

API # 30-021-20047

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-14-65

DISTRIBUTION		
STATE		
FIELD		
DISTRICT		
LAND OFFICE		
OPERATOR		

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Well a. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> b. Type of Well GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. Name of Lessee Heimann
2. Name of Operator Amoco Production Company			7. Well No. 5
3. Location of Well P.O. Drawer "A", Levelland, TX 79336 UNIT LETTER M LOCATED 660 FEET FROM THE South LINE 1315 FEET FROM THE West LINE OF SEC. 3 T19N R33E			8. Field and Field, or Well, No. Und. Tubb
4. County Harding			9. Rotary or C.T. Rotary
19. Proposed Depth 2645'		19A. Formation Tubb	20. Rotary or C.T. Rotary
21. Approx. Date Work will start April 20, 1979	22. Blanket-On File Blanket-On File	23. Drilling Contractor N/A	24. Well Completion 4957.7 GR

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	350'	Circ to Surf	Surface
7 7/8"	4 1/2"	9.5#	2645'	Tie back to 8 5/8"	Btm of 8 5/8"

After drilling well, logs will be run and evaluation made. Perforating and/or stimulating as necessary in attempting commercial production.

Mud Program: 0-350' Native mud and water.  
350'-2645' Commercial mud to maintain good hole conditions.

OIL CONSERVATION COMMISSION TO BE NOTIFIED WITHIN 24 HOURS OF BEGINNING OPERATION

BOP program is attached.  
Gas is not dedicated.

APPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 7/30/79  
UNLESS DRILLING IS OVERWHELMING

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 Randy Atkins Title Administrative Analyst Date April 6, 1979

APPROVED BY Carl Wiley TITLE ... DATE 5/1/79

CONDITIONS OF APPROVAL, IF ANY:

- 0+5-NMOCDSF
- 1-Houston
- 1-Susp
- 1-RWA
- 1-JA

COLLECT AND SACK SAMPLES FOR NEW MEXICO BUREAU OF MINES, SOULDER AT AT LEAST TEN FOOT INTERVALS

WELL LOCATION AND ACREAGE DELINEATION PLAT

Amoco Production Co.

