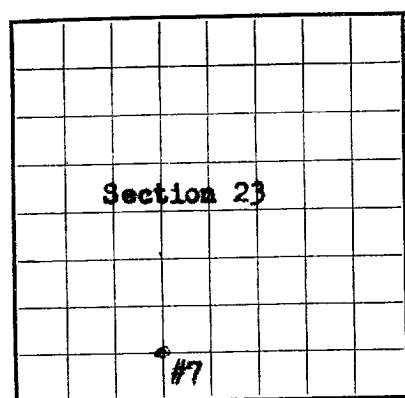


U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029418 (B)

LEASE OR PERMIT TO PROSPECT -----



LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

APR 20 1967
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico
 Lessor or Tract Lea "B" Field Grayburg Jackson State New Mexico
 Well No. 7 Sec. 23 T. 17S R. 31E Meridian N.M.P.M. County Eddy
 Location 660 ft. 27 of S Line and 1980 ft. 17 of Line of Sec. 23 Elevation 3862' DF
 (Depth four 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

Date April 19, 1960

Title	Dist.	Supt.
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100. <i>...</i>	...	...

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

Commenced drilling March 4, 1960 Finished drilling April 3, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	2266'	to	2450'	No. 4, from	3614'	to	3795'
No. 2, from	3208'	to	3500'	No. 5, from		to	
No. 3, from	3528'	to	3618'	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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	12 1/2	8-8	8-8	169	1	1			8-8
5-1/2	15 1/2	8-8	8-8	169	1	1			8-8
HISTORY OF CUT OF CUT MEET									
TO: 43082-2									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	778'	100	Halliburton	-	-
5-1/2"	3634'	375	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 3798 feet, and from _____ feet to _____ feet

DATES

Put to producing April 9, 1960

The production for the first 24 hours was 4.81 barrels of fluid of which 99.9 % was oil; ----- % emulsion; ----- % water; and .1 % sediment. Gravity, °Bé. 38.9°

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Thomas	Driller	Rinehart	Driller
Gentry	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	540	540	Sand & red beds
540	727	187	Anhydrite
727	1658	931	Salt
1658	1836	178	Anhydrite
1836	2202	366	Sand & anhydrite
2202	2823	621	Dolomite, anhydrite & sand
2823	2994	171	Sand & anhydrite
2994	3218	224	Sand
3218	3529	311	Dolomite & sand
3529	3620	91	Sand
3620	3798	178	Dolomite
	3798	Total Depth	

GEOLOGICAL TOP BY MCCULLOUGH GAMMA RAY Neutron Log:

Top Anhydrite	540'
Top Salt	727'
Base Salt	1658'
Top Yates	1836'
Top Seven Rivers	2202'
Top Queen	2823'
Top Penrose	2994'
Top Grayburg	3218'
Top Premier	3529'
Top San Andres	3620'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company: _____
Lessor or Trust: _____
Well No.: _____
Location: _____
The information given here is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.
Spaced _____

State: _____
County: _____
Section: _____
Twp. _____
R. _____
Address: _____
Field No.: _____
Date of completion: _____

After recovering all lost oil well flowed 481 bbls. all in 24 hrs. through 3/4" choke,
C.P. 470#, I.P. 70#.

Completed drilling _____
1 hr. & 4 mins. Shut down pressure 2700#, dropped to 1050# in 6 hrs.
Max. inf. rate 26.4 bbls. per min. Plugged with 130 bbls. oil. Time of treatment
gal. at 3400# with inf. rate of 26.4 bbls. per min. Max. treating pressure 3900#.
3400# pumped in remaining 300 bbls. oil and 20,000# sand mixed 1/4" to 1/2" sand per
pressure broke to 3200#. Spotted 1500# with balls & pressure increased from 3200# to
1-3/4" sand per gal. at max. pressure of 3900# and max. inf. rate of 26 bbls. per min.,
balls by Howell, Inc. Pumped in 1032 bbls. oil and 50,000# sand mixed 1/4" to
3637-3798' with 1332 bbls. 1st. 600#, 20/40 sand, 800# Adomite and 1500# with
increased to 3900# with inf. rate of 26 bbls. per min. Fractured open hole section
with inf. rate of 5 bbls. per min. Started up 3 additional pump trucks and pressure
one hour. Loaded hole with oil and broke formation down with one pump truck at 3100#
Ran 2" tubing to 3607'. Spotted 500 balls. Howell, Inc. acid on bottom. Let acid soak
Treatment No. 1 - (sand oil) - 3637-3798'.

