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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **New Mexico**

Lease No. LC-071949

Unit **Federal**

1992 AUG 20 9 41
CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	Completion.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 24 1962

Harris-Federal
Well No. 1 is located 660 ft. from N line and 1900 ft. from E line of sec. 27

34/4, 34/4, Sec. 27
(1/4 Sec. and Sec. No.)

35

(Twp.)

34E

(Range)

IMA

(Meridian)

Wildcat

(Field)

Lea County
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 3433 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Treated open hole interval 14,655' - 14,832' w/2000 gallons 15% NEA.
2. Recovered load.
3. On CAOF potential flowed 41 million cu. ft./day based on the following tests:

<u>Test No.</u>	<u>Time, hrs.</u>	<u>Choke Size</u>	<u>Rate BCFG/D</u>	<u>FTP, psi</u>	<u>BO</u>	<u>BW</u>
1	3	6/64"	1.550	4363		
2	4	8/64"	2.558	4262		
3	2	10/64"	3.985	4119		
4	3	14/63"	6.161	3909		
5	24	7/64"	2.644	4319	60	5

Oil Gravity 56 deg. API. Gas Gravity 0.695. GLR 43,041.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address P. O. Box 1858

Roswell, New Mexico

Original Signed By

By **R. A. Lowery** R. A. LOWERY

Title **District Exploitation Engineer**