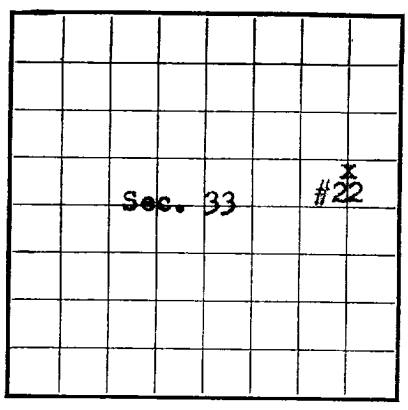
Form 9-330 2 - CC - Sent O.C.C. - 4-24-59

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Contract #34
LEASE OR PERMIT TO PROSPECT Jicarilla "C"



LOCATE WELL CORRECTLY

RECEIVED
APR 28 1959
OIL CON. COM.
DIST. 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 Jicarilla "C" Field Otero (Gallup) State New Mexico

Well No. 22 Sec. 33 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba

Location 1980 ft. {N./S.} of N Line and 660 ft. {E./W.} of E Line of Section 33 Elevation 6793'
(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 (Signed) P. E. Cosper

Date April 24, 1959 Title District Superintendent

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

Commenced drilling 12-26, 19 58 Finished drilling 1-17, 19 59

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6148 to 6158 No. 4, from 6242 to 6252

No. 2, from 6182 to 6196 No. 5, from to

No. 3, from 6206 to 6228 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

Size casing OD	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4	32.75#	8R	H-40	292	Cement guide				
5-1/2	15.5#	8R	J-55	6327	Cement guide		6148	6158	Production
					Float collar		6182	6196	"
							6206	6228	"
							6242	6252	"

MUDDING AND CEMENTING RECORD

Size casing OD	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	305	300	Halliburton		
5-1/2"	6291	739 (2-stage)	Halliburton		

Temperature survey on 1st stage indicated top of cement behind 5½" OD casing at 5270'.
Temperature survey on 2nd stage indicated top of cement behind 5½" OD casing at 2090'.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Well was Sand/Oil Fraced

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

Fraced Gallup formation w/25,000# 20/40 Sand & 25,200 gals Lse. Oil by Dowell, Inc. BDP 2700#, Max. TP 2700#, Min. TP 2400#, Inj. rate 24 BPM. Standing pressure 1300#.

TOOLS USED

Rotary tools were used from 0 feet to 6300 feet, and from feet to feet

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

DATES

April 24, 19 59 Put to producing April 13, 19 59

The production for the first 24 hours was 87 barrels of fluid of which 999 % was oil; 1 % emulsion; 0 % water; and % sediment. GOR 1735:1 Gravity, °Bé. 41.6

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Nichols Drilling Co., Inc., Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2785	2785	Sand and Shale
2785	2844	59	Sand and Shale - Top Pictured Cliffs 2785'
2844	4347	1503	Sand and Shale - Top Lewis 2844'
4347	4420	73	Sand and Shale - Top Cliff House 4347'
4420	4964	544	Sand and Shale - Top Menefee 4420'
4964	5150	186	Sand and Shale - Top Point Lookout 4964'
5150	6086	936	Sand and Shale - Top Mancos 5150'
6086	6300	214	Sand and Shale - Top Gallup 6086'

Tops by Schlumberger Induction-Electric Log

TOTAL DEPTH 6300'

PLUGGED BACK TOTAL DEPTH 6275'

FOLD | MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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.