

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Blackwood & Nichols Co. Address P.O. Box 1237, Durango, Colorado
~~Index~~ or Tract 17 Field Blanco Mesa Verde State New Mexico
 Well No. 5-13X Sec. 13 T. 30N R. 8W Meridian NMPM County San Juan
 Location 1190 ft. $\left\{ \begin{array}{c} \text{N.} \\ \text{8} \end{array} \right\}$ of S Line and 1100 ft. $\left\{ \begin{array}{c} \text{E.} \\ \text{14} \end{array} \right\}$ of W Line of Section 13 Elevation 6099'
(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 _____
DeLasso Loos

DeLasso Loos

Date July 21, 1961 Title Field Superintendent

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

Commenced ~~starting~~ ^{Recompletion} March 24, 1961 Finished ~~starting~~ ^{Recompletion} May 5, 1961

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

No. 1, from 2705' to 2922' (G) No. 4, from 4810' to 5190' (G)
 No. 2, from 2922' to 3165' (G) No. 5, from 5190' to 5305' (G)
 No. 3, from 4532' to 4810' (G) 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
1 1/2"	32.75	8rd	Nat'l	2041	Cut				Surface
2"	28.25	8rd	Nat'l	4674	Cut				Intermediate
5" H.E.	15.15	8rd	Nat'l	4865	Float				Production
4"	11.34	Hyd.	Nat'l	3551	Float				Liner
2-7/8"	6.5	BUE	Spang	526	Float		4798	5298	Liner
2-3/8"	4.7	BUE	CP-I	4743					Tubing

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	10 1/2"	216'	150	Pump & Plug	Water	Circulated
	7"	468'	400	" "		
	5"	487'	440	" "		Top cement 200'
	4" A2-7/8"	532'	85	" "		

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
Sand-water fraced the Mesaverde Group thru liner perforations						

TOOLS USED

Rotary tools were used from 0 feet to 5320+ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

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. ----- Well not reopotentialled

EMPLOYEES

_____, Driller : _____, Driller
_____, Driller : _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1995'	1995	Tertiary
1995'	2705'	710	Kirtland
2705'	2922'	217	Fruitland ss
2922'	3165'	243	Pictured Cliffs ss
3165'	4532'	1367	Lewis Shale
4532'	4810'	278	Cliffhouse ss
4810'	5190'	380	Menefee Shale
5190'	5305'	115	Point Lookout ss
5305'			Mancos Shale

[OVER]
FORMATION RECORD--CONTINUED

[illegible]

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 "mudded" 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 piers 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

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

[illegible]

—**DR. J. H. HARRIS**