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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-22405
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Lease

8. Farm or Lease Name
Johnson

9. Well No.
1

10. Field and Pool, or Willam
Und. Atoka & Morrow

12. County
Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. Name of Operator

Amoco Production Company

3. Address of Operator

P. O. Drawer A, Levelland, Texas 79336

4. Location of Well

UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE

AND 660 FEET FROM THE East LINE OF SEC. 10 TWP. 18-S RGE. 25-E NMPN

21. Elevations (Show whether DF, RI, etc.)

3494.2 GR

21A. Kind & Status Plug. Bond

Blanket on File

19. Proposed Depth

8700'

19A. Formation

Morrow

20. History of C.R.

Rotary

22. Approx. Date Work will start

February 3, 1978

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#	400'	Circ.	
12-1/4"	8-5/8"	36#	1500'	Circ.	
7-7/8"	5-1/2"	17-23#	8700'	Tie Back to 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' - 400' - Native mud x fresh water
400' - 1500' - Native mud x ~~brine water~~ *fresh water **
1500' - 8700' - Cut-brine x commercial mud to maintain good hole conditions.

BOP Program Attached

Gas is not committed.

APPROVAL VALID
FOR 90 DAYS AFTER
DRILLING COMMENCED,

EXPIRES 4-24-78

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 Assistant Admin. Analyst Date 1-18-78

(This Space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JAN 24 1978

CONDITIONS OF APPROVAL, IF ANY:

Q & 4 - NMOCG, A. 1-Div. 1-Sup. 1-RC Cement must be circulated to time to which casing 13 7/8" 8 5/8" 8 7/8"

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-1-77
Supersedes 6-1-76
File five 1065

All distances must be from the outer boundaries of the Section

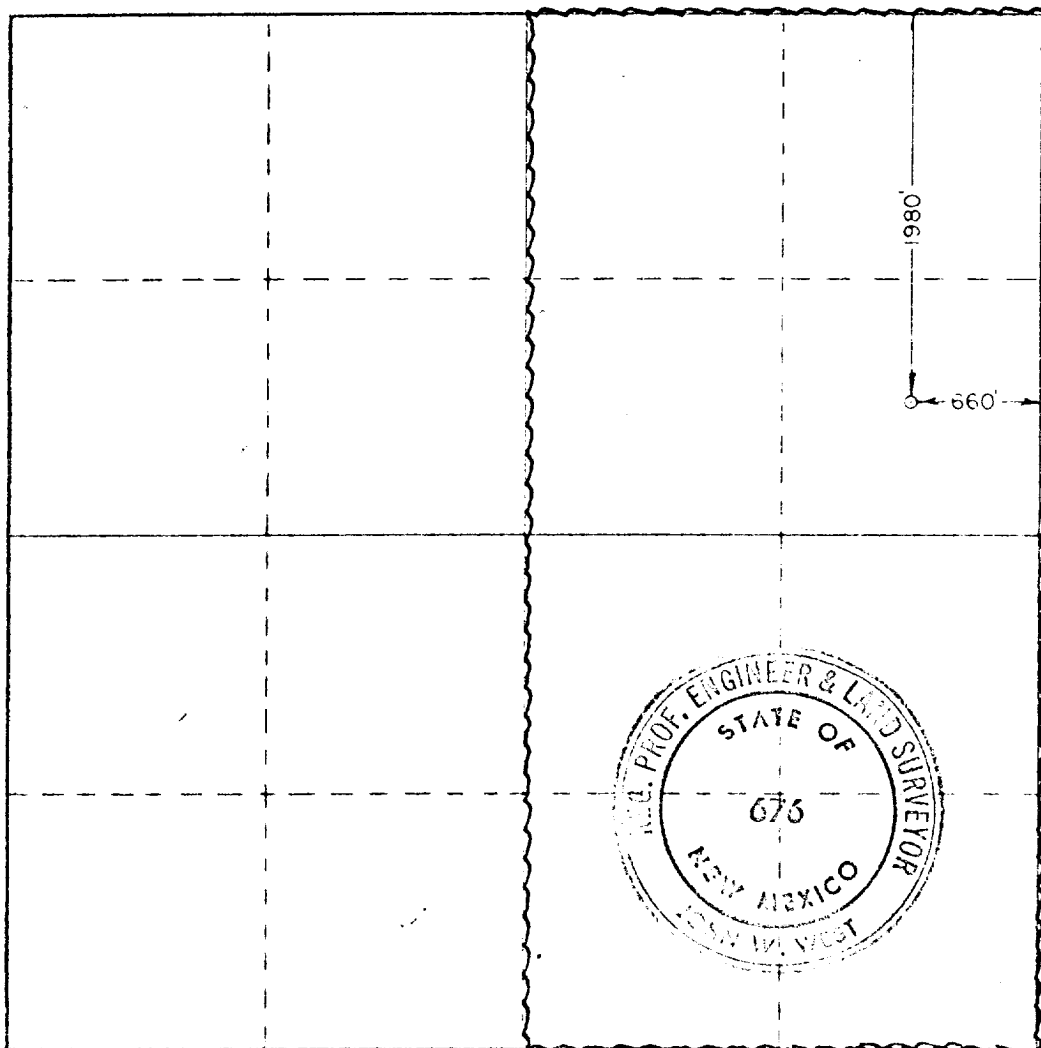
Operator Amoco Production Company			Lease Johnson			Well No. 1
Section H	Section 10	Range 18 South	Range 25 East	County Eddy		
Actual Well Location of Well:						
1980		feet from the	North	line and	660	feet from the
						East
Ground Level Elev. 3494.2	Producing Formation MORROW		Permit No. UND. ATOKA WEST		Dedicated Acreage 320	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

