

February 6, 1975

APPLICATION OF MESA PETROLEUM CO.
TO MULTIPLE COMPLETE THE NASH UNIT
WELL NUMBER 1, LOCATED IN UNIT LETTER
H, 1980' FNL & 660' FEL OF SECTION 13, TOWN-
SHIP 23S, RANGE 29E OF EDDY COUNTY, NEW
MEXICO IN ACCORDANCE WITH RULE 112-A.

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MESA — PBD

Mesa Petroleum Co. hereby makes application for multiple completion of the Nash Unit Well No. 1-H-13-23S-29E in Eddy County, New Mexico in accordance by provisions of Rule 112-A. Completion zones are the Morrow and Strawn with tops at 13,175' and 12,138', respectively.

Form C-107, Application for Multiple Completion, is attached, together with a diagrammatic sketch of downhole mechanics. The plat depicts the well and the unit boundary. Texaco is the offset operator to the south.

Prior to the multiple completion of the Strawn and Morrow zones, the casing will again be pressure tested to determine that no leaks exist. A packer leakage test will be run after completion to verify that commingling of hydrocarbons does not take place.

Two portions of a strip log are included. As indicated on the diagrammatic sketch, the Morrow zone (lower) will be crossed over into the annulus while the Strawn zone (upper) with anticipated larger quantity of liquid hydrocarbons, will be produced up the tubing.

Michael P. Houston
Michael P. Houston

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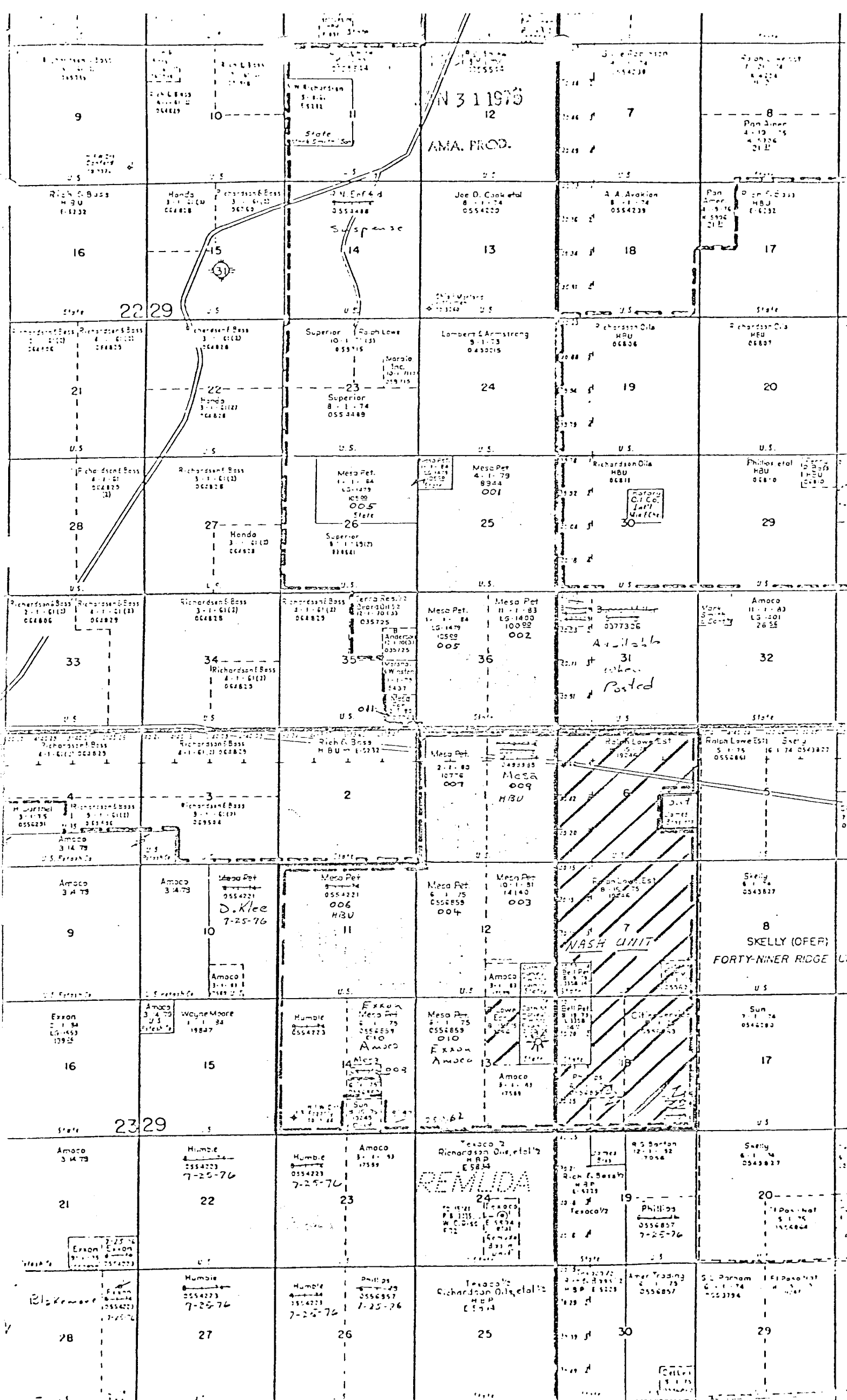
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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

