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RECEIVED
 NEW MEXICO OIL CONSERVATION COMMISSION
FEB 23 1978
O. C. C.
ARTESIA, OFFICE

30-015-22424
 Form C-101
 Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Griffin Com
9. Well No. 1
10. Field and Pool, or Willcut Richard Knob-Atoka Morrow
12. County Eddy

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. Drawer "A", Levelland, TX 79336			
4. Location of Well UNIT LETTER F LOCATED 1650 FEET FROM THE north LINE AND 1980 FEET FROM THE west LINE OF SEC. 4 TWP. 18-S RGE. 25-E NEARBY			
18. Proposed Depth 8,500'		19A. Formation Atoka-Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DE, KI, etc.) 3554.5 GR	
21A. Kind & Status Plug. Bond Blanket-On File		21B. Drilling Contractor Landis Drl. Co. (Rig#4)	
22. Approx. Date Work will start Feb. 24, 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. to Surface.	
12-1/4"	8-5/8"	32#	1250'	Circ. to Surface.	
7-7/8"	5-1/2"	15.5#-17#	8500'	Enough to tie back to 8-5/8" casing.	

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

Mud Program: 0' - 1250' - Native mud and fresh water.
 1250' - 7900' - Brine water, fresh water, and commercial mud.
 7900' - 8500' - Brine water, fresh water, and KCL and commercial mud.

BOP Program is attached.
 Gas is not dedicated.

APPROVAL VALID
 FOR 90 DAYS UNLESS
 DRILLING COMMENCED,

EXPIRES 5-24-78

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 Ray W. Cox Title Administrative Supervisor Date 2-23-78
 (This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE FEB 24 1978

CONDITIONS OF APPROVAL, IF ANY:

0 & 4 - NMOCC-Art. Cement must be circulated to
 1 - Div. surface behind 13 7/8" & 8 5/8" casing
 1 - RC 1 - Susp.

Notify NMOCC in sufficient time to witness cementing 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

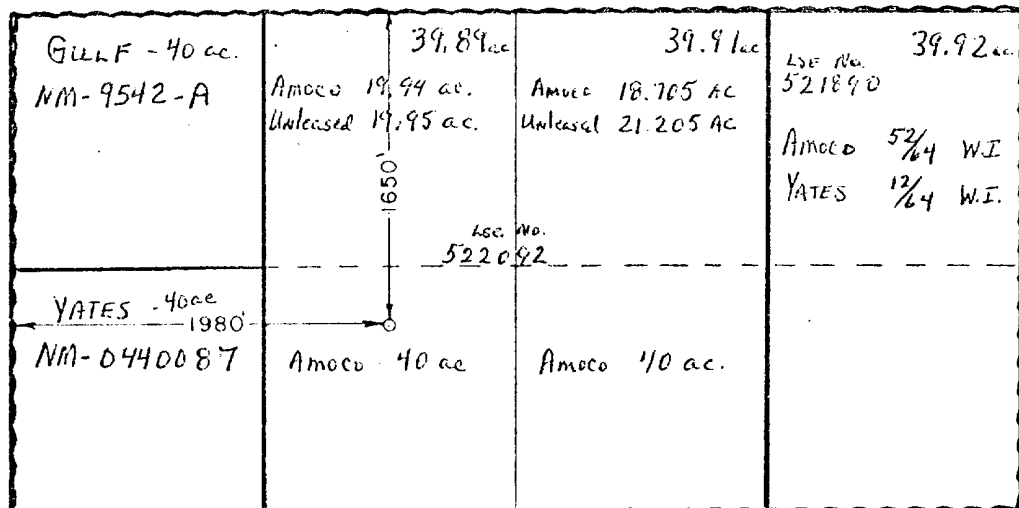
Operator Amoco Production Company		Lease Griffin Com.		Well No. 1
Unit Letter F	Section 4	Township 18 South	Range 25 East	County Eddy
Actual Well Location of Well: 1650 feet from the North line and 1980 feet from the West line				
Ground Area, Acre 3554.2	Producing Formation ATOKA MORROW	Pool RICHARD KNOB	Dedicated Acreage 320 Acres	

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 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.



