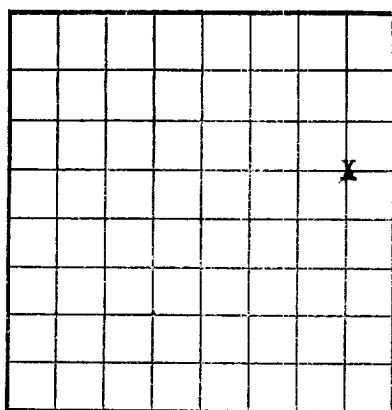


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **031695 (b)**
LEASE OR PERMIT TO PROSPECT **Lease**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box CC, Hobbs, New Mexico**
Lessor or Tract **Warren Unit B-29** Field **Warren-McKee** State **New Mexico**
Well No. **1-S*** Sec. **29** T. **20S** R. **38E** Meridian **NMPM** County **Lea**
Location **1980t. {XX S.}** of **N** Line and **660 ft. {XX W.}** of **E** Line of **Section 29** Elevation **3548**
(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 **E. L. Shaffer**
Date **November 30, 1950** Title **District Superintendent**

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

Commenced drilling **July 17**, 19 **49** Finished drilling **November 7**, 19 **49**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** to 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—	
13 3/8	48 1/2	8		250	Guide				
9 5/8	36 1/2	8		2883	Guide	470'			
					Shoe & Float Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	261	250	Pump & Plug		
9 5/8	2874	500	Pump & Plug		

For plugging data see reverse side.

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
		None				

TOOLS USED

Rotary tools were used from **0** feet to **9852** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Plugged & Abandoned September 25, 19 **50** 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ***Drilled as Well No. 1**

EMPLOYEES

Glenn Strange, Driller **B. H. Gaston**, Driller
A. U. Cagle, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1300	1300	Surface sands & Red Bed
1300	1430	130	Shale & Sand
1430	2340	910	Anhydrite & Shale
2340	2370	30	Anhydrite, Shale & Salt
2370	2570	200	Shale & Salt
2570	2860	290	Anhydrite & Shale
2860	2970	110	Dolomite & Anhydrite
2970	3080	110	Anhydrite
3080	3200	120	Dolomite & Anhydrite
3200	3720	520	Dolomite, Anhydrite & Shale
3720	3940	220	Dolomite & Anhydrite
3940	5360	1420	Dolomite
5360	5450	90	Lime & Dolomite
5450	5720	270	Dolomite
5720	5820	100	Dolomite & Sand
5820	5940	120	Dolomite & Anhydrite
5940	6395	455	Dolomite
6395	6430	35	Dolomite & Sand
6430	6825	395	Dolomite
6825	6995	170	Lime & Dolomite
6995	7050	55	Lime
7050	7115	65	Lime & Shale
7115	7205	90	Lime & Dolomite
7205	7340	135	Dolomite
7340	7515.0	1775	Lime & Dolomite

(OVER)

FORMATION RECORD Continued

Current plugs were set as follows:

6750	to	6650	with	50	sacks
2925	to	2825	with	50	sacks
510	to	410	with	77	sacks
210	to	310	with	67	sacks
65	to	surface	with	33	sacks.

9 5/8" casing was shot and pulled from 470'.

