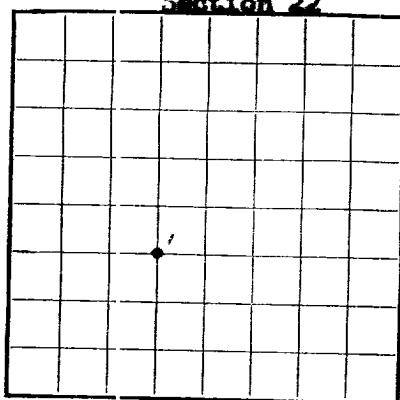


Section 22



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Window Rock Ariz.SERIAL NUMBER 062-592

LEASE OR PERMIT TO PROSPECT

Contract # 11-20-603-1437

UNITED STATES

DEPARTMENT OF THE INTERIOR AUG 7 1957

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Amalia Petroleum Company Address Box 633, Midland, TexasLessor or Tract Ab-Hus-La Field Undesignated State New MexicoWell No. 1 Sec. 22 T. 25N R. 11W Meridian N.M.P.M. County San JuanLocation 1980 ft. [N.] of S. Line and 1980 ft. [E.] of W. Line of Section 22 Elevation 6459'
(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

Date August 5, 1957Title R.T. GERMAN
Division Superintendent

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

Commenced drilling June 26, 19 57 Finished drilling July 17, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4892' to 4908' (G) No. 4, from _____ to _____No. 2, from 4918' to 4931' (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—	
<u>3-5/8"</u>	<u>29</u>	<u>8 VT</u>	<u>L.V.</u>	<u>318'</u>					<u>Surface</u>
<u>5 1/2"</u>	<u>14</u>	<u>8 HT</u>	<u>Youngstown</u>	<u>5000'</u>			<u>4892'</u>	<u>4909'</u>	
							<u>4918'</u>	<u>4931'</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8"</u>	<u>318'</u>	<u>150</u>	<u>Wet Plug</u>		
<u>5 1/2"</u>	<u>5000'</u>	<u>150</u>	<u>Wet Plug</u>	<u>34</u>	<u>9,990 lbs.</u>

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

TOOLS USED

Rotary tools were used from _____ feet to 5000 feet, and from _____ feet to _____ feet

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

DATES

_____ August 5, 19 57 Put to producing _____ July 29, 19 57

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 5790 MCF Gallons gasoline per 1,000 cu. ft. of gas No TestRock pressure, lbs. per sq. in. 1335

EMPLOYEES

_____, Driller _____, Driller

Miracle-Lifer Drilling Company, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	TOPS FORMATION
<u>1284</u>	<u>1353</u>	<u>69</u>	<u>Pictured Cliffs</u>
<u>1353</u>	<u>1993</u>	<u>640</u>	<u>Leds</u>
<u>1993</u>	<u>2001</u>	<u>168</u>	<u>Mesa Verde</u>
<u>2001</u>	<u>38-4</u>	<u>203</u>	<u>Point Lookout</u>
<u>38-4</u>	<u>4726</u>	<u>842</u>	<u>Mancus</u>
<u>4726</u>	<u>4884</u>	<u>158</u>	<u>Gallup</u>
<u>4884</u>	<u>5000</u>	<u>116</u>	<u>Lower Gallup</u>

SUMMARY

<u>6-26-57</u>	<u>Spudded.</u>
<u>6-27-57</u>	<u>Set 3-5/8" casing on btm w/150 sx cement.</u>
<u>7-10-57</u>	<u>Pulled core from 4895'.</u>
<u>7-11-57</u>	<u>Prep. to run 5 1/2" casing. Cored 4895' to 4954'. Gas show 4895-4930'.</u>
<u>7-12-57</u>	<u>Set 5 1/2" casing on btm w/150 sx cement.</u>
<u>7-15-57</u>	<u>Wet plug & cement in 5 1/2" casing to 4908'. Ran 2" tubing. Perf. 5 1/2" casing. 16/64" ch. T-340#. CI-750#. Gas at rate of 1150 MCF per day. No oil test 6 hrs. Back 25 B.O.</u>
<u>7-16-57</u>	<u>5000' total depth. From perf. 4892' to 4909' flowed gas at rate of 845 MCF per day for 9 hrs. 10/64" ch. TP-750# to 20-#. No oil. Rig Released 2 P.M.</u>
<u>7-17-57</u>	<u>Shut in moved off Rotary.</u>
<u>7-18-57</u>	<u>Perf. 5 1/2" casing 4918-4931'. Flow 2 B.O. 8 hrs. 16/64" ch. tubing & casing pressures: 95#. No measure on Gas. Shut in at 10:30 P.M. for potential.</u>
<u>7-26-57</u>	<u>After 7 days shut in T-1325#, CI-1333#. After 3 hrs blowdown, Gas volume 476 MCF per day. 48/64" ch. stabilized in 1 hr. Running 4 point back pressure test.</u>

(OVER)

16-43004-4

LOGWELL RECORD—Continued

7-30-57 Potential Test after 4 days shut in TP & CP 1335#. Flow on 1", 3/8", 1/2" & 3/4" ch. Back press. Test. Calculated absolute open flow 5990 MCF per day. Completed 7-18-57. Shut in for Gas connection.

FORMATION

RECORDING AND INDEXING		RECORDING AND INDEXING	
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HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

RESEARCH ON ETHICAL ISSUES

61101 (1964-1965)

[illegible]

1970 JUL 23 2000 3 BR FROM PROTESTANT CHURCH 26 01 00

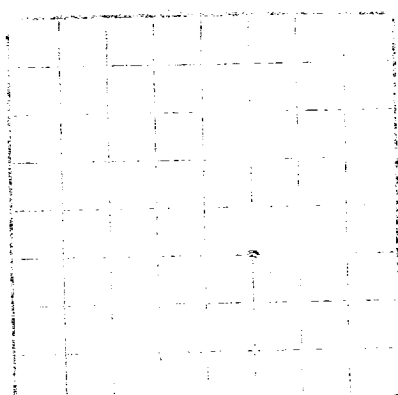
The first machine given, however, is a complete and correct record of the well and its work.

100-443887-1000

10-10-1964

Goldman Sachs

Y. ICHIMOTO, M. KAWABE, A. KASAI



NO. 10 OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY