

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF 080539

LEASE OR PERMIT TO PROSPECT -----

W. F. Hurt

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

x #1

Sen. 13

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL.

Company Skelly Oil Company Address Box 426 - Farmington, New Mexico
Lessor or Tract W. F. Hurt Field Undesignated State New Mexico
Well No. 1 Sec. 13 T25N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. [S.] of N Line and 1650 ft. [E.] of W Line of Section 13 Elevation 7318' Gr.

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.

Date January 28, 1959 Signed _____ Title District Superintendent

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

Commenced drilling ----- **May 18**, 19**57** Finished drilling ----- **April 28**, 19**58**

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

(Denote gas by G)

No. 1, from ----- to ----- No. 2, from ----- to ----- No. 3, from ----- to -----	No. 4, from ----- to ----- No. 5, from ----- to ----- No. 6, from ----- to -----
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IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

OD	Size casing	Weight per foot	Threads per inch	Make	Amount LTM	Kind of shoe	Cut and pulled from	Perforated		Purpose
								From—	To—	
10-3/4"	32.75#	8R	H-40	146	Cement guide					
7"	20#	8R	J-55	3877			855'		3820'	Testing
5"	13#	8R	J-55	2477				5462'	5524'	Testing
								5534'	5540'	Testing
								5592'	5604'	Testing
								5660'	5690'	Testing

MUDDING AND CEMENTING RECORD

OD casing	Size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"		154'	150	Halliburton		
7"		3885'	150	Halliburton		
5-1/2"		6179'	500	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

See Reverse Side

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 61.79 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Flugged & Abandoned

January 28, 1959 ~~Investigation~~ Plugged & Abandoned April 28, 1958

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% 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

Banner Drilling Company	Driller	Driller
Rutledge Drilling Company	Driller	Driller

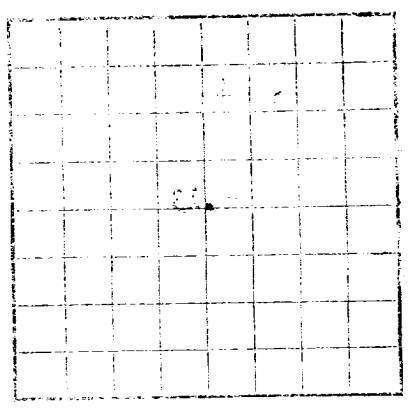
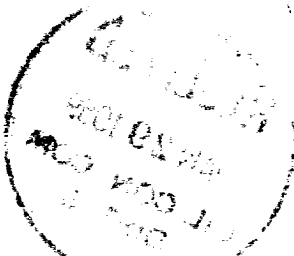
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3788	3788	Sand & Shale
3788	3889	101	Sand & Shale - Top Pictured Cliffs 3788'
3889	5454	1565	Sand & Shale
5454	5953	499	Sand & Shale - Top Cliff House 5454'
5953	6179	226	Sand & Shale - Top Point Lookout 5953'
DEPTH		6179'	

PLUGGED AND ABANDONED April 28, 1958.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Company, _____
Location on Map, _____
Section, _____
Twp. _____, R. _____, S. _____
Location of well, _____
The information given hereafter is a complete and correct record of the work done thereon
as far as can be determined from all available records.
Signed, _____
Date, _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

PERMANENT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of joints. 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

FROM	TO	TOTAL FEET	FORMATION
Set 7" OD casing at 3885' & cemented w/150 lbs. cement. Temperature survey indicated top of cement at 3895' behind 7" OD casing.			
Performed 7" OD casing 3790-3820' w/4 shots per ft. Sand-freced thru perfs. w/40,000# sand & 40,320 gals. water. BDP 2200#. Ran 2" tubing, set at 3789' & commenced swabbing water on June 13, 1957. June 17, 1957 still swabbing, thru 2" tubing, recovering 4 Bbls. Squeezed casing perfs. 3790-3820' w/150 lbs. cement.			
June 19, 1957 - Shut down while consideration is being given to drilling deeper.			
November 3, 1957 - Moved rotary tool back in & drilled cement out of 7" OD casing. Drilled to 6180'. Reached total depth January 2, 1958.			
Set 5" OD liner at 6179', w/top of liner as 3698', cemented w/275 lbs. cement. Temperature survey indicated top of cement behind liner at 5560'. Squeezed around top of liner, let known stage-300 lbs., and stage-100 lbs., 3rd stage-100 lbs. cement.			
Drilled cement out of 5" OD casing liner & cleaned out to 6144'.			
Performed 5" OD casing liner w/4 shots 5995-6000'. Drill stem tested & then squeezed off w/175 lbs. cement.			
Performed 5" OD casing liner w/4 shots per ft. as follows: 5750-5784' - 34' 136 shots 5954-6000' - 46' 184 shots 80' 320 shots			
Sand-freced thru perfs. 5750-5784', 5954-6000' w/50,000# sand & 50,000 gals. water. BDP 1400#. Max. TP 2500#, Min. TP 2300#, Int. Press 61.9 Bbl.			
Set Baker Retrievable bridge plug at 5700'.			
Performed 5" OD casing liner w/4 shots per ft. as follows:			
5462-5524' 62' 248 shots 5524-5540' 6' 24 shots 5540-5560' 12' 48 shots 5560-5690' 30' 120 shots 110' 240 shots			
Sand-freced thru perfs. 5462-5524', 5534-40', 5592-5604', & 5660-90' w/50,000# sand & 50,000 gals. water. BDP 1700#. Max. TP 2000#, Min. TP 1800#			
Pulled Baker bridge plug at 5700' to 3700' & hung up. Could not recover bridge plug, worked down to 5905'. Tested well from December 21, 1957 thru February 1, 1958, no production.			
Squeezed perfs. 5462-5524', 5534-40', 5592-5604', 5660-90' & 5750-84' w/200 lbs. cement.			
Pulled 27 joints (855') of 7" OD casing.			
Spotted cement plug as follows: 154-104' in bottom of surface casing & 50' in top of surface casing.			