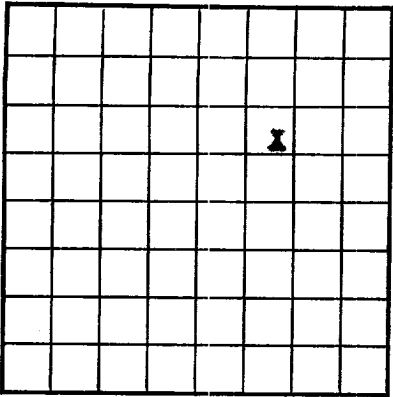


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078903
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Benson and Montin Address 315 1/2 West Main Street
Lessor or Tract Payne Field West Kutz State New Mexico
Well No. 5 Sec. 35 T. 28N R. 12W Meridian NMPN County San Juan
Location 1650 {S.} of 1/4 Line and 1650 ft. {W.} of 1/4 Line of Section 35 Elevation 5961 18
(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 Albert S. Greer
Date 12/26/52 Title Field Sup't.
The summary on this page is for the condition of the well at above date.

Commenced drilling 7/26/52, 1952 Finished drilling 11/3, 1952

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

No. 1, from 1706' to 1763' 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	40#	8	XXX Grade	80'	None				Surface.
7"	17#	8	XXX	67'					
6 5/8"	26#	8	XXX	1640'	Halliburton				Production.
					Miller side				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	88' R&M	50	Pump & Plug		
7"					
6 5/8"	1713'	375 sacks Howcolite			
		plus 25 sacks neat	Pump & Plug		

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
4"	Tin	SNQ	90 qt.	11/24/52	1723-63'	1763'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 1713' feet, and from 1713' feet to 1763' feet

Put to producing 11/27/52 Potential test: 12/18/52
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. 2,100,000

458.2 (81620 maps)
_____, Driller _____, Driller
Crow-Benson-Montin (rotary), Driller _____, Driller
Benson & Montin (cable tools)

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1706'	1698'	Surface sand and shale, Ojo Alamo, Kirtland & Fruitland formation.
1706'	1763'	57'	Pictured Cliffs formation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOR ALEXANDER ROBERTSON

A blank sheet of graph paper with a grid pattern. The grid consists of horizontal and vertical lines forming squares. There are approximately 10 columns and 8 rows visible. A small, faint mark or smudge is present near the center-left of the page.[illegible]

It is of the greatest importance to have a complete list 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 "backtracked" 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 pipes or bridges were put in to rest for water, state kind of material used, position, and results of pumping or draining.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDLOG AND CEMENTATION RECORD						
Well No.	Section	Depth (feet)	Remarks	Time of day	Weather	Remarks
101	1000-1100	1000				
101	1100-1200	1100				
101	1200-1300	1200				
101	1300-1400	1300				
101	1400-1500	1400				
101	1500-1600	1500				
101	1600-1700	1600				
101	1700-1800	1700				
101	1800-1900	1800				
101	1900-2000	1900				
101	2000-2100	2000				
101	2100-2200	2100				
101	2200-2300	2200				
101	2300-2400	2300				
101	2400-2500	2400				
101	2500-2600	2500				
101	2600-2700	2600				
101	2700-2800	2700				
101	2800-2900	2800				
101	2900-3000	2900				
101	3000-3100	3000				
101	3100-3200	3100				
101	3200-3300	3200				
101	3300-3400	3300				
101	3400-3500	3400				
101	3500-3600	3500				
101	3600-3700	3600				
101	3700-3800	3700				
101	3800-3900	3800				
101	3900-4000	3900				
101	4000-4100	4000				
101	4100-4200	4100				
101	4200-4300	4200				
101	4300-4400	4300				
101	4400-4500	4400				
101	4500-4600	4500				
101	4600-4700	4600				
101	4700-4800	4700				
101	4800-4900	4800				
101	4900-5000	4900				
101	5000-5100	5000				
101	5100-5200	5100				
101	5200-5300	5200				
101	5300-5400	5300				
101	5400-5500	5400				
101	5500-5600	5500				
101	5600-5700	5600				
101	5700-5800	5700				
101	5800-5900	5800				
101	5900-6000	5900				
101	6000-6100	6000				
101	6100-6200	6100				
101	6200-6300	6200				
101	6300-6400	6300				
101	6400-6500	6400				
101	6500-6600	6500				
101	6600-6700	6600				
101	6700-6800	6700				
101	6800-6900	6800				
101	6900-7000	6900				
101	7000-7100	7000				
101	7100-7200	7100				
101	7200-7300	7200				
101	7300-7400	7300				
101	7400-7500	7400				
101	7500-7600	7500				
101	7600-7700	7600				
101	7700-7800	7700				
101	7800-7900	7800				
101	7900-8000	7900				
101	8000-8100	8000				
101	8100-8200	8100				
101	8200-8300	8200				
101	8300-8400	8300				
101	8400-8500	8400				
101	8500-8600	8500				
101	8600-8700	8600				
101	8700-8800	8700				
101	8800-8900	8800				
101	8900-9000	8900				
101	9000-9100	9000				
101	9100-9200	9100				
101	9200-9300	9200				
101	9300-9400	9300				
101	9400-9500	9400				
101	9500-9600	9500				
101	9600-9700	9600				
101	9700-9800	9700				
101	9800-9900	9800				
101	9900-10000	9900				