

Form 9-330

Way to Scotland

Artesia
U. S. LAND OFFICE -----
SERIAL NUMBER -----
LEASE OR PERMIT TO PROSPECT -----
LC-064577-E

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
JUN 16 1961 GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED
OR
JUN 19 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **TEXACO Inc.** Address **P. O. Box 352 - Midland, Texas**
 Lessor or Trust **B. I. Hanson Federal "B"** Field **Snugart** State **New Mexico**
 Well No. **1** Sec. **3** T. **19-S** R. **31-E** Meridian **NMPM** County **Eddy**
 Location **2313** ft. **121** of **5** Line and **991** ft. **121** of **W** Line of **Section 3** Elevation **3603'** (DF)

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 June 13, 1961 Signed [Signature] Title Assistant District Superintendent

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

Commenced drilling January 20, 1961 Finished drilling February 9, 1961

DO YOU OR GAS SANDS OR ZONES

• Remote has bug 69

(Denote gas by G)

No. 1, from 3386	to 3394	No. 4, from 3652	to 3666
No. 2, from 3399	to 3424	No. 5, from	to
No. 3, from 3630	to 3640	No. 6, from	to

and in water sands tested.

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	Exhausted		Purpose
							From—	To—	
7 5/8" 24.00	8-R	H-40	693	Baker	None	None	None	None	Surface
1 1/2" 9.50	8-R	J-25	1091	Baker	None	See Above	None	None	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	705'	250	Howco		
1 1/2"	1162'	300	Howco		

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 _____ feet, and from _____ feet to _____ feet.

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

DATES

DATE _____
 _____ June 13 _____, 1961 _____ Put to producing _____ DRY _____, 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

EMPLOYEES	
W. H. Adams	Fred Schuttermann
-----, Driller	-----, Driller
E. N. DeZell	C. T. Lovelace
-----, Driller	-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Caliche
190	705	515	Redbed
705	1000	295	Anhy
1000	2342	1342	Anhy & Salt
2342	2475	133	Anhy & Shalt
2475	2686	211	Anhy
2686	2826	140	Anhy, Dolomite & Sand
2826	2920	94	Lime
2920	4019	1099	Lime & Dolomite
4019	4162	143	Lime, Dolomite & Sand
Total Depth	4162		
PBTD	4131		
All Measurements from Rotary Table or 9'			
Above Ground Level.			
Estimate No. <u>2405</u>			
1 - USGS			Anhy
1 - NMOC			T Salt
1 - Division			B Salt
1 - Field			Yates
1 - File			Queen
			Penrose
			Grayburg
			690'
			816'
			2280'
			2462'
			3382'
			2638'
			3810'

(OVER)

(OVER)
FBI WASHINGTON RECORD-COUNTDOWN

16-48094-4

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
			Depth 120' 300' 705' 1000' 1410' 1775' 2070' 2500' 2950' 3190' 3580' 3730' 4162' 1/2 1/4 1/4 1/4 1/4 1/4 3/4 1/2 1/2 1/2 1 1 1 1/2 Degrees Off

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, position, and number of shots. If plugs or bridges were put in the test for water, state kind of material used, position, and results of pumping or bailing.

B. I. HANSON FEDERAL "B" WELL NO. 1

Spudded 9 7/8" hole 11:00 P.M. January 20, 1961. Ran 693' of 7 5/8" O.D. casing and cemented at 705' with 250 ex. 4% gel. Plug at 690'. Tested for 30 minutes with 1000 PSI before and after drilling plug. Tested O.K. Job complete 11:05 A.M. January 22, 1961.

IMPORTANT WATER SANDS

Core No. 1, 2670' to 2720', Recovered 50', 100% Dolomite & Sand, No Show, 1-27-61.
 Core No. 2, 24080' to 4131', Recovered 49', 100% Dolomite & Lime, No Show, 2-8-61.
 Core No. 3, 4131' to 4162', Recovered 31', 100% Dolomite & Lime, No Show 2-9-61.

Ran 4151' of 4 1/2" O.D. casing and cemented at 4162' with 300 ex. 4% gel. Plug at 4131'. Tested before and after drilling plug for 30 minutes with 1500 PSI. Tested O.K. Job complete 4:00 P.M. January 12, 1961.

Perforate 4 1/2" O.D. Casing with 2 jet shots per ft. 3386' to 3394', 3399' to 3424', 3630' to 3640', and 3651' to 3664'. Total with 30,000 gals refined and 30,000 lbs. sand, with 500 gals 15% LST NEA, 5 gals Blue Butter mixed with 12 BHLS Lee Crude, between 10,000 gals stages.

Swab well. Well will not produce, prepare to plug and abandon as follows:

1. Spot 15 ex. Plug from 3375' to 3675' O.D. Casing at 2100' and recover same.
 2. Spot 25 ex. Plug from 50' below to 50' above top of unrecoverable casing.
 3. Spot 25 ex. Plug 2200' to 2300'.
 4. Spot 25 ex. Plug 865' to 965'.
 5. Spot 25 ex. cement Plug from 650' to 750' (over surface casing seat).

U.S.G.S. regulations. Clean location for inspection. Plug and abandon complete 8:00 A.M. June 6, 1961

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