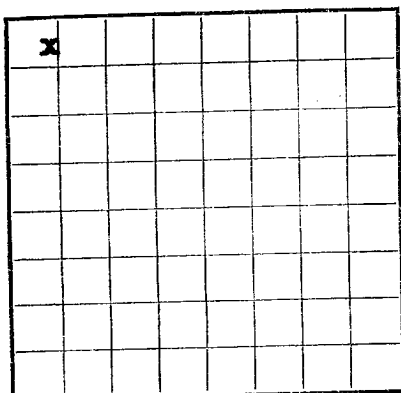


Form 9-330

MOBBS

U. S. LAND OFFICE New MexicoSERIAL NUMBER 0 6413

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cactus Drilling Company Address Ex 1826, Hobbs, N. Mex
Lessor or Tract Featherstone Federal Field Pearl Queen State N. Mexico
Well No. 3 Sec. 6 T. 20 R. 35 Meridian NMPM County Lea
Location 330 ft. N. of N. Line and 660 ft. E. of W. Line of Sec. 6 Elevation 3696
(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 Geo. W. BakerDate July 2, 1962Title Vice President

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

Commenced drilling 4-9, 1962 Finished drilling 6-17, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4940 to 4950 No. 4, from 4950 to 4960
No. 2, from 4960 to 4970 No. 5, from 4970 to 4980
No. 3, from 4980 to 4990 No. 6, from 4990 to 5000

IMPORTANT WATER SANDS

No. 1, from 4060 to 4075 No. 3, from 4075 to 4090
No. 2, from 4620 to 4640 No. 4, from 4640 to 4650

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	43.7	8 RT	J-55	205	TP				
8-5/8	24.7	8 RT	J-55	1860	TP				
7	23.7	8 RT	J-55	4614	TP				
5-1/2	21.5	8 RT	J-55	376	Baker	4940	4950		Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	205'	200 ex	Halliburton		Circulated
8-5/8	1860	set			mudded in & pulled
7	4614	100 ex	Halliburton		
5 1/2	4990	3.5 ex			

PLUGS AND ADAPTERS

Heaving plug—Material Baker BP Length Tex Pat Depth set 4990Adapters—Material wireline plug w/2 sx cement on top

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 1860 feet, and from 1860 feet to 4990 feetCable tools were used from 1860 feet to 4990 feet, and from 4990 feet to 5030 feet

DATES

Put to producing June 24, 1962The production for the first 24 hours was 50 barrels of fluid of which 100% was oil; no% emulsion; no% water; and 2/10% sediment. Gravity, °Bé. 2/10If gas well, cu. ft. per 24 hours 2/10 Gallons gasoline per 1,000 cu. ft. of gas 2/10Rock pressure, lbs. per sq. in. 2/10

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION TOPS	
0	1890	1890	Sand, Red Bed	Anhy 1890
1890	1985	95	Anhy	Salt 1985
1985	3388	1403	Salt	Base Salt 3388
3388	3580	192	Anhy	Yates 3580
3580	3900	320	Sand w/Anhy Strgrs	Queen 4610
3900	4110	210	Sand w/Dolo	Penrose 4938
4110	4360	250	Dolo	
4360	4450	90	Sand	
4450	4610	160	Dolo w/Sand Strgrs	
4610	4685	75	Sand	
4685	4900	215	Dolo w/Sd Strgrs	
4900	5030 (TD)	130	Sd w/Dolo	

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Name _____ Address _____
Field _____
Location _____
The following is a log of the well and contains a record of the work done and the results of the tests made. It is to be used as a permanent record of the well and its history.

