

A blank grid paper with a small handwritten letter 'K' in the second row, first column.

LOCATE WELL CORRECTLY

RECEIVED
SEP 18 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southwestern, Inc. Address P.O. Box 1116, Lovington, N.M.

Lessor or Tract Carper-Malone Field Shugart State N.M.

Well No. 1 Sec. 4 T. 19S R. 31E Meridian NMPM County Eddy

Location 1650 ft. XX of N Line and 660 ft. XX of W Line of Sec 4 Elevation 3582
(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.

Date 19 September 1961 Title Geologist

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

Commenced drilling 30 May, 19 61 Finished drilling 1 September, 19 61

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3303 to 3360 No. 4, from _____ to _____
 No. 2, from 3340 to 3372 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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
8 5/8	848'	50	pump	32 vis	circulated
5 1/2	3402'	120	pump		

PLUGS AND ADAPTERS

Heaving plug—Material XXXXXX cement Length 98' Depth set 1500-4300
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3½	Konefrac	jet	8tol	9/3/61	3330 & 3348	(16 shots)

TOOLS USED

Rotary tools were used from 3375 feet to 3765 feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 3375 feet, and from _____ feet to _____ feet.

DATES

18 September, 1961 Put to producing 16 September, 1961

The production for the first 24 hours was 100 barrels of fluid of which 50 % was oil; 0 % emulsion; 50 % water; and 0 % sediment. Gravity, °Bé. Approx 31

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ **OC Carter** _____, Driller _____ **Roy Hill** _____, Driller
_____ **F.A. Shepard** _____, Driller _____ _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	735	735	Red beds
735	836	101	Anhydrite
836	2182	1346	Salt
2182	2253	71	At the end of complete driller's
2253	2270	17	Loc. 101, STATE
2270	2333	63	W. 101, STATE
2333	2400	67	Anhydrite
2400	2455	55	Anhy and red shale
2455	2518	63	Anhy
2518	2540	22	Anhy and Dolomite
2540	2570	30	Anhy and gray sand
2570	2600	30	Anhy and red sand and shale
2600	2631	31	anhy
2631	2650	19	Anhy and red sand
2650	2691	41	Anhy and Dolo
2691	2775	84	Dolo and red sand
2775	2812	37	Dolo
2812	2855	43	Red and gray sand
2855	2906	51	Dolo and red sand
2906	2950	44	Dolo and green bentonite
2950	3085	135	Dolo
3085	3085	0	Dolo and gray bentonite
3085	3085	0	Dolomite and anhy
3085	3085	0	Red sand
3085	3095	10	Dolo
3095	3150	55	Red and gray sand
3150	3214	64	red dolo

FORMATION BECOMES--CONTINUED

