

Form 9-330

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M-016709

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

DEC 26 1961

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

ILLEGIBLE

LOCATE WELL CORRECTLY

1422 Bank of the Southwest Bldg.
Houston 2, Texas

Company Curtis Hankamer Address 1422 Bank of the Southwest Bldg. Houston 2, Texas
Lessor or Tract Texaco-Federal Field Wildcat (Calvin Area) State New Mexico
Well No. 2 Sec. 6 T. 19S R. 31E Meridian New Mexico County Eddy
Location 2310 ft. N. of S Line and 1650 ft. W. of E Line of Section 6 Elevation 3534
(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 Phil C. Hankamer Title EngineerDate December 11, 1961

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

Commenced drilling 7/22, 1961 Finished drilling 9/20, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3194 to 3214 No. 4, from 3214 to 3214
No. 2, from 3300 to 3300 No. 5, from 3300 to 3300
No. 3, from 3300 to 3300 No. 6, from 3300 to 3300

IMPORTANT WATER SANDS

No. 1, from 3300 to 3300 No. 3, from 3300 to 3300
No. 2, from 3300 to 3300 No. 4, from 3300 to 3300

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	8	Texaco	865	plug	Surface Casing			Surface Casing
7	23	8	Texaco	3106	bailer	Drilling String			Drilling String
5 1/2	19.5	8	Texaco	3446	plug	Prod. Casing			Prod. Casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	865	110 sxs cement	plug	-	-
7	3106	Mudded	bailer	9%	10 sxs
5 1/2	3446	120 sxs Potmix	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

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

December 11, 1961 Put to producing November 27, 1961

The production for the first 24 hours was 200 barrels of fluid of which 30 % was oil; _____ %
emulsion; 70 % 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

J. G. Crow _____, Driller Robert Terry _____, Driller
L. F. Jennings _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche
30	140	110	Caliche & red rock
140	355	215	THE END OF COMPLETE DRILLER'S LOG
355	385	30	Red Rock
385	445	60	Red Rock
445	535	90	Red Shale & Anby. Shells
535	615	80	Red Rock
615	630	15	Anby.
630	687	57	Anby. & lime
687	690	3	Anby.
690	700	10	Anby. & Red Shale
700	710	10	Anby. & Shale
710	720	10	Anby. & Shale
720	730	10	Anby. & Shale
730	740	10	Anby. & Shale
740	750	10	Anby. & Shale
750	760	10	Anby. & Shale
760	770	10	Anby. & Shale
770	780	10	Anby. & Shale
780	790	10	Anby. & Shale
790	800	10	Anby. & Shale
800	810	10	Anby. & Shale
810	820	10	Anby. & Shale
820	830	10	Anby. & Shale
830	840	10	Anby. & Shale
840	850	10	Anby. & Shale
850	860	10	Anby. & Shale
860	870	10	Anby. & Shale
870	880	10	Anby. & Shale
880	890	10	Anby. & Shale
890	900	10	Anby. & Shale
900	910	10	Anby. & Shale
910	920	10	Anby. & Shale
920	930	10	Anby. & Shale
930	940	10	Anby. & Shale
940	950	10	Anby. & Shale
950	960	10	Anby. & Shale
960	970	10	Anby. & Shale
970	980	10	Anby. & Shale
980	990	10	Anby. & Shale
990	1000	10	Anby. & Shale
1000	1010	10	Anby. & Shale
1010	1020	10	Anby. & Shale
1020	1030	10	Anby. & Shale
1030	1040	10	Anby. & Shale
1040	1050	10	Anby. & Shale
1050	1060	10	Anby. & Shale
1060	1070	10	Anby. & Shale
1070	1080	10	Anby. & Shale
1080	1090	10	Anby. & Shale
1090	1100	10	Anby. & Shale
1100	1110	10	Anby. & Shale
1110	1120	10	Anby. & Shale
1120	1130	10	Anby. & Shale
1130	1140	10	Anby. & Shale
1140	1150	10	Anby. & Shale
1150	1160	10	Anby. & Shale
1160	1170	10	Anby. & Shale
1170	1180	10	Anby. & Shale
1180	1190	10	Anby. & Shale
1190	1200	10	Anby. & Shale
1200	1210	10	Anby. & Shale
1210	1220	10	Anby. & Shale
1220	1230	10	Anby. & Shale
1230	1240	10	Anby. & Shale
1240	1250	10	Anby. & Shale
1250	1260	10	Anby. & Shale
1260	1270	10	Anby. & Shale
1270	1280	10	Anby. & Shale
1280	1290	10	Anby. & Shale
1290	1300	10	Anby. & Shale
1300	1310	10	Anby. & Shale
1310	1320	10	Anby. & Shale
1320	1330	10	Anby. & Shale
1330	1340	10	Anby. & Shale
1340	1350	10	Anby. & Shale
1350	1360	10	Anby. & Shale
1360	1370	10	Anby. & Shale
1370	1380	10	Anby. & Shale
1380	1390	10	Anby. & Shale
1390	1400	10	Anby. & Shale
1400	1410	10	Anby. & Shale
1410	1420	10	Anby. & Shale

