

APPROVED
Form 9-331a
(Feb. 1951)
JUL 27 1956
JERRY W. LONG
ACTING DISTRICT ENGINEER

Budget Bureau 42-R358.3.
Approval expires 12-31-55.
Santa Fe, New Mexico

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **ST 070066**
Lease No. _____
Unit _____

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	SUBSEQUENT REPORT OF WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Supplemental Report of Well Completion

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

Well No. **14-25** is located **660** ft. from **N** line and **660** ft. from **E** line of sec. **15**
S. 25 N., E. 12 W., E.N.P.M.
(Sec. and Sec. No.) (Town) (Range) (Meridian) (State or Territory)
15861 **San Juan** **New Mexico**
(Field) (County or Subdivision)

The elevation of the derrick floor above sea level is **6253.89** 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)

- 6-7 to 6-8:** Ran and cemented 5-1/2", 17#, S.T.M. casing, shoe at 4870'. Cemented with 300 sacks construction cement. Cleaned out cement to 4860', displaced mud with oil.
- 6-8 to 6-12:** Bullet perforated four 1/2" per foot 4820-4802 and 4797-4786. Broke down formation with 3800 psi. Sand-oil fractured with 1140 bbl. oil and 50,000 lbs. sand. Well had 600 psi on casing 11 hours after fracture job. Opened well, flowed 325 bbl. fracture oil, died. Set bridge plug at 4779. Bullet perforated four 1/2" holes per foot at 4776-4741'. Broke down formation with 2600 psi. Sand-oil fractured with 920 bbl. oil and 50,000 lbs. sand. Well had 700 psi on casing 7 hours after fracturing completed. Opened well and flowed 450 bbl. fracture oil, died. Set bridge plug at 4730', bullet perforated four 1/2" holes per foot 4723-4705. Could not break down formation with 4200 psi. Spotted 500 gal. mud acid

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

Company **Shell Oil Company**
Address **33 Richards Street**
Salt Lake City, Utah

By **B.W. Shepard**
Title **Exploitation Engineer**

opposite 4723-4705. Break down formation with 100 bbl. oil, first 50 bbls. mixed with Freeflow, injection pressure 2600 psi. rate 25 bbl/min. Injected 7000 gal. oil with 1 lb. of 20-40 mesh sand per gallon, 30-40 bbl/min. at 2500 psi. Injected 8000 gal. oil with 2 lbs. sand per gallon, 30-35 bbl/min. at 2500 psi. Displaced fracture oil with 125 bbl. oil and over flushed with 100 bbl. oil. Shut well in.

6-13 to 6-14: Drilled bridge plugs.

6-15: Ran 2-3/8" EHT tubing to 4742', pump shoe at 4706' and packer at 4656'.