



3-USGS
2-Redfern
1-Phillips
1-Ohio (SUBMIT IN TRIPLICATE)
1-File

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. N.M. 613365
Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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	<input checked="" type="checkbox"/>
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)

Well No. Phillips # 1 is located 1190 ft. from [N] line and 1630 ft. from [W] line of sec. 16
NE/4 NW/4 Sec.16 28N 11W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ground above sea level is 5570 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)

Perf. w/ western jet 4 holes /ft. 6218-08, 6190-71 frac. perf. w/ 42,000 gal water, 12,500# 20-40 sd. 5 Dowell-Allisons, Break down press. 3150 Max. 3600 Min. 3100 Ave. 3400 Final 3200, Ave. Inj. Rate 43 B/M. 5 min. standing press. 700- Set mag bridge plug @ 6162 perf. w/ 4 jts/ft. 6150-6118 frac w/ 52,400 gal. water 35,000# 20-40 sd. 85 rubber balls, 5 Dowell Allisons, I.P. 2900, Max. 2900, Min. 2000, Ave. 2750, Final 2000. No press. inc. w/ rubber balls- lost two trucks when flash started. Ave. I.R. 44 B/M. Flush I.R. 20 B/M 5 min. standing press. 200#. Set Baker mag. bridge plug @ 6111-Perf w/ 4 jts. /ft. 6074-64. Frac w/ 19,908 gal. water, 12,500# 20-40 sd. 15 rubber balls 5 Dowell Allisons I.P. 3200, Ave. 2700, Max. 3200, Min. 2650, Final 2700. Ave. Inj. Rate 48 B/M. 5 min. standing press. 750#. Went in hole w/ bit-drilled bridge plugs- pushed to 6225. Ran 194 jts. 2 3/8" O.D. 4.7# J-55 8RBUE Tbg. w/ 4' perf. nipple. Otis tape G closing tool T.E. 6154-31 set @ 6163 RKB.

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

Company Redfern and Herd

Address Box 1747

Midland, Texas

By Original signed by T. A. Dugan

Title Consulting Engineer