

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 208
SANTA FE, NEW MEXICO 87501

RECEIVED

JUN 9 1983

OIL CON. DIV.

DIST 3

30-045-25745

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

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"/>		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>
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"/>		5. State Oil & Gas Lease No.
2. Name of Operator Amoco Production Co.		7. Unit Agreement Name
3. Address of Operator 501 Airport Drive Farmington, NM		8. From or Lease Name Austin A. Davis
4. Location of Well UNIT LETTER E LOCATED 2050 FEET FROM THE north LINE AND 590 FEET FROM THE west LINE OF SEC. 26 TWP. 29N RGE. 11W NMPM		9. Well No. 1
		10. Field and Pool, or Wildcat Undesignated Gallup
		12. County San Juan
15. Proposed Depth 5900'		19A. Formation Gallup
21A. Kind & Status Plug. Bond Statewide		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5506' GL		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
14 3/4"	11 3/4"	H-40 42#	300'	51 sacks	surface
*10 5/8"	8 5/8"	H-40 24#	3450'	410 sacks	surface
7 7/8"	5 1/2"	K-55 15.5#	5900'	390 sacks	2000'

Amoco proposes to drill the above well to develop the Undesignated Gallup 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 non-dispersed 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 is dedicated to El Paso Natural Gas Company.

*Intermediate casing is contingent upon whether high water flow is encountered.

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 D.D. Lawson Title District Engineer Date 6-7-83

(This space for State Use)

APPROVED BY Frank Chang
CONDITIONS OF APPROVAL, IF ANY:

SUPERVISOR DISTRICT #3

APPROVAL EXPIRES December 9, 1983
UNLESS DRILLING IS COMMENCED
SPUD NOTICE MUST BE SUBMITTED

JUN 9 1983

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

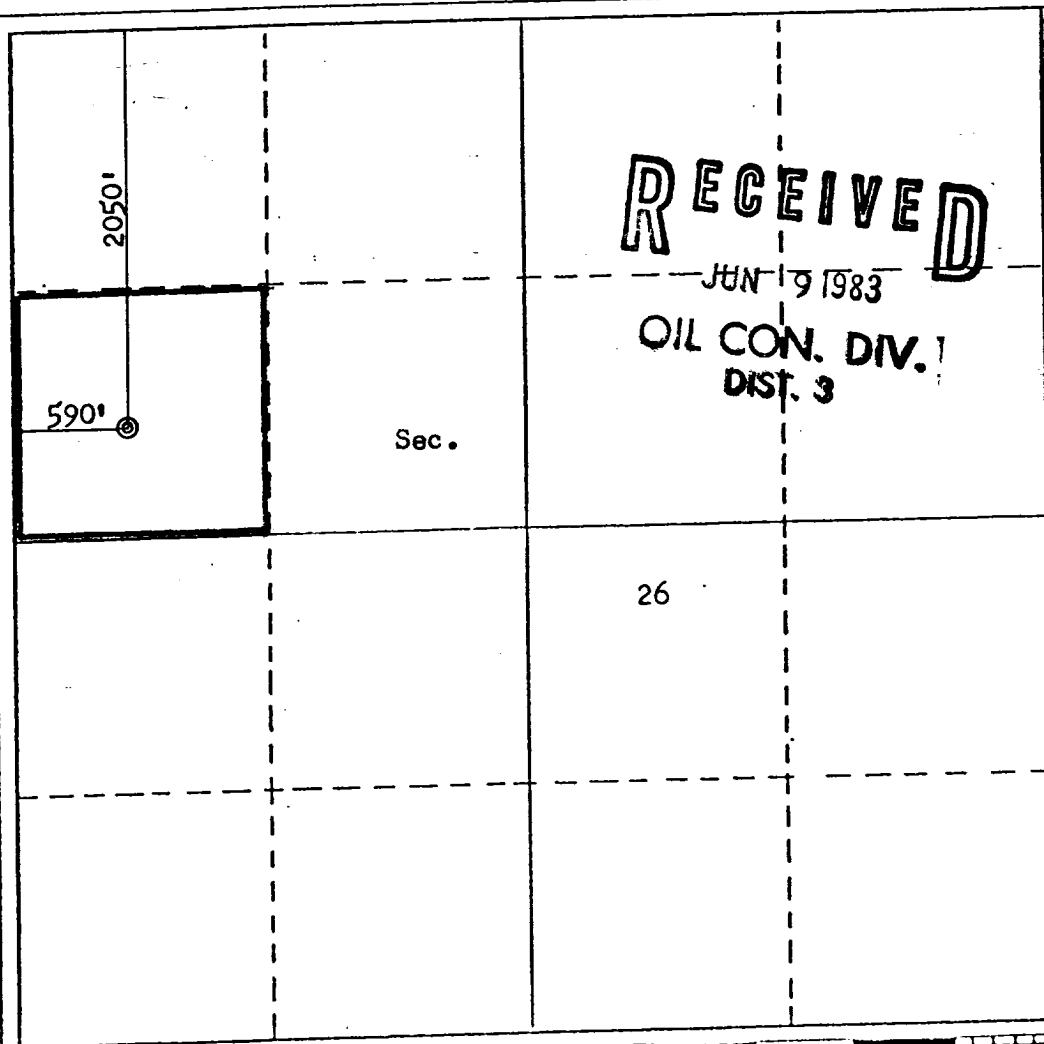
Operator AMOCO PRODUCTION COMPANY		Lease AUSTIN A. DAVIS		Well No. 1	
Unit Letter E	Section 26	Township 29N	Range 11W	County San Juan	
Actual Footage Location of Well: 2050 feet from the North line and 590 feet from the West line					
Ground Level Elev. 5506	Producing Formation ARMENTA GALLUP		Pool Undesignated Gallup		Dedicated Acreage: 40 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 _____

