



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

July 19, 1982

Southern Union Exploration of Texas
Texas Federal Building
1217 Main Street, Suite 400
Daallas TX 75202

Re: Susco #16, State 1, M-16-32N-8W, San Juan County C.G.

Gentlemen:

The enclosed packer-leakage test is inconclusive in proving zone separation.

You are directed to reschedule and retest the well in a manner which will prove zone separation. Advise this office by telephone prior to testing in order that such test may be witnessed.

If you have any questions please call this office.

Yours truly,

Charles Gholson
Deputy Inspector

CG:gc

Enc.

cc: Well file
Operator file

This form is not to be used for reporting packer leakage tests in Louisiana and Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator SOUTHERN UNION EXPLORATION of TEXAS Lease Susco # 16 Well No. State 1
 Location
 of Well: Unit M Sec. 16 Twp. 32 Rge. 8 County San Juan
 Type of Prod. Method of Prod. Prod. Medium
 Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

oper completion	Gallup	Gas	Flow	Tbg.
ower completion	Dakota	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

oper compl	Hour, date Shut-in	5-19-82	Length of time shut-in	7-Days	SI press. 2755 Tbg.	Stabilized?
ower compl	Hour, date Shut-in	5-19-82	Length of time shut-in	7-Days	psig 2910 Csg.	(Yes or No) Yes
oper compl	Hour, date Shut-in	5-19-82	Length of time shut-in	7-Days	SI press. 2921 Tbg.	Stabilized?
ower compl	Hour, date Shut-in	5-19-82	Length of time shut-in	7-Days	psig 2921 Tbg.	(Yes or No) Yes

FLOW TEST NO. 1

Commenced at (hour, date)*				5-26-82		Zone producing (Upper or Lower): Upper	
Time hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks		
		Upper Compl.	Lower Compl.				
		tbg	csg	tbg			
5-26-82	15-Min	731	1952	2921	68	Well unloaded stream of	
5-26-82	30-Min	372	1521	2921	70	water for 6 minutes after	
5-26-82	45-Min	221	1004	2921	72	opened, continued to make	
5-26-82	1-Hour	156	876	2921	74	heavy fog of water rest of	
5-26-82	2-Hours	47	532	2921	82	the test.	
5-26-82	3-Hours	14	421	2921	78		

Production rate during test

Oil: BOPD based on Bbls. in Hrs. Grav. GOR
 Gas: 305 MCFPD; Tested thru (Orifice or Meter): 3/4 choke

MID-TEST SHUT-IN PRESSURE DATA

oper compl	Hour, date Shut-in	5-26-82	Length of time shut-in	7-Days	SI press. 2694 tbg.	Stabilized?
ower compl	Hour, date Shut-in	5-19-82	Length of time shut-in	14-Days	psig 2695 csg.	(Yes or No) No
oper compl	Hour, date Shut-in	5-19-82	Length of time shut-in	14-Days	SI press. 2923 tbg.	Stabilized?
ower compl	Hour, date Shut-in	5-19-82	Length of time shut-in	14-Days	psig 2923 tbg.	(Yes or No) Yes

FLOW TEST NO. 2

ommenced at (hour, date)**		6-2-82		Zone producing (Upper or Lower): Lower		
Time hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks	
		Upper Compl.	Lower Compl.			
6-2-82	15-Min	tbg 2775	csg 2783	tbg 592	82	Well unloaded stream of
6-2-82	30-Min	2803	2803	426	82	water for 4 Minutes, after
6-2-82	45-Min	2812	2812	394	82	opened, blew heavy fog , spray
6-2-82	1-Hour	2812	2812	357	82	of water rest of the test.
6-2-82	2-Hours	2775	2775	276	82	
6-2-82	3-Hours	2762	2762	232	82	

Production rate during test

Oil: BOPD based on Bbls. in Hrs. Grav. GOR
 Gas: 2858 MCFPD; Tested thru (Orifice or Meter): 3/4 Choke

REMARKS:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: Not Approved 7-19-82 Operator SOUTHERN UNION EXPLORATION of TEXAS
 Conservation Division

By C.R. Wagner
 Title Tester

Date 6-2-82

