NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL POTENTIAL TEST-DATA SHEET

FORM C-122-B

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL WILDCAT FORMATION PICTURED CLIFFS

COUNTY RIO ARRIBA DATE WELL TESTED 8-30-55

Operator S.U.G. Lease JICARILLA Well No. 3-K

1/4 Section S W Unit Letter N Sec. 1 Twp. 25N Rge. 5 W

Casing: 5 1/2 "O.D. Set At 3273 Tubing 2 3/8 "WT. 4.7 Set At 3289

Pay Zone: From 3273 to 3361 Gas Gravity: Meas. _____ Est. .660

Tested Through: Casing _____ Tubing X

* Test Nipple 2 " * I.D. Type of Gauge Used XX

* A 3"-2" swage was used as a 3" FLOW NIPPLE WAS NOT AVAILABLE (Spring) (Monometer)

** UNABLE TO OPEN EITHER MISSION VALVE ON CASING OF WELL HEAD. APPARENTLY NOT GREASED AFTER LAST OPENING.

OBSERVED DATA

** Shut In Pressure: Casing ** - Tubing: 1031 # S. I. Period 38 DAYS

Time Well Opened: 2:40 P.M. Time Well Gauged: 5:40 P.M.

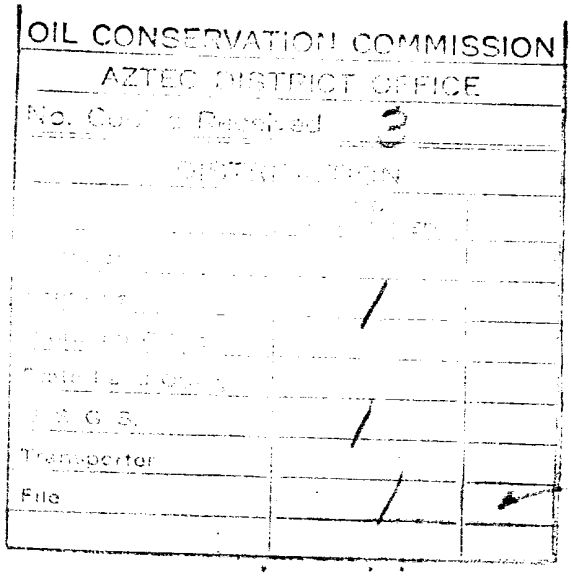
Impact Pressure: XX 10.0 psig

Volume (Table I)	1947.6	(a)
Multiplier for Pipe or Casing (Table II)	1.068	(b)
Multiplier for Flowing Temp. (Table III)	1.0198	(c)
Multiplier for SP. Gravity (Table IV)	.9924	(d)
Ave. Barometer Pressure at Wellhead (Table V)	11.3 psia	
Multiplier for Barometric Pressure (Table VI)	.971	(e)
Initial Potential, Mcf/24 Hrs. (a) x (b) x (c) x (d) x (e) =	2044.05	

RECEIVED SEP 6 1955 OIL CON. COM. DIST. 3

Witnessed by: JACK LITTLE
Company: S.U.GAS CO.
Title: JR ENGINEER

Tested by: BILL HASTINGS
Company AZTEC OIL & GAS CO.
Title: ENGINEER


OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE
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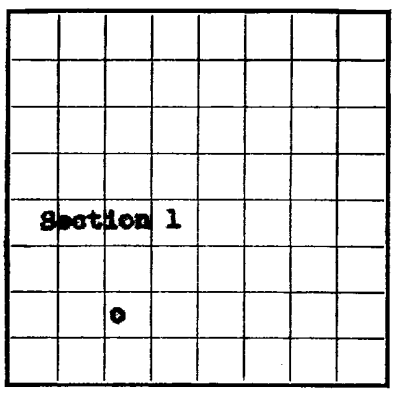
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE Jicarilla Apache Tribe of Indians
SERIAL NUMBER Contract #145
LEASE OR PERMIT TO PROSPECT .....



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 3-K Sec. 1 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1040 ft. {N.} of S Line and 1650 ft. {E.} of W Line of Section 1 Elevation 6945
(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 A. M. Wickerhelm
Date September 19, 1955 Title Manager, Exploration Department

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

Commenced drilling July 9, 19 55 Finished drilling July 20, 19 55

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3280' to 3361' (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 ..... 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 From—	Perforated To—	Purpose
9-5/8	36#	8 RD	J-55	159'					Surface Production
5-1/2	15.5#	8 RD	J-55	3283'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	158 KB	125	Halliburton		
5-1/2	3283 KB	150	"		
2-3/8	3289'				

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 frac from 3283 feet to 3361 feet with 15,000 gals oil and 17,500# sand.						

TOOLS USED

Rotary tools were used from 0 feet to 3331 feet, and from ..... feet to ..... feet
Cable tools were used from 3331 feet to 3361 feet, and from ..... feet to ..... feet

DATES

July 22, 19 55 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 2044.0 MCF Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 1031#/36 Days

EMPLOYEES

Flepger-Riley Drilling Company, Driller McKinney Drilling Company, Driller
J. A. Thompson, Driller J. W. McKinney, Driller
J. M. Murphy W. G. Lewis

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	100	100	Sand and shale rock
100	3334	3234	Sand & Shale
3334	3343	9	Sand
3343	3358	15	Sand and Bentonite
3358	3361	3	Shale

PICTURED CLIFFS 3280

[OVER]

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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" 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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