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

U. S. GOVERNMENT PRINTING OFFICE 16-48084-1

FROM -	TO -	TOTAL FEET	FORMATION
7515	7630	115	Dolomite
7630	7750	120	Lime & Dolomite
7750	7875	225	Lime, Dolomite & Shale
7875	8000	125	Lime & Dolomite
8000	8125	125	Dolomite & Shale
8125	8250	125	Lime, Dolomite & Shale
8250	8375	125	Dolomite & Sand
8375	8500	125	Lime, Shale & Granite Wash
8500	8625	125	Lime, Shale & Granite Wash
8625	8750	125	Lime, Shale & Granite Wash
8750	8875	125	Lime, Shale & Granite Wash
8875	9000	125	Lime, Shale & Granite Wash
9000	9125	125	Lime, Shale & Granite Wash
9125	9250	125	Lime, Shale & Granite Wash
9250	9375	125	Lime, Shale & Granite Wash
9375	9500	125	Lime, Shale & Granite Wash
9500	9625	125	Lime, Shale & Granite Wash
9625	9750	125	Lime, Shale & Granite Wash
9750	9875	125	Lime, Shale & Granite Wash
9875	10000	125	Lime, Shale & Granite Wash
10000	10125	125	Lime, Shale & Granite Wash
10125	10250	125	Lime, Shale & Granite Wash
10250	10375	125	Lime, Shale & Granite Wash
10375	10500	125	Lime, Shale & Granite Wash
10500	10625	125	Lime, Shale & Granite Wash
10625	10750	125	Lime, Shale & Granite Wash
10750	10875	125	Lime, Shale & Granite Wash
10875	11000	125	Lime, Shale & Granite Wash
11000	11125	125	Lime, Shale & Granite Wash
11125	11250	125	Lime, Shale & Granite Wash
11250	11375	125	Lime, Shale & Granite Wash
11375	11500	125	Lime, Shale & Granite Wash
11500	11625	125	Lime, Shale & Granite Wash
11625	11750	125	Lime, Shale & Granite Wash
11750	11875	125	Lime, Shale & Granite Wash
11875	12000	125	Lime, Shale & Granite Wash
12000	12125	125	Lime, Shale & Granite Wash
12125	12250	125	Lime, Shale & Granite Wash
12250	12375	125	Lime, Shale & Granite Wash
12375	12500	125	Lime, Shale & Granite Wash
12500	12625	125	Lime, Shale & Granite Wash
12625	12750	125	Lime, Shale & Granite Wash
12750	12875	125	Lime, Shale & Granite Wash
12875	13000	125	Lime, Shale & Granite Wash
13000	13125	125	Lime, Shale & Granite Wash
13125	13250	125	Lime, Shale & Granite Wash
13250	13375	125	Lime, Shale & Granite Wash
13375	13500	125	Lime, Shale & Granite Wash
13500	13625	125	Lime, Shale & Granite Wash
13625	13750	125	Lime, Shale & Granite Wash
13750	13875	125	Lime, Shale & Granite Wash
13875	14000	125	Lime, Shale & Granite Wash
14000	14125	125	Lime, Shale & Granite Wash
14125	14250	125	Lime, Shale & Granite Wash
14250	14375	125	Lime, Shale & Granite Wash
14375	14500	125	Lime, Shale & Granite Wash
14500	14625	125	Lime, Shale & Granite Wash
14625	14750	125	Lime, Shale & Granite Wash
14750	14875	125	Lime, Shale & Granite Wash
14875	15000	125	Lime, Shale & Granite Wash
15000	15125	125	Lime, Shale & Granite Wash
15125	15250	125	Lime, Shale & Granite Wash
15250	15375	125	Lime, Shale & Granite Wash
15375	15500	125	Lime, Shale & Granite Wash
15500	15625	125	Lime, Shale & Granite Wash
15625	15750	125	Lime, Shale & Granite Wash
15750	15875	125	Lime, Shale & Granite Wash
15875	16000	125	Lime, Shale & Granite Wash
16000	16125	125	Lime, Shale & Granite Wash
16125	16250	125	Lime, Shale & Granite Wash
16250	16375	125	Lime, Shale & Granite Wash
16375	16500	125	Lime, Shale & Granite Wash
16500	16625	125	Lime, Shale & Granite Wash
16625	16750	125	Lime, Shale & Granite Wash
16750	16875	125	Lime, Shale & Granite Wash
16875	17000	125	Lime, Shale & Granite Wash
17000	17125	125	Lime, Shale & Granite Wash
17125	17250	125	Lime, Shale & Granite Wash
17250	17375	125	Lime, Shale & Granite Wash
17375	17500	125	Lime, Shale & Granite Wash
17500	17625	125	Lime, Shale & Granite Wash
17625	17750	125	Lime, Shale & Granite Wash
17750	17875	125	Lime, Shale & Granite Wash
17875	18000	125	Lime, Shale & Granite Wash
18000	18125	125	Lime, Shale & Granite Wash
18125	18250	125	Lime, Shale & Granite Wash
18250	18375	125	Lime, Shale & Granite Wash
18375	18500	125	Lime, Shale & Granite Wash
18500	18625	125	Lime, Shale & Granite Wash
