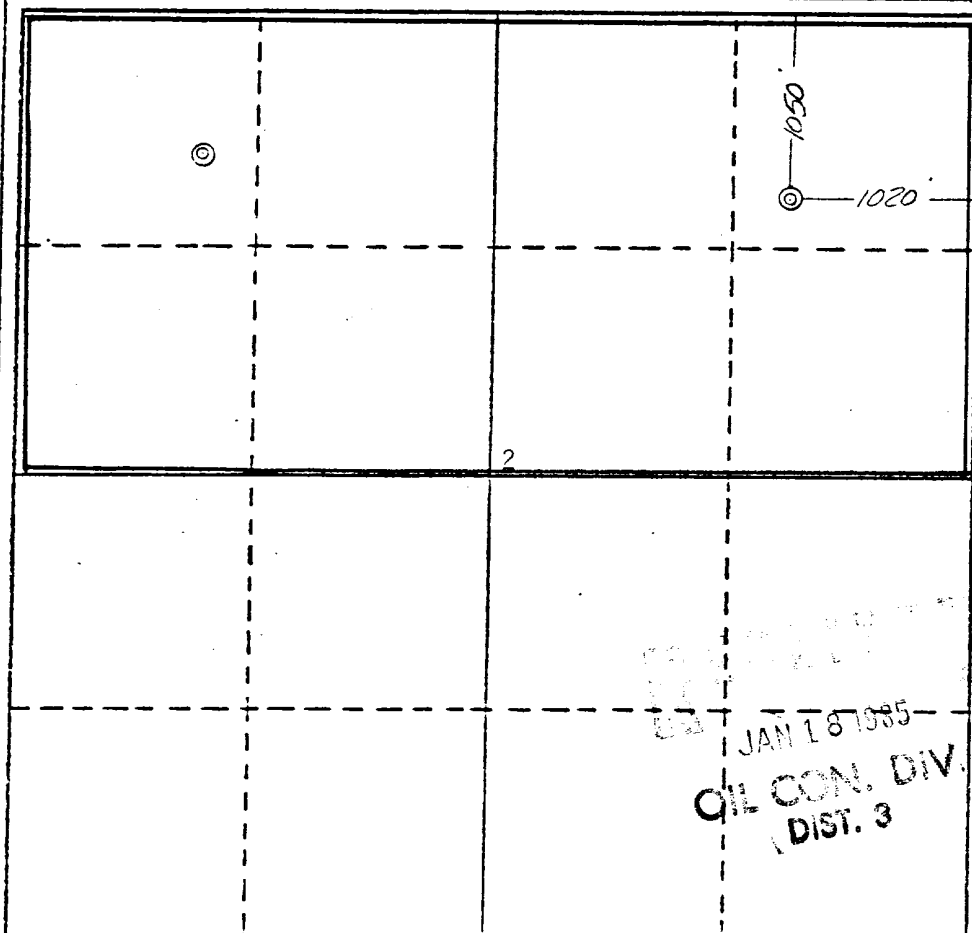
Date
1-15-85

I hereby certify that the well location shown on this plat was plotted in the field notes of actual 70-16 made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

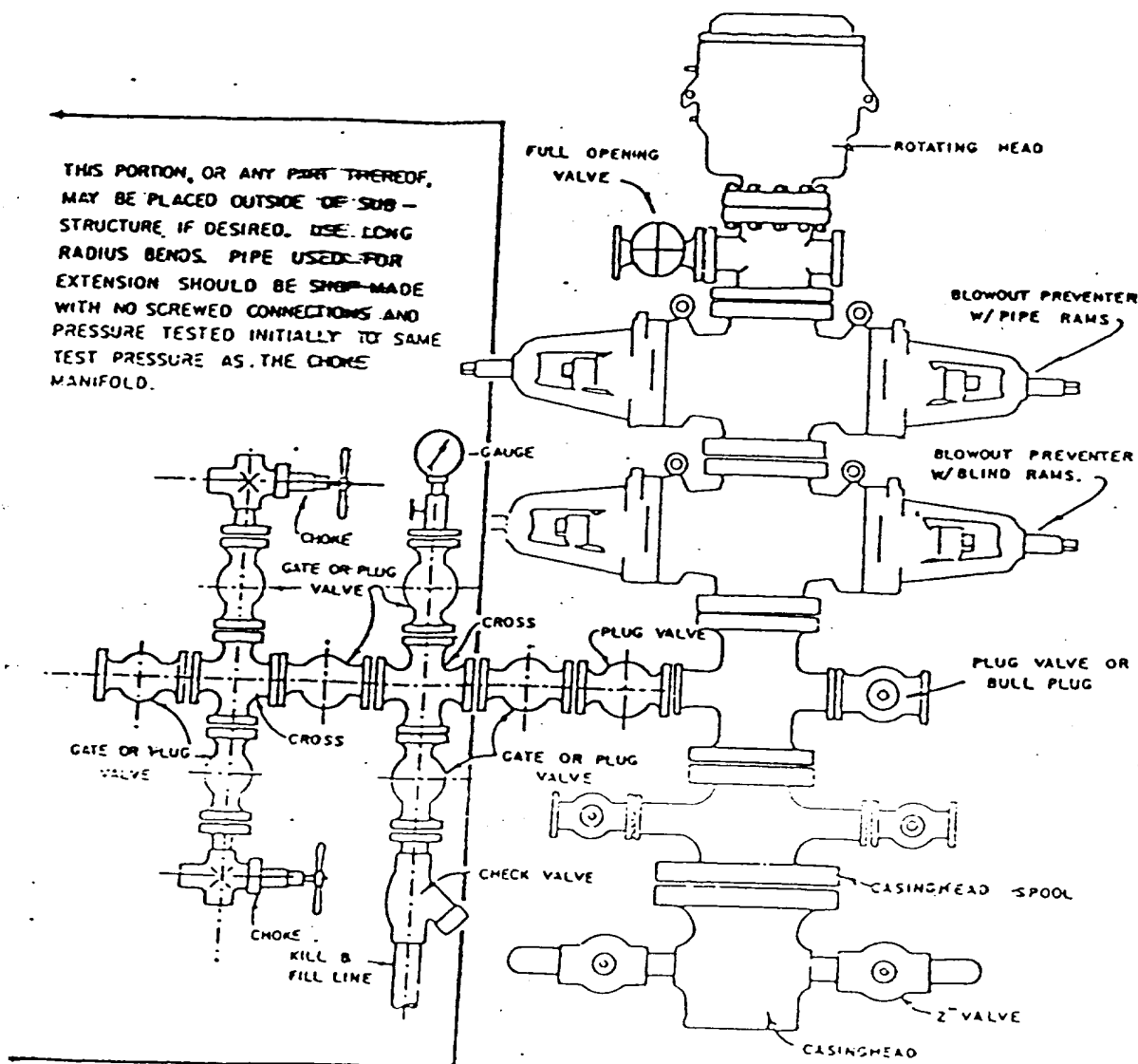
Date Surveyed
December 28, 1984
Registered Professional Engineer
and/or Land Surveyor