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

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.



CERTIFICATION

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

Randy Atkins
ASSISTANT ADMIN. ANALYST
AMOCO PRODUCTION CO.
1-18-78

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

Jan. 14, 1978

Witnessed and signed in presence of

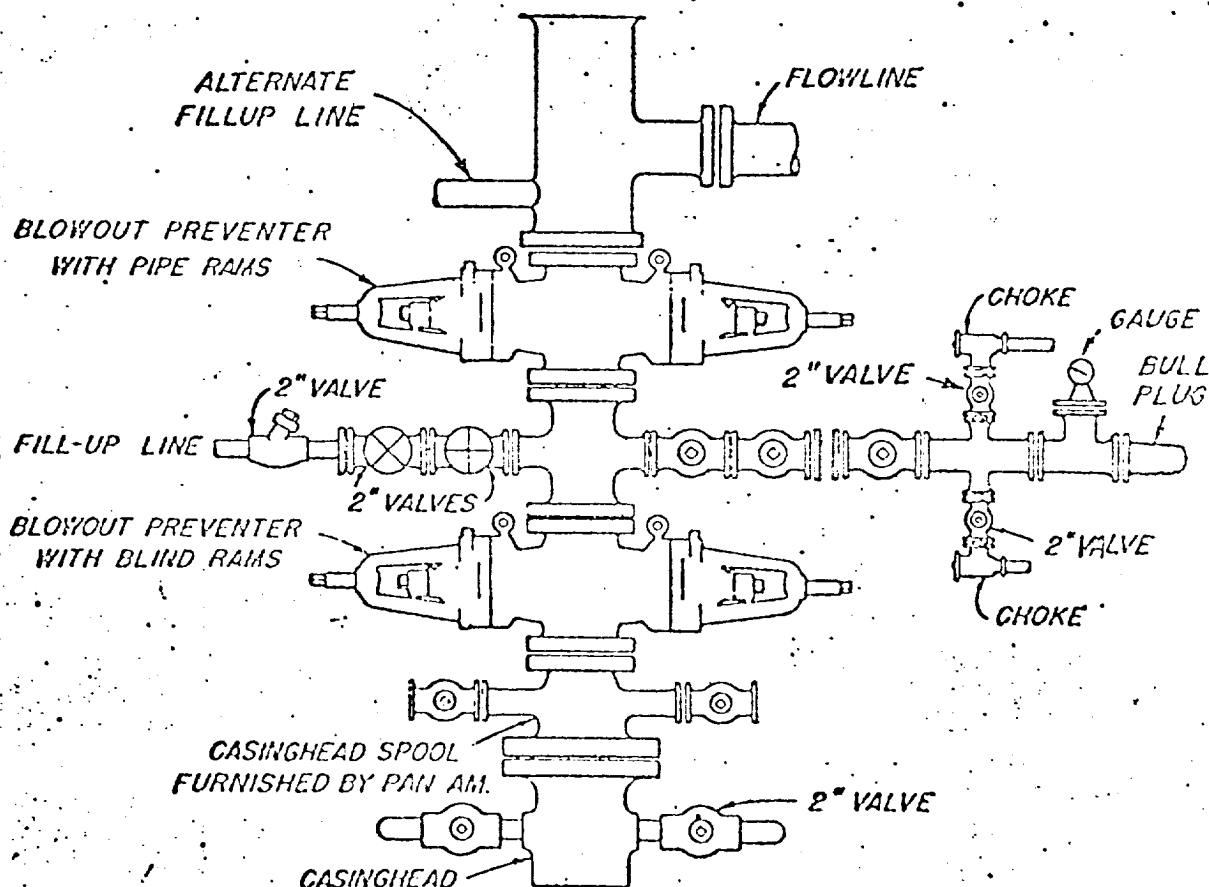
John W. West

Certified for John W. West 676
Ronald J. Edwards 3239

ATTACHMENT "B"
NOTES

1. Blow-out preventers and master valve to be fluid operated and all 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 6,000' 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 Pan American.
11. Rams in preventers will be installed as follows:

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



BLOWOUT PREVENTER HOOK-UP
PAN AMERICAN PETROLEUM CORP.

EXHIBIT D-1 MODIFIED