

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. LC-029415-a
Unit 0

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 9, 1964

Well No. Puckett "1" is located 25 ft. from S line and 2615 ft. from E line of sec. 13

<u>SW SE Sec. 13</u> (1/4 Sec. and Sec. No.)	<u>17S</u> (Twp.)	<u>31E</u> (Range)	<u>NM</u> (Meridian)
<u>Maljamar</u> (Field)	<u>Eddy</u> (County or Subdivision)	<u>New Mexico</u> (State or Territory)	

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On May 20, 1964, cemented 8-5/8" O.D. casing at 605' with 100 sacks 2% Calcium Chloride cement. Hole was carried to 743' before running pipe. No water was encountered prior to running 8-5/8".

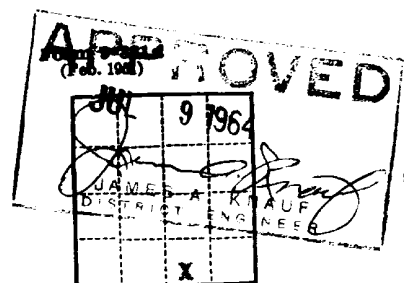
On June 18, 1964, at T.D. of 3963', 4 1/2" O.D. 9.5# J-55 casing was cemented at 3962' with 150 sacks 4% gel regular cement + 200 sacks neat regular. Plug was drilled out to 3955'. RECEIVED

JUL 10 1964

G. D. C.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company William A. & Edward R. HudsonAddress 302 Carper BuildingArtesia, New MexicoBy Ralph L. GrayTitle Consulting Engineer.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4.
Form Approved.Land Office Las CrucesLease No. LC-029415-aUnit 0
RECEIVED

JUL 10 1964

SUNDRY NOTICES AND REPORTS ON WELLS.

ARTESIA, OFFICE

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 9, 1964

Well No. #25 is located 25 ft. from SW line and 2615 ft. from E line of sec. 13SW 9E 3-0-13 173 31E 100W
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)Maljamar Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On June 20, 1964, 4½" casing was perforated from 3680-86 and 3692-98 with 4 jet shots/foot. Acidized with 2,000 gallons 15% M-38 acid. Broke at 3100 psi., treated at 1600-1800 psi. at 2 BPM. Used 28 ball sealers. Perforated 4½" casing at 3923-35 and 3941-47 with 4 jet shots/foot. Set packer at 3880'. Acidized below packer with 2,000 gallons acid. Treated at 1800 psi. at 2 BPM. Pressured tubing and casing indicated communication. Swabbed back 90 bbls. load oil + 40 bbls. acid. On June 27, 1964 squeezed below retainer, set at 3655' with 150 sacks cement. Maximum pressure - 3100 psi. Drilled out cement to 3955'. Perforated 4½" casing at 3680-86, 3692-98, 3923-35 and 3941-47 with 2 jet shots/foot. Acidized from 3680-98 with 300 gallons using 1800 psi. at 1-3/4 BPM. Acidized 3923-47 with 300 gallons using 2400 psi. at 3-1/3 BPM. No communication. Well started injecting water July 8, 1964.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

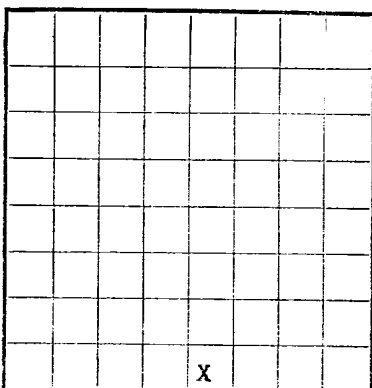
Company William A. & Edward R. HudsonAddress 302 Carper BuildingArtesia, New MexicoBy Ralph L. GrayTitle Consulting Engineer.

Water Injection Well

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER LC-029415-a

LEASE OR RENTAL PERMIT



LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

ARTESIA OFFICE

LOG OF OIL OR GAS WELL

Company William A. & Edward R. Hudson Address 302 Carpenter Building, Artesia, N. M. x.Lessor or Tract Puckett "A" Field Maljamar State New MexicoWell No. 25 Sec. 13 T. 17S R. 31E Meridian NMPM County EddyLocation 25 ft. ^[N.]_[S.] of S. Line and 2615 ft. ^[E.]_[W.] of E. Line of Sec. 13 Elevation 3910 D.F.
(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

Date July 9, 1964Title Consulting Engineer

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

Commenced drilling May 16, 1964 Finished drilling June 18, 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3680 to 86 No. 4, from 3941 to 47No. 2, from 3692 to 98 No. 5, from _____ to _____No. 3, from 3923 to 35 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—	
8-5/8	26	3							Surface
4-1/2	9.5	3.5		3962			3680-86		Production
							3692-98		
							3923-35		
							3941-47		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	605'	100			
4-1/2	3962'	350			

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

TOOLS USED

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

Cable tools were used from Surface feet to 3963 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Water Injection Well, 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. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

