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NEW MEXICO OIL CONSERVATION COMMISSION
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JUL 14 1983

O. C. D.

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-949	
7. Unit Agreement Name	
8. Farm or Lease Name	
State ET Gas Com	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Buffalo Valley Penn Gas	
12. County	
Chavez	
19. Proposed Depth	19A. Formation
9200'	Morrow
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether Oil, RT, etc.)	21A. Kind & Status Plug. Bond
3658.3' GL	Blanket on file
21B. Drilling Contractor	22. Approx. Date Work will start
N/A	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
Amoco Production Company ✓

3. Address of Operator
P. O. Box 68, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER J LOCATED 1650 FEET FROM THE South LINE
AND 1650 FEET FROM THE East LINE OF SEC. 36 TWP. 15-S RGE. 27-E NMPM

19. Proposed Depth
9200'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether Oil, RT, etc.)
3658.3' GL

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

21B. Drilling Contractor
N/A

22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	350'	Circulate	Surface
12-1/4"	8-5/8"	24#	1800' circ.	Tie back to 13-3/8"	550' SUR.
7-7/8"	5-1/2"	17,15.5,17#	9200'	Tie back 500' above	8170' Atoka

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

BOP Diagram Attached.

Mud Program: 0- 350' Native mud & fresh water.
350'-1800' Native mud & ^{fresh} brine water.
1800'-5000' Cut brine.
5000'-8500' Cut brine with minimum properties to control Abo Shales.
8500'-TD KLA-Free. Add kcl thru Atoka-Morrow.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-19-84
UNLESS DRILLING UNDERWAY

0+5-NMOCDA 1-HOU, R.E.Ogden, Rm 21.150 1-F.J.Nash, HOU, Rm. 4.206 1-CMH 1-Gorham

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

signed Charles M. Nessing Title Administrative Analyst Date 7-11-83

(This space for State Use)

APPROVED BY Mr. M. Walker TITLE OIL AND GAS INSPECTOR DATE JUL 19 1983

CONDITIONS OF APPROVAL, IF ANY:

Notify NMOCC in sufficient time to allow casing the 8 5/8" casing

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Amoco Production Company		Lease State ET Gas Com.		Well No. 1
Tract Letter J	Section 36	Township 15 South	Range 27 East	County Chaves
Actual Footage Location of Well: 1650 feet from the south line and 1650 feet from the east line				
Ground Level Elev. 3658.3'	Producing Formation Morrow	Pool Buffalo Valley-Penn-Gas	Dedicated Acreage 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

<p>NOTE: A 600' x 800' area around location was M-Scoped. No pipelines were found.</p>	<p>WORKING INTEREST:</p> <table> <tr> <td>Amoco</td> <td>87.5%</td> </tr> <tr> <td>Cinco, Ltd.</td> <td>12.5%</td> </tr> <tr> <td></td> <td>100.0%</td> </tr> </table>	Amoco	87.5%	Cinco, Ltd.	12.5%		100.0%
	Amoco	87.5%					
Cinco, Ltd.	12.5%						
	100.0%						

CERTIFICATION

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

Charles M. Herring
Name
Position
Administrative Analyst

Company
Amoco Production Company

Date
July 11, 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
July 6, 1983

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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:

	<u>Drilling</u>	<u>Running Casing</u>
Upper ram	Drill pipe	Casing
Lower Ram	Blind	Blind

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

