

Section 28
#36

RECEIVED

APR 15 1900 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

D. D. D.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORNER

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico

Lessor or Tract Dow #B^m Field Grayburg Jackson State New Mexico

Well No. 36 Sec. 28 T. 17S R. 31E Meridian N.M.P.M. County Eddy

Location 1980 ft. (N.) of S Line and 1980 ft. (E.) of W Line of Sec. 28 Elevation 3774' DF
(Derrick floor relative to sea level)

all work done thereon

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. E. Dandridge

Date April 27, 1960

Title _____ Dist. Supt. _____

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

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Commenced drilling February 12; 19 60 Finished drilling March 23, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3538' to 3561'
 No. 2, from 3570' to 3578'
 No. 3, from 3702' to 3761'
 No. 4, from _____ to _____
 No. 5, 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"	732'	100	Halliburton	-	-
5-1/2"	3688'	425	Halliburton	-	-

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

SHOOTING RECORD						
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

TOOLS USED

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

Cable tools were used from 0 feet to 3780 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- April 21, -----, 19----- 60

The production for the first 24 hours was ----- 55----- barrels of fluid of which 90.9 % was oil; ----- %

emulsion; 9.1 % 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

EMPLOYEES

<u>Wood</u>	, Driller	<u>Fruet</u>	, Driller
<u>Allen</u>	, Driller		, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	536	536	Sand & red beds
536	644	108	Anhydrite
644	1602	958	Salt
1602	1788	186	Anhydrite
1788	2170	282	Sand & anhydrite
2170	2828	658	Dolomite, anhydrite & sand
2828	3014	186	Sand & anhydrite
3014	3246	232	Sand
3246	3570	324	Dolomite & sand
3570	3680	110	Sand
3680	3780	100	Dolomite
	3780	Total Depth	

GEOLOGICAL TOPS BY MCCULLOUGH GAMMA RAY NEUTRON LOG:
5361

GEOLOGICAL TOPS BY ROCK	
Top Anhydrite	536'
Top Salt	644'
Base Salt	1602'
Top Yates	1788'
Top Seven Rivers	2170'
Top Queen	2828'
Top Penrose	3014'
Top Grayburg	3246'
Top Premier	3570'
Top San Andres	3680'

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3000	2950	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2950	2900	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2900	2850	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2850	2800	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2800	2750	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2750	2700	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2700	2650	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
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2600	2550	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2550	2500	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2500	2450	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
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2400	2350	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2350	2300	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2300	2250	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2250	2200	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2200	2150	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2150	2100	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2100	2050	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2050	2000	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
2000	1950	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1950	1900	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1900	1850	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1850	1800	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1800	1750	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1750	1700	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1700	1650	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1650	1600	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1600	1550	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1550	1500	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1500	1450	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
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1400	1350	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1350	1300	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1300	1250	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1250	1200	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1200	1150	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1150	1100	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1100	1050	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1050	1000	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
1000	950	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
950	900	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
900	850	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
850	800	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
800	750	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
750	700	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
700	650	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
650	600	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
600	550	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
550	500	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
500	450	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
450	400	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
400	350	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
350	300	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
300	250	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
250	200	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
200	150	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
150	100	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.
100	50	50	Gravelly sandstone, medium bedded, gray, fossiliferous, contains small pebbles of quartzite and chert.

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

U. S. GOVERNMENT PRINTING OFFICE 10-43094-2

TREATMENT NO. 1 - (Sand Oil) - 3688-3780'
 Spotted 210 gals. Dowell 15% reg. acid on bottom. Ran 2-1/2" tubing with formation down in open hole 3688-3780' at 3600#. Pumped acid and 65 bbls. oil into open hole formation with one pump truck at 3600#. Pumped acid and 65 bbls. oil into well. Fractured down 2-1/2" tubing in open hole 3688-3780' with inf. rate of 5 bbls. per sec. oil, 30,000# 20/40 sand mixed 1/4" to 1/2" per gal. oil and 1500# Adomite by Dowell, Inc. Max. pressure 5550#, min. pressure 3600#. Max. inf. rate 13.9 bbls. per min. Time of treatment 1 hr. & 28 mins. Finished with 125 bbls. oil. Shut down pressure 2600#, dropped to 750# in 6 hrs.

Installed pumping equipment. After recovering all load oil well pumped 50 bbls. (oil and 5 bbls. water in 24 hrs.)

The amount of water in a formation of low permeability is usually determined by the amount of water pumped into the well during a test. The amount of water pumped into the well during a test is usually determined by the amount of water pumped into the well during a test.

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