Gary D. Vann

Certificate No.
7016



2. 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 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.



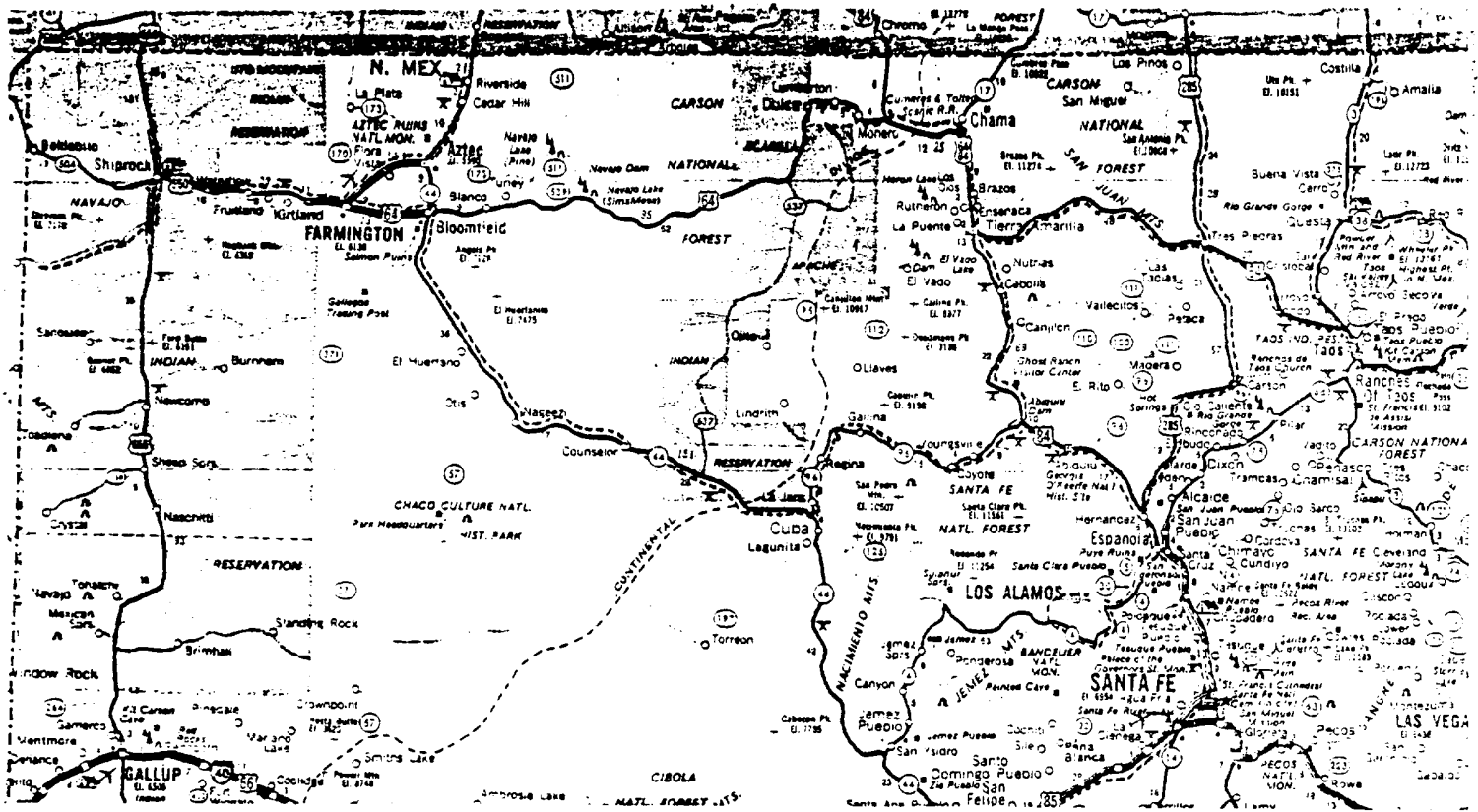
BLOWOUT PREVENTER HOOKUP

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.



LOPEZ GAS COM No. 1E
 1050' F/WL 1020' F/EL
 SEC. 2, T29N, R9W, N14PM
 RAIL POINT: 166 mi. Montrose, CO
 MUD POINT: 24 mi. Aztec, NM
 CEMENT POINT: 28 mi. Farmington, NM

