

A 10x10 grid with an 'X' in the 5th column and 4th row.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

U. S. GEOLOGICAL SURVEY
SARASOTA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company HUMBLE OIL & REFINING COMPANY Address BOX 2347, HOBBS, NEW MEXICO
 Lessor or Tract NAVAJO TRIBE OF INDIANS "K" NORTH HOGBACK
 Field DAKOTA W/C UNDES. State NEW MEXICO
 Well No. 1 Sec. 31 T. 30N R. 16W Meridian _____ County SAN JUAN
 Location 1980 ft. N. of S. Line and 4620 ft. E. of E. Line of SECTION 31 Elevation 3526
(Overlaid 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 26, 1960 Title AGENT

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

Commenced drilling 5-12-60, 1960 Finished drilling 5-17-60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 310 to 330
No. 2, from 905 to 1060
No. 3, from 1060 to 1073
No. 4, from to
No. 5, 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

Sole casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7-16	9.3	8PT	OPI	300	TEN PAT. HALL BURTON	HALL BURTON		BURTAGH	
7-16	9.3	8PT	OPI	300	HALL BURTON	HALL BURTON		BURTAGH	
INCLONAL OF F ON TWO DIFF.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	116.50				
7"	23	25	HALLIBURTON	-	-
1 1/2"	330	100	HALLIBURTON	-	-

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 ----- 0 ----- feet to ----- 1073 ----- feet, and from ----- feet to ----- feet

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

DATES

_____, 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

..... T. S. Peters, Driller Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	215	215	Shale
215	480	265	Shale & Sand
480	775	295	Shale
775	905	130	Sand & Shale
905	1073	168	Sand
<u>FORMATION TOPS</u>			
	Gallup -	310	
	Dakota -	905	
	Morrison -	1060	

[OVER]

FORMATION RECORD - Continued

16-48094-3

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF JUSTICE
WASHINGTON, D. C. 20530

ADP 6-2.00.000-001

Spudded hole at 1:00 PM 5-12-60. Set 110' of 7 1/2" csg at 117'. Drilled 6-1/4" hole to 1073' TD. Cored from 908-933 and from 933-952. Set cmt plug from 1073- to 823 w/75 sacks cmt. Set plug from 435 to 335 w/35 sacks cement. Set 325' of 4-1/2" csg at 330'. Cement with 100 sacks cement. Perforate 4-1/2" csg from 314 to 320 w/2 shots per ft. Washed perf from 3/4 to 320 w/200 gal HCl acid. Draced perf from 314 to 320 w/1500 gal 1st crude 400# FL-2 and 24000 mesh sand, inf rate 15 B/D. After nine days of testing well failed to produce. Set cmt plug from 327 to 0' w/50 sacks. 617 plugged and abandoned at 1-60.

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.

HISTORY OF OIL OR GAS WELL

10-43094-Z U. S. GOVERNMENT PRINTING OFFICE

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