

OIL CONSERVATION COMMISSION

P. O. BOX 2033

SANTA FE, NEW MEXICO 87301

RECEIVED

MAR 10 1978

March 2, 1978

G. C. C.
ARTESIA, OFFICE

Trono Production Company
P. O. Box 1
Newland, Texas 79130

Attention: Mr. V. H. Staley

Administrative Order NSL-026

Sir:

Reference is made to your application for approval of a non-standard location for your Yates Federal "A" Com Unit No. 1, located 154 feet from the North line and 155 feet from the East line of Section 21, Township 19 North, Range 14 East, N24E, Undesignated Morrow Pool, King County, New Mexico.

In authority granted us under the provisions of Rule 20.2 of the Commission Rules and Regulations, the above-described non-standard location is hereby approved.

Very truly yours,

GEO. H. ROBERT,
Secretary-Director

GCR/MS/LR

cc: Oil Conservation Commission - Artesia
Oil and Gas Engineering Committee - Hobbs
U. S. Geological Survey - Artesia

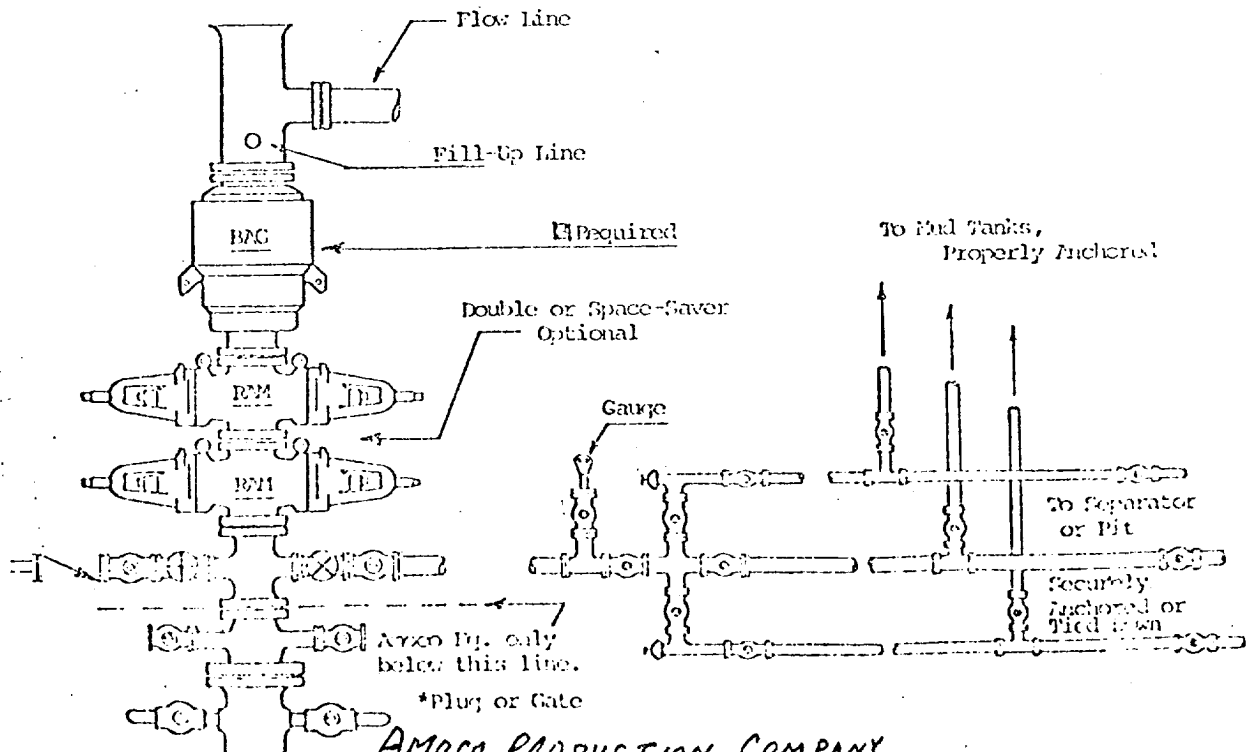
1. BOP'S TO BE FIELD OPERATED.
2. BOP'S AND ALL FITTINGS MUST BE IN GOOD CONDITION AND RATED AT 3000 PSI W.P. MINIMUM.
3. BOP'S MUST BE SUCH THAT THEY MUST PASS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THROUGH.
4. NIPPLE ABOVE BOP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. UPPER KELLY 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 CHECK 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 IN-OUT 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 RVS IN FOLLOWING POSITIONS:*

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

*AMOCO AREA SUPT. MAY REVERSE LOCATION OF RVS.

