



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Santa Fe  
Lease No. 078105  
Unit \_\_\_\_\_

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		

RECEIVED  
AUG 9 1961  
U. S. GEOLOGICAL SURVEY  
SANTA FE, NEW MEXICO

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

8-8-61

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N. M. Federal "J"

Well No. 2 is located 790 ft. from N line and 790 ft. from E line of sec. 23SE 1/4 of SE 1/4 of Sec. 23

(1/4 Sec. and Sec. No.)

T-27-N

(Twp.)

R-13-W

(Range)

MST

(Meridian)

Basin Dakota

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 5930 ft.

## DETAILS OF WORK

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

Aug 6-23-61, set 2-5/8" 32.30 csg # 305', run wire to surf, drilled to 6126', run electric logs, set 4-1/2" 11.64 csg to 6123', run w/300' on, estimated top of con 4300'.  
Perf/3812-26, 3872-60, 3894-912, w/4 shots per ft, acid-wtr free zones w/70,000 and 70,000 gal, test 15 MWH, sqz perf w/200 on con, perf/3896-3910 w/2 shots per ft, treat w/300 gal acid, found communication with old perf, sqz perf w/100 on con, cut free notch @ 3900 and 3903', free notches w/31,000 gal and 30,000 gal, test well @ 20 MWH, slight show gas, sqz free notches w/100 on con, perf/3920-21 for WSO, treat perf w/200 gal acid, communicate w/old perf, sqz perf w/0 on con, clean out to PWD 6099', test perf, csg taking fluid @ 3000 PSI, sqz csg w/100 on con, cut Abrasi-jet notch @ 3898', perf/3899-3900', break down perf w/2000 PSI, treat perf w/21,000 gal @ 16,000 ad, test 15 MWH, set CTR @ 3880' w/1 on con on plug, perf/3813 and 3817' w/2 shots, DST through csg, res 1300' salty wtr, no free gas, PB with con to 3274', perf/3177-89 w/4 bullets per ft, DST #2 interval 3100-3274, res 15' slightly salty wtr, no oil or gas.

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

Company Sunray Mid-Continent Oil Co.Address 200 Petroleum Club PlazaFarmington, New Mexico

By

Title

District Manager