

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 NONE feet to feet, and from NONE feet to feet.
 Cable tools were used from 0' feet to 4070' TD feet, and from feet to feet.

PRODUCTION

Put to Producing..... NONE, 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 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.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
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'	192'	192'	San Andres				
192'	600'	408'	Glorieta SS member				
600'	750'	150'	Yeso				
750'	2650'	1900'	Sangre de Christo				
2650'	2776'	126'	Magdalena				
2776'	2826'	50'	Tert. Porphyry Intrusive				
2826'	3053'	227'	Magdalena				
3053'	3325'	272'	Tert. Porphyry Intrusive				
3325'	3375'	50'	Magdalena				
3375'	3378'	3'	Tert. Porphyry Intrusive				
3378'	3455'	77'	Magdalena				
3455'	3472'	17'	Tert. Porphyry Intrusive				
3472'	3560'	88'	Magdalena				
3560'	3608'	48'	Tert. Porphyry Intrusive				
3608'	3880'	272'	Magdalena				
3880'	4070'	190'	Tert. Porphyry Intrusive				

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..... Union Land & Grazing Co.
 Name..... Andrew Marshall, Jr.

Paul R. Buehler
Paul R. Buehler March 23, 1962.
 Address..... 2775 Crabapple Rd., Golden, Colorado
Consulting Geologist.
 Position or Title.....

Andrew Marshall Jr.

FORMATION FLOWING PRESSURE TEST

At 12:30 P.M. February 3, 1962, the CO₂ gas blow from the No. 1 Ft. Union well was tested utilizing a 3 inch orifice well tester with a 1 inch plate opening and a Bristol's Model 1 G 531-14 Serial 730960 pressure recording device with chart no. 4638 which recorded pressure in inches of mercury.

When test was begun the pressure reading was immediately 11 inches of mercury and built up to 39 inches of mercury in a 30 minute period then leveled off. The flowing test was ended at 2:30 P.M. after a 2 hour period at which time the recorded pressure was 41 inches of mercury.

Without bleeding off the flowing pressure which had built up, the Bristol's recording device was removed and a guage which recorded pounds per square inch was attached. The reading was 18 p.s.i.

The 3 inch orifice well tester was then removed and a 2 inch orifice well tester was then attached, again without bleeding off the flowing pressure build up. With the 2 inch orifice well tester and a 1 inch plate inserted and a pounds per square inch guage, the reading was 19 p.s.i.

Using British American Oil Producing Co. gas measurement chart 2-15-45 this volume of gas (uncorrected for temperature and pressure) is a flow of gas at the rate of 720 MCF per day.

Later the well was shut in to determine the shut in pressure. The pressure built up to 100 p.s.i. in a 15 minute shut in period.

This gas was analyzed by Core Laboratoris Inc., Dallas, Texas and found to be 98% CO₂.

1942-1943

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..

... ..
... ..