

INEXCO OIL COMPANY

PLAN OF OPERATION

Date:

Well Name: Federal 1 Avalon

Location: Section 1 - T21S - R26E
Eddy County, New Mexico

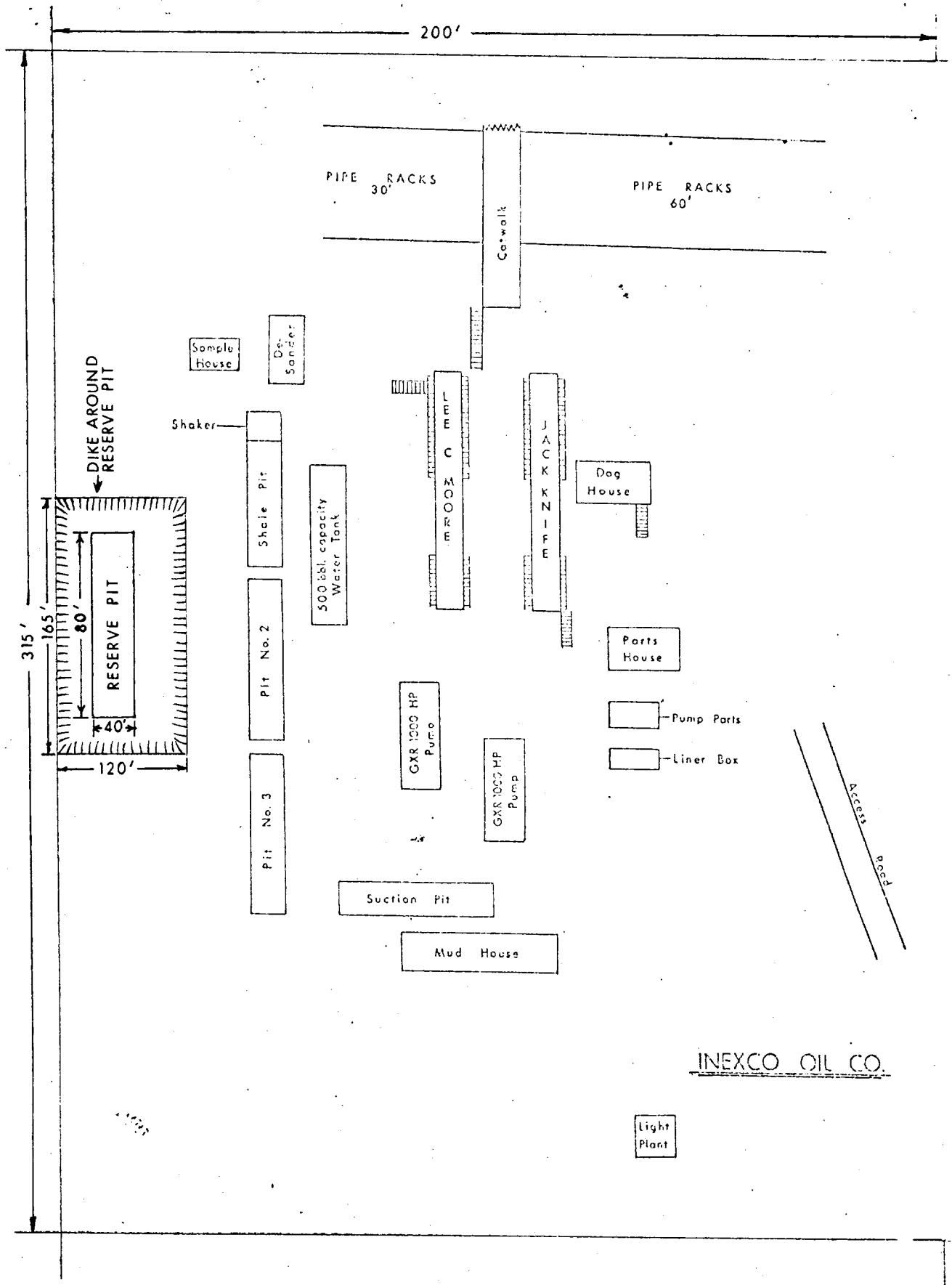
Existing Roads: See Map "A" attached.

