

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 9, 1962

El Paso Natural Gas Company		Lease	Hancock "B" No. 7
1450'S, 790'E, Sec. 30-28-9		County	San Juan
Pictured Cliff		State	New Mexico
2.875	2227	Pool	Aztec
2118	2138	Tubing: Diameter	No Tubing
Sand/Water Frac.		Total Depth	2230
		Flow Through Casing	X
		Flow Through Tubing	

.75	12.365	"TUBINGLESS COMPLETION"	
633	645	Shut-in Pressure, Tubing	PSIG 12 PSIA
.65	77	No Tubing	----
61	.9990 .85	Working Pressure: Pw	PSIG 12 PSIA
		Calc.	92
		Epp (From Tables)	Gravity
		1.009	.680 Fg .9393

$$(12.365)(77)(.9990)(.9393)(1.009)$$

901

MCF D

416,025
407,561

$$(1.0207)^{.85}(901) = (1.0176)(901)$$

917

MCF D

Tom B. Grant

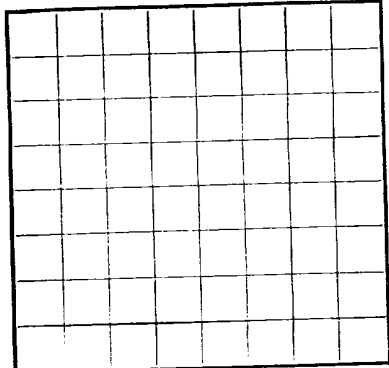


A. J. Dudenhoefter
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U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03541
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Hancock Field Basin Dakota State New Mexico
Well No. 7 Sec 30 T28-N. R. 9-W. Meridian H.M.P.M. County San Juan
Location 1680 ft. N. of 8 Line and 1180 ft. E. of W Line of Section 30 Elevation 5937
ft. (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. Original Signed D. W. Meenan
Signed _____ Title Petroleum Engineer

Date August 7, 1962
The summary on this page is for the condition of the well at above date.
Commenced drilling 5-23-, 1962 Finished drilling 6-5-, 1962

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 6336 to 6453 (a) No. 4, from _____ to _____
No. 2, from 6453 to 6625 (a) 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—	
9 5/8"	36	8 rd	H-40	282	Howe				Surface
4 1/2"	10.5	8 rd	J-55	6618	Baker				Prod. casing
2 3/8"	4.5	8 rd	J-55	6544	Baker				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	296	200	circulated		
4 1/2"	6632	620	3 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
6454-58; 6513-21 (1 SFF); 6475-79; 6457-61; 6407-11; 6303-07 (2 SFF) Frac w/83,000 gallons water, 76,000# sand. Flush 4620 gallons. I.R. 42 BPM. Max pr 4000#, BDP 2400#. Tr pr 2600#, 4 ball drops. 1 of 16 and 3 of 8 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 6633 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 4,709,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 2020 csg. A.O.F. 10,784 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1006	1006	Tan to gry cr-grn ss interbedded w/gry sh.
1006	1151	145	Ojo Alamo ss. White cr-grn s.
1151	1755	604	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1755	2026	271	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2026	2090	64	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
2090	3570	1480	Lewis form. Gry, fine-grn, dense sil ss.
3570	3716	146	Cliff House ss. Gry, fine-grn, dense sil ss.
3716	4305	589	Menafee form. Gry, fine-grn s, carb sh & coal.
4305	4408	103	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4408	5497	1089	Mancos form. Gry carb sh.
5497	6276	779	Gallup form. Lt gry to brn calc carb w/irreg interbed sh.
6276	6336	60	Greenhorn form. Highly calc gry sh w/thin lmst.
6336	6453	117	Graneros form. Dk gry sh, fossil & carb w/prite incl.
6453	6625	172	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.
6625	6633	8	Morrison form. Interbed grn brn and red waxy sh & fr to cr grn sd.

[illegible]