

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office **Santa Fe**  
Lease No. **SF 078115**  
Unit **Granier**

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	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

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

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

July 17

19 62

**Granier**  
Well No. **11** is located **1685** ft. from **[N]** line and **1760** ft. from **[W]** line of sec. **13**  
**N. 1/4 Section 13** **T-31N R-12W N.M.P.M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Basin Dakota** **San Juan** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6172** 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)

Total depth-7407' P.B.T.D.-7364'  
Ran logs: top of Pictured Cliffs-2732, Cliff House-4220, Point Lookout-4972  
Gallup-6335, Greenhorn-7043, Graneros-7095, Dakota-7230  
Perforated with 4 shots per ft.- 7158-72, 7250-74, 7296-7306, 7435-30  
Ran 232 jts., 7396' of 4 1/2" casing, landed at 7407' DV- 53267  
Cemented 1st stage with 250 sx., 2nd stage with 575 sx.  
Tested 2 hrs., with 500# pressure  
Pipe Okay.

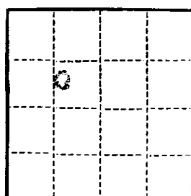


I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Astec Oil & Gas Company**

Address **Drawer # 570**  
**Farmington, New Mexico**

ORIGINAL SIGNED BY JOE C. SALMON  
By **Joe C. Salmon**  
Title **District Superintendent**



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Santa Fe  
Lease No. OF 076115  
Unit Greiner

RECEIVED

JUL 21 1962

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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NOTICE OF INTENTION TO ABANDON WELL.....		

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

July 30, 1962, 19

Greiner  
Well No. 11 is located 1600 ft. from N line and 1760 ft. from W line of sec. 13  
Section 13 (1/4 Sec. and Sec. No.) T-11N (Twp.) R-12E (Range) N.M.P.M. (Meridian)  
Basin Dakota (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6172 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)

P.B.T.D.- 7364'  
sand-water fraced with 69,000 gals. water, 55,000 sand,  
Breakdown pr.- 2600  
Avg. treating pr.- 2700  
Max. treating pr.- 3200  
Avg. I.R.- 37 bpm  
dropped 50 rubber ball sealers, flushed with 150 bbls.  
Instant shut in-1100  
5 min. shut in pr.-750  
Ran 225 jts., 7127' of 2 3/8" tubing, landed at 7137'  
Shut in for gauge.



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

Company Aster Oil & Gas Company  
Address Drewer # 570  
Farmington, New Mexico  
By ORIGINAL SIGNED BY JOE C. SALMON  
Joe C. Salmon  
Title District Superintendent


LOCATE WELL CORRECTLY

Form approved.  
Budget Bureau No. 42-R355.4.U. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT  
Greiner

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Greiner Address Drawer 10, Farmington, N.M.  
Lessor or Tract Greiner Field Basin Dakota State New Mexico  
Well No. 11 Sec. 13 T. 31N R. 12W Meridian N.M.P.M. County San Juan  
Location 1685 ft. N. of Line and 1760 ft. E. of Line of Section 13 Elevation 6172 G.L.  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ORIGINAL SIGNED BY JOE C. SIMONDate July 30, 1962 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 5/6/62, 19\_\_\_\_ Finished drilling 7/11/62, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 715 to 712 (G) No. 4, from 735 to 736 (G)  
No. 2, from 7250 to 7274 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 729 to 7306 (G) No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
1 1/2	11.5	8	J-55	712					
1 1/2	11.5	8	J-55	7274					
2 3/8	4.7	8	J-55	7306					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	320	240	displacement		
1 1/2	7407	325	two plug		
2 3/8	7137	--			

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-water fraced with 50,000 gals. water, 50,000 sand, breakdown pr.-2500						
Avg. treating pr.-2700, Max. treating pr.-3200, Avg. I.R. - 37 bpm dropped 50 rubber						
ball sealers, flushed with 150 bbls. Instant shut in-1100, 2 in. shut in-750						

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 7407 feet, and from \_\_\_\_\_ feet to 7364 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours AGF-4093 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 1922

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	325	325	surface
325	552	227	sand and shale
552	1076	526	shale
1076	1492	414	sand and shale
1492	1636	344	sand and shale
1636	2190	354	shale
2190	2535	345	sand and shale
2535	3179	644	sand and shale
3179	3249	70	sand and shale
3249	3554	305	shale
3554	3905	351	sand and shale
3905	4290	385	sand and shale
4290	4524	234	sand and shale
4524	4768	244	sand and shale
4768	5035	267	sand and shale
5035	5413	378	sand and shale
5413	5727	314	sand and shale
5727	6566	839	sand and shale
6566	6633	267	sand and shale
6633	6885	52	shale
6885	7140	255	sand and shale
7140	7271	131	sand and shale
7271	7306	35	sand
7306	7340	34	sand and shale
7340	7361	21	sand
7361	7407	46	OVERHAND and shale

FORMATION RECORD—Continued