

Contractor Young Drilling Co. Top Choke 1"
 Rig No. 1 Bottom Choke 9/16"
 Spot NE-SW Size Hole 7 7/8"
 Sec. 17 Size Rat Hole None
 Twp. 21 N Size & Wt. D. P. 4" 14.00
 Rng. 8 W Size Wt. Pipe None
 Field Wildcat I. D. of D. C. 2 1/2"
 County San Juan Length of D. C. 369'
 State New Mexico Total Depth 4707'
 Elevation 6595' K.B. Interval Tested 4658-4667
 Formation "Dakota D" Sand Type of Test Straddle

Tool Open @ 11:45 A.M.
 Flow #1 15 Min. SIP #1 30 Min. Flow #2 60 Min. SIP #2 75 Min.
 Flow #3 Min. SIP #3 Min. Flow #4 Min. SIP #4 Min.
 B. H. T. 122° Gravity
 Mud Wt. 9.3 Viscosity 68

TOOL SEQUENCE

NOV 18 1971

U. S. GEOLOGICAL SURVEY

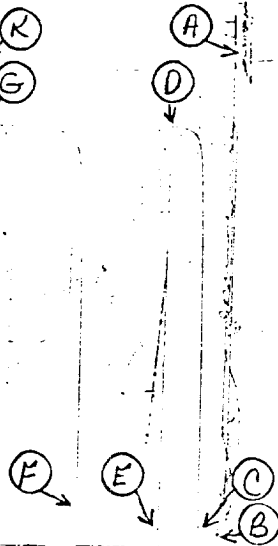
4652-----

4658-----

4667-----

TD 4707-----

PRD Make	<u>Kuster AK-1</u>		
No.	<u>3697</u>	Cap.	<u>3700</u> @ <u>4642</u>
Press	Field	Corrected	
IH	A	2278	2276
FH	K	2268	2248
Flow #1-IF	B	27	54
FF	C	74	77
SIP #1	D	1959	1958
Flow #2-IF	E	74	77
FF	F	167	174
SIP #2	G	1959	1957
Flow #3-IF	H	None	Taken
FF	I	"	"
SIP #3	J	"	"
Pressure Below Bottom Packer Bled To			
			2082

Our Tester: B. J. BobbittWitnessed By: W. N. MorganT-2652R-3697Operator Anderson Oil Co.
Address See DistributionWell Name and No. El Norte-Federal #1
Ticket No. 2652Date 8-20-71DST No. 1
No. Final Copies 15

RECOVERY IN PIPE

DID WELL FLOW - Gas Yes Oil No Water No

460' Total mud
 50' Heavily oil & gas-cut mud = .54 Bbl.
 410' Slightly gas-cut water = 2.25 Bbl.

REMARKS:

1st Flow - Tool opened with a strong blow. Gas to surface in 7 minutes. Maximum gas blow 75,000 cubic feet per day.
 2nd Flow - Tool opened with a strong blow, decreasing to a good blow in 20 minutes. Good blow to end of test.

Corrected pressures in 3 & 7 1/2 minute increment readings on following page.



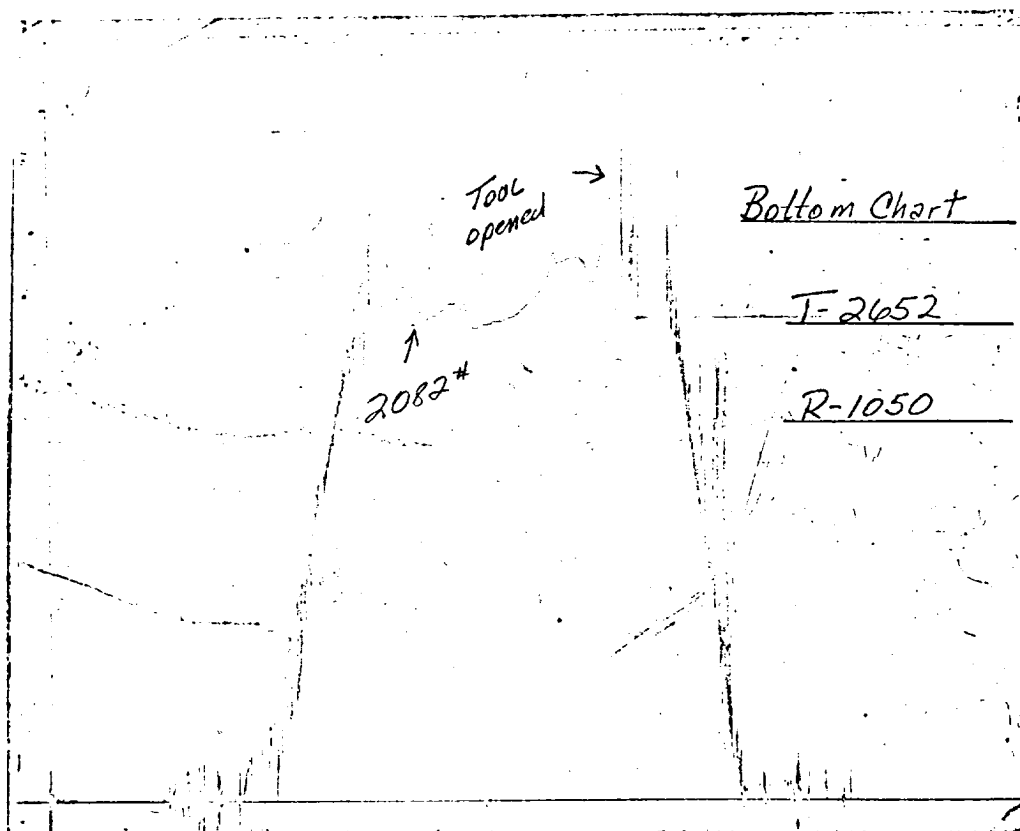
ANDERSON OIL CO.
El Norte-Federal #1 DST #1 Ticket #2652

Initial Shut-in

3 mins.	1799	lbs.
6 "	1888	"
9 "	1917	"
12 "	1933	"
15 "	1942	"
18 "	1948	"
21 "	1951	"
24 "	1954	"
27 "	1956	"
30 "	1958	"

Final Shut-in

7½ mins.	1885	lbs.
15 "	1921	"
22½ "	1937	"
30 "	1944	"
37½ "	1947	"
45 "	1950	"
52½ "	1953	"
60 "	1955	"
67½ "	1956	"
75 "	1957	"



ANDERSON OIL CO.
El Norte-Federal #1 DST #1 Ticket #2652

This recorder blanked off below the bottom packer and since pressure bled to only 2082 lbs., which is more than the shut-in pressure, the bottom packer held. Recorder No. 1050

Fluid Sample Report

Date 8-20-71 Ticket No. 2652

Company Anderson Oil Co.

Well Name & No. El Norte-Federal #1 DST No. 1

County San Juan State New Mexico

Sampler No. 13 Test Interval 4658-4667

Pressure in Sampler 85 PSIG BHT 122 OF

Total Volume of Sampler: 2200 cc.

Sample: 1900 cc.

Oil: 100 cc.

Water: 1800 cc.

Mud: None cc.

Gas: 3.0 cu. ft.

Other: None

Resistivity

Water: 1.94 @ 70° of Chloride Content 3,000 ppm.

Mud Pit Sample @ of Chloride Content ppm.

Gas/Oil Ratio 4800/1 Gravity 4 °API @ of

Where was sample drained Location

Remarks: Not enough oil to check gravity.