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 bathing.

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

HISTORY OF OIL OR GAS WELL

FORMATION RECORD			
FROM-	TO-	TOTAL FEET	FORMATION
3607'	3637'	30'	Oil sand
3637'	3798'	161'	Oil sand
3798'	3800'	2'	Oil sand
3800'	3801'	1'	Oil sand
3801'	3802'	1'	Oil sand
3802'	3803'	1'	Oil sand
3803'	3804'	1'	Oil sand
3804'	3805'	1'	Oil sand
3805'	3806'	1'	Oil sand
3806'	3807'	1'	Oil sand
3807'	3808'	1'	Oil sand
3808'	3809'	1'	Oil sand
3809'	3810'	1'	Oil sand
3810'	3811'	1'	Oil sand
3811'	3812'	1'	Oil sand
3812'	3813'	1'	Oil sand
3813'	3814'	1'	Oil sand
3814'	3815'	1'	Oil sand
3815'	3816'	1'	Oil sand
3816'	3817'	1'	Oil sand
3817'	3818'	1'	Oil sand
3818'	3819'	1'	Oil sand
3819'	3820'	1'	Oil sand
3820'	3821'	1'	Oil sand
3821'	3822'	1'	Oil sand
3822'	3823'	1'	Oil sand
3823'	3824'	1'	Oil sand
3824'	3825'	1'	Oil sand
3825'	3826'	1'	Oil sand
3826'	3827'	1'	Oil sand
3827'	3828'	1'	Oil sand
3828'	3829'	1'	Oil sand
3829'	3830'	1'	Oil sand
3830'	3831'	1'	Oil sand
3831'	3832'	1'	Oil sand
3832'	3833'	1'	Oil sand
3833'	3834'	1'	Oil sand
3834'	3835'	1'	Oil sand
3835'	3836'	1'	Oil sand
3836'	3837'	1'	Oil sand
3837'	3838'	1'	Oil sand
3838'	3839'	1'	Oil sand
3839'	3840'	1'	Oil sand
3840'	3841'	1'	Oil sand
3841'	3842'	1'	Oil sand
3842'	3843'	1'	Oil sand
3843'	3844'	1'	Oil sand
3844'	3845'	1'	Oil sand
3845'	3846'	1'	Oil sand
3846'	3847'	1'	Oil sand
3847'	3848'	1'	Oil sand
3848'	3849'	1'	Oil sand
3849'	3850'	1'	Oil sand
3850'	3851'	1'	Oil sand
3851'	3852'	1'	Oil sand
3852'	3853'	1'	Oil sand
3853'	3854'	1'	Oil sand
3854'	3855'	1'	Oil sand
3855'	3856'	1'	Oil sand
3856'	3857'	1'	Oil sand
3857'	3858'	1'	Oil sand
3858'	3859'	1'	Oil sand
3859'	3860'	1'	Oil sand
3860'	3861'	1'	Oil sand
3861'	3862'	1'	Oil sand
3862'	3863'	1'	Oil sand
3863'	3864'	1'	Oil sand
3864'	3865'	1'	Oil sand
3865'	3866'	1'	Oil sand
3866'	3867'	1'	Oil sand
3867'	3868'	1'	Oil sand
3868'	3869'	1'	Oil sand
3869'	3870'	1'	Oil sand
3870'	3871'	1'	Oil sand
3871'	3872'	1'	Oil sand
3872'	3873'	1'	Oil sand
3873'	3874'	1'	Oil sand
3874'	3875'	1'	Oil sand
3875'	3876'	1'	Oil sand
3876'	3877'	1'	Oil sand
3877'	3878'	1'	Oil sand
3878'	3879'	1'	Oil sand
3879'	3880'	1'	Oil sand
3880'	3881'	1'	Oil sand
3881'	3882'	1'	Oil sand
3882'	3883'	1'	Oil sand
3883'	3884'	1'	Oil sand
3884'	3885'	1'	Oil sand
3885'	3886'	1'	Oil sand
3886'	3887'	1'	Oil sand
3887'	3888'	1'	Oil sand
3888'	3889'	1'	Oil sand