10. CHECK MANIFOLD, BEYOND SECOND VALVE FROM CROSS MAY BE OPTIONALLY POSITIONED OUTSIDE OF SUBSTRUCTURE.
11. EXTENSIONS AND HAND WHEELS TO BE INSTALLED AND BY-PAID 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, INSTAL TO METAL SEAL.



WYND 2/76

AMOCO PRODUCTION COMPANY

YATES FEDERAL "A" COM WELL NO. 1

3000# W.P.

T-19-S, R-24-E, EDDY CO., N.M.

Attachment to "Application for Permit to Drill", Form 9-331 C

Yates Federal "A" Com Well No. 1, Unit A, 660' FNL x 660' FEL, Section 21,
T-19-S, R-24-E, Eddy County, New Mexico.

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Quaternary

4. Type of drilling tools and associated equipment to be utilized.

See Form 9-331 C

5. Proposed drilling depth.

See Form 9-331 C

6. Estimated tops of important geologic markers.

San Andres	356'	Wolfcamp	5083'	Mississippian	8975'
Glorieta	1775'	Strawn	7988'		
Abo	3810'	Atoka	8430'		
		Morrow	8700'		

7. Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

Abo	3810'	Atoka	8430'
Strawn	7988'	Morrow	8700'

8. Proposed casing program, including size, grade, and weight of each string and whether it is new or used.

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>New or Used</u>
200'	13-3/8"	48#	K-55 ST&C	New
1,600'	8-5/8"	24#	K-55 ST&C	New
9,000'	5-1/2"	15.5#-17#	K-55 ST&C	New

9. Proposed cementing program.

13-3/8" Casing - Sufficient cement to circulate to surface
8-5/8" Casing - Sufficient cement to circulate to surface
5-1/2" Casing - Sufficient to tie back to 8-5/8" casing.

10. Blowout Preventer Program is attached.
11. Type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling, and the quantities and types of mud and weighting material to be maintained.
Surf to 200' - Native mud x fresh water.
200' to 1,600' - Brine water, native mud and sufficient commercial mud to maintain good hole conditions.
1,600' to 8,000' - Fresh water added to brine, native and commercial mud.
8,000' to 9,000' - KCL added for 3-4% system. At 8,400' raise viscosity with commercial mud for Morrow Penetration.
12. Testing, logging and coring programs to be followed with provisions made for required flexibility.
Surf to TD - Gamma Ray-Sonic-Velocity Survey
2,000' to TD - GR-CNL-FDC-Caliper
2,000' to TD - GR-Dual Laterolog-Micro SFL-SP
13. Any anticipated abnormal pressure or temperatures expected to be encountered or potential hazards, such as hydrogen sulfide gas, along with plans for mitigating such hazards.

None Anticipated.
14. Anticipated starting date and duration of operation.

Start March 1, 1978. Complete April 10, 1978.
15. Other facets of the proposed operation operator wishes to point out for the Geological Survey's consideration of the application.

None.

ATTACHMENT TO FORM 9-331C

APPLICATION FOR PERMIT TO DRILL

LEASE Yates Federal "A" Com WELL NO. 1

LOCATION Unit A, Sec.21, T-19-S, R-24-E

POOL Undesignated Morrow

COUNTY Eddy County, New Mexico

The undersigned hereby states that Amoco's representative, Mr. E. E. Pauley, personally contacted Fern Parrish, the ~~owner~~/lessee of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work

If the well is a producer, all pits will be cut, filled and leveled as soon as practical after the pits are dry. If the well is a dry hole, pits will be filled as above, a dry hole marker will be installed, and the location and pad will remain intact.



