

Form 9-381a  
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe, New Mex.

RECEIVED  
OCT 14 1959

	15	X

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OCT 14 1959

SUNDRY NOTICES AND REPORTS ON WELLS

U.S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	X
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.....	Notice of Completion.....	X

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

October 11, 1959

Government

Well No. 42-15 is located 1980 ft. from N line and 660 ft. from E line of sec. 15

SE NE 15  
(1/4 Sec. and Sec. No.)

25N  
(Twp.)

12W  
(Range)

N.M.P.M.  
(Meridian)

Bisti  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

Kelly Bushing

The elevation of the ~~land floor~~ above sea level is 6229 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)

- 7-26-59 Ran and cemented (4841') 4-1/2", 9.5# J-55 casing at 4850' with 150 sacks, 225 cu. ft., Portland cement treated with 4% gel. Surface temperature 90°F, formation temperature 120°F (Estimated strength after 12 hours 1200 psi). Displaced with oil. Final pressure 1800 psi.
- 7-28-59 Jet perforated four 1/2" holes/ft. 4711-31, 4744-54, 4772-81, 4788-98, 4804-13.
- 7-29-59 Spotted 200 gal. mud acid. Sand oil fractured with 50,000 gal. to crude, 1#/gal. sand and 180 rubber balls. Maximum pressure 3500, average rate 34 bbls./min.
- 7-30-59
- 7-31-59 Cleaned out frac sand 4793-4833, ran tubing to 4790'. Ran rods to and pump.
- 8-1-59

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 xx 158

W Mexico

Original signed by  
B. W. SHEPARD

By B. W. Shepard

Title Exploitation Engineer

8-2-59 Pumped and recovered all load and frac oil, 1583 bbls.  
to

9-29-59

9-30-59 Initial Production

Pumping 37 B/D gross, 37 B/D oil, 33 MCF/D gas, GOR 900,  
completed 9-30-59.