18625	18750	125	Lime, Shale & Granite Wash
18750	18875	125	Lime, Shale & Granite Wash
18875	19000	125	Lime, Shale & Granite Wash
19000	19125	125	Lime, Shale & Granite Wash
19125	19250	125	Lime, Shale & Granite Wash
19250	19375	125	Lime, Shale & Granite Wash
19375	19500	125	Lime, Shale & Granite Wash
19500	19625	125	Lime, Shale & Granite Wash
19625	19750	125	Lime, Shale & Granite Wash
19750	19875	125	Lime, Shale & Granite Wash
19875	20000	125	Lime, Shale & Granite Wash
20000	20125	125	Lime, Shale & Granite Wash
20125	20250	125	Lime, Shale & Granite Wash
20250	20375	125	Lime, Shale & Granite Wash
20375	20500	125	Lime, Shale & Granite Wash
20500	20625	125	Lime, Shale & Granite Wash
20625	20750	125	Lime, Shale & Granite Wash
20750	20875	125	Lime, Shale & Granite Wash
20875	21000	125	Lime, Shale & Granite Wash
21000	21125	125	Lime, Shale & Granite Wash
21125	21250	125	Lime, Shale & Granite Wash
21250	21375	125	Lime, Shale & Granite Wash
21375	21500	125	Lime, Shale & Granite Wash
21500	21625	125	Lime, Shale & Granite Wash
21625	21750	125	Lime, Shale & Granite Wash
21750	21875	125	Lime, Shale & Granite Wash
21875	22000	125	Lime, Shale & Granite Wash
22000	22125	125	Lime, Shale & Granite Wash
22125	22250	125	Lime, Shale & Granite Wash
22250	22375	125	Lime, Shale & Granite Wash
22375	22500	125	Lime, Shale & Granite Wash
22500	22625	125	Lime, Shale & Granite Wash
22625	22750	125	Lime, Shale & Granite Wash
22750	22875	125	Lime, Shale & Granite Wash
22875	23000	125	Lime, Shale & Granite Wash
23000	23125	125	Lime, Shale & Granite Wash
23125	23250	125	Lime, Shale & Granite Wash
23250	23375	125	Lime, Shale & Granite Wash
23375	23500	125	Lime, Shale & Granite Wash
23500	23625	125	Lime, Shale & Granite Wash
23625	23750	125	Lime, Shale & Granite Wash
23750	23875	125	Lime, Shale & Granite Wash
23875	24000	125	Lime, Shale & Granite Wash
24000	24125	125	Lime, Shale & Granite Wash
24125	24250	125	Lime, Shale & Granite Wash
24250	24375	125	Lime, Shale & Granite Wash
24375	24500	125	Lime, Shale & Granite Wash
24500	24625	125	Lime, Shale & Granite Wash
24625	24750	125	Lime, Shale & Granite Wash
24750	24875	125	Lime, Shale & Granite Wash
24875	25000	125	Lime, Shale & Granite Wash
25000	25125	125	Lime, Shale & Granite Wash
25125	25250	125	Lime, Shale & Granite Wash
25250	25375	125	Lime, Shale & Granite Wash
25375	25500	125	Lime, Shale & Granite Wash
25500	25625	125	Lime, Shale & Granite Wash
25625	25750	125	Lime, Shale & Granite Wash
25750	25875	125	Lime, Shale & Granite Wash
25875	26000	125	Lime, Shale & Granite Wash
26000	26125	125	Lime, Shale & Granite Wash
26125	26250	125	Lime, Shale & Granite Wash
26250	26375	125	Lime, Shale & Granite Wash
26375	26500	125	Lime, Shale & Granite Wash
26500	26625	125	Lime, Shale & Granite Wash
26625	26750	125	Lime, Shale & Granite Wash
26750	26875	125	Lime, Shale & Granite Wash
26875	27000	125	Lime, Shale & Granite Wash
27000	27125	125	Lime, Shale & Granite Wash
27125	27250	125	Lime, Shale & Granite Wash
27250	27375	125	Lime, Shale & Granite Wash
27375	27500	125	Lime, Shale & Granite Wash
27500	27625	125	Lime, Shale & Granite Wash
27625	27750	125	Lime, Shale & Granite Wash
27750	27875	125	Lime, Shale & Granite Wash
27875	28000	125	Lime, Shale & Granite Wash
28000	28125	125	Lime, Shale & Granite Wash
28125	28250	125	Lime, Shale & Granite Wash
28250	28375	125	Lime, Shale & Granite Wash
28375	28500	125	Lime, Shale & Granite Wash
28500	28625	125	Lime, Shale & Granite Wash
28625	28750	125	Lime, Shale & Granite Wash
28750	28875	125	Lime, Shale & Granite Wash
28875	29000	125	Lime, Shale & Granite Wash
29000	29125	125	Lime, Shale & Granite Wash
29125	29250	125	Lime, Shale & Granite Wash
29250	29375	125	Lime, Shale & Granite Wash
29375	29500	125	Lime, Shale & Granite Wash
29500	29625	125	Lime, Shale & Granite Wash
29625	29750	125	Lime, Shale & Granite Wash
29750	29875	125	Lime, Shale & Granite Wash