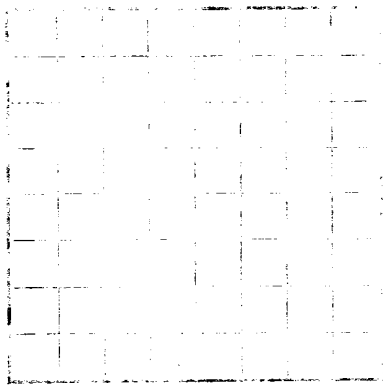
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	550'		
550'	730'		Anhy.
730'	1764'		Salt.
1764'	2900'		Anhy.
2900	2930		Red Sand
2930	3275		Anhy. and Sand
3275	3652		Sand and Dolo.
3652	3963		Dolomite
E. L. TOPS			
		T. Anhy.-----	550'
		T. Salt -----	730'
		B. Salt -----	1764'
		T. Red Sand ---	2900'
		T. San Andres--	3652'

FORMATION RECORD—CONTINUED

16-48094-4

AT THE END OF EACH WELL DRILLER'S LOG, ADVISE STATE GEOLOGICAL SURVEY WHETHER



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D. C. 20548
BUREAU OF LAND MANAGEMENT
10-0229A-2-0
THIS OFFICE USES THE FOLLOWING

Company Name _____ Address _____
Location _____
Well No. _____
The information given hereon is a copy of the original and all work done thereon
is to be determined from all available records.
Signed _____
Title _____
Date _____
The summary on this page is for the condition of the well at above date.
Completed drilling _____ 19____

OIL OR GAS SANDS OR ZONES
(Describe each by (a))

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

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Line	Depth	Material	Amount	Kind of pipe	Remarks
1					

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 "struck" or left in the well, state 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

FROM—		TO—		TOTAL FEET		FORMATION	
1900		1901		20		Sand and Gravel	
1901		1902		10		Sand	
1902		1903		10		Gravel	
1903		1904		10		Sand	
1904		1905		10		Gravel	
1905		1906		10		Sand	
1906		1907		10		Gravel	
1907		1908		10		Sand	
1908		1909		10		Gravel	
1909		1910		10		Sand	
1910		1911		10		Gravel	
1911		1912		10		Sand	
1912		1913		10		Gravel	
1913		1914		10		Sand	
1914		1915		10		Gravel	
1915		1916		10		Sand	
1916		1917		10		Gravel	
1917		1918		10		Sand	
1918		1919		10		Gravel	
1919		1920		10		Sand	
1920		1921		10		Gravel	
1921		1922		10		Sand	
1922		1923		10		Gravel	
1923		1924		10		Sand	
1924		1925		10		Gravel	
1925		1926		10		Sand	
1926		1927		10		Gravel	
1927		1928		10		Sand	
1928		1929		10		Gravel	
1929		1930		10		Sand	
1930		1931		10		Gravel	
1931		1932		10		Sand	
1932		1933		10		Gravel	
1933		1934		10		Sand	
1934		1935		10		Gravel	
1935		1936		10		Sand	
1936		1937		10		Gravel	
1937		1938		10		Sand	
1938		1939		10		Gravel	
1939		1940		10		Sand	
1940		1941		10		Gravel	
1941		1942		10		Sand	
1942		1943		10		Gravel	
1943		1944		10		Sand	
1944		1945		10		Gravel	
1945		1946		10		Sand	
1946		1947		10		Gravel	
1947		1948		10		Sand	
1948		1949		10		Gravel	
1949		1950		10		Sand	
1950		1951		10		Gravel	
1951		1952		10		Sand	
1952		1953		10		Gravel	
1953		1954		10		Sand	
1954		1955		10		Gravel	
1955		1956		10		Sand	
1956		1957		10		Gravel	
1957		1958		10		Sand	
1958		1959		10		Gravel	
1959		1960		10		Sand	
1960		1961		10		Gravel	
1961		1962		10		Sand	
1962		1963		10		Gravel	
1963		1964		10		Sand	
1964		1965		10		Gravel	
1965		1966		10		Sand	
1966		1967		10		Gravel	
1967		1968		10		Sand	
1968		1969		10		Gravel	
1969		1970		10		Sand	
1970		1971		10		Gravel	
1971		1972		10		Sand	
1972		1973		10		Gravel	
1973		1974		10		Sand	
1974		1975		10		Gravel	
1975		1976		10		Sand	
1976		1977		10		Gravel	
1977		1978		10		Sand	
1978		1979		10		Gravel	
1979		1980		10		Sand	
1980		1981		10		Gravel	
1981		1982		10		Sand	
1982		1983		10		Gravel	
1983		1984		10		Sand	
1984		1985		10		Gravel	
1985		1986		10		Sand	
1986		1987		10		Gravel	
1987		1988		10		Sand	
1988		1989		10		Gravel	
1989		1990		10		Sand	
1990		1991		10		Gravel	
1991		1992		10		Sand	
1992		1993		10		Gravel	
1993		1994		10		Sand	
1994		1995		10		Gravel	
1995		1996		10		Sand	
1996		1997		10		Gravel	
1997		1998		10		Sand	
1998		1999		10		Gravel	
1999		2000		10		Sand	
2000		2001		10		Gravel	
2001		2002		10		Sand	
2002		2003		10		Gravel	
2003		2004		10		Sand	
2004		2005		10		Gravel	
2005		2006		10		Sand	