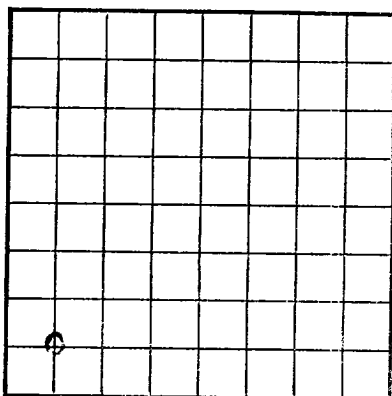


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **069144**
LEASE OR PERMIT TO PROSPECT **Big Eddy**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Richardson & Bass** Address **P.O. Box 1178, Monahans, Texas**
Lessor or Tract **Federal-J.M. Fidel** Field **Big Eddy** State **New Mexico**
Well No. **1** Sec. **27** T. **21-S** R. **29-E** Meridian **NMPM** County **Eddy**
Location **660 ft. (N) of 3 Line and 660 ft. (E) of 1 Line of (27) Lease Elevation 3433 d.f.**
(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]*
Title **Asst Division Manager**Date **September 24, 1953**

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

Commenced drilling **September 29**, 19 **52** Finished drilling **September 3**, 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6890** to **6950** No. 4, from _____ to _____
No. 2, from **11944** to **11971 G** 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—	
20"	94	8	U.S.	338	Guide	No -Set at 360'	Not Perforated	Surface	
13-3/8 61		8	J&L	3154	Float	No -Set at 3175'	Not Perf.	Salt String	
9-5/8 40 & 47		8	J&L	9387	Float	No -Set at 9406'			
							6890	6950	Intermediate & Oil String
7"	29	8	J&L	2825	Float	No			Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	360	400	Plug		
13-3/8 3175		2725	Plug		
7" 9-5/8 9406		2825	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material **See Remarks** Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Not shot				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to **15,711** feet, and from _____ feet to _____ feet
No

DATES

_____, 19 _____ Put to producing **September 25/18**, 19 **53**
First production for the first 24 hours was _____ barrels of fluid of which **86** % was oil; **0** %
emulsion; _____ % water; and _____ % sediment. **313** Gravity, °Bé. **37.9**

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 **R.A. Atkinson**, Driller
Harley Carpenter, Driller _____, Driller
J.S. Sistrunk

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	140	140	SAND
140	230	90	SAND & RED SHALE
230	480	250	DOLOMITE & ANHYDRITE
480	3253	2773	SALT, GYPSUM & ANHYDRITE
3253	3330	77	LIME & SHALE
3330	6954	3624	SAND, LIME & SHALE
6954	10,415	3461	LIME, SHALE & SAND
10,415	11,810	1395	LIME & SHALE
11,810	13,320	1510	LIME, SHALE & SAND
13,320	13,690	370	SHALE
13,690	14,230	540	LIME & SHALE
14,230	14,350	120	SHALE
14,350	14,388	38	DOLOMITE & SHALE
14,388	15,250	862	DOLOMITE & CHERT
15,250	15,570	320	LIME & CHERT
15,570	15,611	41	LIME, SAND & SHALE

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

Drilled well to a total depth of 15,611'. Spotted 100 sacks cement at 17,450-110 sacks cement at 12,150' - and checked top of cement at 11,964'. Drilled cement out to 12,035 feet.

Van 2825 feet of 7" OD 29# N-80 casing set at 12,025 w/ 925 sacks cement-
this casing hung in bottom of 9-5/8" casing at 9172. Top cement outside of
liner 11,782' - drilled cement out of inside of liner to 11,986'. Perforated
casing 11,974' to 11,971 w/ 7 jet shots per foot. Set 2-3/8" tubing at 11,973
and swabbed - well flowed at the rate of 236 MCF gas per day.

Set bridge plug at 7050' and spotted 50 lbs cement on top. Plug back to 6980' - reversed out 15 sks. Perforated casing from 6890 to 6950 w/ 4 shots per foot. Set tubing at 6890' (see picture at 6958'). Swabbed well down in 4 hours - slight gas show. Treated well with 3000 gallons of sand-oil (2 pounds sand per gallon). Well closed in 4 hrs and 50 mins and then started swabbing and after swabbing 1 hr and 30 mins well started flowing.