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.

Dale H. Shoemaker

Name
Dale H. Shoemaker
Position
District Engineer
Company
Amoco Production Company

Date
June 8, 1983

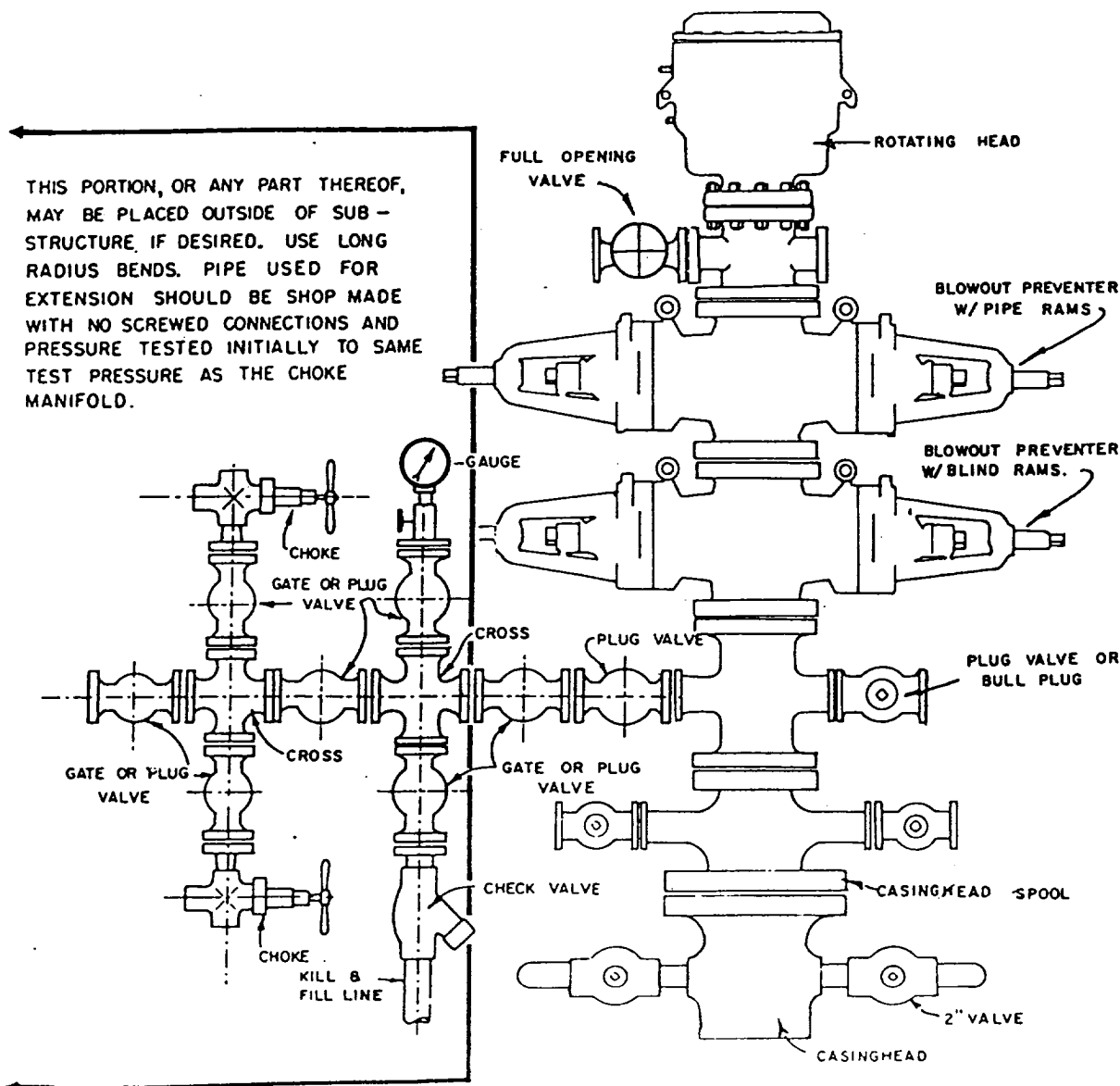
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 8, 1983
Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr Jr.
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.