

[illegible]

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 728 - Hobbs, New Mexico
Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico
Well No. 52 Sec. 9 T. 25-S. R. 32-E Meridian NMPM County Lea
Location 1650ft. [N. 8/1] of S. Line and 330ft. [E. 12/10] of E. Line of Section 9 Elevation 3460' (DF)
(Derive their relative to each 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 July 21, 1961 Title Assistant District Superintendent

Commenced drilling July 7, 1961 Finished drilling July 15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4709' to 4711' No. 4, from _____ to _____
 No. 2, from 4726' to 4728' No. 5, from _____ to _____
 No. 3, from 4742' to 4748' No. 6, from _____ to _____
 Drilled with rotary tools and no water sands tested.

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
7-5/8"	359'	200	Howco		
4-1/2"	482'	150	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to 1829 feet, and from _____ feet to _____ feet

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

DATES

July 21, 1951 Put to producing July 19, 1951
 The production for the first 24 hours was 55 barrels of fluid of which 72% was oil; %
 emulsion; % water; and % sediment. Gravity, °Bé. 12.
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in.

EMPLOYEES

T. E. Slaughter	Driller	Bob Johnson	Driller
James Hunt	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	355	355	Caliche
355	1110	755	Redbed
1110	1880	770	Top of Anhy
1880	4428	2548	Anhy & Salt
4428	4685	257	Line
4685	4829	144	Delaware Sand
Total Depth	4829		
PBTD	4801		
All measurements from rotary table on 8' above ground level.			
Estimate No. <u>5588</u>			<u>Formation Tops</u>
1 - USGS			Anhy - 755'
1 - NWOCG			Top of Salt - 1110'
1 - Mrs. Rhea			Btm of Salt - 4428'
1 - Pauley Pet.			Delaware Sand - 4685'
1 - Division			
1 - Field			
1 - File			

All measurements from rotary table on #1
above ground level.

Estimate No. 5588
 1 - USGS
 1 - NMOCG
 1 - Mrs. Phea
 1 - Pauley Pet.
 1 - Division
 1 - Field
 1 - File

<u>Formation Tops</u>		
Anhy	-	755'
Top of Salt	-	1110'
Bot of Salt	-	4428'
Delaware Sand	-	4685'

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			Deviation Record
			Depth
			150'
			873'
			1 1/4"
			1 "
			3/4"
			1 "
			2225'
			2740'
			2 1/2"
			2 "
			3231'
			2 3/4"
			2710'
			2 "
			1590'
			1674'
			3 3/4"
			1529'

HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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 balling.

Bottom Draw Unit 52

Spudded 9-7/8" hole 4:00 P.M. July 7, 1961. Ran 344' of 7-5/8" O.D. casing and cemented at 359' with 200 sx neat. Plug at 329'. Cement circulated. Tested before and after drilling plug for 30 minutes with 400 PSI. Tested O.K. Job complete 5:00 P.M. July 9, 1961.

Ran 4818' of 4-1/2" O.D. casing and cemented at 4820' with 150 sx incor. Plug at 4801'. Cement did not circulate. Tested before and after drilling plug for 30 minutes with 1500 PSI. Tested O.K. Job complete 1:30 P.M. July 17, 1961. Perforate 4-1/2" O.D. casing with 2 jet shots per ft. 4709' to 4714', 4726' to 4738', and 4742' to 4748'. Acidize with 500 Gal. LST MEA at 1.2 BPM. Prepare to swap test.

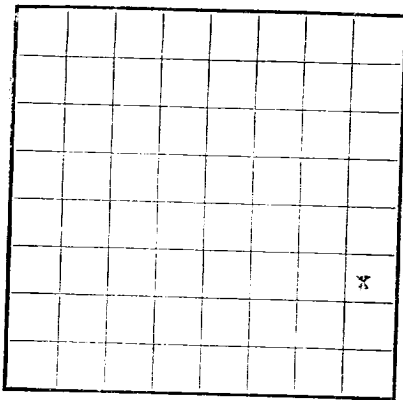
on 24 hr. Swap test well produced 40 BO and 15 BW ending 7:00 P.M. July 20, 1961
GOR - TSIM
Gravity - 42.8
Top of Ray - 4709'
Btm of Ray - 4748'
USGS Date - July 15, 1961
ITWACO Inc. Date - July 20, 1961



