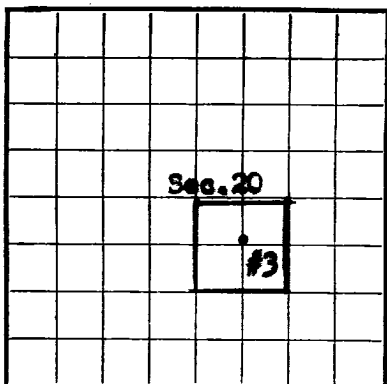
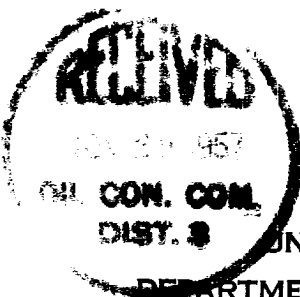




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **N.M. 013492**

LEASE OR PERMIT TO PROSPECT

A. L. Duff No. 3

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **SKELLY OIL COMPANY** Address **Box 426, Farmington, New Mexico**
Lessor or Tract **A. L. Duff** Field **Bisti (Gallup)** State **New Mexico**
Well No. **3** Sec. **20** T. **26N** R. **13W** Meridian **N.M.P.M.** County **San Juan**
Location **1980** ft. **[N.]** of **S.** Line and **1980** ft. **[W.]** of **E.** Line of **Section 20** Elevation **6455'** **D.P.**
(Derrick floor relative to sea level) **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.

Signed

Date **November 27, 1957**Title **District Superintendent**

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

Commenced drilling **September 29, 1957** Finished drilling **October 10, 1957**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5255'** to **5275'** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

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	Kind of shoe	Cut and pulled from	Perforated		Purpose
								From—	To—	
	10-3/4"	32.75#	8R	H-40	271'	Halliburton				
	5-1/2"	14#	8R	H-40	5347'	Halliburton				

MUDDING AND CEMENTING RECORD

OD	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	10-3/4"	269'	275	Circulated		
	5-1/2"	5344'	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

Sand & Oil Free.

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Frased down 5 1/2" OD casing, thru perforations 5255-75' w/40,000# sand and 40,000 gals. crude oil. BDP 2700#, Max. TP 2600, Min. TP 2450#, Inj. rate 45.8 bbls. per min. Flushed with 180 bbls. crude oil.						

TOOLS USED

Rotary tools were used from **0** feet to **5347** feet, and from _____ feet to _____ feet

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

DATES

November 27, 1957 Put to producing November 25, 1957

The production for the first 24 hours was **180** barrels of fluid of which **99.8%** was oil; **.2%** 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

Empire States Drilling Corporation, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1566	1566	Sand & Shale
1566	1712	146	Pictured Cliffs
1712	3087	1375	Lewis
3087	3125	38	Cliff House
3125	4050	925	Menefee
4050	4205	155	Point Lookout
4205	5144	939	Mancoes
5144	5250	106	Gallup "H"
5250	5347	97	Gallup "J"
TOTAL DEPTH		5347	
PLUG BACK TOTAL DEPTH		5309	

FROM

TO

TOTAL FEET

FORMATION

(OVER)

16-43094-4

 U.S. LAND OFFICE
 SERIAL NUMBER

 LAND OR PERMIT TO PROSPECT

 A. L. Burt No. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

1000

LOCATE WELL CORRECTLY

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 _____

Well No. 3 Sec. 26 T. 28 N. R. 13 E. Meridian

Location 1080 ft. N. of E. Lane and 1020 ft. W. of E. Line of Section No. _____

Elevation 6552' (Depth 100' relative to sea level)

County San Juan State New Mexico

Lessor or Tract A. L. Smith Field State (County) New Mexico

Company EXCELX OIL COMPANY Address Box 406 Washington, New Mexico

Completed drilling _____ October 29, 1957
The summary on this page is for the condition of the well at above date.
Date _____ November 27, 1957 Title _____ District Superintendent

(Denotes gas pay G)
OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	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

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 determined to be left in the well, give the size and location. Also state the type of material used, position, and results in pumping or hauling. If changes or repairs were put in the well for water, state kind of material used, position, and results in pumping or hauling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

MILPILING AND CEMENTING RECORD

OD Shrink	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-10"	"	75%	"	"	"
10-3 1/4"	"	75%	"	"	"

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATES

	November 27, 1927	November 28, 1927
If gas well cut off per 24 hours		
Gallons gasoline per 1,000 cu. ft. of gas		
Gravity, °Bé.		
% water; and % sediment.		
The production for the first 24 hours was		
_____ barrels of fluid of which _____% was oil:	180	29.8%
Put to producing		

EMPLOYEES

Driller	Engine states Drilling Corporation
Driller	

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1566	1566	Sand & shale
1566	1713	146	Harder clastic
1713	3087	1375	lenses
3087	3132	35	Cliff House
3132	4050	918	Meneloa
4050	4802	752	Point Lookout
4802	5174	372	Mancoas
5174	5520	346	Gallup "H"
5520	5947	427	Gallup "L"
TOTAL DEPTH		5947	
SLUG EACH TOTAL DEPTH		5909	
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

FORMATION