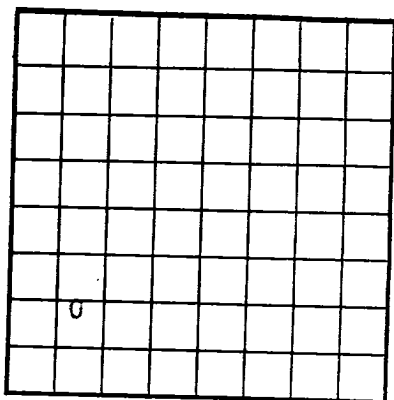
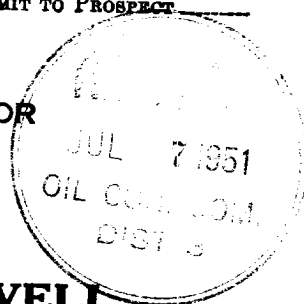




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New MexicoSERIAL NUMBER 078439

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Alph A & Wm G Johnston Address 1453 Esperson Bldg, Houston, Texas
Lessor or Tract United States Field Blanco State New Mexico
Well No. 1 Sec. 12 T. 30N R. 9W Meridian NM1 M County San Juan
Location 990 ft. {N.} of S. Line and 990 ft. {E.} of W. Line of Sec 12 Elevation 5843
(Denote foot 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.

Date July 3, 1951Signed [Signature]
Title Field Superintendent

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

Commenced drilling Feb 17, 1951 Finished drilling May 27, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2617 to 2700 F.C. No. 4, from _____ to _____
No. 2, from 4345 to 4480 CH No. 5, from _____ to _____
No. 3, from 4790 to 4965 F1 O. No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 814 to 922 No. 3, from _____ to _____
No. 2, from 960 to 1070 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—	
9 5/8	24	weld	Sprl	256	Guide	None			
7 1/2	23	8	55	4041	Guide				
			55		float	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	265	300	Halliburton		
7	4350	10	Halliburton		

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
	530 qts	glycerine	4362-4498			

TOOLS USED

Rotary tools were used from 0 feet to 5005 feet, and from _____ feet to _____ feet
Cable tools were used from 4208 feet to 4426 feet, and from _____ feet to _____ feet

DATES

6/21/51, 19____ 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 1,350,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	85	85	Sand
85	223	138	sandy shale
223	265	42	sand & shale
265	417	152	Shale
417	743	326	shale & sand
743	1280	537	sand & shale
1280	1350	70	sand & chert
1350	1371	21	shale & Sand
1371	1463	92	sand shale
1463	1583	120	sandy shale
1583	1678	95	shale & sand
1678	1738	60	sand & shale
1738	2188	450	shale & sand
2188	2329	141	sand, shale
2329	2614	285	shale, sand & coal
2614	2729	115	shale, sand
2729	2809	80	shale & sand
2809	2832	23	sand & shale
2832	2939	107	shale, sand
2939	3037	98	shale
3037	3104	67	shale & sand
3104	3189	85	shale, sand

(OVER)

LOCATED CORRECTLY

UNITED STATES

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "detached" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

3-14-51: set 7" casing @ 4350 cemented with 100 sacks, good circulation all the way.
Tested pipe with 900# 1/2 hour, rotary moved off.
3-22-51: moved cable tools in, drilled plug, cleaned out to 4500.
3-26-51: shot with 530 qts 4362-4498; gate seal 4355-4360; sal seal 4355-4318 by rotary measurement, hole loaded to top water, shot went off, cal seal casing 1680 and 2180 by shot and broke in 7 places 1200 to 2190. Swaged out casing, moved cable tools 0
4-3-51: set up rotary rig to cut out and replace pipe, cut casing 2195. Pulled 7" and replaced with 2195 feet J 55 23# snolas and 1-7/8" x 168" Homco casing below. Tested casing with water 1280@ - 30 min, 1290# moved rotary out.
5-8-51: Set in cable tools to swedge 7" collapsed casing from 4310 to 4350 caused by shot. Swaged on casing from 5/6 5/27/51 unable to swedge casing out to get bailer down.
5-27-51: Shot collapsed casing causing walling out from 4308 to 4318. Unable to get bailer to follow after swedging after shot. Finished drilling.
5-27-51: shot casing pack shot 80 qt 4291 to 4312. Lane Wells bridging I tub. 4288-90 Sand pack 4286-4200; cleaned out to 4316
6-14-51: Cemented casing hole 4310 to 4250 with 65 sacks of Ideal S/o set tested 600# after drilling plug - 1/2 hour no leaks. Drilled 4328, Bailed hole to 3600, well unloaded.
6-18-51: Well came in producing water at 1600 ft. The well and all work done there in 6-21-51: Run 4291, 2" tubing after running tubing on 6 hour test well tested 1350 cu (et) 25+ outputting 7280# on casing.
Well No. _____
Location _____
Section _____ T. _____ R. _____
County _____
State _____
Address _____

HISTORY OF OIL OR GAS WELL

16-43084-1 U. S. GOVERNMENT PRINTING OFFICE

MUNICIPALITY OF ALABAMA					
SHOOTING RECORD					
	Date	Quantity	Depth shot	Depth returned on	
TOOLS USED					
To produce gas from ... feet to ... feet and from ... feet to ... feet					
DATES					
From producing ... Pet to producing ...					
The production for the first 24 hours was ... barrels of field oil which ... was oil ...					
It has been found in per 24 hours ... Gallons gasoline per 1,000 cu ft. of gas ... Gravity .83 ...					
EMPLOYEES					
Driller ... Driller ...					
FORMATION RECORD					
FROM-	TO-	TOTAL FEET	FORMATION		
9189	3243	5946	shale		
3243	3343	100	shale & sand		
3343	3438	95	sand, shale		
3438	3496	58	shale		
3496	3672	176	shale & sand		
3672	3723	51	shale		
3723	3783	60	sand & shale		
3783	3850	67	sandy shale		
3850	3913	63	shale, sand		
3913	4203	290	sand & shale		
4203	4240	37	black sand & shale		
4240	4466	226	sand and shale		
4466	4516	49	sand, shale, coal		
4516	4603	88	sand and shale		
4603	4834	231	sand, shale, coal streaks		
4834	4878	40	shale & sand		
4878	4973	95	sand		
4973	5005	32	sand & shale		