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NEW MEXICO OIL & GAS COMMISSION

MAR 1 1979

O. C. C.
ARTESIA, OFFICE

30-015-22855

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Giovingo Gas Com	
2. Name of Operator Amoco Production Company ✓		9. Well No. 1	
3. Address of Operator P.O. Drawer "A", Levelland, Texas 79336		10. Field and Pool, or Willcat x Und. Morrow	
4. Location of Well UNIT LETTER K LOCATED 1650 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 25 TWP. 23-S RGE. 28-E N40°W		11. County Eddy	
19. Proposed Depth 13,300'		19A. Formation Morrow	
20. Rotary or C.T. Rotary			
21. Elevations (show whether DE, RT, etc.) 2982.5 GR	21A. Kind & Status Plug. Bond Blanket on File	21B. Drilling Contractor MGF	22. Approx. Date Work will start April 1, 1979

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	84#	400'	Circulate to surface	
14 3/4"	10 3/4"	40.5#	2700'	Circulate to surface	
9 1/2"	7 5/8"	39#	11,250'	Tie back to 10 3/4"	
6 1/2"	5" liner	17.93#	11,050'-13,300'	Tie back to 7 5/8"	

Propose to drill and equip Morrow well at 13,300'. After reaching TD, logs will be run and evaluations made. Perforate and/or stimulate as necessary in attempting commercial production.

Mud Program 0-400
400'-2700'
2700'-11,250'
11,250'-13,300'

Native mud and fresh water
Native mud and brine water
Add fresh water to brine and commercial mud to maintain safe hole conditions.
Add KCL for 6% system. Use brine water for 90 days on Morrow.
Raise viscosity and reduce water loss for 90 days on Morrow.
penetration.

BOP program is attached
Gas in not dedicated.

EXPIRES 6-2-79

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 Randy Atkins Title Administrative Analyst Date February 28, 1979

(This space for State Use)

APPROVED BY W. A. Gresset TITLE SUPERVISOR, DISTRICT II DATE MAR 2 1979

CONDITIONS OF APPROVAL, IF ANY:

0+5-NMOCD=A 1-Susp 1-Maddox Energy 1-Richard Booth 1-Pecos Irrigation
1-Houston 1-RWA 1-Richard Gaddy 1-Thomas Stribling

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 Co.		Lease Glovingo Gas Com.		Well No. 1
Unit Letter K	Section 25	Township 23 South	Range 28 East	County Eddy
Actual Footage Location of Well: 1650 feet from the South line and 1980 feet from the West line				
Ground Level Elev. 2982.5	Producing Formation Morrow	Pool Und. Morrow	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.

Working Interest Ownership	Royalty Ownership
Amoco Production Co. 75.0000%	(1) S/E 1/4 Ray Howard
Maddox Energy Corp. 7.8125%	Floyd Graham
Richard S. Gaddy 9.3750%	Reese Arthur
Richard E. Booth 3.1250%	Hershell C. Arthur
Thomas Stribling 3.1250%	Pearl Archuleta
Pecos Irrigation 1.5625%	R.F. Fort
	Luther Fort
	(2) NW SW: W/2 E/2 NESW
	W/2 NESW; J. Glovingo
	(3) N/2 E/2 E/2 NE SW-Pecos
	Irrigation
	(4) S/2 E/2 E/2 NESW-Tipton
	(5) N/2 SW SW-K.C. Williams
	(6) S/2 SW SW - G.B. Williams
	(7) SE SW - S.F. Williams

REGISTERED LAND SURVEYOR
No. **3239**
NEW MEXICO
RONALD J. EIDSON

Amoco Production Company

Pecos Irrigation Corp

Maddox Energy Corp

Richard S. Gaddy - 3/4
Richard E. Booth - 1/4
Thomas Stribling - 1/4

Amoco

Amoco Production Company

CERTIFICATION

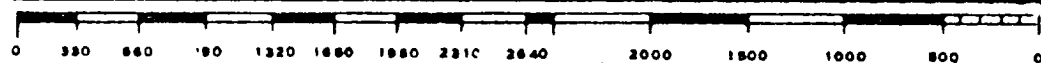
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Randy Atkins
Position Administrative Analyst
Company Amoco Production Company
Date February 26, 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 December 1, 1978
Registered Professional Engineer and/or Land Surveyor

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



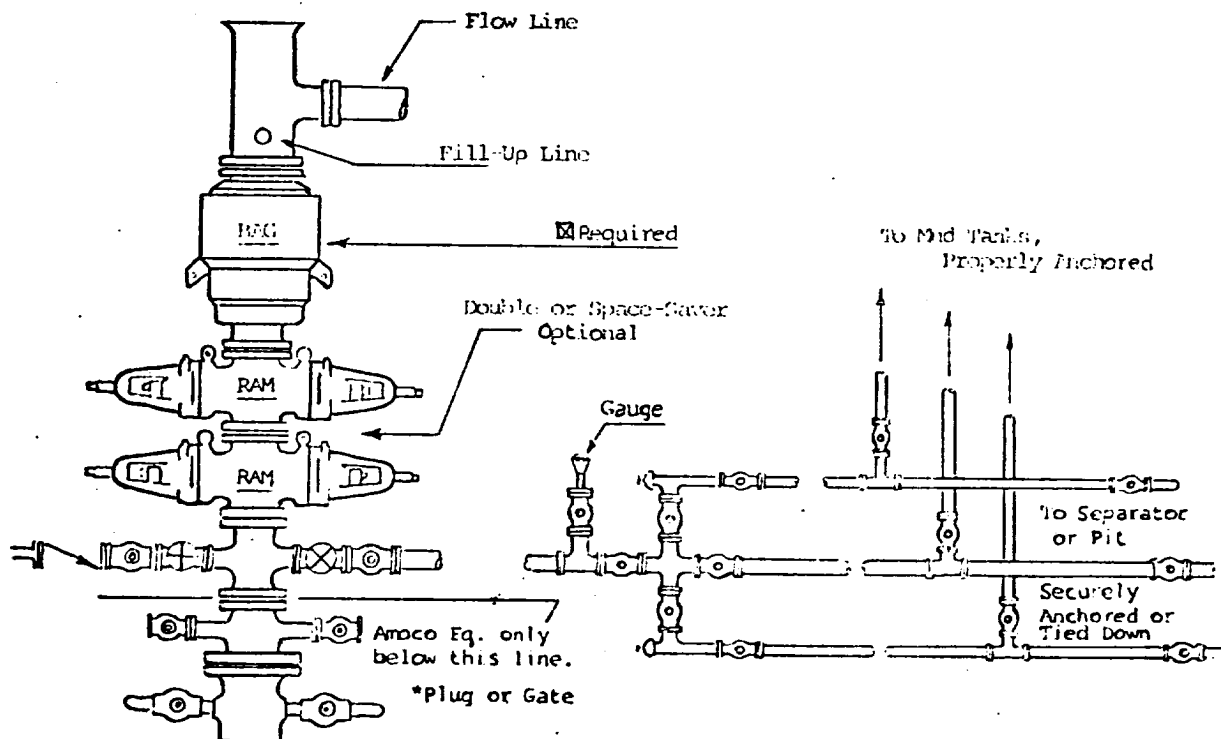
1. BOP'S TO BE ID OPERATED.
2. BOP'S AND ALL FITTINGS MUST BE IN GOOD CONDITION AND RATED AT 3000 PSI W.P. MINIMUM.
3. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THROUGH.
4. NIPPLE ABOVE BOP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. UPPER KELLY COCK 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.



3000# W.P.