

U. S. LAND OFFICE Dulce
SERIAL NUMBER Jicarilla Apache "E"
LEASE OR PERMIT TO PROSPECT _____
Cont. # 43, Tract # 85

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20540

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Ameraco Petroleum Corporation Address Box 1469, Durango, Colorado
Lessor or Tract Federal Gov't. Field Undesignated Hoshah State New Mexico
Well No. 1 Sec. 30 T. 34N R. 4W Meridian NMPM County Rio Arriba
Location 1650' ft. (N.) of S Line and 990' ft. (E.) of W Line of Section 30 Elevation 6791'
(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 D. F. Furness

Date January 27, 1961 Title Foreman

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

Commenced drilling 9/22/55 Original, 19____ Finished drilling 10/10/55 Original
12/19/55 Final 2/7/55 Final

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5722' to 5872' Depleted 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 - encountered 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—	
<u>10-3/4" 32.75</u>	<u>32</u>	<u>8</u>	<u>H&C</u>	<u>127'</u>	<u>TP</u>	<u>None - Cement Circulate by Halliburton</u>			
<u>7-5/8" 26</u>	<u>26</u>	<u>8</u>	<u>H&C</u>	<u>2650'</u>	<u>Hard</u>	<u>57' pulled - Temp. Survey - 7-5/8" casing</u>			
<u>5-1/2" Liner</u>	<u>35</u>	<u>8</u>	<u>H&C</u>	<u>Set at 7060' w/ top at 2613'</u>	<u>TP</u>	<u>Cemented in by Halliburton.</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>127'</u>	<u>100</u>	<u>Halliburton Truck - Cement circulated.</u>		
<u>7-5/8"</u>	<u>2560'</u>	<u>200</u>	<u>Do. Cmt. outside 7-5/8" Csg. up to 940'.</u>		
<u>5-1/2" Liner</u>	<u>Set at 7060' w/ top at 2613'</u>	<u>Set with 340</u>	<u>Sacks Cmt. and squeezed.</u>		

PLUGS AND ADAPTERS

Heaving plug—Material P&A See below Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>None</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from 0 feet to 7060 feet TD
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October, 1955 Put to producing October 1955, Nov P&A 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 Depleted

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1955</u>			<u>ORIGINAL SCHLUMBER LOG TOPS - 1955.</u>
<u>Original</u> <u>0'</u>	<u>2105'</u> Sand and Shale		<u>Ujo Alaso Sand</u> <u>1982'</u> <u>Upper Hoshah</u> <u>5692</u>
<u>2105'</u>	<u>2193'</u> Shale		<u>Kirtland-Fruitland</u> <u>2150'</u> <u>Lower Hoshah</u> <u>5762</u>
<u>2193'</u>	<u>Sand and Shale</u>		<u>Pictured Cliff</u> <u>2466'</u> <u>Bentinite</u> <u>6303</u>
			<u>Lewis Shale</u> <u>2600'</u> <u>Sanestee</u> <u>6356</u>
			<u>La Ventana</u> <u>3302'</u> <u>Base Sanestee</u> <u>6453</u>
			<u>Resaverde Cliff House</u> <u>4007'</u> <u>Greenhorn</u> <u>6646</u>
			<u>Menefee</u> <u>4078'</u> <u>Graneros</u> <u>6708</u>
			<u>Point Lookout</u> <u>4624'</u> <u>Lakota</u> <u>6849</u>
			<u>Mancos</u> <u>4824'</u> <u>Morrison</u> <u>7052</u>

1/17/61 - Spotted cement plug in 5 1/2" liner from 5890' to 5690' with 25 Sacks cement, covered all perforations which existed from (5722'-5822') Attempted to pull 7-5/8" casing, unable to do so due to cement being outside of 7-5/8" casing at 940' from original cement job in 1955. Backed off 2-Joints for total ~~26~~ of 57' and rec-57' Spotted 35 Sack cement plug on top of 7-5/8" stub at 57' to 0' surface, installed regulation dry hole marker in top of surface and abandoned.

