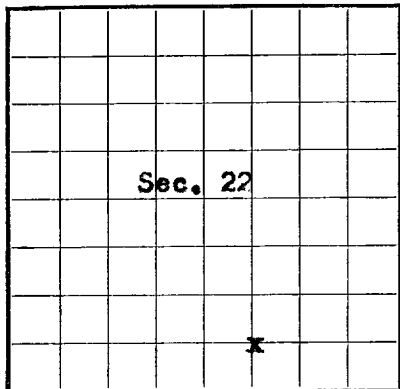




LOCATE WELL CORRECTLY

RECEIVED
FEB 19 1959
U. S. LAND OFFICE
ARTESIAL NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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

Lessor or Tract **Lynch "A"** Field **Grayburg Jackson** State **New Mexico**

Well No. **12** Sec. **22** T. **17S** R. **31E** Meridian **NMPM** County **Eddy**

Location **660** ft. **N.** of **S.** Line and **1980** ft. **E.** of **E.** Line of **Sec. 22** Elevation **3830'** **DF**
(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 **February 19, 1959** Title **Dist. Supt.**

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

Commenced drilling **December 31**, 19 **58** Finished drilling **February 2**, 19 **59**

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

No. 1, from **2391'** to **2412'** No. 4, from **3636'** to **3704'**

No. 2, from **3253'** to **3476'** No. 5, from _____ to _____

No. 3, from **3501'** to **3594'** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	22.7		Armco S.	742'	Float				
5-1/2"	14.5	8	SS J-55	3640'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	751'	150	Halliburton		
5-1/2"	3618'	330	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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **0** feet to **3710** feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **February 16**, 19 **59**

The production for the first 24 hours was **52.8** barrels of fluid of which **99.9** % was oil; _____ % emulsion; **1** % water; and _____ % sediment. Gravity, °Bé. **39.5**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Cape _____, Driller **Rinehart** _____, Driller

Gantry _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	475	475	Sand & Redbeds
475	660	185	Anhydrite
660	1623	963	Salt
1623	1785	162	Anhydrite & Dolomite
1785	2156	371	Sand & Anhydrite
2156	2771	615	Dolomite & Anhydrite
2771	2946	175	Sand & Dolomite
2946	3186	240	Sand & Anhydrite
3186	3496	310	Dolomite & sand
3496	3604	108	Sand
3604	3710	106	Dolomite

GEOLOGICAL TOPS BY McCULLOUGH GAMMA RAY-NEUTRON LOG:

Top Anhydrite	475'
Top Salt	660'
Base Salt	1623'
Top Yates	1785'
Top 7-Rivers	2156'
Top Queen	2771'
Top Penrose	2946'
Top Grayburg	3186'
Top Premier	3496'
Top San Andres	3604'

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.

FACTORY TREATMENT 3618-3710 : CANNING RECORD

Ran 2" tubing to 3593', pumped in 350 gal. 15% acid, flushed with 140 bbls. oil
 at max. pressure of 3700# with injection rate of 36 bbls. per min. Fractured in
 open hole 3618-3710' with 55,566 gals. lease oil and 67,000# sand. Started
 treatment with sand mixed 3 1/4% per gal. oil and ended treatment with 1-1/2# sand
 per gal. oil. Max pressure 3700# broke to 3300#. Max. inj. rate 36 bbls. per min
 min. inj. rate 35 bbls. per min. Time of treatment 45 mins. Shut down pressure
 1700# dropped to 900# in 16 hrs.

After recovering all load oil well flowed 53 bbls. new oil through 3/4" choke in 24 Based on 44 bbls. new oil through 3/4" choke in 20 hrs., TP 0-200#, CP 350#, Shakedown 1/10 of 1% BSKM.