

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

SAN JUAN GAS CORPORATION

(Company or Operator)

FEDERAL

(Lease)

Well No. **23-A**, in **NE** $\frac{1}{4}$ of **NW** $\frac{1}{4}$, of Sec. **23**, T. **24 N**, R. **2 W**, NMPM.

Gavilan Pool, **Rio Arriba** County.

Well is **830** feet from **North** line and **1660** feet from **West** line

of Section **23**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **March 8**, 19 **56** Drilling was Completed **March 16**, 19 **56**

Name of Drilling Contractor **Rio Arriba Drilling Company**

Address **1716 First National Building, Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **7274**. The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from **3265** to **3320** No. 4, from to

No. 2, from to 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 **444** to **466** feet.

No. 2, from **689** to **721** 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
8-5/8	24 lb.	New	88.06	halliburton	-	-	surface
5-1/2	14 lb.	W	3271	"	-	3255-36 sq.	production
		210					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	08	50	Halliburton		
7-7/8	5-1/2	3271	100	"		
		3215				

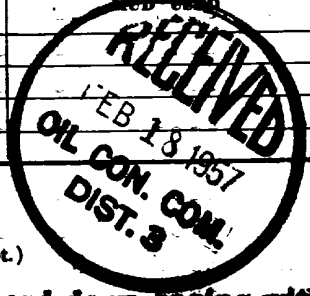
RECORD OF PRODUCTION AND STIMULATION

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

Shot open hole with Welox bear gun at 3282, 3274, and 3267. Frased down casing with 40,000 pounds 20/40 and 10,000 pounds 10/20 sand and 1400 barrels water. Breakdown pressure - 800 p.s.i.; treating pressure - 650-1000 p.s.i.; injection rate - 58.9 barrels per minute.

Result of Production Stimulation **Well increased from good flow of gas to 2,541 mcf/d**

Depth Cleaned Out **3935**



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 3353 feet, and from _____ feet to _____ feet.
Cable tools were used to complete feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing Shut in, 19____.

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

GAS WELL: The production during the first 24 hours was 2,541 M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in 7 days

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

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Drinkard _____
T. Tubbs _____
T. Abo _____
T. Penn _____
T. Miss _____

T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo 2,900
T. Kirtland-Fruitland 3,111
T. Farmington 3155
T. Pictured Cliffs 3,245
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Dakota _____
T. Morrison _____
T. Penn _____
T. _____
T. _____
T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
surface	444	444	sh.				
444	466	22	ss.				
466	689	223	sh.				
689	721	32	ss.				
721	869	148	sh.				
869	1012	143	ss and sh streaks.				
1012	1058	46	sh.				
1058	1544	486	ss.				
1544	1754	210	sh.				
1754	2046	292	ss.				
2046	2387	341	sh.				
2387	2647	260	sh with ss streaks.				
2647	2986	339	ss.				
2986	3017	31	sh.				
3017	3070	53	ss.				
3070	3093	23	sh.				
3093	3113	20	ss.				
3113	3156	43	sh.				
3156	3162	6	ss.				
3162	3265	103	breckn coal and shale.				
3265	3320	55	shaley gas ss.				
3320	3353	33	sh.				

OIL CONSERVATION COMMISSION			
AZTEC DISTRICT OFFICE			
No. Copies Received		5	
DISTRIBUTION			
		NO. FURNISHED	
Operator		1	
Santa Fe		1	
Proration Office			
State Land Office			
U. S. G. S.		2	
Transporter			
File		1	✓

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 San Juan Gas Corporation

Name Robert C. Larson

ROBERT C. LARSON

January 16, 1957

(Date)

Address 1716 1st Natl. Bldg., Tulsa, Oklahoma

Position or Title Vice President

23-A

DRILL STEM TEST

**Drill stem tested the Pictured Cliffs Sandstone from
3267' to 3335'. Tool open 40 minutes; closed 20
minutes. Light blow died in 30 minutes. Initial
flow pressure - 200 ps.i.; final flow - 375 p.s.i.
Charts showed that tool plugged during test.**

test again, using test.