

January 2, 1973

TO: New Mexico Oil Conservation Commission

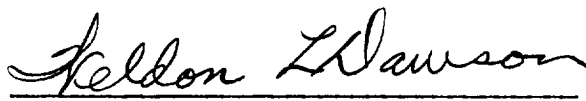
SUBJECT: Deviation Record of the Johnson "Y" No. 1, 635' FSL and
1980' FEL, Sec. 20, T-1-N, R-35-E, Roosevelt County,
New Mexico.

COMPANY: Leede and Pine

DEVIATION RECORD

360'	-	1/2 deg.
872'	-	1/2 deg.
1,373'	-	3/4 deg.
1,882'	-	1/4 deg.
2,410'	-	1/2 deg.
2,670'	-	1/2 deg.
2,870'	-	1/4 deg.
3,007'	-	1/2 deg.
3,388'	-	1-1/4 deg.
3,666'	-	3/4 deg.
4,170'	-	1 deg.
4,639'	-	1 deg.
5,109'	-	3/4 deg.
5,392'	-	1/4 deg.
5,830'	-	1 deg.
6,050'	-	1 deg.
6,390'	-	3/4 deg.
6,570'	-	1 deg.
6,800'	-	1 deg.

TRI-SERVICE DRILLING COMPANY
Drilling Contractor


Weldon L. Dawson - Asst. Secretary



FOSTER TESTERS, INC.

ODESSA, TEXAS

TEST TICKET NO. 3697

ORDER NO. _____

DATE 12-14-72

COMPANY LEEDE & PINE OIL COMPANY LEASE JOHNSON WELL NO. #1FIELD WILDCAT COUNTY ROOSEVELT STATE NEW MEXICO TEST NO. #1MAIL CHARTS TO SEE DISTRIBUTIONMAIL INVOICE TO LEEDE & PINE OIL COMPANY, P. O. BOX 853, MIDLAND, TEXAS 79701

FORMATION TESTED SAN ANDRES TOTAL DEPTH 3680' MAIN HOLE 7 7/8" RAT HOLE -
INTERVAL TESTED FROM 3456' TO 3680' PACKER TYPE BT. SIZE 6 5/8" NUMBER 2
DRILL PIPE SIZE 4 1/2" FH I.D. 3.826 DRILL COLLAR SIZE 4" H-90 I.D. 2.25
TIME PACKER SET A.M. 6:55 P.M. PACKER SET 4 HRS. 20 MIN. PRE FLO TIME 15 MINS.
INITIAL FLOW - MINS. 2ND FLOW - MINS. FINAL FLOW 60 MINS.
INITIAL SHUT-IN 60 MINS. 2ND SHUT-IN - MINS. FINAL SHUT-IN 125 MINS.
RECORDER TYPE AK-1 CAPACITY 5550#-6600# NUMBER: TOP 2347' BOTTOM 2755'
TOP RECORDER DEPTH 3675' BOTTOM RECORDER DEPTH 3680'
MAX. TEMP. 106° TEMP. DEPTH 3676' CHOKE SIZE: TOP 1" ADJ. BOTTOM 5/8"
MUD TYPE SALT GEL MUD WEIGHT 9.6 VISCOSITY 32 FILTER CAKE 2/32 WTR. LOSS N.C.
FLUID CUSHION TYPE NONE AMOUNT NONE REVERSED OUT - YES - NO X
CONVENTIONAL TEST YES STRADDLE TEST - CASING TEST - MISS RUN -
SECOND ASSEMBLY YES ROTARY JAR YES SAFETY JOINT YES
SAMPLER YES YES NO - FFE FLOW TOOL YES - NO X IRC. SUB YES - NO X
SURFACE ACTION: TOOL OPENED WITH WEAK BLOW OF AIR, INCREASED TO STRONG BLOW IN 10 MINUTES, STRONG BLOW FOR REMAINDER OF 15 MINUTE PRE FLOW. REOPEN TOOL WITH WEAK BLOW, INCREASED TO STRONG BLOW OF AIR IN 20 MINUTES, REMAINED STRONG THROUGH THE REST OF TEST. NO GAS OR FLUID TO SURFACE.

RECOVERY: 200' WATER CUT DRILLING MUD
536' SLIGHTLY MUD CUT SALT WATER - 260' SALT WATER
PIT CHLORIDES 155,000 PPM RESISTIVITY .07@50°
TEST CHLORIDES 130,000 PPM RESISTIVITY .075 @ 60°
FLUID SAMPLER DATA: 175# PSI NO GAS NO OIL 3100 CC MUD CUT SALTY WATER

REMARKS: 15 MINUTE PRE FLOW TIME
742' TOTAL DRILL COLLAR LENGTH
41' PERFORATION LENGTH

TESTER C. E. McCORMICK TEST APPROVED BY KENNETH MIDKIFF

	RECORDER NO. 2755		RECORDER NO.		RECORDER NO.	
A INITIAL HYDROSTATIC PRESSURE	1829'	P.S.I.		P.S.I.		P.S.I.
B INITIAL SHUT IN PRESSURE	1427'	P.S.I.	B-1	P.S.I.		P.S.I.
C INITIAL FLOW PRESSURE	201'	P.S.I.	C-1	P.S.I.		P.S.I.
D FINAL FLOW PRESSURE	555'	P.S.I.	D-1	P.S.I.		P.S.I.
E FINAL SHUT IN PRESSURE	1394'	P.S.I.		P.S.I.		P.S.I.
F FINAL HYDROSTATIC PRESSURE	1829'	P.S.I.		P.S.I.		P.S.I.