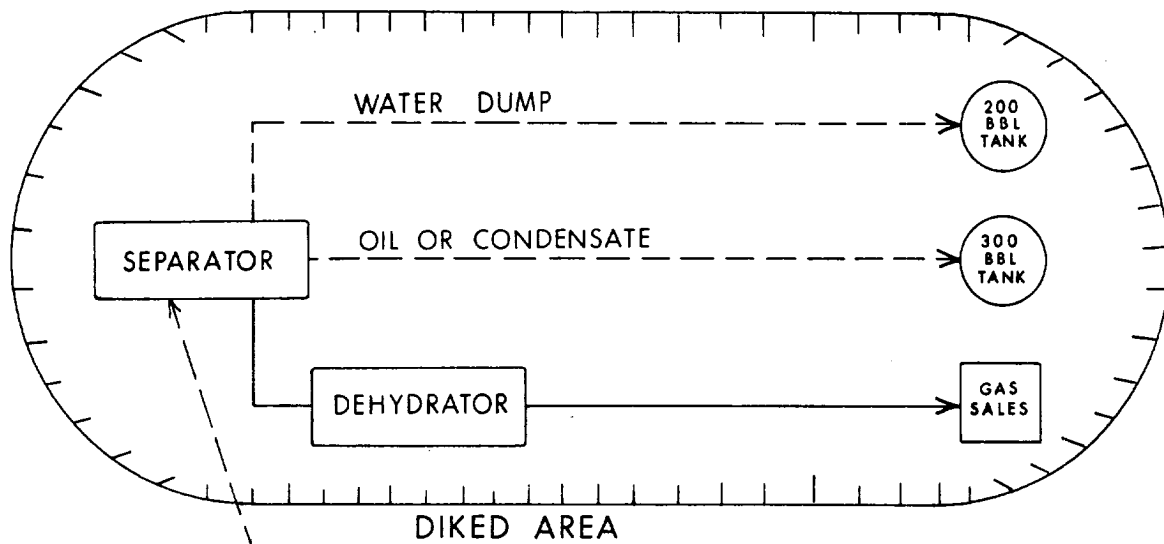
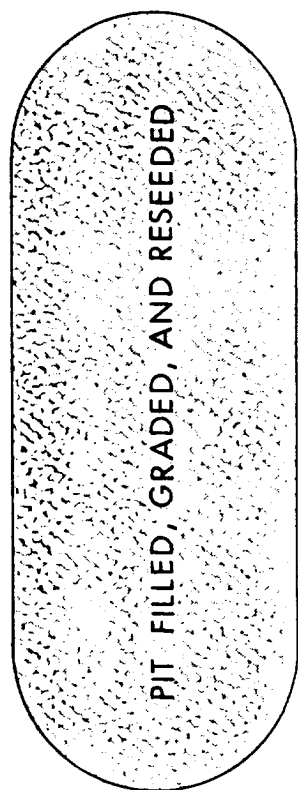
1. From intersection of highways numbered 285, 180 and 162 in the city of Carlsbad, New Mexico, go north on Canal Street and continue on blacktop for 6 miles to existing cattleguard. Cross cattleguard and turn left on to gravel road and go approximately 9/10 of a mile to location.
2. Planned Access Roads: Existing road to location.
3. Existing Wells: See plat attached.
4. Lateral Roads: See Map "A".
5. Location of Tank Batteries and Flowlines: See diagram attached.
6. A water supply well will be drilled on location.
7. Method of Handling Waste Disposal: All trash and waste material of any kind will be contained in a burn pit adjacent to the reserve pit. All flammable waste will be burned and non-flammable materials will be buried in reserve pit upon completion of drilling at location.
8. Location of Camps: None planned.
9. Location of Air Strips: None planned.
10. Location of Rig: See diagram attached.
11. Plans for Restriction: Upon completion of drilling operations at the above described location, the reserve pits will be fenced off to dry or with permission, the pits will be cut and backfilled immediately. If the test is dry, the location will be cleaned and restored to a natural contour.

