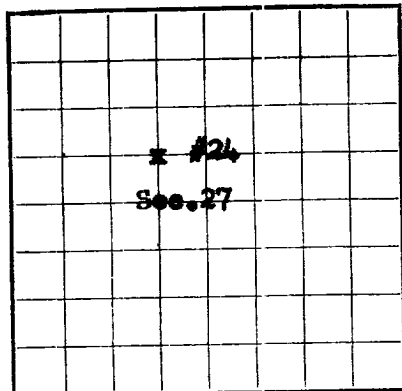
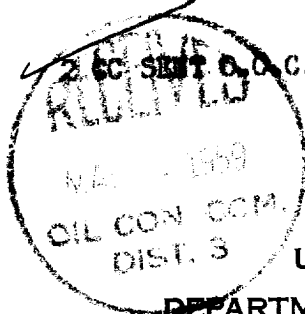


260-5810 O.C. 5/8/59

Budget Bureau No. 42-E355.4.
Approval expires 12-31-60.U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Jicarilla "C"
LEASE OR PERMIT TO PROSPECT _____
Contract #34

LOCATE WELL CORRECTLY

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. 24 Sec. 27 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1980 ft. N of N Line and 1980 ft. E of W Line of Section 27 Elevation 6670
(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) H. E. AabDate May 8, 1959Title District Foreman

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

Commenced drilling February 26, 1959 Finished drilling March 13, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6111 to 6119 No. 4, from 6211 to 6219
No. 2, from 6142 to 6160 No. 5, from _____ to _____
No. 3, from 6172 to 6198 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	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	82.75	8	40	498	Common guide	_____	6111	6198	Production
5-1/2"	15.5	8	40	432	Common guide & float collar.	_____	_____	_____	_____
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	309'	300	Bj Service, Inc.		
5-1/2"	6295'	750	Halliburton		
Temperature survey on 1st stage indicated top of cement behind 5 1/2" OD casing at 5035'.					
Temperature survey on 2nd stage indicated top of cement behind 5 1/2" OD casing at 1612'.					

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
Fired down 5 1/2" OD casing & 2" tubing thru 5 1/2" OD casing perfor. w/15,225# 20/40 sand & 21,420 gals. lss. oil by Powell, Inc., using 70 rubber free balls. BDP 2300#, Max. TP 3500#, Min. TP 2300#, Inj. Rate 31.4 BPM. Standing pressure 1200#, in 10 min. 1000#.						

TOOLS USED

Rotary tools were used from _____ feet to 6300 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ May 8 19 59 Put to producing _____ April 13, 19 59
The production for the first 24 hours was 51 barrels of fluid of which 99.8% was oil; .2%
emulsion; 0% water; and _____% sediment. Gravity, °Bé. 41.6
If gas well, cu. ft. per 24 hours _____ GOR 3766:1
Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

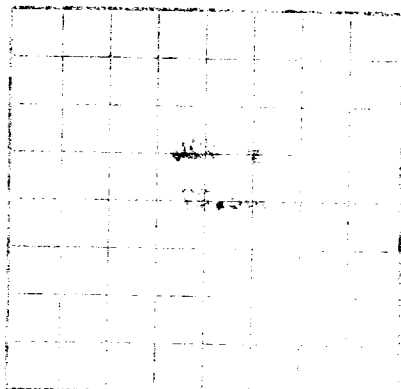
_____Nichols Drilling Co., Inc._____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2747	2747	Sand & Shale
2747	2795	48	Sand & Shale - Top Pictured Cliffs 2747'
2795	4353	1558	Sand & Shale - Top Lewis 2795'
4353	4933	580	Sand & Shale - Top Mesa Verde 4353'
4933	5127	194	Sand & Shale - Top Point Lookout 4933'
5127	6014	887	Sand & Shale - Top Mancos 5127'
6014	6140	126	Sand & Shale - Top Gallup 6014'
6140	6300	160	Sand & Shale - Top Middle Gallup 6140'
TOTAL DEPTH			Tops by Schlumberger Induction-Electrical Log.
PLUGGED BACK TOTAL DEPTH		6255'	

(OVER)

FORMATION RECORD—Continued



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL

Location of well, Township, Range, Section, Meridian, County, State, and nearest place.
Name of owner, and name of operator.
Date of completion of well.
The information given herewith is a complete and correct record of the well and all work done thereon.
Signed _____

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

OIL OR GAS SANDS OR ZONES

(Leads out of 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 _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

CASING RECORD

It is of the greatest importance to have a complete history of the well, and to have the casing record, 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 either added or taken out, give the 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 pulling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Number of sacks of cement used _____
Kind of mud used _____
Amount of mud used _____
Mud grade _____

SHOOTING RECORD

Shot used _____
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 _____ feet to _____ feet and from _____ feet to _____ feet.

