## NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLIANEOUS REPORTS ON WILLIS

(Submit to appropriate District Office as per Commission-Rule 1106)

COMPANY Midwest Oil Corporation 41 (Addr	2:43 1 Wilkinson Fo	ster Bldg.,	Malega,	gg <b>Texa</b> s
DATE WORK PERFORMED Aug. 27	1 UNIT J	10	13-S	R38_E_
DATE WORK PERFORMED 402, 1956	POOL	<u>lindesign</u>	ate:	
This is a Report of: (Check appropriate bl	ock) / R	esults of T	est of Cas	sing Shut-off
(Onech appropriate br		.c.surte Of I	est of Ca.	ong bhat-on
Beginning Drilling Operations	R	Remedial Work		
Plugging	0	nher		
Detailed account of work done, nature and	quantity of ma	gerials use	d and res	ults obtained.
The following cement plugs were set on 8/2  50 sx @ 12,383 TLD.  50 sx @ 7000  50 sx @ 5600  25 sx @ 4650  25 sx @ 4600  25 sx placed in top of 1:  Hole was filled with 9.1# mud laden fluid were pulled; 13-3/8" casing has a welded above ground level.  Casing left in hole:  359.84' 13-3/8" set @ 356  3004.00' 9-5/8" from 1596	12,383-1 7000-6 5600-5 4650-4 4600-4 3-3/8" csg. between all picap with a 4";	899' 489' 600' 538' lugs; 1578.:	58' of 9-5 r approxim	/8" casing ately 4'
Original Well Date:		_		
DF Elev. TD PBC	e and and	Compl Date		
Thing. Dia Thing Depth Oil Perf Interval (s)	String Dia	O1l	String De	oth
Open Hole Interval Producin	or all a service of the contract			***************************************
open from interval	g r ormation	(-)/		
RESULTS OF WORKOVER:	The control of the second blackers because agents	BEFORE	AF	TER
Date of Test				
Oil Production, bbls, per day		ete e i e e descritore de la comunicación que		
Gas Production, Mcf per day		The Company of the State of the Company of the Comp		<del></del>
Water Production, bbls. per day				
Gas Oil Ratio, cu. ft. per bbl.		VIIV midglidelling on the Absolutional	<del></del>	
Gas Well Potential, Mcf per day		· · · · (Lagrander) al (Lagrander)	<del></del>	
Witnessed by				
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OIL CONSERVATION COMMISSION	I bereby cert above is true my knowledge	my that the and comple	informati	
<del></del>	Name / > Position D.	R. Atteber	reve	my_
D . 1		dwest 011 C	Engine	<b>***</b> /

## DRILL STEM TEST DATA

## Townsend No. 1

- Test #1 9350-9452', tool open 1 hour, weak blow. Recovered 33' mud, no show. Pressures: IF 120#, FF 140#, 30" BHP 160#, H.P. 5655#.
- Test #2 12,276-12,383', tool open 1½ hours, good blow. Recovered 11,130' sulphur water. Pressures: IBHP 5225#, IF 3175#, FF 5225#, FBHP (30") 5225#, H.P. 6100#.

 $\frac{\partial}{\partial x} = \frac{\partial}{\partial x} \left( \frac{\partial}{\partial x} - \frac{\partial}{\partial x} \frac{\partial}{\partial x} \right) + \frac{\partial}{\partial x} \left( \frac{\partial}{\partial x} - \frac{\partial}{\partial x} \frac{\partial}{\partial x} \right) = 0$ (2.27)

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