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 2-23-78

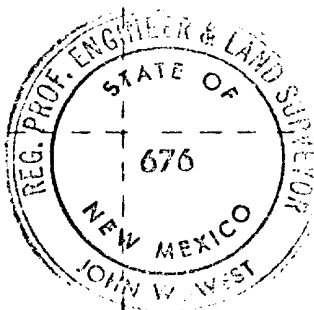
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief

Date Surveyed Feb. 22, 1978
Registered Professional Engineer and/or Land Surveyor

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

SEE ATTACHMENT FOR WORKING INTEREST & ROYALTY

WI
Amoco 57.36875
YATES 17.18281
Gulf 12.5
Unleased 12.94844



11 880 90 1320 1680 1980 2310 2640 2000 1800 1000 800 0

WORKING INTEREST

AMOCO PRODUCTION Co.	57.36875
YATES PETROLEUM Corp.	17.18281
Gulf	12.5
UNLEASED	12.94844

ROYALTY INTEREST

Unit A & H - Amoco Lse No. 521890A- Interest 44.955 ac. $\frac{3}{16}$ Royalty

Elsie C. Kissinger &

Howard E. Kissinger

B- Interest 7.045 ac. $\frac{1}{8}$ Royalty

Emily Jeannie Newkirk &

Carrie Louise Newkirk

YATES PETRO. 12. ac. 5% ORI

Jack J. Grynberg &

Wife Celese C.

 $\frac{1}{8}$ % ORI

E. R. Towle

UNIT B - Amoco

B- INTEREST 12.47 ac. $\frac{3}{16}$ ROYALTY

Jack Griffin

Geraldine Griffin

E- INTEREST 4.98 ac. $\frac{1}{8}$ ROYALTY

Perry O. Conner

Lola Jean O. Conner Fuller

F- INTEREST 1.25 ac. $\frac{1}{8}$ ROYALTY

May H. Neatherlin

Unit C - Amoco

B-INTEREST 14.95 ac

 $\frac{3}{16}$ ROYALTY

JACK GRIFFIN

GERALDINE GRIFFIN

E-INTEREST 4.99 ac

 $\frac{1}{8}$ ROYALTY

PERRY D. CONNER

LOLU JEAN D. CONNER Fuller

Unit D - GULF

NRI 82.5%

Unit E - YATES

5% ORI

VICTOR ROBERTS

MARILYN ROBERTS

JACK J. GRYNBERG ;

Wife Celeste C.

 $\frac{1}{8}$ Royalty

STATE of New Mexico

Unit F - AmocoWEST HALF OF TRACT

B-INTEREST - 17.5 ac.

 $\frac{3}{16}$ ROYALTY

JACK GRIFFIN

GERALDINE GRIFFIN

E-INTEREST - 2.5 ac.

 $\frac{1}{8}$ ROYALTY

PERRY D. CONNER

LOLU JEAN D. CONNER Fuller

EAST HALF OF TRACT

B-INTEREST - 15.0 ac.

 $\frac{3}{16}$ ROYALTY

JACK GRIFFIN

GERALDINE GRIFFIN

D-INTEREST - 2.5 ac

 $\frac{1}{8}$ ROYALTY

MARJORIE B. STANFILL

nee Baker

E-INTEREST - 2.5 ac.

