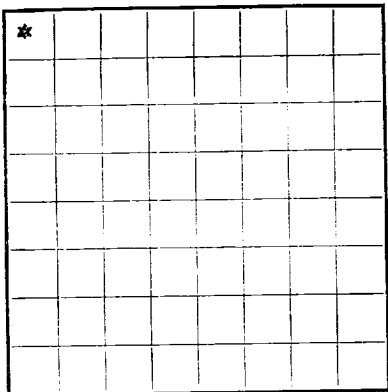


Form 9-330



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southwestern, Inc. Address Box 1116, Lovington, N.M.
Lessor or Tract DeKalb Agric. Assoc. Field Square Lake State New Mexico
Well No. 5 Sec. 5 T 17S R 30E Meridian NMPM County Eddy
Location 330 ft. N. of N. Line and 660 ft. E. of W. Line of W/4 of NW/4 5 Elevation 3695.7
(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 [Signature]

Date April 18, 1959 Title Operator

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

Commenced drilling January 28, 1959 Finished drilling April 3, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2388 to 2395 No. 4, from 2802 to 2826
No. 2, from 2650 to 2660 No. 5, from _____ to _____
No. 3, from 2760 to 2766 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 448 to 458 No. 3, from _____ to _____
No. 2, from 2083 to 2100 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—	
10 3/4	38#	8rd.		421.51		Yes			
8 5/8	24#	8rd.		538'	Reg. Pat. No				
7	24#	8rd.		2132'	Tx. Pat. 2132	Surface string to shut off water			
5 1/2	14#	8rd.		2841	Halliburton No				
							(2656	2668	
							(2768	2774	
							(2810	2826	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	538	50	Denton	Water	-
7	2132	-	-	Mudded	-
5 1/2	2841	150 sx.	Denton	-	-

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 Surface feet to 2843 feet, and from _____ feet to _____ feet

DATES

_____, 1959 Put to producing May 1, 1959
April 3, The production for the first 24 hours was 28 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36

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.P. Bakar _____, Driller W.R. High _____, Driller
Aud Hopper _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	395	395	Red Bed
395	585	585	Anhydrite
585	1040	1040	Salt
1040	1400	1400	Anhydrite and Shale
1400	1480	1480	Anhydrite-Shale and trace dolomite
1480	2080	2080	Primarily Brown Dolomite w/ Anhydrite to 1800' then consisting mainly of Anhydrite to 2080 /w shale, sand and salt from 1825 to 1935
2080	2495	2495	Queen formation marked prominently by Queen Red Sand at top, dolomite and anhydrite w/ brown shale to 2388 picked up Penrose at 2388 sand w/ good stain and apparant porosity. No free oil Picked up Grayburg at 2495 consisting almost entirely of tan to lt. brown Dolomite w/ sand Shale stringers

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2495	2838	2838	A. Loco Hills 2650-2660 washed dark oil and had good staining however oil appears to lack life. B. Anderson-2760 -2766 fine grained and red sand w/ hint of staining C. Premiere 2802-2826 Gray-Brown sand w/ poor fluorescence. Not Apparent stain, however sand hydropobic & washed out rainbow Topped SA at 2838- White dolomite, massive TD 2843.
2838	2843	2843	

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, 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.