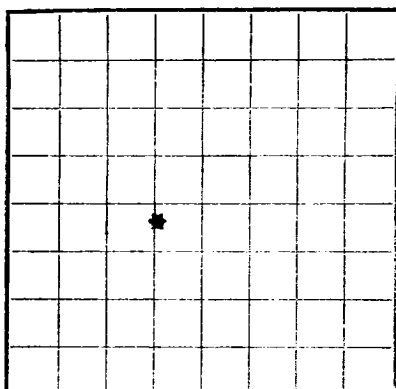




LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
SEP 28 1961
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

SEP 29 1961
D. E. C.
ARTESIA OFFICE

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68 Hobbs, New Mexico
Lessor or Tract USA Malco Refineries "G" Field Empire Abo State New Mexico
Well No. 13 Sec. 10 T. 18S R. 27E Meridian NMPM County Eddy
Location 2302.00 ft. N. of 3 Line and 1550 ft. E. of W Line of Sec 10 Elevation 3163 RDB
(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 by:
Signed V. E. STALEY

Date September 26, 1961 Title Area Superintendent

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

Commenced drilling 5-18-61 Finished drilling 5-23-61, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2302.00 to 2302.00 No. 4, from 2302.00 to 2302.00
No. 2, from 2302.00 to 2302.00 No. 5, from 2302.00 to 2302.00
No. 3, from 2302.00 to 2302.00 No. 6, from 2302.00 to 2302.00

IMPORTANT WATER SANDS

No. 1, from 2302.00 to 2302.00 No. 3, from 2302.00 to 2302.00
No. 2, from 2302.00 to 2302.00 No. 4, from 2302.00 to 2302.00

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	24	3	J-55	1797	Chisel	2302.00	2302.00	2302.00	String
4 1/2"	9.5	3	J-55	6213	Chisel	2302.00	2302.00	2302.00	String
NIPLOKA ON OFF OF CYR MEFF									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	1506	Circ	Pump Plug		
4 1/2"	6093	850	Pump Plug		

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
perforator	15	acid	4/5000 gal	15%		

TOOLS USED

Rotary tools were used from 0 feet to 6093 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

TA 9-25-61, 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

W. I. Stephens, Driller R. E. Box, Driller

J. H. Hobson, Driller R. D. Ryan, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	456	456	Surface
456	615	159	Anhy & Gype
615	670	55	Anhy & Line
670	750	80	Anhy & Gyp
750	930	180	Anhy
930	1345	415	Anhy & Gyp
1345	3135	1790	Lime
3135	3313	178	Lime & Sand
3313	3362	49	Lime
3362	3532	170	Lime & Sand
3532	4723	1191	Lime
4723	4929	206	Dolo & Chert
4929	5154	225	Dolo
5154	5246	92	Dolo & Chert
5246	5375	129	Lime
5375	5555	180	Dolo & Chert
5555	5688	133	Lime
5688	5840	152	Dolo
5840	6093	253	Lime

TOPS BY EL

Queen 885
San Andres 1650
Yaso 3195
Abo Reef 5910

