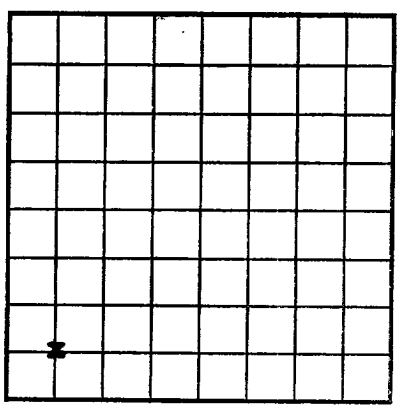
Form 9-330

U. S. Land Office Las Cruces
Serial Number 061400
Lease or Permit to Prospect Beard Uni



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address Box 791, Midland, Texas
Lessor or Tract McCormick Field Wildcat State New Mexico
Well No. 1 Sec. 18 T. 25S R. 35E Meridian N.M.P.M. County Lea
Location ____ ft. {N./S.} of ____ Line and ____ ft. {E./W.} of ____ Line of ____ Elevation ____ (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 /s/ J. L. Williams
Date April 1, 1949 Title Geologist

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

Commenced drilling Feb. 2, 1949 Finished drilling March 24, 1949

OIL OR GAS SANDS OR ZONES (None)

(Denote gas by G)

No. 1, from ____ to ____ No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS (None)

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 From—	Perforated To—	Purpose
13-3/8"	27.28	8 rd.	Armco	320	Howco				Surface
8-5/8"	32	8 rd.	Sms	1234.1	Howco				Salt

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	336.75	300	Halliburton		
8-5/8"	1234.20	565	"		

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

TOOLS USED

Rotary tools were used from Surface feet to 7020 feet, and from ____ feet to ____ feet
Cable tools were used from None used feet to ____ feet, and from ____ feet to ____ feet

DATES

Put to producing Plugged & Abandon, 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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. ____

EMPLOYEES

P. Barnes, Driller P. L. Boyd, Driller
R.B. Richardson, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Caliche
10	60	50	Coarse grained red sandstone
60	80	20	Shaly red sandstone
80	100	20	Sandy red shale
100	120	20	Very coarse limy sandstone
120	320	200	Coarse red sandstone and shaly sandstone
320	907	587	Red sandy shale
907	940	33	White anhydrite (top Rustler 907)
940	970	30	White anhydrite and red & green shale sandstone
970	990	20	White anhydrite
990	1020	30	Anhydrite and sandy anhydritic dolomite
1020	1042	22	White anhydrite
1042	1130	88	Salt (Top Salado 1042)
1130	1150	20	Anhydrite
1150	1170	20	Salt
1170	1180	10	Anhydrite
1180	1200	20	Salt
1200	1210	10	White and grey anhydrite
1210	1290	80	Tan-grey porous dolomite
1290	1320	20	Salt
1320	1335	15	Anhydrite
1335	1340	5	Salt
1340	1400	60	Red shaly sandstone
1400	1430	30	Salt
1430	1440	10	Anhydrite

(OVER)

FOLD | MARK

5—6746

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1440	1470	30	Salt
1470	1480	10	Anhydrite
1480	1500	20	Salt
1500	1510	10	Anhydrite
1510	1690	180	Salt and polyhalite
1690	1730	40	Salt and polyhalite w/streaks of anhydrite
1730	1750	20	Salt
1750	1800	50	Salt & Polyhalite w/streaks of anhydrite
1800	1850	50	Salt
1850	1875	25	Anhydrite
1875	2035	160	Salt
2035	2050	15	Anhydrite
2050	2080	30	Salt & polyhalite w/streaks of anhydrite
2080	3340	1260	Salt
3340	3380	40	Salt with streaks of anhydrite
3380	3400	20	Salt & polyhalite with streaks of anhydrite
3400	3535	135	Salt
3535	3570	35	Anhydrite
3570	3805	235	Salt
3805	4575	770	White anhydrite (Top of Castile 3805)
4575	4685	110	Salt
4685	4710	25	Anhydrite
4710	4775	65	Salt
4775	4920	145	Anhydrite
4920	5165	245	Salt
5165	5265	100	Anhydrite and limy anhydrite
5265	5280	15	Grey brown anhydritic limestone
5280	5415	135	Dark brown limy banded anhydrite
5415	5445	30	Grey grown anhydritic limestone
5445	5466	21	White anhydrite
5466	5483	27	Black limy shale (Top Delaware "Limestone" 5466)
Cored 5483	5494	11	Recovered 10.5' black shaly limestone
" 5494	5510	16	Recovered 17' 5494-5509 black shaly sandstone
" 5510	5518	8	Grey fine grain sandstone
5518	5680	162	Grey fine-medium grain sandstone
5680	5745	65	Grey shaly medium grained sandstone
5745	5760	15	Grey medium grain sandstone
5760	5780	20	Grey shaly medium grain sandstone
5780	5900	120	Grey medium grain sandstone
5900	5910	10	Black shale
5910	5922	12	Black shale & medium grain sandstone
5922	6360	438	Grey medium grain sandstone
6360	6450	90	Brown limestone
6450	6465	15	Tan limestone with streaks of black shale
6465	6580	115	Grey medium grain sandstone
6580	6665	85	Brown finely crystalline limestone.
6665	7020	355	Grey medium grain sandstone

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HISTORY OF OIL OR GAS WELL

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, 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.