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NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 24 1979

O. C. C.

30-015-22925

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E 6016
7. Unit Agreement Name
8. Farm or Lease Name State HJ Com
9. Well No. 1
10. Field and Pool, or Willnot Und. Morrow
11. County Eddy

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"/>			
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 ✓			
3. Address of Operator P. O. Box 68, Hobbs, NM 88240			
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 2 TWP. 19-S RGE. 31-E NMPM			
18. Proposed Depth 12,000		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 3521.3 GR	
21A. Kind & Status Plug. Bond Blanket-on-File		21B. Drilling Contractor N/A	
22. Approx. Date Work will start 9-1-79			

23.

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#	800'	Circ to Surf	Surf
12-1/4"	9-5/8"	36#	4800'	Tie back to 13-3/8"	Btm 13-3/8"
8-3/4"	5-1/2"	15.5-17#	12000'	Tie back to 9-5/8"	Btm 9-5/8"

~~Location Change~~ *lease name*

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

Mud program; 0-800'
800'-4800'
4800'-TD

Native mud and fresh water
Native mud and brine
Brine water and commercial properties to maintain good hole conditions

BOP Program attached
Gas is not dedicated

APPROVAL VALID
FOR 90 DAYS
DURING WHICH
DRILLING IS REQUIRED

EXPIRES 12-10-79

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 Ray Cox Title Administrative Supervisor Date 8-21-79
(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT 11 DATE SEP 7 1979

CONDITIONS OF APPROVAL, IF ANY:

0+5-NMOCD-A, 1-Hou, 1-Susp, 1-BD, 1-Conoco

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-128
Superseded C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator AMOCO PRODUCTION COMPANY		Lease STATE "HJ"		Well No. 1
Unit Letter F	Section 2	Township 19 SOUTH	Range 31 EAST	County EDDY
Actual Surface Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the NORTH line and 1980 feet from the WEST line </div>				
Ground Level Elev. 3621.3	Producing Formation Morrow	Perforations Und. Morrow	Dedicated Acreage 320 3/4 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?

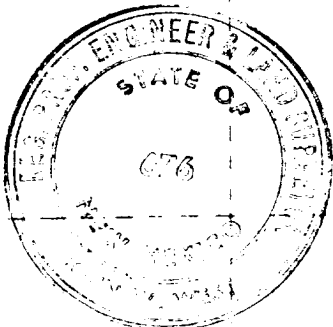
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☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

B. C. C.
ARTESIA, OFFICE

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.

39.78 acre Lot 4	Lot 3	Lot 2	Lot 1
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <p>Tract No. 2</p> <p>Tract No. 1</p> </div> </div>			
<p>Tract #1</p> <p>WI Owner-Amoco 50%</p> <p>Conoco 50%</p> <p>ORRI-B. M. Keohane 5%</p>			
<p>Tract #2</p> <p>WI Owner-Amoco 50%</p> <p>Conoco 50%</p> <p>ORRI-B. M. Keohane & Garel Westall 5%</p>			

CERTIFICATION

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

Name Ray Cox
Position Administrative Supervisor

Company Amoco Production Company

Date August 21, 1979

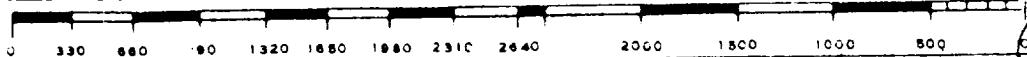
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief

Date Surveyed JULY 5TH, 1979

Registered Professional Surveyor and State License No. 676

John W. West

Certificate No. John W. West 676
Ronald J. Edson 3239



1. BOP'S TO BE FLUID OPERATED.
2. BOP'S AND ALL FITTINGS MUST BE IN GOOD CONDITION AND RATED AT 3000 PSI W.P. MINIMUM.
3. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THROUGH.
4. NIPPLE ABOVE BOP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. UPPER KELLY COCK IS REQUIRED AND SHALL BE 3000# W.P. MINIMUM.
6. T. I. W. 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# MIN.
7. VALVE NEXT TO SPOOL SHALL BE 4". OTHER EQUIPMENT MAY BE 3" OR 4". ALL CHOKE MANIFOLD EQUIPMENT SHALL BE FLANGED. FLOW LINE FROM MANIFOLD TO BE MINIMUM OF 3" AND STRAIGHT AS POSSIBLE WITH MINIMUM BENDS.
8. 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.
9. USE RAMS IN FOLLOWING POSITIONS:*

	<u>DRILLING</u>	<u>RUNNING CASING</u>
UPPER RAM	DRILL PIPE	CASING
LOWER RAM	BLIND	BLIND

*AMOCO AREA SUPT. MAY REVERSE LOCATION OF RAMS.

10. CHOKE MANIFOLD, BEYOND SECOND VALVE FROM CROSS MAY BE OPTIONALLY POSITIONED OUTSIDE OF SUBSTRUCTURE.
11. EXTENSIONS AND HAND WHEELS TO BE INSTALLED AND BRACED AT ALL TIMES.
12. TWO INCH (2") LINES AND VALVES ARE PERMITTED ON THE KILL LINE.

NOTE: ALL UNMARKED VALVES MAY BE PLUG OR GATE VALVE, METAL TO METAL SEAL.

