

A grid of graph paper consisting of 10 columns and 8 rows. A single black dot is located in the second column from the left and the third row from the top. The rest of the grid is empty.

RECEIVED
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DEPT.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078640
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field So. Blanco P. C. State New Mexico
Well No. 119 Sec. 22 T. 27-N R. 7-W Meridian N.M.P.M. County Rio Arriba
Location 1150 ft. XX of N Line and 1650 ft. XXXX of W Line of Sec. 22 Elevation 6614

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 _____ Original Signed By: D.H. Uheim

Date November 4, 1960 Title Petroleum Engineer

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

Commenced drilling 8-17, 1960 Finished drilling 8-26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3050 to 3095(a) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	112	100	circulated		
2 7/8"	3168	60	single stage		

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
		See Well History				

TOOLS USED

Rotary tools were used from 0 feet to 3169 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-2-----, 19 60 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 3,767,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 988 A.O.F. 4361 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2237	2237	Tan to gry cr-grn ss interbedded w/gry sh.
2237	2392	155	Ojo Alamo ss. White cr-grn s.
2392	2817	425	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
2817	3050	233	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3050	3095	45	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3095	3169	74	Lewis form. Gry, fine-grn, dense sil ss.

The markings on this page is for the condition of the well as shown by

[illegible]

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 "struck off" 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

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FROM	TO	TOTAL FEET	FORMATION
100	105	5	various sand
105	110	5	blue clay, thin-bedded
110	115	5	red clay, thin-bedded
115	120	5	blue clay, thin-bedded
120	125	5	red clay, thin-bedded
125	130	5	blue clay, thin-bedded
130	135	5	red clay, thin-bedded
135	140	5	blue clay, thin-bedded
140	145	5	red clay, thin-bedded
145	150	5	blue clay, thin-bedded
150	155	5	red clay, thin-bedded
155	160	5	blue clay, thin-bedded
160	165	5	red clay, thin-bedded
165	170	5	blue clay, thin-bedded
170	175	5	red clay, thin-bedded
175	180	5	blue clay, thin-bedded
180	185	5	red clay, thin-bedded
185	190	5	blue clay, thin-bedded
190	195	5	red clay, thin-bedded
195	200	5	blue clay, thin-bedded
200	205	5	red clay, thin-bedded
205	210	5	blue clay, thin-bedded
210	215	5	red clay, thin-bedded
215	220	5	blue clay, thin-bedded
220	225	5	red clay, thin-bedded
225	230	5	blue clay, thin-bedded
230	235	5	red clay, thin-bedded
235	240	5	blue clay, thin-bedded
240	245	5	red clay, thin-bedded
245	250	5	blue clay, thin-bedded
250	255	5	red clay, thin-bedded
255	260	5	blue clay, thin-bedded
260	265	5	red clay, thin-bedded
265	270	5	blue clay, thin-bedded
270	275	5	red clay, thin-bedded
275	280	5	blue clay, thin-bedded
280	285	5	red clay, thin-bedded
285	290	5	blue clay, thin-bedded
290	295	5	red clay, thin-bedded
295	300	5	blue clay, thin-bedded
300	305	5	red clay, thin-bedded
305	310	5	blue clay, thin-bedded
310	315	5	red clay, thin-bedded
315	320	5	blue clay, thin-bedded
320	325	5	red clay, thin-bedded
325	330	5	blue clay, thin-bedded
330	335	5	red clay, thin-bedded
335	340	5	blue clay, thin-bedded
340	345	5	red clay, thin-bedded
345	350	5	blue clay, thin-bedded
350	355	5	red clay, thin-bedded
355	360	5	blue clay, thin-bedded
360	365	5	red clay, thin-bedded
365	370	5	blue clay, thin-bedded
370	375	5	red clay, thin-bedded
375	380	5	blue clay, thin-bedded
380	385	5	red clay, thin-bedded
385	390	5	blue clay, thin-bedded
390	395	5	red clay, thin-bedded
395	400	5	blue clay, thin-bedded
400	405	5	red clay, thin-bedded
405	410	5	blue clay, thin-bedded
410	415	5	red clay, thin-bedded
415	420	5	blue clay, thin-bedded
420	425	5	red clay, thin-bedded
425	430	5	blue clay, thin-bedded
430	435	5	red clay, thin-bedded
435	440	5	blue clay, thin-bedded
440	445	5	red clay, thin-bedded
445	450	5	blue clay, thin-bedded
450	455	5	red clay, thin-bedded
455	460	5	blue clay, thin-bedded
460	465	5	red clay, thin-bedded
465	470	5	blue clay, thin-bedded
470	475	5	red clay, thin-bedded
475	480	5	blue clay, thin-bedded
480	485	5	red clay, thin-bedded
485	490	5	blue clay, thin-bedded
490	495	5	red clay, thin-bedded
495	500	5	blue clay, thin-bedded
500	505	5	red clay, thin-bedded
505	510	5	blue clay, thin-bedded
510	515	5	red clay, thin-bedded
515	520	5	blue clay, thin-bedded
520	525	5	red clay, thin-bedded
525	530	5	blue clay, thin-bedded
530	535	5	red clay, thin-bedded
535	540	5	blue clay, thin-bedded
540	545	5	red clay, thin-bedded
545	550	5	blue clay, thin-bedded
550	555	5	red clay, thin-bedded
555	560	5	blue clay, thin-bedded