3889'	3890'	1'	Oil sand
3890'	3891'	1'	Oil sand
3891'	3892'	1'	Oil sand
3892'	3893'	1'	Oil sand
3893'	3894'	1'	Oil sand
3894'	3895'	1'	Oil sand
3895'	3896'	1'	Oil sand
3896'	3897'	1'	Oil sand
3897'	3898'	1'	Oil sand
3898'	3899'	1'	Oil sand
3899'	3900'	1'	Oil sand
3900'	3901'	1'	Oil sand
3901'	3902'	1'	Oil sand
3902'	3903'	1'	Oil sand
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3904'	3905'	1'	Oil sand
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3918'	3919'	1'	Oil sand
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3920'	3921'	1'	Oil sand
3921'	3922'	1'	Oil sand
3922'	3923'	1'	Oil sand
3923'	3924'	1'	Oil sand
3924'	3925'	1'	Oil sand
3925'	3926'	1'	Oil sand
3926'	3927'	1'	Oil sand
3927'	3928'	1'	Oil sand
3928'	3929'	1'	Oil sand
3929'	3930'	1'	Oil sand
3930'	3931'	1'	Oil sand
3931'	3932'	1'	Oil sand
3932'	3933'	1'	Oil sand
3933'	3934'	1'	Oil sand
3934'	3935'	1'	Oil sand
3935'	3936'	1'	Oil sand
3936'	3937'	1'	Oil sand
3937'	3938'	1'	Oil sand
3938'	3939'	1'	Oil sand
3939'	3940'	1'	Oil sand
3940'	3941'	1'	Oil sand
3941'	3942'	1'	Oil sand
3942'	3943'	1'	Oil sand
3943'	3944'	1'	Oil sand
3944'	3945'	1'	Oil sand
3945'	3946'	1'	Oil sand
3946'	3947'	1'	Oil sand
3947'	3948'	1'	Oil sand
3948'	3949'	1'	Oil sand
3949'	3950'	1'	Oil sand
3950'	3951'	1'	Oil sand
3951'	3952'	1'	Oil sand
3952'	3953'	1'	Oil sand
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3957'	3958'	1'	Oil sand
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3961'	3962'	1'	Oil sand
3962'	3963'	1'	Oil sand
3963'	3964'	1'	Oil sand
3964'	3965'	1'	Oil sand
3965'	3966'	1'	Oil sand
3966'	3967'	1'	Oil sand
3967'	3968'	1'	Oil sand
3968'	3969'	1'	Oil sand
3969'	3970'	1'	Oil sand
3970'	3971'	1'	Oil sand
3971'	3972'	1'	Oil sand
3972'	3973'	1'	Oil sand
3973'	3974'	1'	Oil sand
3974'	3975'	1'	Oil sand
3975'	3976'	1'	Oil sand
3976'	3977'	1'	Oil sand
3977'	3978'	1'	Oil sand
3978'	3979'	1'	Oil sand
3979'	3980'	1'	Oil sand
3980'	3981'	1'	Oil sand
3981'	3982'	1'	Oil sand
3982'	3983'	1'	Oil sand
3983'	3984'	1'	Oil sand
3984'	3985'	1'	Oil sand
3985'	3986'	1'	Oil sand
3986'	3987'	1'	Oil sand
3987'	3988'	1'	Oil sand
3988'	3989'	1'	Oil sand
3989'	3990'	1'	Oil sand
3990'	3991'	1'	Oil sand
3991'	3992'	1'	Oil sand
3992'	3993'	1'	Oil sand
3993'	3994'	1'	Oil sand
3994'	3995'	1'	Oil sand
3995'	3996'	1'	Oil sand
3996'	3997'	1'	Oil sand
3997'	3998'	1'	Oil sand
3998'	3999'	1'	Oil sand
3999'	4000'	1'	Oil sand

FORMATION RECORD—Continued