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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 11 1979

O. C. C.
ARTESIA, OFFICE

30-015-22925
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease.

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

E 6018

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		8. Farm or Lease Name State HJ	
2. Name of Operator Amoco Production Company ✓		9. Well No. 1	
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Willcat Shugart Perm Morrow	
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 2 TWP. 19-S RGE. 31-E NMPM		11. County Eddy	
19. Proposed Depth 12,000		19A. Formation Morrow	
21. Elevations (Show whether DT, RT, etc.) 3629.8 GR		21A. Kind & Status Plug. Bond Blanket-On File	
21B. Drilling Contractor N/A		22. Approx. Date Work will start	
23. PROPOSED CASING AND CEMENT PROGRAM		20. Rotary or C.T. Rotary	

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	Surface
12-1/4"	9-5/8"	36#	4,800'	Tie Back To 13-3/8"	Btm of 13-3/8"
8-3/4"	5-1/2"	15.5-17#	12,000'	Tie Back To 9-5/8"	Btm of 9-5/8"

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' Native mud and fresh water.

800 - 4,800' Native mud and brine.

4,800 - TD Brine water and commercail properties to maintain good hole conditions.

BOP Program attached.

Gas is not dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 8-16-79

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 Kandy Atkins Title Admin. Analyst Date May 10, 1979

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 16 1979

CONDITIONS OF APPROVAL, IF ANY:

0 + 5 - NMOCD, A
1 - RWA

1 - Houston
1 - Suspense

1 - Conoco

Cement must be circulated to
surface behind 13 3/4" casing

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

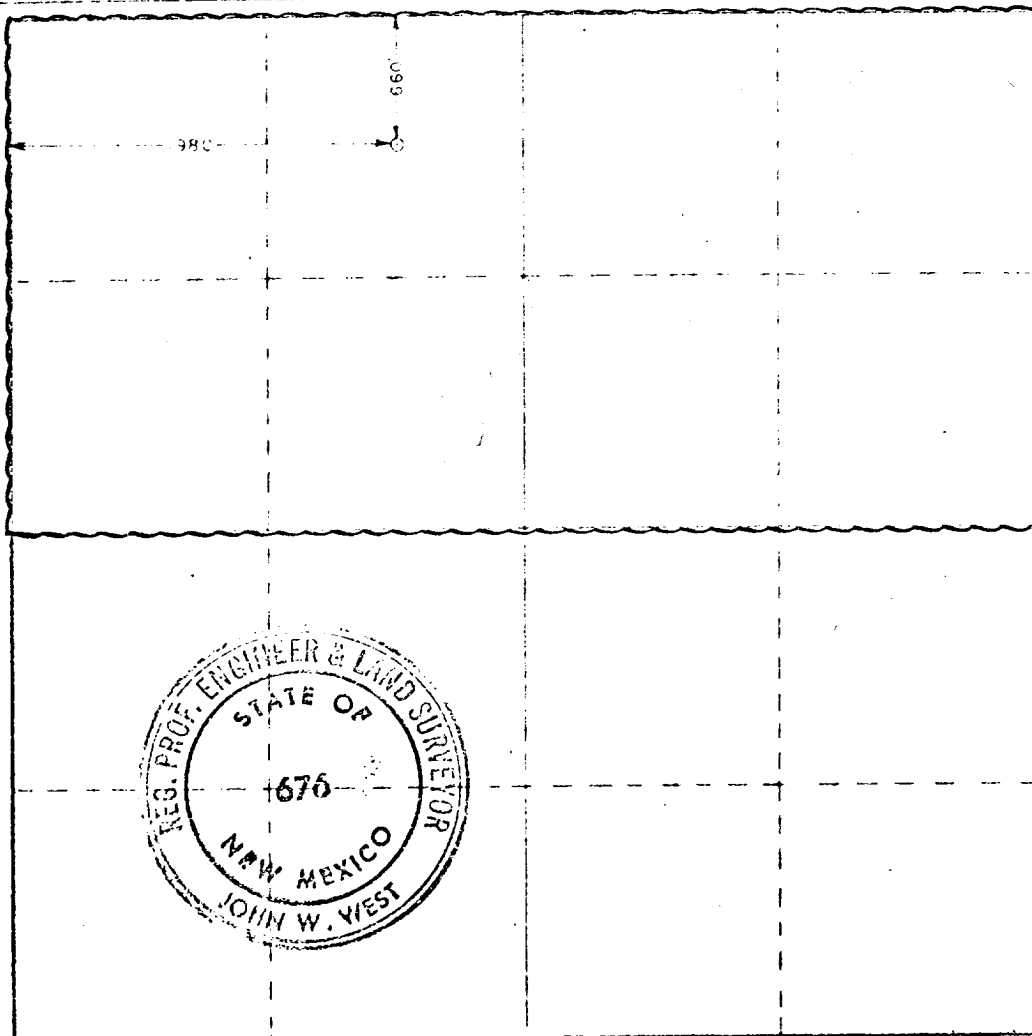
Operator Amoco Production Co.			Lease State "HJ"			Section 1		
Tract Number C	Section 2	Range 19 South	Meridian 31 East	County Eddy				
Approximate Location of Well								
660		feet from the North		line and 1980		feet from the West		
Acres of Section 3629.8		Producing Formation Morrow		Pool Ande Shugart Perm Morrow		Total Acres of Pool 320		Acres 320

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
- 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 on the 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.



CERTIFICATION

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

Randy Atkins
Administrative Analyst

Amoco Production Company

May 10, 1979

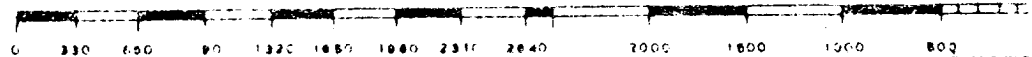
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 24, 1979

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **John W. West 676**
Ronald J. Eldson 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.