DATES

Put in production _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil and _____ was gas.
It gas well, oil per 24 hours _____
It gas well, gas per 24 hours _____
It gas well, total per 24 hours _____

EMPLOYEES

Driller _____
Helper _____
Tender _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Gravelly sand
10	20	20	Gravelly sand
20	30	30	Gravelly sand
30	40	40	Gravelly sand
40	50	50	Gravelly sand
50	60	60	Gravelly sand
60	70	70	Gravelly sand
70	80	80	Gravelly sand
80	90	90	Gravelly sand
90	100	100	Gravelly sand
100	110	110	Gravelly sand
110	120	120	Gravelly sand
120	130	130	Gravelly sand
130	140	140	Gravelly sand
140	150	150	Gravelly sand
150	160	160	Gravelly sand
160	170	170	Gravelly sand
170	180	180	Gravelly sand
180	190	190	Gravelly sand
190	200	200	Gravelly sand
200	210	210	Gravelly sand
210	220	220	Gravelly sand
220	230	230	Gravelly sand
230	240	240	Gravelly sand
240	250	250	Gravelly sand
250	260	260	Gravelly sand
260	270	270	Gravelly sand
270	280	280	Gravelly sand
280	290	290	Gravelly sand
290	300	300	Gravelly sand
300	310	310	Gravelly sand
310	320	320	Gravelly sand
320	330	330	Gravelly sand
330	340	340	Gravelly sand
340	350	350	Gravelly sand
350	360	360	Gravelly sand
360	370	370	Gravelly sand
370	380	380	Gravelly sand
380	390	390	Gravelly sand
390	400	400	Gravelly sand
400	410	410	Gravelly sand
410	420	420	Gravelly sand
420	430	430	Gravelly sand
430	440	440	Gravelly sand
440	450	450	Gravelly sand
450	460	460	Gravelly sand
460	470	470	Gravelly sand
470	480	480	Gravelly sand
480	490	490	Gravelly sand
490	500	500	Gravelly sand
500	510	510	Gravelly sand
510	520	520	Gravelly sand
520	530	530	Gravelly sand
530	540	540	Gravelly sand
540	550	550	Gravelly sand
550	560	560	Gravelly sand
560	570	570	Gravelly sand
570	580	580	Gravelly sand
580	590	590	Gravelly sand
590	600	600	Gravelly sand
600	610	610	Gravelly sand
610	620	620	Gravelly sand
620	630	630	Gravelly sand
630	640	640	Gravelly sand
640	650	650	Gravelly sand
650	660	660	Gravelly sand
660	670	670	Gravelly sand
670	680	680	Gravelly sand
680	690	690	Gravelly sand
690	700	700	Gravelly sand
700	710	710	Gravelly sand
710	720	720	Gravelly sand
720	730	730	Gravelly sand
730	740	740	Gravelly sand
740	750	750	Gravelly sand
750	760	760	Gravelly sand
760	770	770	Gravelly sand
770	780	780	Gravelly sand
780	790	790	Gravelly sand
790	800	800	Gravelly sand
800	810	810	Gravelly sand
810	820	820	Gravelly sand
820	830	830	Gravelly sand
830	840	840	Gravelly sand
840	850	850	Gravelly sand
850	860	860	Gravelly sand
860	870	870	Gravelly sand
870	880	880	Gravelly sand
880	890	890	Gravelly sand
890	900	900	Gravelly sand
900	910	910	Gravelly sand
910	920	920	Gravelly sand
920	930	930	Gravelly sand
930	940	940	Gravelly sand
940	950	950	Gravelly sand
950	960	960	Gravelly sand
960	970	970	Gravelly sand
970	980	980	Gravelly sand
980	990	990	Gravelly sand
990	1000	1000	Gravelly sand

FORMATION RECORD—Continued