

30-025-29267

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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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1732
7. Unit Agreement Name
8. Form or Lease Name State "CA"
9. Well No. 1
10. Field and Pop. of Wildcat Wds. Ellenburger
12. County Lea
19. Proposed Depth 12,100
19A. Formation Ellenburger
20. Rotary or C.T. Rotary
22. Approx. Date Work will start ASAP

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

c. Name of Operator
AMOCO PRODUCTION COMPANY

d. Address of Operator
P.O. BOX 68 HOBBS, NEW MEXICO 88240

e. Location of Well
UNIT LETTER P LOCATED 660 FEET FROM THE South LINE
660 FEET FROM THE East LINE OF SEC. 7 TWP. 24-S RGE. 38-E NMPW

f. Elevations (show whether DT, H.L., etc.)
3204.0' GR

21A. Kind & Status Plug. Bond
Blanket on File

21B. Drilling Contractor
Undetermined

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-7/8"	54.5# K-55	400'	Circ	Surface
12 1/4"	8-5/8"	32# K-55	4200'	Tie back to 13 5/8"	400'
7-7/8"	5-1/2"	15.5# K-55, 17# K-55, 17# N-80	11,900'	Tie back to 500' above Devonian	8400'

Propose to drill and equip well in the Ellenburger formation. After reaching TD logs will be run and evaluated. (2 DST's may be run during drilling operations.) Perforate and/or stimulate as necessary in attempting commercial production.

BOP Diagram Attached

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

MWD PROGRAM: 0-400' Spud Mud
400'-4200' Brine
4200'-7800' Fresh H₂O
7800'-TD LSND

ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK. GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. 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 Administrative Analyst Title Administrative Analyst Date 13 MAY 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE 11 1985

CONDITIONS OF APPROVAL, IF ANY:

045 NMOCJ, 1-JRB, 1-FJN, 1-NLG

1. BOP's to be fluid operated. BOP's and all fittings must be in good condition and rated at 3000 psi w.p. minimum.
2. Equipment through which bit must pass shall be at least as large as casing size being drilled through.
3. Upper kelly cock is required and shall be 3000 psi w.p. minimum. Lower kelly cock is (required)(not required).
4. Hydril or comparable safety valve shall be available on rig floor with connection or subs to fit any tool joint in the string. Valve to be full bore 5000 psi w.p. minimum.
5. Hydril or equivalent drill pipe back pressure valve is (required)(not required).
6. All equipment upstream of chokes, including kill line equipment shall be flanged or clamped and of a test pressure no less than that of the blowout preventer. All valves upstream of choke shall be (3") (4") gate valves Cameron Type "F" or equivalent. All equipment downstream of chokes may be flanged or screw end gate or plug. Line from spool to manifold cross to be a minimum of 3", straight and short as possible with minimum bends. Other lines may be 2", 3" or 4". Choke manifold, beyond second valve from cross, must be positioned outside of substructure. Manifold, header and all lines must be adequately supported and properly anchored. Two inch (2") lines and valves are permitted on the kill line. All valves designated for H₂S service are (required) (not required).
7. Blowout preventer closing unit equipment to include accumulator capable of closing, opening and closing the bag and pipe rams with a minimum remaining pressure of 1200 psi. After closure, the remaining fluid volume will be at least 50 percent of original volume. Two independent sources of pump power are required on each closing unit installation and shall meet all IADC specifications. Operating time for closing unit shall not be greater than one minute with charging pump shut down. Time test must be witnessed by Amoco representative while nipping up and test results reported on IADC report. Failure to meet these conditions will necessitate corrective action by contractor and retesting all at contractor's expense.
8. The accumulator must be located at least 50 feet from the well. Blowout preventer controls must be properly labeled and located as close to drillers position as feasible. Floor control valves are (required)(not required).
9. Fluid lines from accumulator to BOP's and all remote control fluid lines shall be steel, and rated at or above maximum accumulator pressure. Lines shall be routed in bundles and adequately protected from damage.
10. Use rams in following positions:

Upper ram	Drilling	Running Casing
Lower Ram	Drill pipe	Casing
	Blind	Blind

*Amoco District Superintendent may reverse location of rams.
11. Extensions and hand wheels to be installed and braced at all times.