Note: Left all casing in hole as noted above in casing record with the exception of 57' of 7-5/8" that was backed off and recovered as shown above.

Well Plugged and abandoned - All equipment off lease and location levelled.

U. S. LAND OFFICE
SPECIAL INQUIRY
IN CASE OF BURNED OR DESTROYED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SERVICE

NEW SAG RO JO TO DO

The first part of the document is a letter from the author to the editor of the journal. The letter is dated 1950 and is addressed to the editor of the journal. The author is a young man who is a student at the University of California, Berkeley. He is writing to the editor to inform him of his plans to publish a paper in the journal. The paper is titled "The Role of the State in the Development of the Economy" and is a study of the role of the state in the development of the economy. The author is a student of the University of California, Berkeley, and is a member of the Phi Kappa Phi Honor Society. He is a member of the Phi Kappa Phi Honor Society and is a member of the Phi Kappa Phi Honor Society. He is a member of the Phi Kappa Phi Honor Society and is a member of the Phi Kappa Phi Honor Society.

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SECRET DO NOT FORN DISSEM

1. The first part of the document is a list of names and their corresponding dates. The names are: "John A. Smith", "John B. Smith", "John C. Smith", "John D. Smith", "John E. Smith", "John F. Smith", "John G. Smith", "John H. Smith", "John I. Smith", "John J. Smith", "John K. Smith", "John L. Smith", "John M. Smith", "John N. Smith", "John O. Smith", "John P. Smith", "John Q. Smith", "John R. Smith", "John S. Smith", "John T. Smith", "John U. Smith", "John V. Smith", "John W. Smith", "John X. Smith", "John Y. Smith", "John Z. Smith". The dates are: "1901", "1902", "1903", "1904", "1905", "1906", "1907", "1908", "1909", "1910", "1911", "1912", "1913", "1914", "1915", "1916", "1917", "1918", "1919", "1920", "1921", "1922", "1923", "1924", "1925", "1926", "1927", "1928", "1929", "1930", "1931", "1932", "1933", "1934", "1935", "1936", "1937", "1938", "1939", "1940", "1941", "1942", "1943", "1944", "1945", "1946", "1947", "1948", "1949", "1950", "1951", "1952", "1953", "1954", "1955", "1956", "1957", "1958", "1959", "1960", "1961", "1962", "1963", "1964", "1965", "1966", "1967", "1968", "1969", "1970", "1971", "1972", "1973", "1974", "1975", "1976", "1977", "1978", "1979", "1980", "1981", "1982", "1983", "1984", "1985", "1986", "1987", "1988", "1989", "1990", "1991", "1992", "1993", "1994", "1995", "1996", "1997", "1998", "1999", "2000", "2001", "2002", "2003", "2004", "2005", "2006", "2007", "2008", "2009", "2010", "2011", "2012", "2013", "2014", "2015", "2016", "2017", "2018", "2019", "2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031", "2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043", "2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055", "2056", "2057", "2058", "2059", "2060", "2061", "2062", "2063", "2064", "2065", "2066", "2067", "2068", "2069", "2070", "2071", "2072", "2073", "2074", "2075", "2076", "2077", "2078", "2079", "2080", "2081", "2082", "2083", "2084", "2085", "2086", "2087", "2088", "2089", "2090", "2091", "2092", "2093", "2094", "2095", "2096", "2097", "2098", "2099", "2100".

STATE WATER BOARD

[illegible]

AS HQ RECORD

1. The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved. Once the problem is identified, the next step is to develop a plan of action. This plan should outline the goals of the project, the resources required, and the timeline for completion. The third step is to implement the plan. This involves putting the plan into action and monitoring progress. Finally, the fourth step is to evaluate the results. This involves assessing the impact of the project and determining whether the goals have been achieved.

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, give 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
			FORMATION RECORD
			EMPIRE
			TOOLS USED
			SHOOTING RECORD
			PLUGS AND ADAPTERS
			MUSING AND TUNING RECORD

FORMATION RECORD—Continued