Arrangements will be made to inspect the location with a U.S.G.S. representative prior to drilling so any special requirement can be discussed.
12. The drillsite is hilly with the top soil being caliche.
13. All precautionary measures will be taken to protect wildlife during our operations at this location.

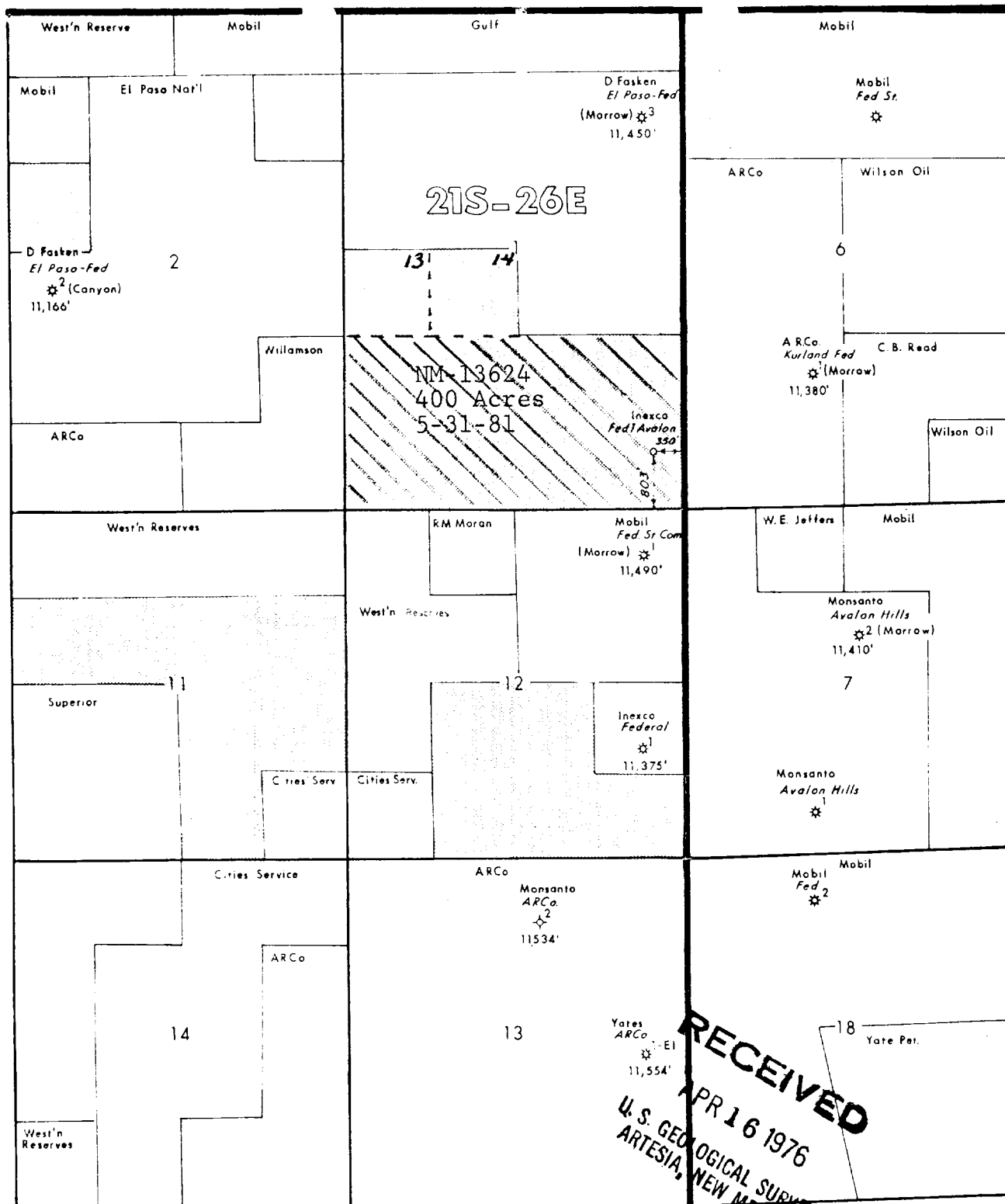
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ARTESIA, NEW MEXICO