Well spudded 4/9/62 3:30 PM. Hole 17 1/2' hole. Ran 200' 13-3/8" casing, 4 1/2" arms cemented w/200 ex. cement to surf. Set 24 hr and tested to 500# w/no drop pres. In 1 hr. Dried plug w/11" drill to 1860' and mudded in 1860' 0-5/8" 355 2 1/2' casing tested 2 hr. No mud or water. Dried 8' hole to 4716' Ran 150' 2 1/2" casing 155 Cas 4714' Com w/100 ex Reg. Neat WOC 48 Hr Tested 2000# No drop Pres. 1 hr. Dried Com & Plug Test 1 Hr w/No Water or Mud. Dried 6 1/4" Hole to 4990' Ran 376' 5-1/2" OD 15.50# J-55 & RT Csg, set 414-4990' w/35 ex latex Com Cem Shoe @ 4990'. Set WOC 48 Hr and Swabbed Hole Clean. Tested w/3000# Pres. w/No Drop 1 Hr. Dried Plug & Shoe to 4990' Test 1 Hr No W. or Mud. Dried and to 5030 TD. Set Br. Plug 4990 w/2 ex. Perf 4940-4950 w/4 Sht Br Lt. Frac Treated and Swabbed as Production of 50 Bbl N.O.

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 extracted, or left in the well, give date 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.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
4940	4950	10	Shale
4950	4960	10	Shale
4960	4970	10	Shale
4970	4980	10	Shale
4980	4990	10	Shale
4990	5000	10	Shale
5000	5010	10	Shale
5010	5020	10	Shale
5020	5030	10	Shale
5030	5040	10	Shale
5040	5050	10	Shale
5050	5060	10	Shale
5060	5070	10	Shale
5070	5080	10	Shale
5080	5090	10	Shale
5090	5100	10	Shale
5100	5110	10	Shale
5110	5120	10	Shale
5120	5130	10	Shale
5130	5140	10	Shale
5140	5150	10	Shale
5150	5160	10	Shale
5160	5170	10	Shale
5170	5180	10	Shale
5180	5190	10	Shale
5190	5200	10	Shale
5200	5210	10	Shale
5210	5220	10	Shale
5220	5230	10	Shale
5230	5240	10	Shale
5240	5250	10	Shale
5250	5260	10	Shale
5260	5270	10	Shale
5270	5280	10	Shale
5280	5290	10	Shale
5290	5300	10	Shale
5300	5310	10	Shale
5310	5320	10	Shale
5320	5330	10	Shale
5330	5340	10	Shale
5340	5350	10	Shale
5350	5360	10	Shale
5360	5370	10	Shale
5370	5380	10	Shale
5380	5390	10	Shale
5390	5400	10	Shale
5400	5410	10	Shale
5410	5420	10	Shale
5420	5430	10	Shale
5430	5440	10	Shale
5440	5450	10	Shale
5450	5460	10	Shale
5460	5470	10	Shale
5470	5480	10	Shale
5480	5490	10	Shale
5490	5500	10	Shale
5500	5510	10	Shale
5510	5520	10	Shale
5520	5530	10	Shale
5530	5540	10	Shale
5540	5550	10	Shale
5550	5560	10	Shale
5560	5570	10	Shale
5570	5580	10	Shale
5580	5590	10	Shale
5590	5600	10	Shale
5600	5610	10	Shale
5610	5620	10	Shale
5620	5630	10	Shale
5630	5640	10	Shale
5640	5650	10	Shale
5650	5660	10	Shale
5660	5670	10	Shale
5670	5680	10	Shale
5680	5690	10	Shale
5690	5700	10	Shale
5700	5710	10	Shale
5710	5720	10	Shale
5720	5730	10	Shale
5730	5740	10	Shale
5740	5750	10	Shale
5750	5760	10	Shale
5760	5770	10	Shale
5770	5780	10	Shale
5780	5790	10	Shale
5790	5800	10	Shale
5800	5810	10	Shale
5810	5820	10	Shale
5820	5830	10	Shale
5830	5840	10	Shale
5840	5850	10	Shale
5850	5860	10	Shale
5860	5870	10	Shale
5870	5880	10	Shale
5880	5890	10	Shale
5890	5900	10	Shale
5900	5910	10	Shale
5910	5920	10	Shale
5920	5930	10	Shale
5930	5940	10	Shale
5940	5950	10	Shale
5950	5960	10	Shale
5960	5970	10	Shale
5970	5980	10	Shale
5980	5990	10	Shale
5990	6000	10	Shale