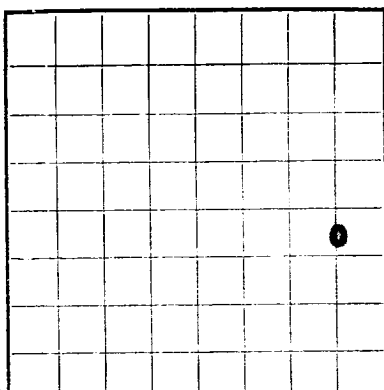


Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Richardson & Son** Address **Port Worth, Texas**
Lessor or Tract **Federal-J. M. Scumdale** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **27** T. **28S** R. **31E** Meridian **NMPM** County **Lea**
Location **1900** ft. **N** of **8** Line and **660** ft. **E** of **8** Line of **Sec 27** Elevation **3550'** **Lot**
(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 *[Signature]*
Date **November 2, 1955** Title **Assistant Division Manager**

The summary on this page is for the condition of the well at above date.
Commenced drilling **September 16**, 19**55** Finished drilling **October 23**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4460** to **4490** No. 4, from **7460** to **7490**
No. 2, from **5060** to **5200** No. 5, from **8160** to **8190**
No. 3, from **7310** to **7350** No. 6, from **8760** to **8790**

IMPORTANT WATER SANDS

No. 1, from **4460** to **4490** No. 3, from **7310** to **7350**
No. 2, from **5060** to **5200** No. 4, from **7460** to **7490**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
11 3/4	42	8 rd	J & L	658	Baker	None			run 400 ft.
8 5/8	24	8 rd	J & L	2544	Baker	None			run 645 ft.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
11 3/4	675	100	Pump & Plug	9.84	None Fall
8 5/8	2544	645	Pump & Plug	8.54	None Fall

PLUGS AND ADAPTERS

Heaving plug—Material **See remarks** 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 _____ feet to **7618'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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. _____

EMPLOYEES

E. W. Kirkland Driller **Carl Busby** Driller
A. M. Bush Driller _____ Driller

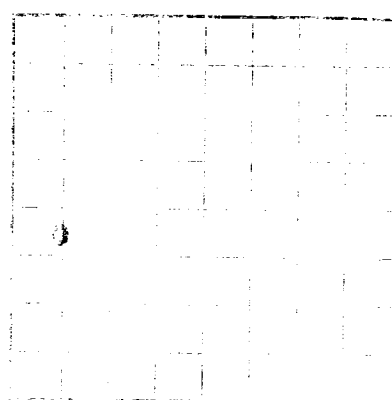
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Sand
20	36	56	Caliche
36	507	543	Red Rock
507	677	1180	Anhydrite & Gyp
677	761	84	Anhydrite
761	898	137	Anhydrite & Red Bed
898	987	89	Salt, Potash & Red Bed
987	2444	1457	Salt
2444	2545	101	Salt & Anhy
2545	4050	1505	Lime
4050	4206	156	Lime & sand
4206	4446	240	Lime
4446	4565	119	Lime, Sand & Shale
4565	4942	376	Lime
4942	5798	857	Sand & Shale
5798	7460	1662	Lime & Shale & Sand
7460	7618	158	Lime & Shale - Total Depth

16-43004-2

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Company: **Continental Oil Co.**
Location: **W. 1/4, Sec. 10, T. 4S, R. 4E, S. 10N**
Well No.: **1000**
Date: **November 1, 1950**
The information given is a summary of the work done on this well and is not intended to be a complete record of all work done on the well.

Summary of work done on this well is given in the following table:
Casing Record:
Spotted 15' cement at 700', pulled up & spotted 50' cement at 650', mixed & spotted 50' cement at 600', pulled up & spotted 50' cement at 550', mixed & spotted 50' cement at 500', pulled up & spotted 50' cement at 450', mixed & spotted 50' cement at 400', pulled up & spotted 50' cement at 350', mixed & spotted 50' cement at 300', pulled up & spotted 50' cement at 250', mixed & spotted 50' cement at 200', pulled up & spotted 50' cement at 150', mixed & spotted 50' cement at 100', pulled up & spotted 50' cement at 50', mixed & spotted 50' cement at 0'.

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, 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 and redrilling.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
1000	950	50	Gravelly sandstone
950	900	50	Gravelly sandstone
900	850	50	Gravelly sandstone
850	800	50	Gravelly sandstone
800	750	50	Gravelly sandstone
750	700	50	Gravelly sandstone
700	650	50	Gravelly sandstone
650	600	50	Gravelly sandstone
600	550	50	Gravelly sandstone
550	500	50	Gravelly sandstone
500	450	50	Gravelly sandstone
450	400	50	Gravelly sandstone
400	350	50	Gravelly sandstone
350	300	50	Gravelly sandstone
300	250	50	Gravelly sandstone
250	200	50	Gravelly sandstone
200	150	50	Gravelly sandstone
150	100	50	Gravelly sandstone
100	50	50	Gravelly sandstone
50	0	50	Gravelly sandstone