

LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
JAN 2 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Kenwood Oil Company Address Box 1537, Hobbs, New Mexico
Lessor or Tract Shugart "A" Field Shugart State New Mexico
Well No. 4 Sec. 29 T. 18S R. 31E Meridian NMPM County Eddy
Location 2310 ft. $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$ of N Line and 1980 ft. $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$ of W Line of Sec. 29 Elevation 3630 (Est)
(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 J. H. Moore

Date December 29, 1961 Title Geologist

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

Commenced drilling November 26, 1961 Finished drilling December 9, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2448 to 2456 No. 4, from 3230 to 3236
No. 2, from 2492 to 2498 No. 5, from 3470 to 3480
No. 3, from 3220 to 3226 No. 6, from 3484 to 3490

IMPORTANT WATER SANDS

No. 1, from None Logged 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—	
8-5/8	24#			744'	Float				Surface Production
4-1/2	9.5#			3630'	Float		3470	3480	
							3484	3490	
							3230	3226	
							3230	3236	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	744'	350	Pump		
4-1/2	3630'	200	Pump		

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
Acidized	3470-90	w/500 gals mud acid	and 3220-36	w/500 gals mud acid.		
Frac'd	with 20,000 gals oil	and 40,000# sand.				

TOOLS USED

Rotary tools were used from 0 feet to 3650 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing December 24, 1961

The production for the first 24 hours was 35 barrels of fluid of which 100% was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 33°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

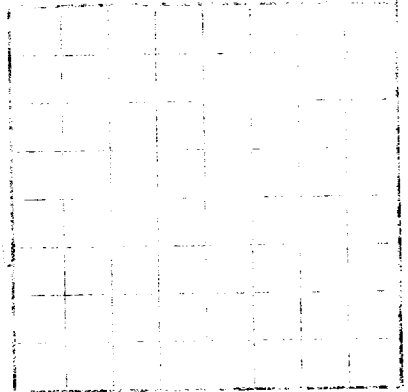
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Red Bed
100	550	450	Red Bed sand and red rock
550	800	250	Red rock and red shale
800	1891	1091	salt and anhydrite
1891	2202	311	Anhydrite
2202	2423	221	Anhydrite, gypsum and red shale
2423	2635	212	Anhydrite
2635	2869	234	Anhydrite and lime
2869	3075	206	Anhydrite
3075	3172	97	Lime and anhydrite
3172	3347	175	Anhydrite and lime
3347	3514	167	Anhydrite and lime
3514	3650	136	Lime
TOPS:	Anhydrite	550	
	Salt	765	
	Yates	2170	
	Seven Rivers	2455	
	Queen	3220	

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LOCATION WELL COMPLETION

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

Table with columns for FROM, TO, TOTAL FEET, and FORMATION. Includes sub-sections for LOGS AND ANALYSES, SPEDING RECORD, and MUDLOGS AND CEMENTING RECORD.

LOG | MARK