J. J. Konicki





	1100 Milam Bldg. - Houston, Texas 77002
	713-237-3300
NEXCO OIL COMPANY	



Lease NM-13624 is described as being Lots 13 & 14 and S/2 Section 1, Twp. 21S, Rge. 26E, Eddy County, New Mexico containing 400 acres, more or less, red crosshatched is 320 acres dedicated to this well.

INEXCO OIL COMPANY

Clark Baker
Clark Baker
Area Landman

BURTON FLAT MORROW FLD. EXTENSION

EDDY CO., NEW MEXICO

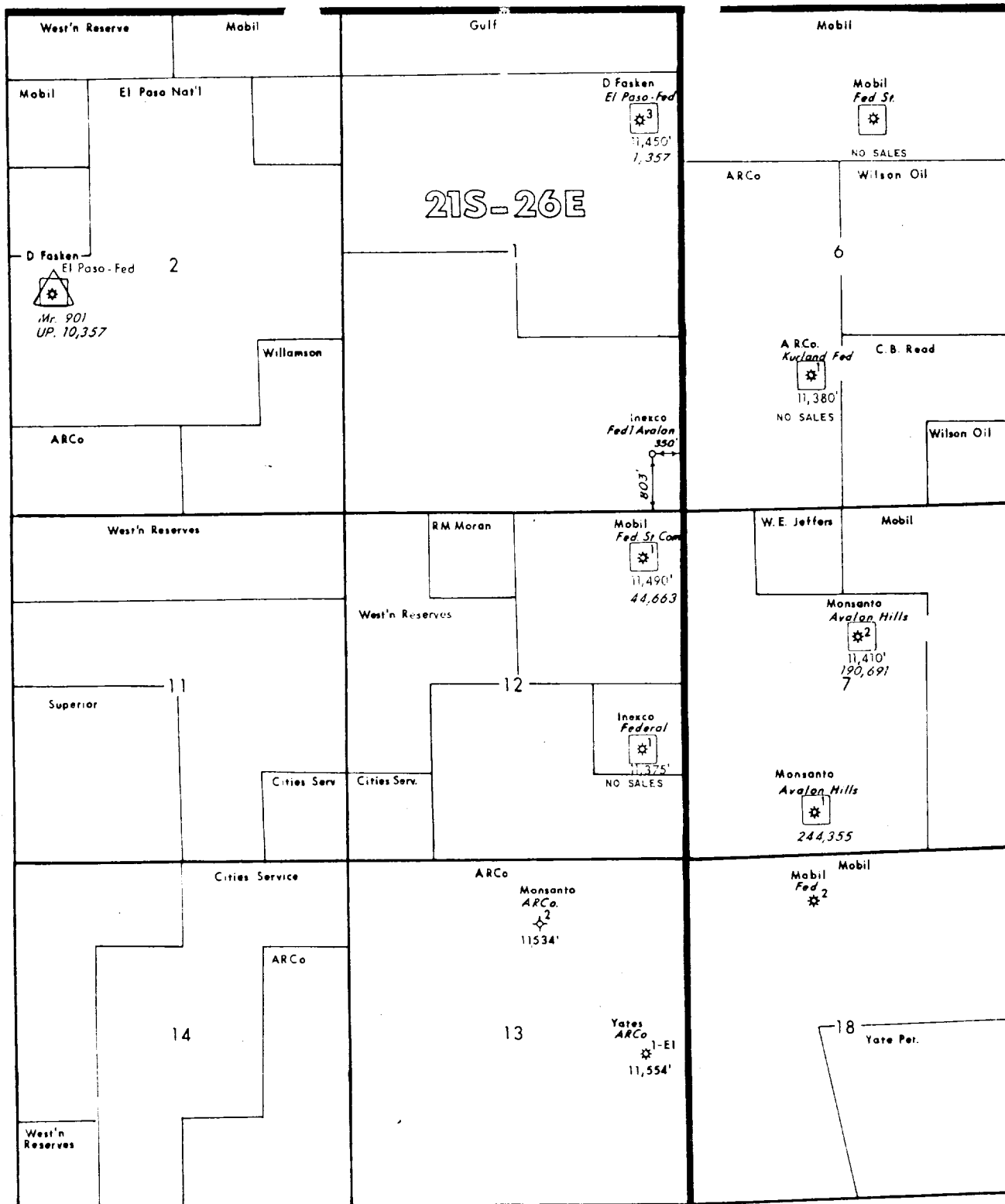