Heinemann

111 1/2 30 1/2 111 1/2 30 1/2

676

TUBS

UND. HARDING TUBS

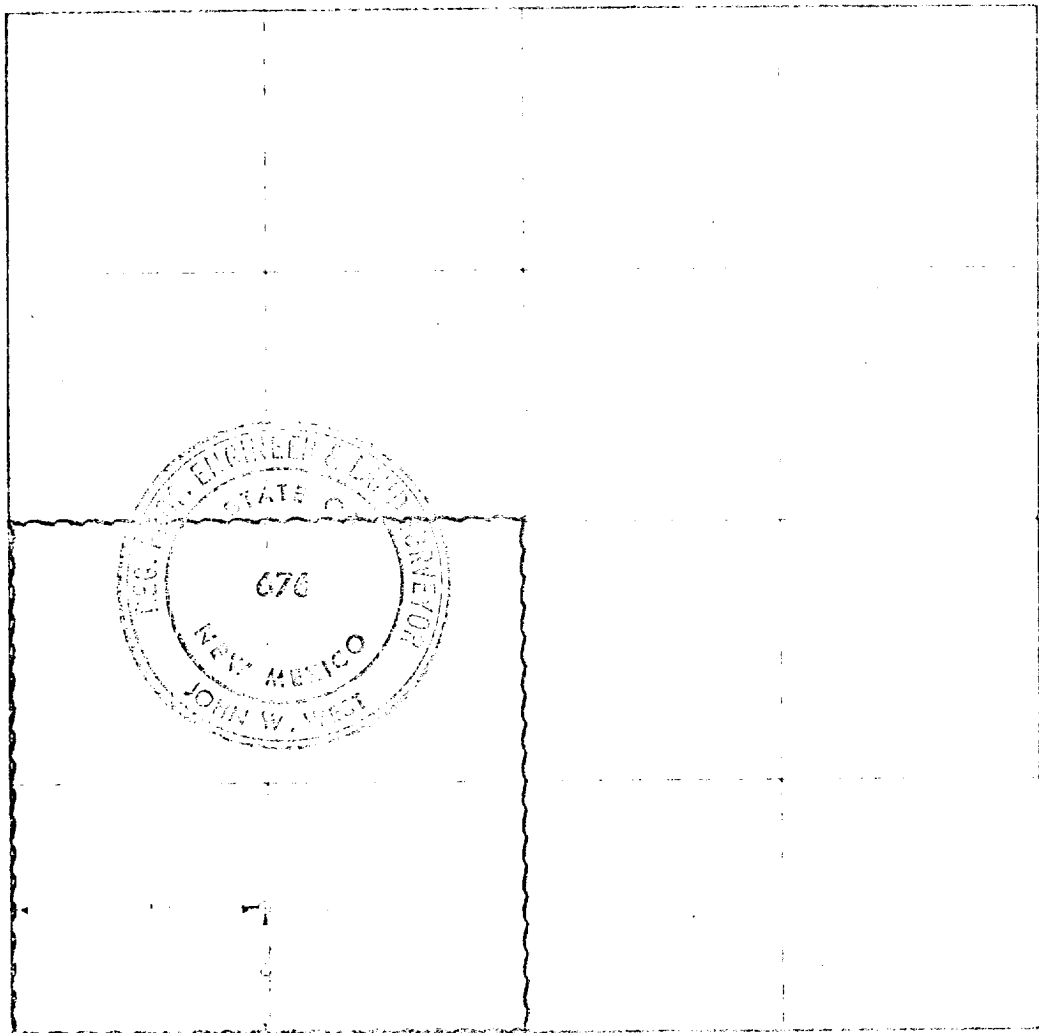
160

- 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (that is, 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 agreement of all owners in writing?

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 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 nonstandard mineral uniting some 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*

ADMIN. ANALYST

Amoco Production Co.

3-28-79

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.

March 25, 1979

\_\_\_\_\_  
John W. West

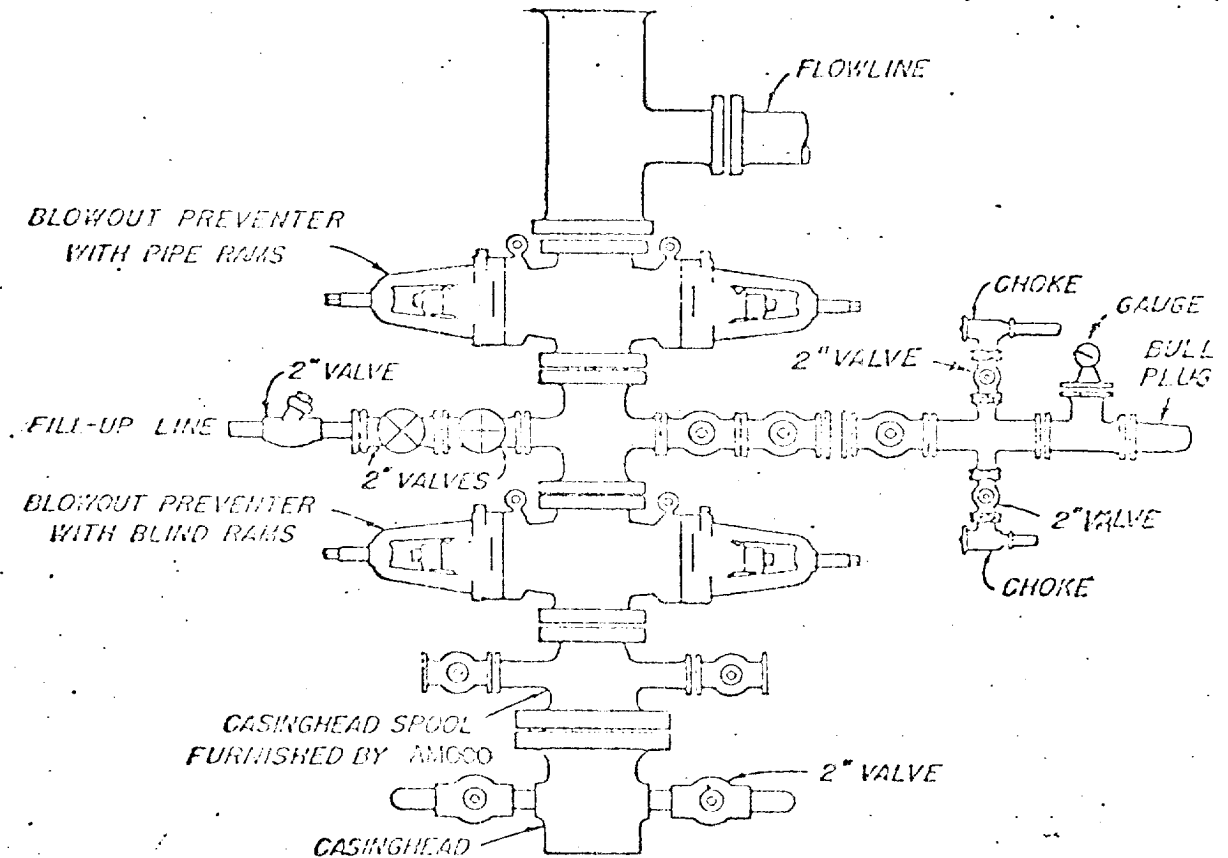
*Ronald J. Edson*

John W. West 676  
Ronald J. Edson 3239

ATTACHMENT "B"  
NOTES

1. Blow-out preventers and master valve to be fluid operated and oil fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
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 blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test) minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Amoco.
11. Rams in preventers will be installed as follows:
 

When drilling, use:	Top Preventer - Drill pipe rams	When running casing, use:	Top Preventer - Casing rams
	Bottom Preventer - Blind rams or master valve		Bottom Preventer - Blind rams or master valve



**BLOWOUT PREVENTER HOOK-UP**

AMOCO PRODUCTION COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962