XC: 3-Nmocc
1-Texaco
1-Midland



NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Mesa Petroleum Co.		County Eddy		Date 2-6-75
Address P. O. Box 2009, Amarillo, TX 79105		Lease Nash Unit		Well No. 1
Location of Well	Unit H	Section 13	Township 23S	Range 29E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Strawn		Morrow
b. Top and Bottom of Pay Section (Perforations)	12,138'-12,150'		13,175' - 13,609'
c. Type of production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
☒	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☒	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☒	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☒	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Texaco, Inc. Box 3109, Midland, Texas 79701

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6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification **February 6, 1975**.

CERTIFICATE: I, the undersigned, state that I am the Production Engineer of the Mesa Petroleum Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

[Signature]
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the zones, a separate application for approval of the same should be filed simultaneously with this application.

Nash Unit #1
1980' FNL & 660' FEL
Sec. 13, T23S, R29E
Eddy Co., New Mexico

10 3/4" cmtd. w/1113 sx cmt,
2% lo dense w/5# gilsonite +
1/4# celloflakes followed by
200 sx Class "C". Centralizers
on 1st, 3rd, & 5th collars.
Cemt did not circ. Dumped 14
yards of cmt and filled to
surface.

7 5/8". Installed centralizers
at mid-shoe jt. & on top of jt.
#1, 3, 5, & 7. Installed DV tool @
6866' w/2 cmt baskets above.
Cmtd 1st stage w/600 sx HLW +
0.6% Halad 22 + 3# salt + 1/4#
flocele followed by 200 sx Class
H + 3# salt + 1/4# flocele + 0.8%
Halad 22. Opened DV tool &
cmtd w/550 sx HLW + 0.6% Halad
22 + 3# gilsonite + 3# salt + 1/4#
flocele, followed by 100 sx Class
H + 3# salt + 1/4# flocele + 0.8%
Halad 22. Ran temperature
survey, top of cmt @ 3920'.

OTIS MCH PACKER 12,075'

STRAWN PERFS. 12,133'-150'

OTIS "FERMA LACH PACKER 13,100'

MORROW PERFS. 13,175'-134'-
13,334'-339' 13,341'-352'
13,434'-442' 13,507'-609'

OTIS "WB" PACKER AT 13,695

MORROW PERFS. 13,751'-61'
13,764'-63' 13,770'-76'

FLOAT COLLAR AT 13,800'

13" 65# H-40 ST&C AT 300'
w/225 sx TLW + 5# gilsonite +
1/4# celloflakes then tailed in w/
100 sx Class C w/2% cc. Topped ou
with 50 sx Class C w/2% cc. Cmt.
fell back 8' below ground level.
Topped out with pea gravel.

10 3/4" 40.5# K-55 ST&C
AT 3325'

7 5/8" 26.4# -39.0# N-80
LT&C AT 10,903'

2 7/8" 7.9# C-75 HYDRIL
PH-6 T&G.

5" 23.20# C-75 HYDRIL SFJP
liner @ 13,845' w/650 sx Class H w/
0.8% Halad 22 + 3# KCL sx. Cmt circ.
above top of liner. Drilled cmt from
10,086' to top of liner @ 10,551'.

TOP OF CEMENT 13,675'

T.D. 13,800'