INEXCO #1 FEDERAL AVALON

Scale in Miles



INEXCO OIL COMPANY

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LEGEND
PRODUCING ZONE



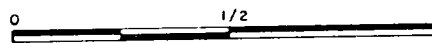
Morrow



Upper Penn.

BURTON FLAT MORROW FLD. EXTENSION
EDDY CO., NEW MEXICO
INEXCO #1 FEDERAL AVALON

Scale in Miles



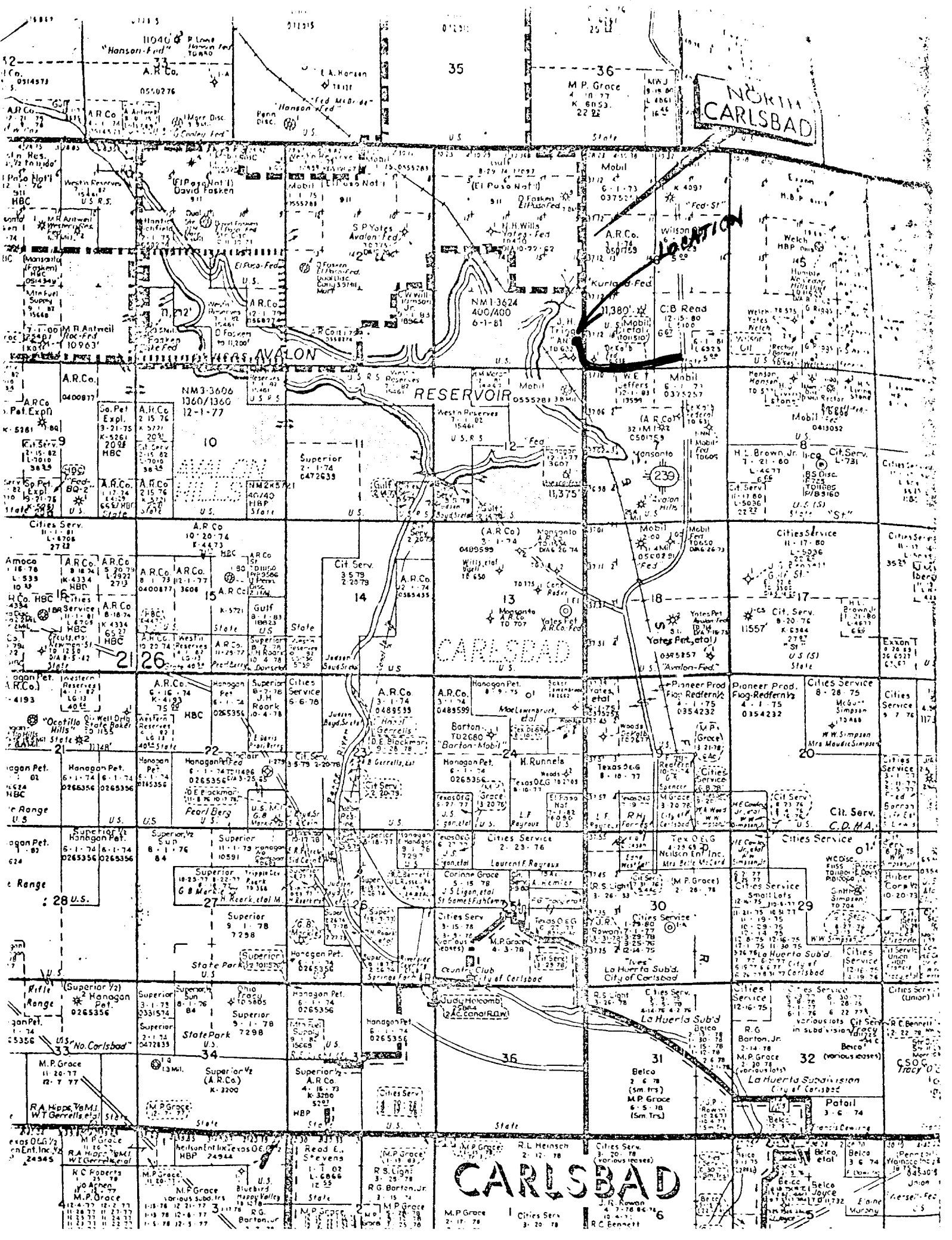
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PRODUCTION IN JANUARY 1976, MCF