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FORMATION	DEPTH, FEET	THICKNESS, FEET	DESCRIPTION
14-17	14.5	0.5	Shale
14-18	15.0	0.5	Shale
14-19	15.5	0.5	Shale
14-20	16.0	0.5	Shale
14-21	16.5	0.5	Shale
14-22	17.0	0.5	Shale
14-23	17.5	0.5	Shale
14-24	18.0	0.5	Shale
14-25	18.5	0.5	Shale
14-26	19.0	0.5	Shale
14-27	19.5	0.5	Shale
14-28	20.0	0.5	Shale
14-29	20.5	0.5	Shale
14-30	21.0	0.5	Shale
14-31	21.5	0.5	Shale
14-32	22.0	0.5	Shale
14-33	22.5	0.5	Shale
14-34	23.0	0.5	Shale
14-35	23.5	0.5	Shale
14-36	24.0	0.5	Shale
14-37	24.5	0.5	Shale
14-38	25.0	0.5	Shale
14-39	25.5	0.5	Shale
14-40	26.0	0.5	Shale
14-41	26.5	0.5	Shale
14-42	27.0	0.5	Shale
14-43	27.5	0.5	Shale
14-44	28.0	0.5	Shale
14-45	28.5	0.5	Shale
14-46	29.0	0.5	Shale
14-47	29.5	0.5	Shale
14-48	30.0	0.5	Shale
14-49	30.5	0.5	Shale
14-50	31.0	0.5	Shale
14-51	31.5	0.5	Shale
14-52	32.0	0.5	Shale
14-53	32.5	0.5	Shale
14-54	33.0	0.5	Shale
14-55	33.5	0.5	Shale
14-56	34.0	0.5	Shale
14-57	34.5	0.5	Shale
14-58	35.0	0.5	Shale
14-59	35.5	0.5	Shale
14-60	36.0	0.5	Shale
14-61	36.5	0.5	Shale
14-62	37.0	0.5	Shale
14-63	37.5	0.5	Shale
14-64	38.0	0.5	Shale
14-65	38.5	0.5	Shale
14-66	39.0	0.5	Shale
14-67	39.5	0.5	Shale
14-68	40.0	0.5	Shale
14-69	40.5	0.5	Shale
14-70	41.0	0.5	Shale
14-71	41.5	0.5	Shale
14-72	42.0	0.5	Shale
14-73	42.5	0.5	Shale
14-74	43.0	0.5	Shale
14-75	43.5	0.5	Shale
14-76	44.0	0.5	Shale
14-77	44.5	0.5	Shale
14-78	45.0	0.5	Shale
14-79	45.5	0.5	Shale
14-80	46.0	0.5	Shale
14-81	46.5	0.5	Shale
14-82	47.0	0.5	Shale
14-83	47.5	0.5	Shale
14-84	48.0	0.5	Shale
14-85	48.5	0.5	Shale
14-86	49.0	0.5	Shale
14-87	49.5	0.5	Shale
14-88	50.0	0.5	Shale
14-89	50.5	0.5	Shale
14-90	51.0	0.5	Shale
14-91	51.5	0.5	Shale
14-92	52.0	0.5	Shale
14-93	52.5	0.5	Shale
14-94	53.0	0.5	Shale
14-95	53.5	0.5	Shale
14-96	54.0	0.5	Shale
14-97	54.5	0.5	Shale
14-98	55.0	0.5	Shale
14-99	55.5	0.5	Shale
15-00	56.0	0.5	Shale

10-5094-2 U. S. GOVERNMENT PRINTING OFFICE

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 date, size, position, and number of shoes. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing. Well was drilled to a T.B. of 3470'. Well was spudded on 7/22/61. 34" casing was run and set 3446 and cemented with 120 sacks of portland cement sufficient to fill in excess of 600' of hole casing. Hole size was 6-5/8" in diameter. Casing was tested and found that fluid was passing through float shoe. Squeezed 100 sacks cement plug with performing gun 3345'. Perforated casing 3332-33 3/4 holes/ft. Tested primary cement job. Pumped into perf. and tracer log and found fluid coming down hole. Squeezed perf. with 50 sacks cement. Perforated 3216-17 and could not pump in - casing cement job ok. Drilled cement out to 3329. Perforated 3330-28 with 7500'. 30-40 sd. and 2100'. 10-20 sd. Perforated formation with 400 gals. 15% HCl acid, 3000 gals. Trac-oil 3204 and 3207-14. Perforated formation with 400 gals. 15% HCl acid, 12,000 gals. Trac-oil, 10,000. 20-40 sd. and 9400'. 10-20 sd. Drilled bridge plug out. Ran rods and tubing. Well up and would not flow. Installed pumping unit. Perforated 11/27/61. Total flush oil used - 450 bbls. Total gas-oil used - 20,000 gals.