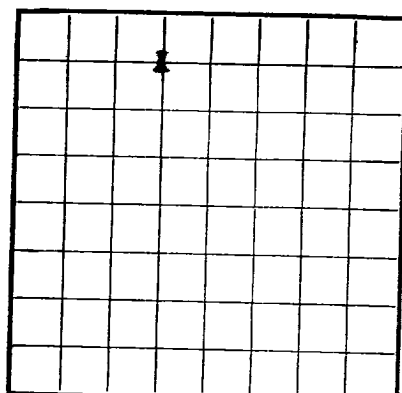


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 030556 b
LEASE OR PERMIT TO PROSPECT Lease.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Dunice, New Mexico
Lessor or Tract Stevens B-20 Field Jalpat State New Mexico
Well No. 1 Sec. 20 T. 23S R. 36E Meridian NMPH County Lea
Location 660 ft. S. of N Line and 1980 ft. E. of W Line of Sec. 20 Elevation 3442'
(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 _____

Date 1-28-58 Title District Superintendent

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

Commenced drilling 11-12, 1957 Finished drilling 11-25, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3630' to 3720' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
8 5/8	24 1/2	8 rd	J-55	373'	Guide				
5 1/2	17 1/2	8 rd	J-55	372'	Plug		3630'	3720'	Production
							3705'	3720'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	380'	300	Pump & Plug		
5 1/2	3727'	128 1/2	Pump & Plug		

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 0 feet to 3728 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 1-5, 1958The production for the first 24 hours was 70 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 29

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

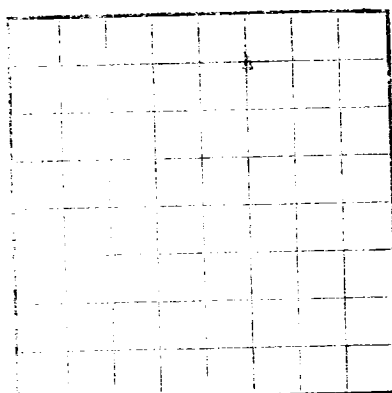
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1542	1542	Redbeds
1542	1670	128	Anhydrite
1670	3360	1690	Salt
3360	3524	164	Dolomite
3524	3728	204	Dolomite and sand

TD Dolo and Sand 3728', DOD 3727', IP 10', elev 3442' DF. Pay Yates 3630-3720'. Casing point 5 1/2" at 3727'. Perf 3630-64', 3705-20'. IP flowed 61 bbls 29 gravity oil, no water, in 21 hrs, 14/64" choke, TP 175#, GP 400#, DOR 70 bbls w/105# oil gas, COR 1500, estimated daily allowable 37 bbls oil. Treated w/2000 gals 15% ISTNE acid, sandfraced w/40,000gals crude, 40,000# sand, and 3000# Adomite. P. L. Conn: Cactus Petroleum, Inc. Drilling started 11-12-57, completed 11-25-57, rig released 11-26-57, tested 1-5-58. Tops: Anhydrite 1542', Salt 1670', Base of Salt 3360', Yates 3524'. Roy H. Smith Drilg Co, Contractor.

Tops by R/A log.



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

State of _____
County of _____
Section _____
Range _____
Township _____

Company _____
Lessor or Owner _____
Well No. _____
Location _____
The information given herein 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 _____
The summary on this page is for the entire well and is not to be used for any other purpose.
Commenced drilling _____

NO. 1 SANDS OR STOPS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

DRILLING RECORD

Drill _____
To _____
Purpose _____

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.

HISTORY OF OIL OR GAS WELL

LOG NO. 1

FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravelly sand
10	20	20	Gravelly sand
20	30	30	Gravelly sand
30	40	40	Gravelly sand
40	50	50	Gravelly sand
50	60	60	Gravelly sand
60	70	70	Gravelly sand
70	80	80	Gravelly sand
80	90	90	Gravelly sand
90	100	100	Gravelly sand
100	110	110	Gravelly sand
110	120	120	Gravelly sand
120	130	130	Gravelly sand
130	140	140	Gravelly sand
140	150	150	Gravelly sand
150	160	160	Gravelly sand
160	170	170	Gravelly sand
170	180	180	Gravelly sand
180	190	190	Gravelly sand
190	200	200	Gravelly sand
200	210	210	Gravelly sand
210	220	220	Gravelly sand
220	230	230	Gravelly sand
230	240	240	Gravelly sand
240	250	250	Gravelly sand
250	260	260	Gravelly sand
260	270	270	Gravelly sand
270	280	280	Gravelly sand
280	290	290	Gravelly sand
290	300	300	Gravelly sand
300	310	310	Gravelly sand
310	320	320	Gravelly sand
320	330	330	Gravelly sand
330	340	340	Gravelly sand
340	350	350	Gravelly sand
350	360	360	Gravelly sand
360	370	370	Gravelly sand
370	380	380	Gravelly sand
380	390	390	Gravelly sand
390	400	400	Gravelly sand
400	410	410	Gravelly sand
410	420	420	Gravelly sand
420	430	430	Gravelly sand
430	440	440	Gravelly sand
440	450	450	Gravelly sand
450	460	460	Gravelly sand
460	470	470	Gravelly sand
470	480	480	Gravelly sand
480	490	490	Gravelly sand
490	500	500	Gravelly sand
500	510	510	Gravelly sand
510	520	520	Gravelly sand
520	530	530	Gravelly sand
530	540	540	Gravelly sand
540	550	550	Gravelly sand
550	560	560	Gravelly sand
560	570	570	Gravelly sand
570	580	580	Gravelly sand
580	590	590	Gravelly sand
590	600	600	Gravelly sand
600	610	610	Gravelly sand
610	620	620	Gravelly sand
620	630	630	Gravelly sand
630	640	640	Gravelly sand
640	650	650	Gravelly sand
650	660	660	Gravelly sand
660	670	670	Gravelly sand
670	680	680	Gravelly sand
680	690	690	Gravelly sand
690	700	700	Gravelly sand
700	710	710	Gravelly sand
710	720	720	Gravelly sand
720	730	730	Gravelly sand
730	740	740	Gravelly sand
740	750	750	Gravelly sand
750	760	760	Gravelly sand
760	770	770	Gravelly sand
770	780	780	Gravelly sand
780	790	790	Gravelly sand
790	800	800	Gravelly sand
800	810	810	Gravelly sand
810	820	820	Gravelly sand
820	830	830	Gravelly sand
830	840	840	Gravelly sand
840	850	850	Gravelly sand
850	860	860	Gravelly sand
860	870	870	Gravelly sand
870	880	880	Gravelly sand
880	890	890	Gravelly sand
890	900	900	Gravelly sand
900	910	910	Gravelly sand
910	920	920	Gravelly sand
920	930	930	Gravelly sand
930	940	940	Gravelly sand
940	950	950	Gravelly sand
950	960	960	Gravelly sand
960	970	970	Gravelly sand
970	980	980	Gravelly sand
980	990	990	Gravelly sand
990	1000	1000	Gravelly sand