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April 5, 1976

United States Department of The Interior
U. S. Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210

RE: Seven Point Well Control Plan
Federal 1 Avalon #1
Sec. 1-T21S-R26E
Eddy County, New Mexico

1. Surface Casing: 13-3/8 K-55 ST&C, set at $\pm$ 500', cemented to surface.
2. Casinghead Flange: 13-3/8 X 12", top 2000 psi, CIW Casinghead with 2-2" psi outlets.
3. 9-5/8", 36# intermediate casing will be run to $\pm$ 2600' and cemented to surface. Casinghead flange 9-5/8" X 10" X 5000 psi.
4. Blowout Preventer: A 10" 5000 psi W. P. Double Gate Hydraulic Shaffer BOP (or equivalent) with 4-1/2" pipe rams and blind rams. All fill, kill, and choke lines will be minimum of 2" 5000 psi W.P.
5. Auxillary Equipment: (A) Upper and lower kelly cocks will be used. (B) Drill pipe floats will be at contractors discretion. (C) Visual and manual monitoring of mud including mud pit indicators and flow rate indicators. (D) A full opening stabbing valve will be kept on the rig floor at all times.
6. Anticipated bottom hole pressure is less than 6220 psig at 11,500 or gradient of .54 psi/ft. or less.
7. Well will be drilled with a water based gel-chemical mud system with 9.5 to 10.6 ppg weight, 35-45 sec viscosity, water loss controlled to 10 cc's or less below 10,500'.

