

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Southern Union Gas Company Armenta
(Company or Operator) (Lease)

Well No. 1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 27, T. 29, R. 10W, NMPM.

Astec Pictured Cliffs Pool, San Juan County.

Well is 2190 feet from North line and 820' feet from East line of Section 27. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced January 10, 1959 Drilling was Completed January 25, 1959

Name of Drilling Contractor San Juan Drilling Co. Box 728, Farmington, N.M. and Gardner Brothers

Address Drilling Co., 1708 Davis Building, Dallas, Texas

Elevation above sea level at Top of Tubing Head 5509 The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 988 to 1010 Gas No. 4, from _____ to _____

No. 2, from 1815 to 1880 Gas No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.



CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8"	32.3	New	128'	Ball Joint			Surface Casing
5 1/2"	15.5	New	1908'	Davis Guide Shoe		1815-1880	Production Casing
1 1/2"	2.4	New	988'	Float Collar		988-1010	Tbg. to Farmington
1 1/2"	2.4	New	1830'				Tbg. to P.C. Formation

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	9-5/8"	138' RKB	85	Pump Plug		
7-7/8"	5 1/2"	1918' RKB	220	Pump Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated Pictured Cliffs formation from 1815 RKB to 1880 RKB 4 shots /ft. Sand-Water free.

perforations w/100,000# sand and 68,040 gallons water. Perforated Farmington formation

from 988 RKB to 1010 RKB. No stimulation used on Farmington formation.

Result of Production Stimulation Pictured Cliff formation tested 1,683 MCFD thru 3/4" choke; on 3 hr.

test, calculated absolute open flow 2,690 MCFD. Shut-in tubing pressure 614 psi 8 days

Farmington formation tested 1,410 MCFD on 3/4" choke Depth Cleaned Out 1882 R.K.B.

SICP 518 psi 15 days. SICP 518 psi 15 days.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from surface feet to 1925 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing _____, 19____.

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I. Gravity _____.

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.			T. Devonian		T. Ojo Alamo. <u>675</u>
T. Salt.			T. Silurian		T. Kirtland-Fruitland <u>1550</u>
B. Salt.			T. Montoya		T. Farmington <u>900</u>
T. Yates.			T. Simpson		T. Pictured Cliffs <u>1795</u>
T. 7 Rivers.			T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	<u>675</u>		Sand & Shale				
<u>675</u>	<u>790</u>		Alamo sand & shale				
<u>790</u>	<u>900</u>		Shale				
<u>900</u>	<u>1010</u>		Farmington sand				
<u>1010</u>	<u>1550</u>		Farmington sand & shale				
<u>1550</u>	<u>1795</u>		Kirtland-Fruitland sand, shale & coal,				
<u>1795</u>	<u>T.D.</u>		Pictured Cliffs sand				

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 5

DISTRIBUTION

Operator		
Santa Fe		
Proration Office		
State Land Office		
U. S. G. S.	<u>2</u>	
Transporter		
File	<u>1</u>	<input checked="" type="checkbox"/>

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator NORTHERN NEW MEXICO GAS COMPANY Address P. O. Box 815, Farmington, New Mexico
Name Paul J. Gato Position or Title Drilling Superintendent
Date February 20, 1959