

NEWMONT OIL COMPANY

ROOM 303, FIRST NATIONAL BANK BUILDING

P. O. Box 1305

ARTESIA, NEW MEXICO 88210

December 22, 1970

NEW MEXICO  
DISTRICT OFFICE

WFX-353

Dec Jan 9

Mr. A. L. Porter, Sr.  
Secretary-Director  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Sir:

At this time, Newmont Oil Company request administrative approval to convert our Loco Hills Project Yates "A" No. 9 well to water injection. This well is completed in the Loco Hills Grayburg formation and is temporarily abandoned. It is located 990' FNL and 911' FEL of Section 6-18S-30E, Loco Hills Pool, Eddy County, New Mexico.

Reservoir analysis show that additional unrecoverable oil would be swept to other wells if this temporary abandon producer is converted to injection. We plan to inject up to approximately 1,000 barrels of water per day consisting of fresh and produced water. Injection will be down casing into the open hole interval from 2795' to 2820'.

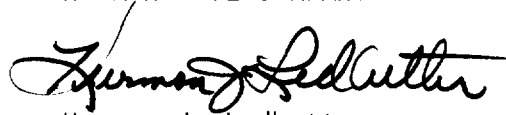
The Loco Hills Waterflood Project was authorized under Commission Order No. R-1267.

Attached is a diagrammatic sketch showing the casing size, depth set, amount of cement used, interval shot, number quarts of nitro used and total depth. Also attached is a map of the area showing the location of this well, and Form C-116.

A copy of this application has been mailed to the offset operator General American Oil Company.

Yours truly,

NEWMONT OIL COMPANY



Herman J. Ledbetter  
Division Superintendent

GME/saf

Attachments

NEWMONT OIL COMPANY  
Yates "A" No. 9

990' FNL & 911' FEL of Section 6, T-18S, R-30E  
Loco Hills Pool, Eddy County, New Mexico

Completed 7-8-47  
Elevation 3550'

Calculated top of cement @ 76'

Top of Salt 470'

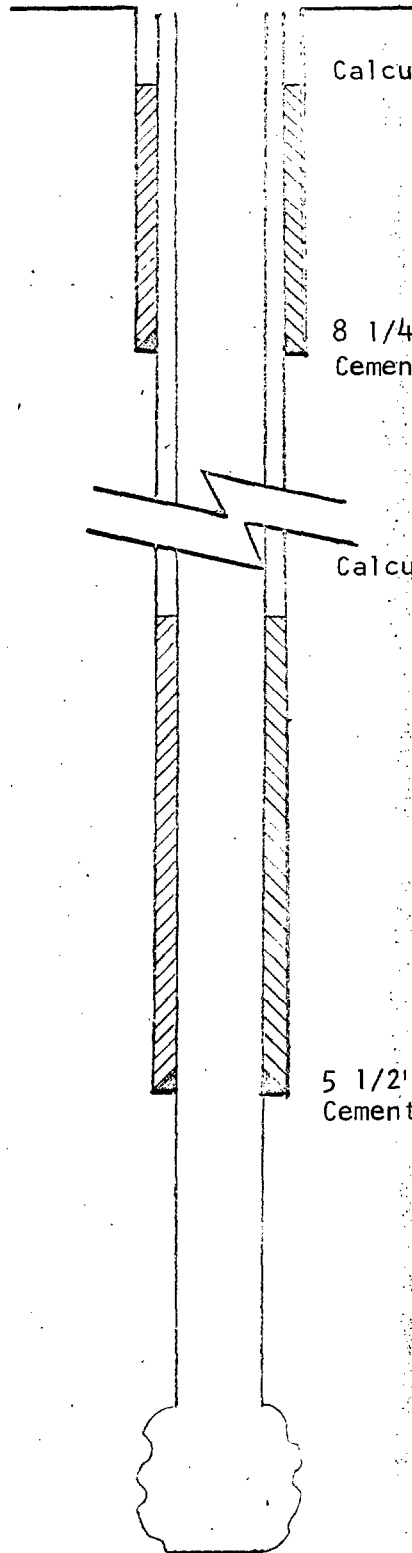
8 1/4" 28# casing set @ 470'  
Cemented with 50 sxs

Calculated top of cement @ 1881'

5 1/2" 15# casing set at 2703'  
Cemented with 100 sxs

Top of Loco Hills @ 2795'

T.D. 2825'



C-116  
Revised 1-1-65

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

DIVISION SUPERINTENDENT

12/22/70

**(Date)**