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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
 NOV 17 1971
 Form C-101
 Supersedes Old
 C-101 and C-103
 OIL CONSERVATION COMM.
 Direct Mail 1-65

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☐ Fee ☐
1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5. State Oil & Gas Lease No.
2. Name of Operator Shar-Alan Oil Corporation		7. Unit Agreement Name
3. Address of Operator 4101 E. Louisiana Ave., Denver, Colorado 80222		8. Farm or Lease Name Fernandez
4. Location of Well UNIT LETTER <u>F</u> , <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>1840</u> FEET FROM THE <u>North</u> LINE, SECTION <u>29</u> TOWNSHIP <u>15N</u> RANGE <u>7W</u> NMPM.		9. Well No. 6
15. Elevation (Show whether DF, RT, GR, etc.) 6662' Gr.		10. Field and Pool, or Wildcat Wildcat
12. County McKinley		

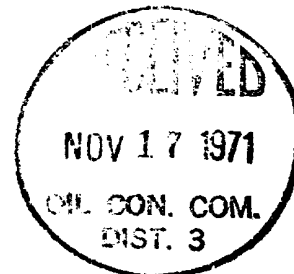
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fernandez #6 was plugged as follows on October 20, 1971:

Dakota 50' plug 2437-2387'
 50' plug 2190-2240'
 Massive Gallup 50' plug 1380-1480'

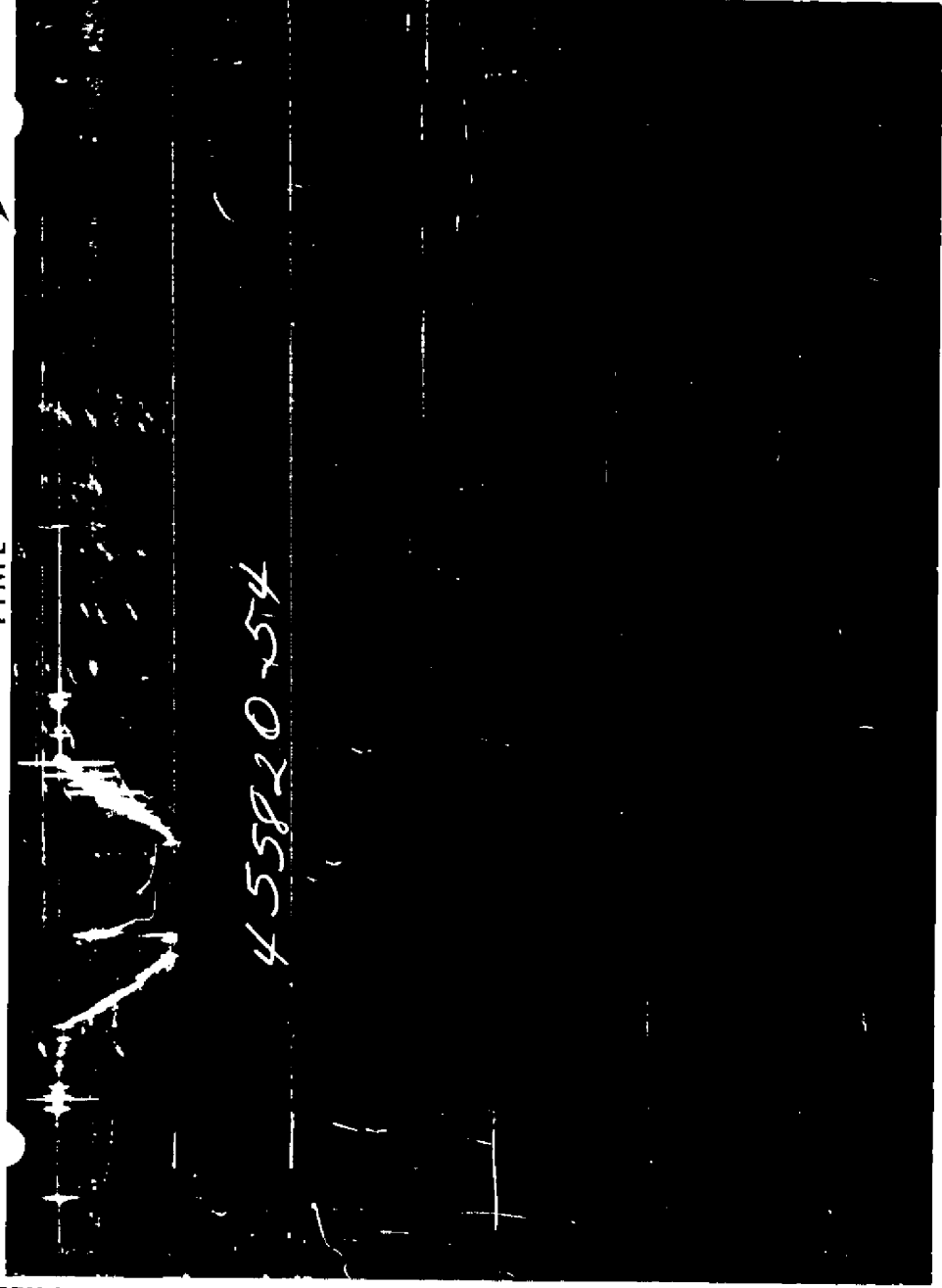
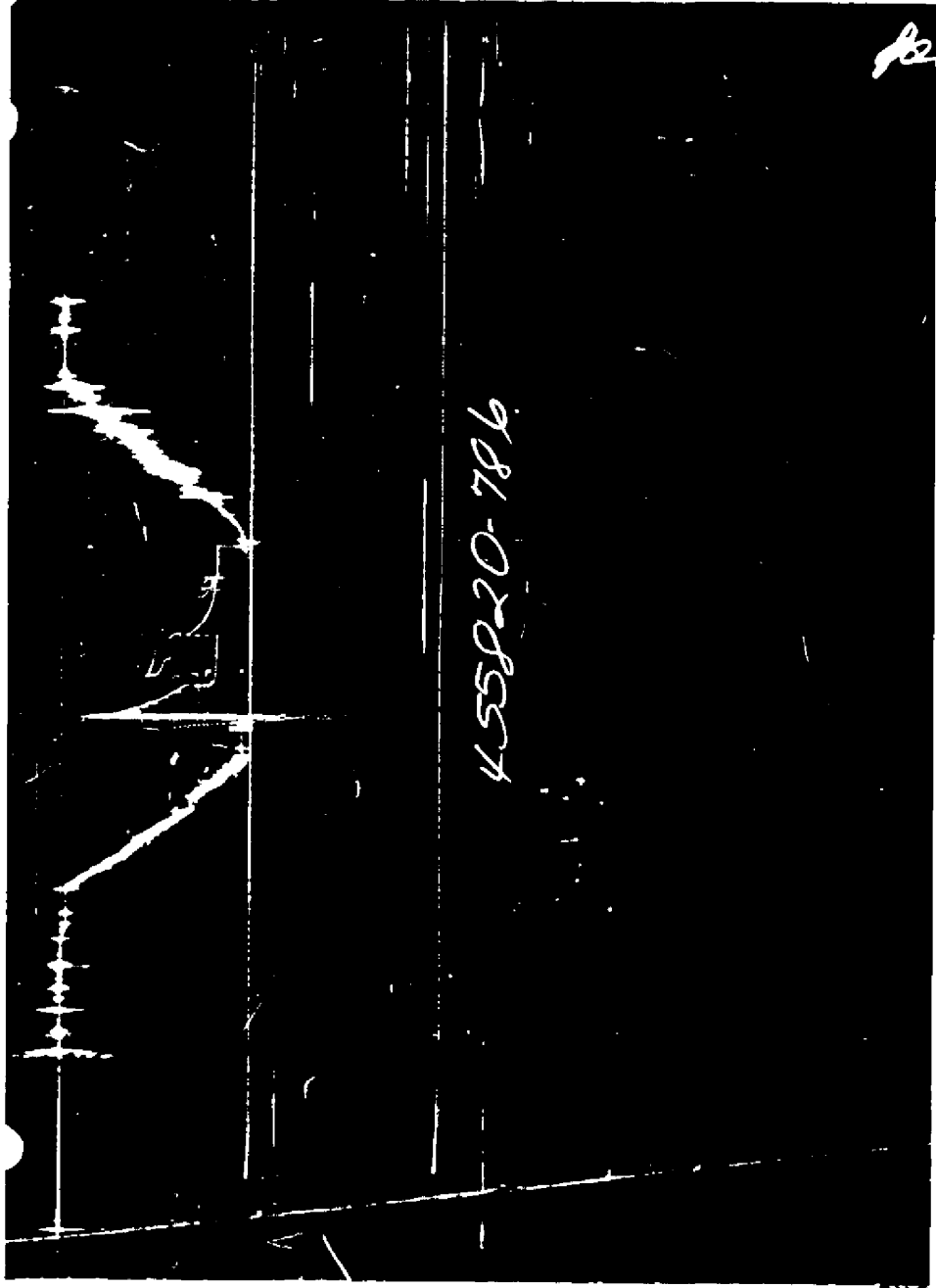