D. R. Couch
Administrative Analyst (SG)

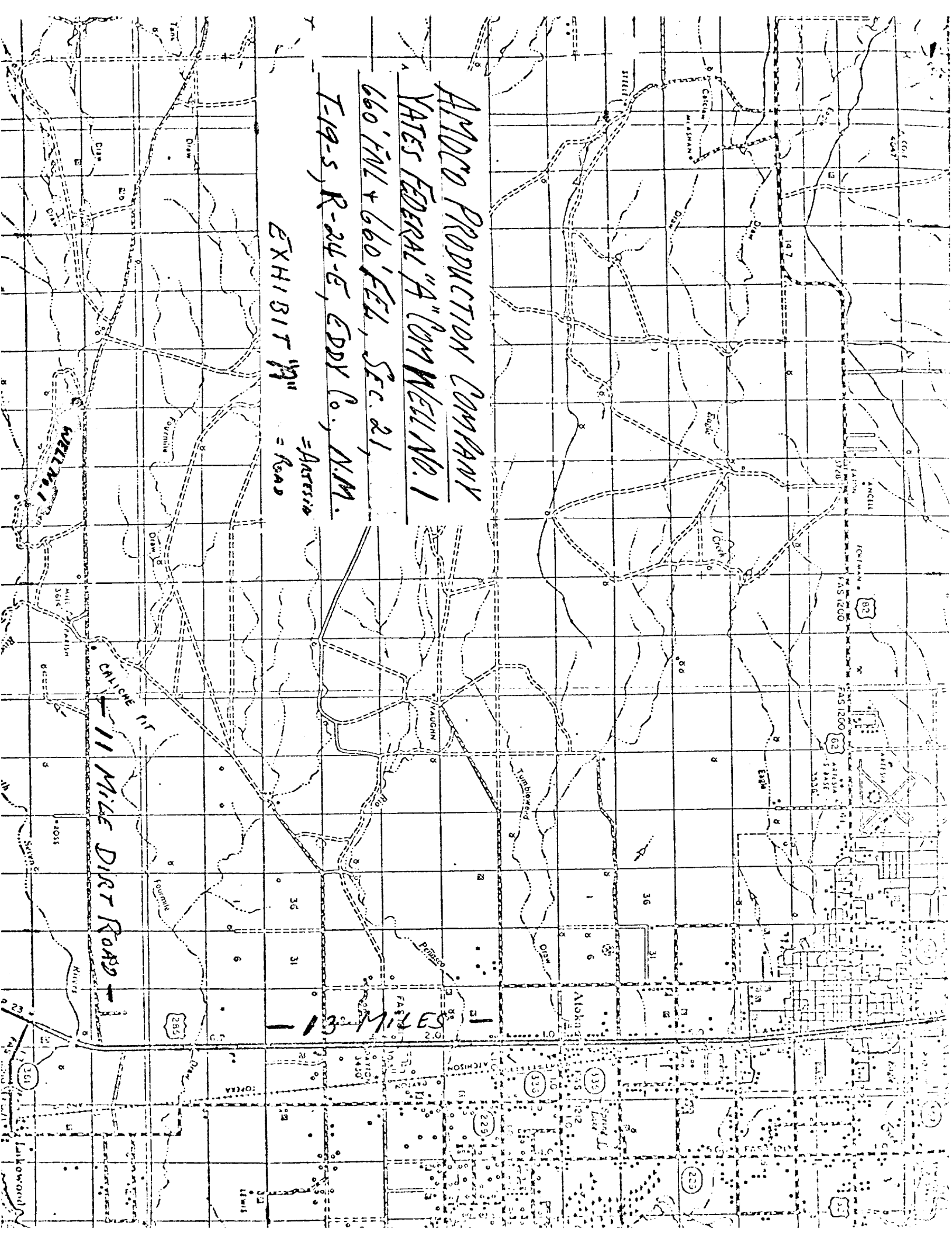
2-13-78
Date

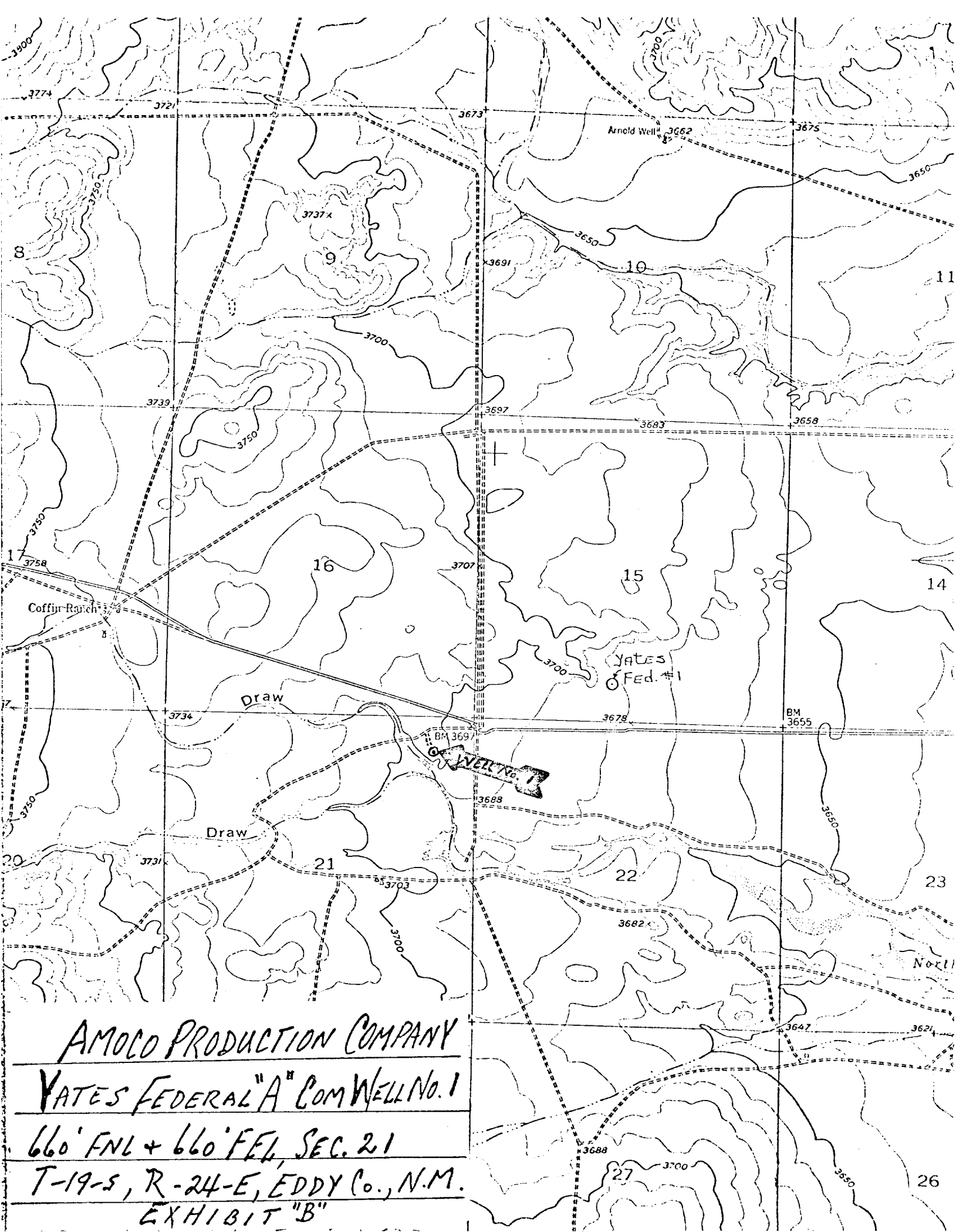
AMOCO PRODUCTION COMPANY
YATES FEDERAL "A" COMMEIL NO. 1

660' TNL + 660' FEH, SEC. 21,
T-19-S, R-24-E, EDDY Co., N.M.

EXHIBIT "A"

= Artesia
= Road





AMOCO PRODUCTION COMPANY

YATES FEDERAL "A" COM WELL NO. 1

660' FNL + 660' FEL, SEC. 21

T-19-S, R-24-E, EDDY Co., N.M.

EXHIBIT "B"



Amoco Production Company
ENGINEERING CHART

SHEET NO. _____ OF _____
FILE _____
APPN _____
DATE 10-15-76
BY RC
SCALE - 1" = 60'

SUBJECT DRILL SITE DIMENSIONS
MEDIUM DEEP WELL (7500' to 14,000')

