

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE 10/12/73

This is to notify the Oil Conservation Commission that connection for
the purchase of gas from the Amini Oil Company, New Mexico Federal,
Operator Lease
Salt Lake
#1, 4-21S-32E, South Morrow, Southern Union Gas Co.
Well Unit S.T.R. Pool Name of Purchaser
was made on 10-12-73.

SOUTHERN UNION GAS COMPANY
Purchaser

Representative

Transmission Manager

Amini Oil Company, 1505 First City East, Houston, Tx. Title 77002
Southern Union Production Co., 8350 N. Central Expressway; Dallas, Tx.
Campbell Center, 75200

cc: To operator:
Oil Conservation Commission - Santa Fe
E. R. Corliss - Dallas - Engineering Dept.
W. B. Richardson - Gas Meas. - Dallas
R. J. McCrary - Dallas - Purchase & Prorations
E. H. Redden - Carlsbad - Dispatch Office
~~John D. Carter - Carlsbad - Dispatch Office~~

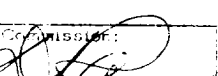
X		4-27-73	
AMINI OIL COMPANY			
Salt Lake South		Morrow	
4-27-73		14,000	
13,400		3653'GR	
New Mexico Federal		1	
2 7/8		13,400	
13,400		13.2	
Single		Lea	
Tubing		New Mexico	
13727		13727	
.618		0.72	
0.31		0.0	
2.900"		Flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Flow Rate (bbl/d)	Orifice Size	Pressure (psi)	Temp. (°F)	Flow Factor (Ft)	Temp. (°F)	Pressure (psi)	Temp. (°F)		
1	2.900	1.750	965	11.5	100	4772				
2			590	36.5	35	4628	80			
3			700	40.5	30	4522	80			
4			980	57.5	28	4382	80			
5						3989	80			

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{P_c - P_w}$	Flow Factor (Ft)	Gravity Factor (Fg)	Super Compress. Factor (Fpv)	Rate of Flow (Q, Mcfd)	
1	15.87	106.1	978.2	1.9636	1.272	2191	
2	15.87	148.4	603.2	1.0249	1.066	3273	
3	15.87	170.0	713.2	1.0302	1.081	3821	
4	15.87	233.7	993.2	1.0323	1.128	5617	
5							

NO.	P _c	Temp. °R	T _g	Gas-Liquid Hydrocarbon Ratio	Mcft/bbl.
1				216.3	
2				49.2	
3				.618	
4					
5					

NO.	P _c	P _w	P _c - P _w	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$
1	6152.2	37850	1843	
2	5998.2	35978	3715	
3	5886.2	34647	5046	
4	5595.2	31306	8387	
5				

Altitude	16,200	Mold @ 15,000	Angle of Slope	55.5	Slope, n	.687
Remarks: P _c and P _w were measured at perforations with Amerada Bottom Hole Pressure Gauge, Ser. No. 25439, 7700# Range.						
Approved by: 		Checked by:		CLEMENTSON ENGINEERING COMPANY, San Antonio, Texas		

COUNTY Low County FIELD South Salt Lake (Morrow)
OPERATOR AMINLOTH COMPANY
HE/SF New Mexico Record WELL NO. 1
DATE OF LOG April 27, 1947 OIL FLOW 10,000 MCF-DAY
0 - 5000 n 1000

1000

10,000

1000 - 10000

60 - 10000 - 100000 - 1000000