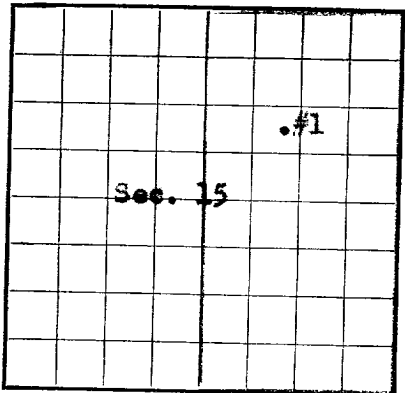




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Box 426, Farmington, New Mexico
Lessor or Tract Mexico-Fed "C" Field Undesignated-Dakota State New Mexico
Well No. 1 Sec. 15 T. 30N R. 13W Meridian N.M.P.M. County San Juan
Location 1450 ft. N of N Line and 1450 ft. E of E Line of Sec. 15 Elevation 5763
(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 P. E. Cooper

Date December 22, 1959 Title District Superintendent

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

Commenced drilling October 5, 1959 Finished drilling October 31, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6330 to 6485 G 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
OD 10-3/4"	32.75	8rd	H-40 EN	LTM 295	cement guide				
5-1/2"	14 & 15 1/2	8rd	J-55 38	6578	cement guide float		6330	6485	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
OD 10-3/4"	309	272	Halliburton - circulated		
5-1/2"	6592	600	Halliburton - single stage		

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
	See reverse side					

TOOLS USED

Rotary tools were used from 0 feet to 6600 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 22, 1959 Put to producing SI for PL connection, Nov. 19, 1959

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 AOF 4301 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hondo Drilling Company _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1782	1782	Sand and Shale
1782	3365	1583	Pictured Cliffs Sand and Shale
3365	4490	1125	Mesaverde Sand and Shale
4490	5544	1054	Mancos Sand and Shale
5544	5723	179	Middle Gallup Sand and Shale
5723	6212	489	Lower Gallup Sand and Shale
6212	6273	61	Greenhorn Sand and Shale
6273	6327	54	Graneros Sand and Shale
6327	6362	35	Dakota I Sand and Shale
6362	6450	88	Dakota II Sand and Shale
6450	6537	87	Dakota III Sand and Shale
6537	6600	63	Dakota IV Sand and Shale
TOTAL DEPTH			6600
PLUGGED BACK TOTAL DEPTH			6549

Tops by Schlumberger Induction-Electrical Log.

FROM-	TO-	TOTAL FEET	FORMATION
Perforated 5 7/8" OD casing with 4 lane wells jets at 6330' to test cement job. Tested okay.	Perforated 5 7/8" OD casing with 4 lane wells bullets per foot as follows:	6330' - 6360' (30') 120 holes 6388' - 6405' (17') 68 holes 6410' - 6440' (30') 120 holes 6478' - 6457' (9') 36 holes 6466' - 6469' (3') 12 holes 6481' - 6485' (4') 16 holes <u> (93')</u> TOTAL 372 holes	Set 2" RUB tubing at 6474', open ended. Frased down 5 7/8" OD casing and 2" RUB tubing, through above casing perforations, with 70,000# of 40/60 sand and 70,560 gallons of crude oil. Finished with 369 barrels of oil. Breakdown pressure 150#, maximum treating pressure 3400#, minimum treating pressure 2650#, injection rate 21.7 barrels per minute, time of treatment 81 minutes. 20 minute shut in pressure 1400#. Left well shut in 17 hours and pressure dropped to 600#.