LTR



Job separation sheet



LOCATE WELL CORRECTLY

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEECO Inc. Address P.O. Box 710 - Hobbs, New Mexico
Lessor or Tract Cotton Draw Salt Field Unconsolidated State New Mexico
Well No. 52 Sec. 9 T25-S R22-E Meridian NMP County Lea
Location 1450 ft. [N.] of [S.] Line and [23] ft. [E.] of [W.] Line of [Section 9] Elevation 3460' (BS)
(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 July 21, 1961Title Assistant District Superintendent

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

Commenced drilling July 7, 1961 Finished drilling July 15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4702' to 4711' No. 4, from _____ to _____
No. 2, from 4726' to 4736' No. 5, from _____ to _____
No. 3, from 4742' to 4749' No. 6, from _____ to _____
Drilled with rotary tools and no water sands tester.

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>7-5/8"</u>	<u>24.00</u>	<u>8-R</u>	<u>H-40</u>	<u>4711'</u>	<u>Howco</u>	<u>None</u>	<u>None</u>	<u>None</u>	<u>Surface</u>
<u>4-1/2"</u>	<u>9.50</u>	<u>8-R</u>	<u>J-55</u>	<u>4718'</u>	<u>Howco</u>	<u>None</u>	<u>See</u>	<u>Above</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7-5/8"</u>	<u>359'</u>	<u>200</u>	<u>Howco</u>		
<u>4-1/2"</u>	<u>4829'</u>	<u>150</u>	<u>Howco</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 4829 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ July 21, 1961 Put to producing _____ July 15, 1961

The production for the first 24 hours was 56 barrels of fluid of which 7% was oil; _____% emulsion; 3% water; and _____% sediment. Gravity, °Bé. 12.1

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. W. Slaughter, Driller Bob Seagall, Driller
James Hunt, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>355</u>	<u>355</u>	<u>Caliche</u>
<u>355</u>	<u>1110</u>	<u>755</u>	<u>Redbed</u>
<u>1110</u>	<u>1880</u>	<u>770</u>	<u>Top of Anky</u>
<u>1880</u>	<u>4428</u>	<u>2548</u>	<u>Anky & Salt</u>
<u>4428</u>	<u>4685</u>	<u>257</u>	<u>Line</u>
<u>4685</u>	<u>4829</u>	<u>144</u>	<u>Delaware Sand</u>
Total Depth	<u>4829</u>		
POTL	<u>4801</u>		

All measurements from rotary table or 0' above ground level.

Estimate No. <u>5125</u>	Formation tons
1 - USGS	Anky - <u>755'</u>
1 - MOC	Top of Salt - <u>1110'</u>
1 - Mrs. Rhodes	Top of Salt - <u>4428'</u>
1 - Pauley Rec.	Delaware Sand - <u>4685'</u>
1 - Division	
1 - Field	
1 - File	

FROM--	TO--	TOTAL FEET	FORMATION
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[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 "sidetracked", 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.

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

Spaced 9-7/8 hole 1:00 P.M. July 7, 1961. Run 341' of 7-5/8" O.D. casing and cemented at 3291'. Cement circulated. Tested before and after drilling pipe for 30 minutes with 500 PSI. Tested O.K. Job complete 5:00 P.M. July 5, 1961.

Run 1818' of 6-1/2" O.D. casing and cemented at 1525' with 150 sx Incon. Pipe at 1801'. Cement did not circulate. Tested before and after drilling pipe for 30 minutes with 1500 PSI. Tested O.K. Job complete 1:30 P.M. July 17, 1961.

Perforate 6-1/2" O.D. casing with 2 jet shots per ft. 1700' to 1711', 1720' to 1730', and 1742' to 1751'. Holdup with 500 psi IST WVA at 1.2 BPM. Prepare to snub test.

On 21. May 1961, the first test was conducted by the Ministry of Defence at 7:00 P.M. May 20, 1961

000 - 100
 Gravity - 12.5
 Top oil pay - 1709
 Net oil pay - 4778
 1950 - 1951
 1950 - 1951
 1950 - 1951