

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 JTOARILLA Well No. 3-X
1/4 Section SW Unit N Sec. 1 Twp. 25N Rge. 5W
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. X Est. .660
Tested Through: Casing _____ Tubing _____

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

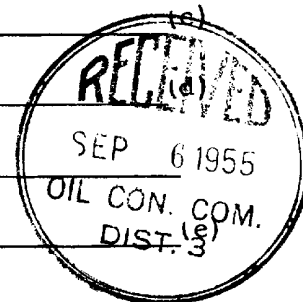
OBSERVED DATA

** 1031 # Shut In Pressure: Casing _____ Tubing _____ S. I. Period 38 DAYS
Time Well Opened: 2:40 P.M. Time Well Gauged: 5:40 P.M.
Impact Pressure: 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
Multiplier for SP. Gravity (Table IV)9924
Ave. Barometer Pressure at Wellhead (Table V) 11.3 psia
Multiplier for Barometric Pressure (Table VI)971
Initial Potential, Mcf/24 Hrs. (a) x (b) x (c) x (d) x (e) = 2044.05

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

Section 1

o

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Hurt Building, Dallas, Texas
 Lessor or Tract Jicarilla Field Wildcat State New Mexico
 Well No. 3-K Sec. 1 T. 22N R. 7W Meridian N.M.P.M. County Rio Arriba
 Location 1040 ft. N. of 8 Line and 1650 ft. E. of W Line of Section 1 Elevation 6945
 (Derive from 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. Wierker
A. M. Wierker
Title Manager, Exploration Department.

Date September 19, 1955

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

Commenced drilling July 9, 1955 Finished drilling July 20, 1955

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

No. 1, from 3280 to 3361 (a) No. 4, from 3362 to 3443 (a)
No. 2, from 3444 to 3525 (a) No. 5, from OCT 17 1955 to OCT 17 1955
No. 3, from 3526 to 3607 (a) No. 6, from OIL CON. COM. to OIL CON. COM.

IMPORTANT WATER SANDS DIST. 3

No. 1, from to
No. 2, from to
No. 3, 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	364	8 RD	J-55	159'					Surface Production
9-1/2	260	8 RD	J-55	159'					Surface Production
It is of the greatest importance to have a complete history of the well. Please state in detail the date of reworking, together with the reasons for the work and its results. If there were any special work in the casing, state this, and if any casing was "sidetracked", or left in the well, state the date and location. If the well has been abandoned, state date, reason, and number of attempts to produce. State kind of material used, location and results of burning or packing.									
HISTORY OF OIL OR GAS WELL									
							17-45604-5	DATE COMPLETED	DRILLING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	158 SF	125	Half Gordon		
5-1/2	3283 RAB	150			
2-3/8	3283				

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 17,000 gals oil and 17,500# sand.						

TOOLS USED

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

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----, 19 <u>35</u> July 22, The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. If gas well, cu. ft. per 24 hours <u>2044.05 Mcf</u> Rock pressure, lbs. per sq. in. <u>1014 1/2 lbs</u>	Put to producing -----, 19----- Gravity, °Bé. ----- Gallons gasoline per 1,000 cu. ft. of gas -----
---	--

EMPLOYEES

Fleeger-Riley Drilling Company	Driller	McKinney Drilling Company	Driller
J. A. Thompson	Driller	J. W. McKinney	Driller
J. M. Murphy		FORMATION RECORD	W. G. Lewis

FORMATION RECORD W. G. Levin

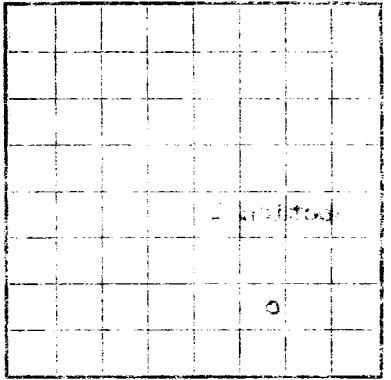
FROM-	TO-	TOTAL FEET	FORMATION
-0-	100	100	Sand and shale rock
100	3334	3234	Sand & Shale
3334	3343	9	Sand
3343	3358	15	Sand and Bentonite
3358	3361	3	Shale
PICTURED CLIFFS 3200			

PICTURED CLIFFS 3280

LEADS TO READING OF PROSPECT
SPECIAL ZONE FOR READING OF PROSPECT
LEADS TO READING OF PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.

Location of _____ ft. [] of _____ ft. [] of _____ ft. []
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ N. _____ E. _____ S. _____
Lessor or Trust _____
Company _____
Address _____ State _____

signed

Date _____ Title _____

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

Commenced drilling 19.....

OIL OR GAS SANDS OR ZONES

$$(4) \quad \text{gd} \text{ and } \text{signs}(\bar{t})$$

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

IMPORTANT WATER SANDS

of	men, 8.5%	of	men, 1.6%
of	men, 4.0%	of	men, 2.5%

CASING RECORD

Class or Fund	Weight or Unit	Through Inch	Material	Amount	Kind of work	Cost and from	Reimbursed from	Purpose
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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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

RECORDING AND IDENTIFYING RECORD

[illegible]

PLANS AND SPECIFICATIONS

Aluminum - Material	100	100
Aluminum - Material	100	100

CS10782 SWITTOOKS

Six	Card used	Replaced with need	Quantity	Date	Tech Used	Health Care Unit

TOOLS USED

to feet	and from	to feet	and from
to feet	and from	to feet	and from

DATE

It was well on the day 24 hours	% water and% sediment.	The production for the first 24 hours was	 lb.
Gallons gasoline per 1,000 cu. ft. of gas	(gravity) @ 60° F	 pounds of light oil which	It is produced in, 1911

EMPLOYEES

[illegible]

GEORGE MONTAGNON

[illegible]

FORMATION RECORD—Continued

[REVOL]

FORMATION

ACKNOWLEDGMENTS