

4-USGS  
1-EPNG-Ed Oberly  
1-D  
1-F  
Attach.

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Land Office .....

Lease No. **SF-078622**

Unit .....

Bond Federal

X			

## SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOV 29 1961

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	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

U.S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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

11/27, 1961

Well No. 2 is located 1160 ft. from N line and 960 ft. from E line of sec. 13

NW/4 NW/4 Sec. 13

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

26N

(Twp.)

8W

(Range)

NMPM

(Meridian)

Ballard P.C. Ext. &  
Basin Dakota

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 6259 ft. G.L.

## 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)

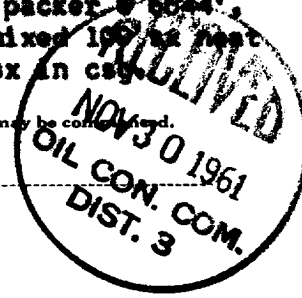
10-29-61 - Moved on completion tools, drld. DV tool @ 2254' CO to 6710, tested casing to 3800# OK. Spotted 500 gals. 7 1/2" MCA. Perf. 6624-30, 6637-39, 6650-62, 6678-86 w/3BPF - SWF w/20,000# 40-60 sd & 40,000# 20-40 sd. 54,400 gals. wtr gelled w/600# WG-4. Acid BD 3300-2200, treating pressure 3300-2650 ATP 2800# - Dropped 20 balls w/500# press. increased rate to 38.4 BPM w/6 pumps ISI 1900#. Perf. 6608-14 w/4BPF & 6564-86, 6500-12 w/2BPF. SWF w/40,000# 20-40 sd, 34,900 gals. gelled wtr. MTP 3500-2700, ATP 2800, dropped 20 balls increased rate to 43.1 BPM - ISI 2000#. WIH with Guiberson packer, circulated sd from 6618-6705, set packer @ 6452- Swabbing.

11-3-61 - Swabbing & flowing, making dist. Loaded tbq. circulated out to 6705 - Set Baker-full bore packer @ 6619, established communications - re-set packer @ 6644', no communications. Re-set pkr. @ 6269, squeezed perfs. 6500-6686, mixed 10% 100 mesh 1% calcium chloride 1% Haled #9, squeezed 85 sx to 3500#, left 15 sx in csg.

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

Company Southwest Production CompanyAddress 207 Petr. Club PlazaFarmington, New MexicoOriginal signed by  
Carl W. Smith

By .....

Title Superintendent

Bond #2 continued -

11-4-61 - Drld. cement 6325 - 6713, pressure test squeeze w/3500#. Set Guiberson pkr. @ 6671. Staged 500 gals. 7½% MCA w/pressure break to 3500# @ 3/BPM. SWF w/10,000# 40-60 sd & 10,000# 20-40 sd, 36,100 gals. gelled wtr. MTP 3500-3400#, rate 36.5 BPM ISI 2850, 5 MSI 2400#. Set Guiberson cast iron bridge plug @ 6668. Perf. 6650-62 w/4JPF. SWF w/10,000# 40-60 & 10,000 20-40 sd, 26,800 gals. gelled wtr. MTP 3700-3600# rate 23.5 BPM, ISI 3100, 5 MSI 2550. Perf. 6608-14, 6564-86, 6500-12 w/4JPF. SWF w/20,000# 20-40 sd, 15,600 gals. gelled wtr. MTP 2900-2500 rate 33.4 BPM, ISI 1900#, 5 MSI 1600# S.I. 3 hrs. drld. bridge plug @ 6668, CO to 6712. Well unloaded WIH w/Guiberson pkr. set @ 6473, cleaned well.

11-9-61 - Set Baker Modle D pkr. @ 6477, perf. 2202-14 w/4JPF. SWF w/20,000# 20-40 sd, 10,000# 10-20 sd, 36,300 gals. gelled wtr. BD 3000#, MTP 2200-1500, ISI 1000, 5 MSI 900#, rate 44.2 BPM.

11-10-61 - WIH w/Guiberson pkr. set @ 2185, tbq. depth 2218, swabbed in. POH w/pkr. WIH w/Baker stinger, washed sd off pkr. 6400-80, pushed plug out. Ran 201 jts. 1½" tbq. set @ 6678'. Ran 67 jts. 1" set @ 2219. Removed blow out preventor, installed well head. Removed pump out plug, both zones flowing. Completion rig released 11-12/61.



- mention of food

11-10-61 - 11N w/Outberson pkr. set @ 2185', top. depth 2315', swapped in. 2000 w/475'. 11N  
 w/Outberson stringer, washed sd off pkr. 6400-60', pushed plug out. Ran 201 lbs. 1/2" dia.  
 set @ 6078'. Ran 67 lbs. to set @ 2319'. Removed blow out preventor, installed well head.  
 Removed pump out plug, both zones flowing. Completion rig released 11-19-61.  
 rate 44.2 BPM.  
 10.000% 10-20 sd, 38,300 gals. called wtr. HP 3000#, MTP 3000-1500, 121 1000', 121 1000'.  
 11-9-61 - Set Baker Model D pkr. @ 6475', cent. 2302-14 w/475'. SWF w/30,000% 10-40 sd,  
 set @ 6473, cleaned well.  
 8.1. 3 hrs. drid. bridge plug @ 6662, CO to 6712. Well unloaded with w/Outberson pkr.  
 10-40 sd, 15,800 gals. called wtr. MTP 2900-2500 rate 32.4 SWF, 121 1000', 121 1000'.  
 63.5 BPM, 121 3100, 121 3100. Perf. 6602-14. 6664-80, 6700-19 w/475'. SWF w/30,000%  
 248 w/10,000% 40-60 & 10,000 20-40 sd, 30,800 gals. called wtr. MTP 3700-3600 rate  
 121 2850, 121 2400#. Set Outberson cast iron bridge plug @ 6658. Perf. 6650-62 w/475'.  
 40-60 sd & 10,000% 20-40 sd, 36,100 gals. called wtr. MTP 3500-3400#, rate 36.1 BPM  
 @ 6471. Staged 500 gals. 1/2" dia. w/pressure break to 3500# @ 3475M. SWF w/10,000%  
 11-4-61 - Trial cement 6025 - 6712, pressure test souxex w/3500#. Set Outberson pkr.