Yours very truly,

INEXCO OIL COMPANY

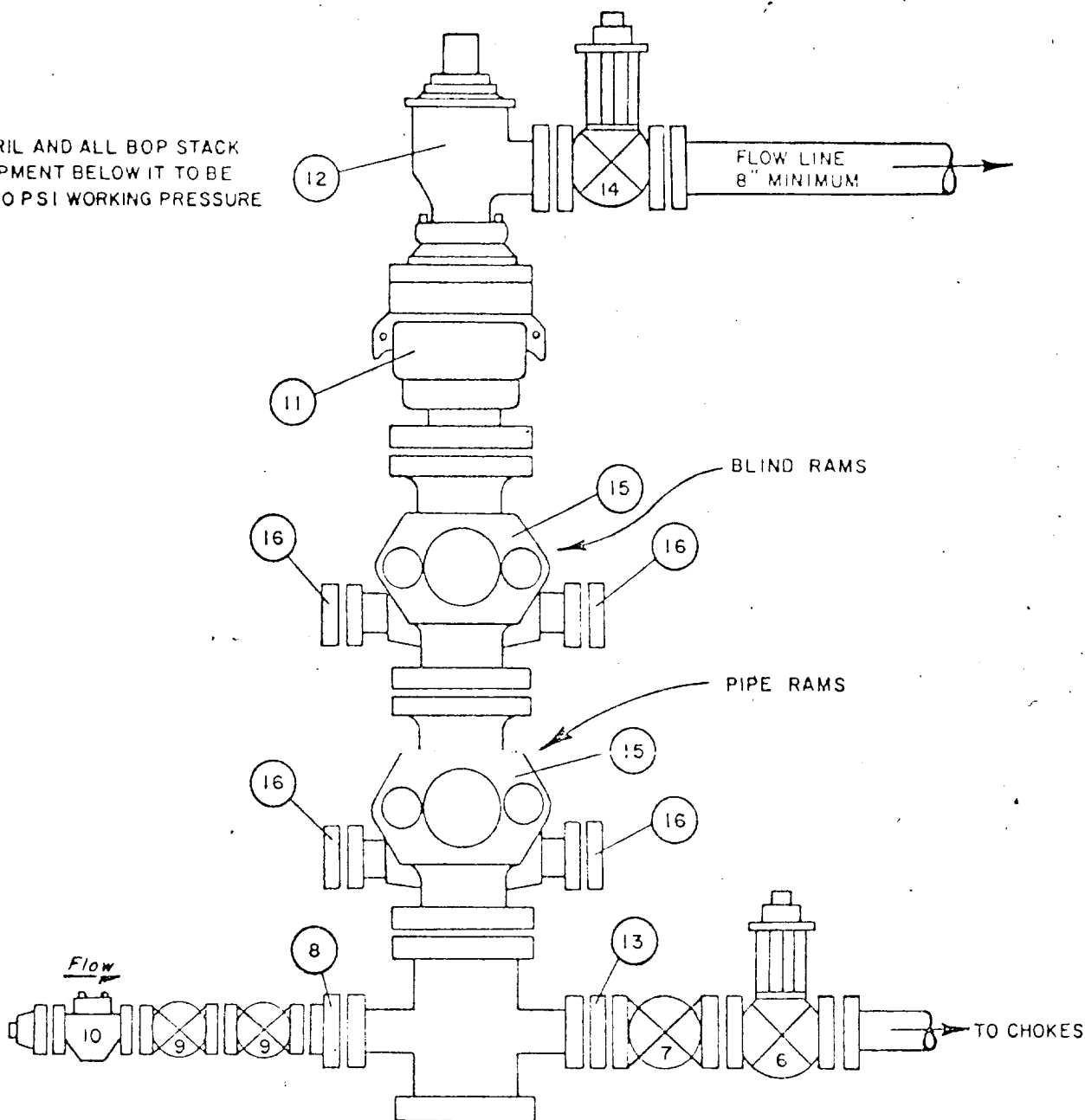
V. C. Maddox

V. C. Maddox
Assistant Drilling Administrator

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ARTESIA, NEW MEXICO

VCM/dlb

HYDRIL AND ALL BOP STACK
EQUIPMENT BELOW IT TO BE
5,000 PSI WORKING PRESSURE



ALL EQUIPMENT IN CHOKE LINE, RELIEF
LINE, AND KILL LINES TO BE 10,000 PSI
WORKING PRESSURE.

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

DRILLING CONTROL HOOK-UP
5,000 PSI WORKING PRESSURE



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Houston, Texas 77002
713-237-3300