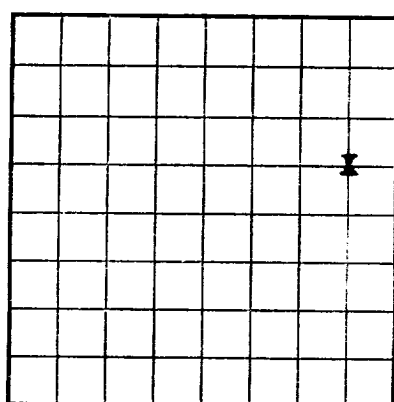




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031741 (b)
LEASE OR PERMIT TO PROSPECT Lease
1951
GEOLOGICAL SURVEY
MINERAL CONSERVATION COMMISSION
HOBBBS OFFICE

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 W. C. Hawk E-3 Field North Drinkard State New Mexico
Well No. 4 Sec. 3 T. 21S R. 37E Meridian NMPM County Lea
Location 1980 ft. (S.) of N Line and 660 ft. (W.) of E Line of Section 3 Elevation 3502
(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 J. D. StagerDate March 13, 1951Title Asst. District Superintendent

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

Commenced drilling March 12, 1950 Finished drilling April 18, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6732 to 6782 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"	34	8	Guido	190	Guido	_____	_____	_____	_____
9 5/8"	30	8	Guido & Float Collar	3050	Guido & Float Collar	_____	_____	_____	_____
7"	25	8	Guido & Float Collar	6834	Guido & Float Collar	6732	6782	Production	_____

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	211	250	Pump & plug	_____	_____
9 5/8"	3029	1210	Pump & plug	_____	_____
7"	6829	770	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 6830 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing JUNE 2, 1950

The production for the first 24 hours was 159 barrels of fluid of which 60 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. _____ Gravity, _____ Bbl.
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

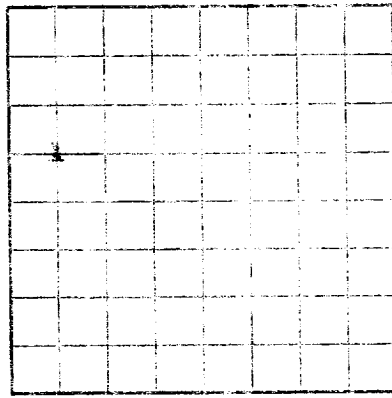
EMPLOYEES

C. H. Huff, Driller J. D. Stager, Driller
Marshall, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1300	1300	Surface Sands & Red Bed
1300	1390	90	Sand & Shale
1390	1440	50	Anhydrite, Shale & Sand
1440	2390	990	No samples
2390	2430	50	Salt
2430	2470	30	Anhydrite, Salt
2470	2590	120	Salt
2590	2790	200	Anhydrite & Shale
2790	2930	140	Dolomite & Anhydrite
2930	2960	30	Anhydrite & Shale
2960	2990	30	Dolomite & Anhydrite
2990	3030	40	Dolomite & Shale
3030	4000	970	No samples
4000	5018	1010	Dolomite
5018	5030	20	Dolomite & Shale
5030	5120	90	Dolomite
5120	5420	300	Dolomite & Lime
5420	5460	40	Dolomite
5460	5480	20	Dolomite & Sand
5480	6695	255	Dolomite
6695	6830	135	Dolomite & Lime
6830	Total depth	_____	_____

U. S. LAND OFFICE
BUREAU NUMBER
PERMIT TO PROSPECT
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE



LOG OF OIL OR GAS WELL

Company _____
Address _____
Field _____
State _____
County _____
Section _____
T. _____ R. _____ S. _____
Elevation _____
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 _____
Title _____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

CASE RECORD
It is of the greatest importance to have a complete and correct record of the well and all work done thereon so far as can be determined from all available records. 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.

FROM	TO	TOTAL FEET	FORMATION
6300'	6450'	150'	Shale & Sandstone
6450'	6500'	50'	Shale & Sandstone
6500'	6550'	50'	Shale & Sandstone
6550'	6600'	50'	Shale & Sandstone
6600'	6650'	50'	Shale & Sandstone
6650'	6700'	50'	Shale & Sandstone
6700'	6750'	50'	Shale & Sandstone
6750'	6800'	50'	Shale & Sandstone
6800'	6850'	50'	Shale & Sandstone
6850'	6900'	50'	Shale & Sandstone
6900'	6950'	50'	Shale & Sandstone
6950'	7000'	50'	Shale & Sandstone
7000'	7050'	50'	Shale & Sandstone
7050'	7100'	50'	Shale & Sandstone
7100'	7150'	50'	Shale & Sandstone
7150'	7200'	50'	Shale & Sandstone
7200'	7250'	50'	Shale & Sandstone
7250'	7300'	50'	Shale & Sandstone
7300'	7350'	50'	Shale & Sandstone
7350'	7400'	50'	Shale & Sandstone
7400'	7450'	50'	Shale & Sandstone
7450'	7500'	50'	Shale & Sandstone
7500'	7550'	50'	Shale & Sandstone
7550'	7600'	50'	Shale & Sandstone
7600'	7650'	50'	Shale & Sandstone
7650'	7700'	50'	Shale & Sandstone
7700'	7750'	50'	Shale & Sandstone
7750'	7800'	50'	Shale & Sandstone
7800'	7850'	50'	Shale & Sandstone
7850'	7900'	50'	Shale & Sandstone
7900'	7950'	50'	Shale & Sandstone
7950'	8000'	50'	Shale & Sandstone
8000'	8050'	50'	Shale & Sandstone
8050'	8100'	50'	Shale & Sandstone
8100'	8150'	50'	Shale & Sandstone
8150'	8200'	50'	Shale & Sandstone
8200'	8250'	50'	Shale & Sandstone
8250'	8300'	50'	Shale & Sandstone
8300'	8350'	50'	Shale & Sandstone
8350'	8400'	50'	Shale & Sandstone
8400'	8450'	50'	Shale & Sandstone
8450'	8500'	50'	Shale & Sandstone
8500'	8550'	50'	Shale & Sandstone
8550'	8600'	50'	Shale & Sandstone
8600'	8650'	50'	Shale & Sandstone
8650'	8700'	50'	Shale & Sandstone
8700'	8750'	50'	Shale & Sandstone
8750'	8800'	50'	Shale & Sandstone
8800'	8850'	50'	Shale & Sandstone
8850'	8900'	50'	Shale & Sandstone
8900'	8950'	50'	Shale & Sandstone
8950'	9000'	50'	Shale & Sandstone
9000'	9050'	50'	Shale & Sandstone
9050'	9100'	50'	Shale & Sandstone
9100'	9150'	50'	Shale & Sandstone
9150'	9200'	50'	Shale & Sandstone
9200'	9250'	50'	Shale & Sandstone
9250'	9300'	50'	Shale & Sandstone
9300'	9350'	50'	Shale & Sandstone
9350'	9400'	50'	Shale & Sandstone
9400'	9450'	50'	Shale & Sandstone
9450'	9500'	50'	Shale & Sandstone
9500'	9550'	50'	Shale & Sandstone
9550'	9600'	50'	Shale & Sandstone
9600'	9650'	50'	Shale & Sandstone
9650'	9700'	50'	Shale & Sandstone
9700'	9750'	50'	Shale & Sandstone
9750'	9800'	50'	Shale & Sandstone
9800'	9850'	50'	Shale & Sandstone
9850'	9900'	50'	Shale & Sandstone
9900'	9950'	50'	Shale & Sandstone
9950'	10000'	50'	Shale & Sandstone