29875	30000	125	Lime, Shale & Granite Wash
30000	30125	125	Lime, Shale & Granite Wash
30125	30250	125	Lime, Shale & Granite Wash
30250	30375	125	Lime, Shale & Granite Wash
30375	30500	125	Lime, Shale & Granite Wash
30500	30625	125	Lime, Shale & Granite Wash
30625	30750	125	Lime, Shale & Granite Wash
30750	30875	125	Lime, Shale & Granite Wash
30875	31000	125	Lime, Shale & Granite Wash
31000	31125	125	Lime, Shale & Granite Wash
31125	31250	125	Lime, Shale & Granite Wash
31250	31375	125	Lime, Shale & Granite Wash
31375	31500	125	Lime, Shale & Granite Wash
31500	31625	125	Lime, Shale & Granite Wash
31625	31750	125	Lime, Shale & Granite Wash
31750	31875	125	Lime, Shale & Granite Wash
31875	32000	125	Lime, Shale & Granite Wash
32000	32125	125	Lime, Shale & Granite Wash
32125	32250	125	Lime, Shale & Granite Wash
32250	32375	125	Lime, Shale & Granite Wash
32375	32500	125	Lime, Shale & Granite Wash
32500	32625	125	Lime, Shale & Granite Wash
32625	32750	125	Lime, Shale & Granite Wash
32750	32875	125	Lime, Shale & Granite Wash
32875	33000	125	Lime, Shale & Granite Wash
33000	33125	125	Lime, Shale & Granite Wash
33125	33250	125	Lime, Shale & Granite Wash
33250	33375	125	Lime, Shale & Granite Wash
33375	33500	125	Lime, Shale & Granite Wash
33500	33625	125	Lime, Shale & Granite Wash
33625	33750	125	Lime, Shale & Granite Wash
33750	33875	125	Lime, Shale & Granite Wash
33875	34000	125	Lime, Shale & Granite Wash
34000	34125	125	Lime, Shale & Granite Wash
34125	34250	125	Lime, Shale & Granite Wash
34250	34375	125	Lime, Shale & Granite Wash
34375	34500	125	Lime, Shale & Granite Wash
34500	34625	125	Lime, Shale & Granite Wash
34625	34750	125	Lime, Shale & Granite Wash
34750	34875	125	Lime, Shale & Granite Wash
34875	35000	125	Lime, Shale & Granite Wash
35000	35125	125	Lime, Shale & Granite Wash
35125	35250	125	Lime, Shale & Granite Wash
35250	35375	125	Lime, Shale & Granite Wash
35375	35500	125	Lime, Shale & Granite Wash
35500	35625	125	Lime, Shale & Granite Wash
35625	35750	125	Lime, Shale & Granite Wash
35750	35875	125	Lime, Shale & Granite Wash
35875	36000	125	Lime, Shale & Granite Wash
36000	36125	125	Lime, Shale & Granite Wash
36125	36250	125	Lime, Shale & Granite Wash
36250	36375	125	Lime, Shale & Granite Wash
36375	36500	125	Lime, Shale & Granite Wash
36500	36625	125	Lime, Shale & Granite Wash
36625	36750	125	Lime, Shale & Granite Wash
36750	36875	125	Lime, Shale & Granite Wash
36875	37000	125	Lime, Shale & Granite Wash
37000	37125	125	Lime, Shale & Granite Wash
37125	37250	125	Lime, Shale & Granite Wash
37250	37375	125	Lime, Shale & Granite Wash
37375	37500	125	Lime, Shale & Granite Wash
37500	37625	125	Lime, Shale & Granite Wash
37625	37750	125	Lime, Shale & Granite Wash
37750	37875	125	Lime, Shale & Granite Wash
37875	38000	125	Lime, Shale & Granite Wash
38000	38125	125	Lime, Shale & Granite Wash
38125	38250	125	Lime, Shale & Granite Wash
38250	38375	125	Lime, Shale & Granite Wash
38375	38500	125	Lime, Shale & Granite Wash
38500	38625	125	Lime, Shale & Granite Wash
38625	38750	125	Lime, Shale & Granite Wash
38750	38875	125	Lime, Shale & Granite Wash
38875	39000	125	Lime, Shale & Granite Wash
39000	39125	125	Lime, Shale & Granite Wash
39125	39250	125	Lime, Shale & Granite Wash
39250	39375	125	Lime, Shale & Granite Wash
39375	39500	125	Lime, Shale & Granite Wash
39500	39625	125	Lime, Shale & Granite Wash
39625	39750	125	Lime, Shale & Granite Wash
39750	39875	125	Lime, Shale & Granite Wash
39875	40000	125	Lime, Shale & Granite Wash
40000	40125	125	Lime, Shale & Granite Wash
40125	40250	125	Lime, Shale & Granite Wash
40250	40375	125	Lime, Shale & Granite Wash
40375	40500	125	Lime, Shale & Granite Wash
40500	40625	125	Lime, Shale & Granite Wash
40625	40750	125	Lime, Shale & Granite Wash
40750	40875	125	Lime, Shale & Granite Wash
40875	41000	125	Lime, Shale & Granite Wash
41000	41125	125	Lime, Shale & Granite Wash
41125	41250	125	Lime