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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-25617

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Amoco Production Company		8. Farm or Lease Name Candelaria "A"	
3. Address of Operator 501 Airport Drive, Farmington, NM 87401		9. Well No. 1	
4. Location of Well UNIT LETTER <u>C</u> LOCATED <u>575</u> FEET FROM THE <u>North</u> LINE AND <u>1660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>29N</u> RGE. <u>10W</u> NMPM		10. Field and Pool, or Wildcat Armenta Gallup	
		12. County San Juan	
		19. Proposed Depth 5800'	
		19A. Formation Gallup	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DT, RT, etc.) 5505' GL		21A. Kind & Status Plug. Bond Statewide	
		21B. Drilling Contractor Unknown	
		22. Approx. Date Work will start As soon as permitted	

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"	11-3/4"	42#	300'	515 sx	Surface
9-7/8"	8-5/8"	28#	3330'	347 sx	Surface
6-3/4"	5-1/2"	15.5#	5800'	334 sx	2000'

Amoco proposes to drill the above well to further develop the Armenta Gallup 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. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

The gas produced from this well has not been dedicated.

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Sept 16/1983

ST. J. V. W. H. L. S.

ON. DIV.

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.

Signed Original Signed By D. H. SHOEMAKER Title District Engineer Date 3-14-83

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE MAR 16 1983

CONDITIONS OF APPROVAL, IF ANY:

Р. О. ЦОХ 2088

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

SANTA FE, NEW MEXICO 87501

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

Operator AMOCO PRODUCTION COMPANY		Lease CANDELARIA "A"		Well No. 1
Unit Letter C	Section 27	Township 29N	Range 10W	County San Juan
Actual Footage Location of Well: 575 feet from the North line and 1660 feet from the West line				
Ground Level Elev. 5505	Producing Formation GALLUP	Pool ARMENTA GALLUP	Dedicated Acreage: 40 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 _____

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.

1660'	575'	
	Sec.	
		27
		RECEIVED
		MAR 16 1983
		CON. DIV. I
		CT. 3

Scale: 1"=1000'

CERTIFICATION

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

Dale H. Schoenker

Name
DALE H. SHOEMAKER

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
MARCH 15, 1983

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.

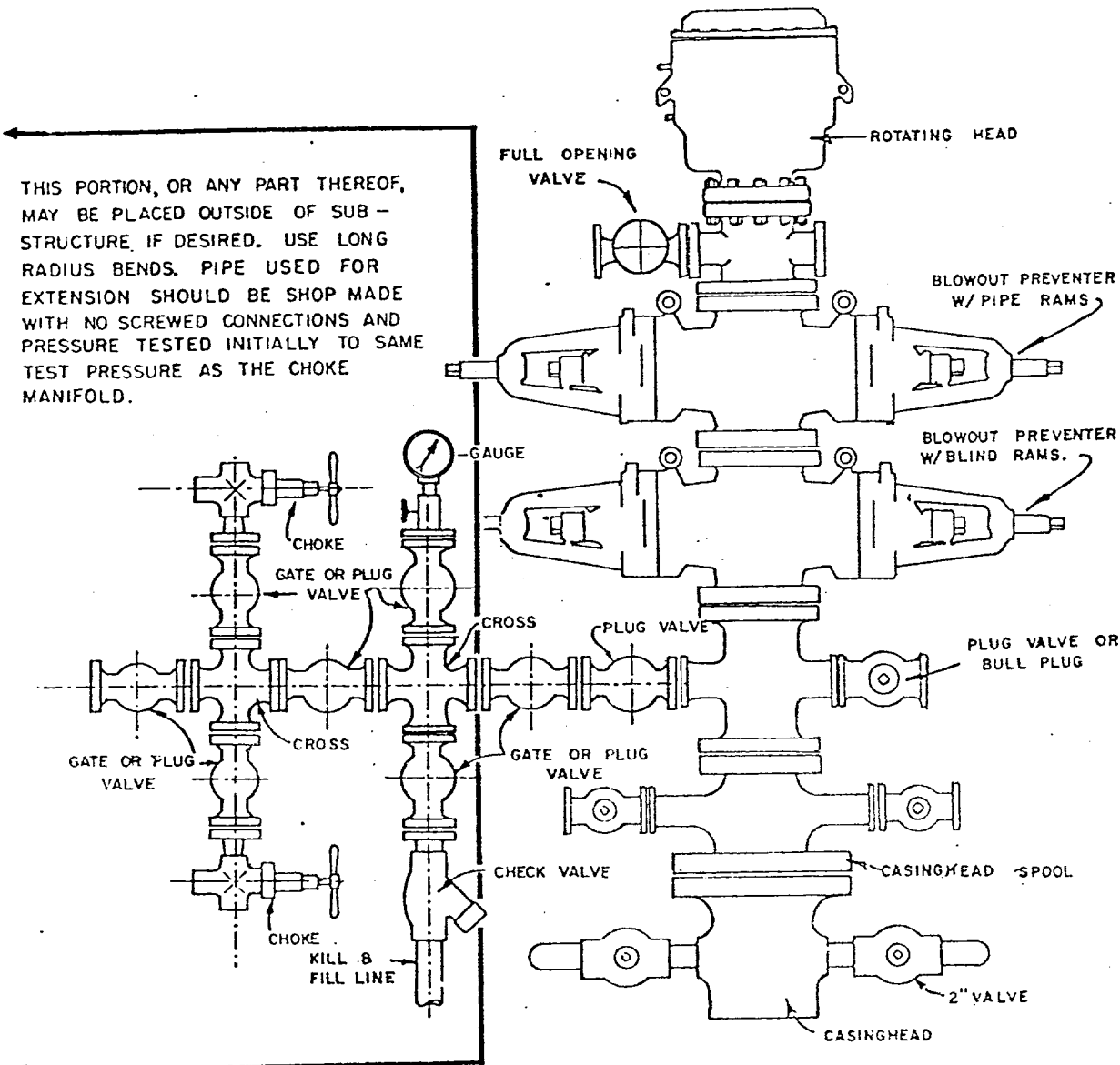
Date Surveyed February 14, 1983

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.