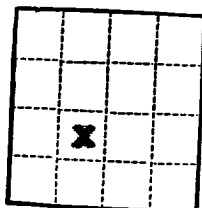


N. M. O. C. C. COPY  
(SUBMIT IN TRIPLICATE)Budget Bureau No. 43-E238.4  
Approval expires 12-31-60.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office **New Mexico**Lease No. **06814**Unit **30-015-05808**

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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		

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

**Southern-Federal**  
Well No. **4** is located **2310** ft. from **NE** line and **2278.98** ft. from **W** line of sec. **30**  
**NE 1/4 of SW 1/4, Sec. 30** **19n** **31e** **NMPM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**North Hackberry Yates** **Eddy** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3411** 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)

Propose to drill to approximately 2300' with cable tools. 10" hole will be drilled to approximately 700', where 8-5/8" csg. will be run. Mud will be circulated to top of hole, then cemented with 50 sacks cement. 8" hole will be drilled from surface pipe to T.D.

If pay encountered, 4-1/2" csg. will be run to NK T.D. Heavy mud will be circulated to surface, then cemented with 125 sacks cement.

Pay section will be treated with sand-frac for completion.

Southwestern, Inc., will be the contractor.

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

Company **PAUL E. HASKINS**Address **801 First Natl. Bank Bldg.****Midland, Texas**By **Paul E. Haskins**Title **Owner**