The well was turned over to land owner for water well as evidenced by the Affidavit of Responsibility to convert to water well executed by land owner (attached).

Dec. insp 3-16-72
cased - flowing at 30 gal water/min

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>H.R. Lums</u>	TITLE <u>Land Manager</u>	DATE <u>October 20, 1971</u>
APPROVED BY <u>Ernest C. Currey</u>	TITLE <u>SUPERVISOR DIST. #3</u>	DATE <u>3-16-72</u>
CONDITIONS OF APPROVAL, IF ANY:		



Each Horizontal Line Equal to 1000 p.s.i.

NOMENCLATURE

b	=	Approximate Radius of Investigation	Feet
b_1	=	Approximate Radius of Investigation (Net Pay Zone h)	Feet
$D.R.$	=	Damage Ratio	—
El	=	Elevation	Feet
GD	=	B.T. Gauge Depth (From Surface Reference)	Feet
h	=	Interval Tested	Feet
h_1	=	Net Pay Thickness	Feet
K	=	Permeability	md
K_1	=	Permeability (From Net Pay Zone h)	md
m	=	Slope Extrapolated Pressure Plot (Psi ² /cycle Gas)	psi/cycle
OF_1	=	Maximum Indicated Flow Rate	MCF/D
OF_2	=	Minimum Indicated Flow Rate	MCF/D
OF_3	=	Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF_4	=	Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P_s	=	Extrapolated Static Pressure	Psig.
P_F	=	Final Flow Pressure	Psig.
P_{ot}	=	Potentiometric Surface (Fresh Water*)	Feet
Q	=	Average Adjusted Production Rate During Test	bbls/day
Q_1	=	Theoretical Production w/Damage Removed	bbls/day
Q_g	=	Measured Gas Production Rate	MCF/D
R	=	Corrected Recovery	bbls
r_w	=	Radius of Well Bore	Feet
t	=	Flow Time	Minutes
t_o	=	Total Flow Time	Minutes
T	=	Temperature Rankine	°R
Z	=	Compressibility Factor	—
μ	=	Viscosity Gas or Liquid	CP
Log	=	Common Log	

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.