 $\frac{1}{8}$ ROYALTY

PERRY D. CONNER

LOLU JEAN D. CONNER Fuller

Unit GAmocoA- INTEREST - 10.0 ac. $\frac{3}{16}$ Royalty

PARDUE FARMS

B- INTEREST - 15.0 ac. $\frac{3}{16}$ Royalty

JACK GRIFFIN

GERALDINE GRIFFIN

C- INTEREST - 10.0 ac. $\frac{3}{16}$ Royalty

EARL B. GUITAR

E- INTEREST - 5.0 ac. $\frac{1}{8}$ Royalty

Perry O. CONNER

LOLU JEAN O'CONNER FULLER

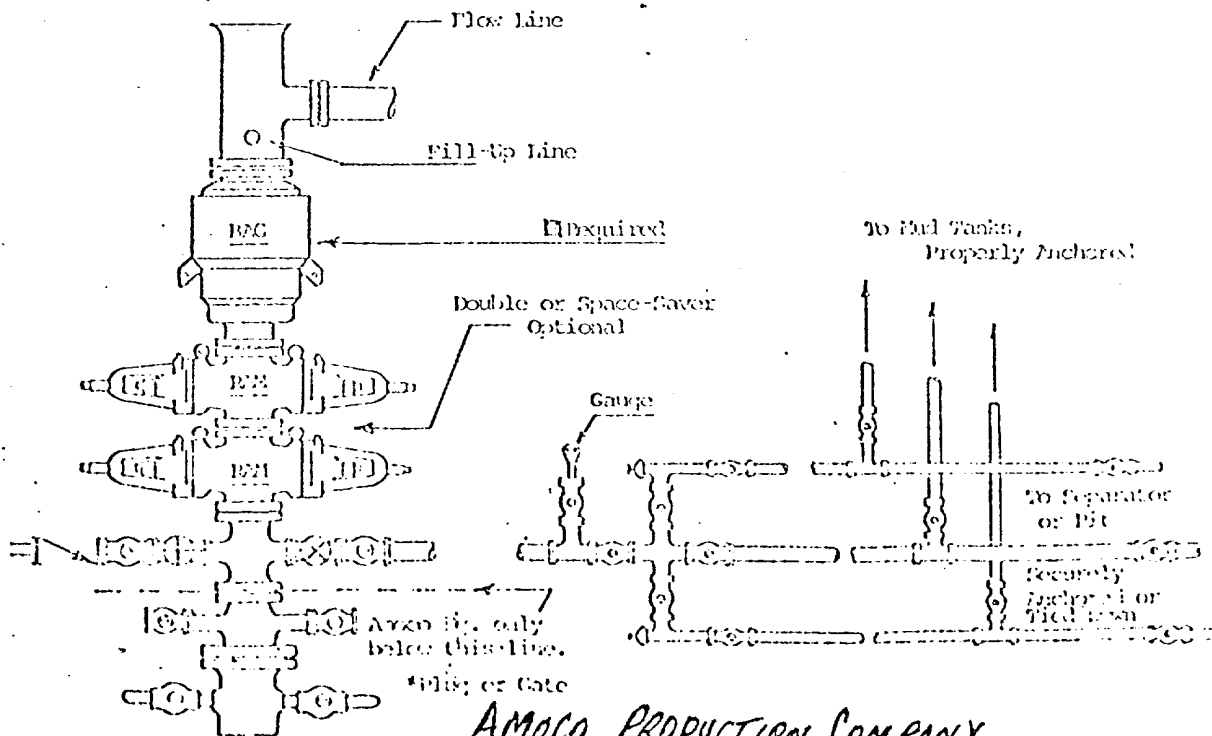
1. BOP'S TO BE USED OPERATED.
2. BOP'S AND ALL FURTHER LINES BE PLACED OPERATED AND TESTED AT 3000 PSI W.P. MINIMUM.
3. DEEPER THEREAT WHICH BE TEST PRESS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THEREIN.
4. SHORTER ABOVE BOP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. LOWER BOP COCK IS REQUIRED AND SHALL BE 3000 PSI W.P. MINIMUM.
6. T. I. W. OR OVERPRESSURE SAFETY VALVE SHALL BE AVAILABLE ON RIG FLOOR WITH GUARANTY OR SUBS TO FIT ANY TOOL JOINT IN THE STRING. VALVE TO BE FULL BORE 3000 PSI MIN.
7. VALVE NEXT TO SPOOL SHALL BE 4". OTHER EQUIPMENT MAY BE 3" OR 4". ALL CROSS HATCHFOLD EQUIPMENT SHALL BE ELONGED. FLOW LINE FROM HATCHFOLD TO BE MINIMUM OF 3" AND STRAIGHT AS POSSIBLE WITH MINIMUM BENDS.
8. FLUID LINES FROM ACCUMULATORS 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 TUNNELS AND ADEQUATELY PROTECTED FROM DAMAGE.
9. USE RVS IN FOLLOWING POSITIONS:*

	DRILLING	RUNNING CASING
UPPER RVM	DRILL PIPE	CASING
LOWER RVM	BLIND	BLIND

*ANYCO AREA SUPT. MAY REVERSE LOCATION OF RVS.

10. GATE HATCHFOLD, KEYED 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 UNBOSSED VALVES MAY BE PLUG OR GATE VALVE, BUTAL TO BUTAL SEAL.



AMOCO 3/76

AMOCO PRODUCTION COMPANY
GRIFFIN COM. NO. 1
T-18-S, R-25-E, Sec. 4, Eddy Co.

3000+ W.P.