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UNITED STATES

OIL CON. DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Jicarilla Field Blanco Mesa Verde State New Mexico
Well No. 92-2 Sec. 29 T. 27-N R. 3-W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. ^[N.] of 8 Line and 1460 ft. ^[E.] of W Line of Section 29 Elevation 7188

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 **January 25, 1961** Title **Petroleum Engineer**

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

Commenced drilling 3-15 1960 Finished drilling 1-3 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3998 to 4062 (c) No. 4, from 6100 to 6284 (c)

No. 2, from 5752 to 5854 (G) No. 5, from 5854 (G) to 5954 (G)

No. 3, from ~~550~~ to ~~600-61~~ 30 No. 6, from ~~550~~ to ~~570~~

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 2, 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—	
10 1/2"	12.75	8 1/2"	J-55	6193	PROD. KING OF HUNTERS	PROD. KING OF HUNTERS			PROD. KING OF HUNTERS
7"	8.15	8 1/2"	J-55	6193	PROD. KING OF HUNTERS	PROD. KING OF HUNTERS			PROD. KING OF HUNTERS
5"	11	8 1/2"	J-55	6193	PROD. KING OF HUNTERS	PROD. KING OF HUNTERS			PROD. KING OF HUNTERS
2"	4.7	8 1/2"	J-55	6193	PROD. KING OF HUNTERS	PROD. KING OF HUNTERS			PROD. KING OF HUNTERS

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	294	300	circulated		
7"	6372	230	two stages		
5"	4141-6366	200	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 6372 feet, and from 6372 feet to 8106 feet.

Cable tools were used from ~~100~~ feet to ~~670~~ feet, and from ~~806~~ feet to ~~813~~ feet.

DATES

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 2,306,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1180-1207 2785 MPa/D**

EMPLOYEES

_____	Driller	_____	Driller
_____	Driller	_____	Driller

FORMATION RECORD

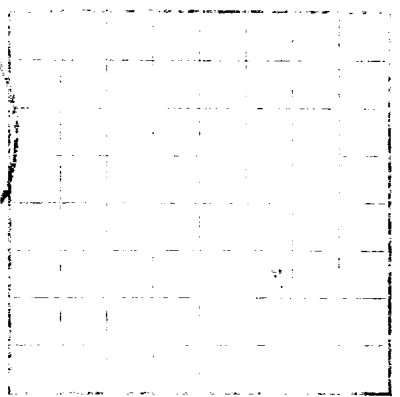
FROM—	TO—	TOTAL FEET	FORMATION
0	3469	3469	San to gry cr-grn ss interbedded w/gry sh.
3469	3654	185	Ojo Alamo ss. White cr-grn s.
3654	3800	146	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3800	3998	198	Frutland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3998	4062	64	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
4062	5752	1690	Lewis form. Gry, fine-grn, dense sil ss.
5752	5854	102	Cliff House ss. Gry, fine-grn, dense sil ss.
5854	6100	246	Manefee form. Gry, fine-grn ss s, carb sh & coal.
6100	6264	164	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
6264	7120	856	Mancoos form. Gry carb sh.
7120	7773	653	Ballpaw form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.interbed sh.
7773	8085	312	Senectee form. Brk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
8085	8151	66	Greenhorn form Highly calc gry sh w/thin lmst.
8151	8294	143	Graneros form. Brk gry shale, fossil & carb w/rite incl.
8294	8413	119	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/rite incl thin sh bands clay & shale breaks.

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Geological description of the well, including formation names, thicknesses, and lithologies. The text is oriented vertically on the page.

Core No. 1: 8171-7215 Sec. 44. 10"
Core No. 2: 8216-8222 Sec. 5. 6"
Core No. 3: 8223-8229 Sec. 60 1/2"

Log from 5600-6330. First point located @ 6110-6130-50, 6158-70; w/2 B.M.
Plugged back w/50 sec reg. 4 1/2 in. 4 from 6130-6133.
Plugged back w/50 sec reg. 4 1/2 in. 4 from 6130-6133.

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 the results. If there were any changes made in the casing, state fully, and if any casing was "detracted" 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 or bailing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0-10	10-20	10	...
20-30	30-40	20	...
40-50	50-60	30	...
60-70	70-80	40	...
80-90	90-100	50	...
100-110	110-120	60	...
120-130	130-140	70	...
140-150	150-160	80	...
160-170	170-180	90	...
180-190	190-200	100	...
200-210	210-220	110	...
220-230	230-240	120	...
240-250	250-260	130	...
260-270	270-280	140	...
280-290	290-300	150	...
300-310	310-320	160	...
320-330	330-340	170	...
340-350	350-360	180	...
360-370	370-380	190	...
380-390	390-400	200	...
400-410	410-420	210	...
420-430	430-440	220	...
440-450	450-460	230	...
460-470	470-480	240	...
480-490	490-500	250	...
500-510	510-520	260	...
520-530	530-540	270	...
540-550	550-560	280	...
560-570	570-580	290	...
580-590	590-600	300	...
600-610	610-620	310	...
620-630	630-640	320	...
640-650	650-660	330	...
660-670	670-680	340	...
680-690	690-700	350	...
700-710	710-720	360	...
720-730	730-740	370	...
740-750	750-760	380	...
760-770	770-780	390	...
780-790	790-800	400	...
800-810	810-820	410	...
820-830	830-840	420	...
840-850	850-860	430	...
860-870	870-880	440	...
880-890	890-900	450	...
900-910	910-920	460	...
920-930	930-940	470	...
940-950	950-960	480	...
960-970	970-980	490	...
980-990	990-1000	500	...