

15.159.20935.0000

KANSAS

FORM CP-3
Rev. 1-8-82

STATE CORPORATION COMMISSION

CONSERVATION DIVISION AGENT REPORT

RECEIVED
STATE CORPORATION COMMISSION
APR 14 1982
935
CONSERVATION DIVISION
Wichita, Kansas

API Number 15-159

200 Colorado Derby Building
Wichita, KS 67202

Operator's Full Name Subid Petroleum Company 4-14-82

Complete Address Box 30, Casper, Wyoming 82602

Lease Name Mantel Well No. 6

Location NW SE NE Sec. 18 Twp. 20 Rge. 10 (~~East~~) (West)

County Rice Total Depth 3354'

Abandoned Oil Well Gas Well Input Well SWD Well D&A

Other well as hereinafter indicated _____

Plugging Contractor Kelso Casing Pulling and Halliburton Co.

Address Box 176, Chase, Kansas License No. 683

Operation Completed: Hour: 1:00 PM Day: 2 Month: April Year: 1982

Plugging Operations attended by Agent?: All Part None

The above well was plugged as follows:

Hole Filled with sand to 3300' and cemented with 5 sacks cement.
Hole squeezed with 8 3/8" plug, 4 sacks hulls, 25 sacks gel-mud, and
100 sacks 50/50 Perm mix with 2 1/2 gal pumped into 8 3/8" surface
casing at 450 P.S.I. Closed in @ 250 P.S.I.

Amount of Surface Casing: 8 3/8" - 310' - 250 Sacks

I hereby certify that the above plugging instructions were given as herein stated.

Signed: [Signature]
Conservation Division Agent

I hereby state that I was not present while the above well was being plugged, however, to the best of my knowledge and belief it was plugged as herein stated. A full account for my not being present is as follows:

Signed: _____
Conservation Division Agent

INVOICED

DATE 4-15-82
INV. NO. 9919-a

15.159.20935.0000

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 159 — 20,935
County Number

S. 18 T. 20 R. 10 ^{NE} _W
 Loc. 750' FSL, 1020' FEL
NW SE NE
 County Rice

Operator
Sohio Petroleum Co.

Address
P.O. Box 30 Casper, Wy 82602

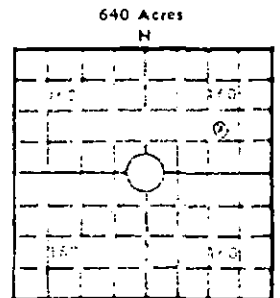
Well No. #6 Lease Name Mantel

Footage Location
750' feet from ~~XXXS~~ line 1020' feet from ~~EI XXX~~ line

Principal Contractor Emphasis Oil Operations Geologist Francis Whisler

Spud Date 8/8/80 Date Completed 8/18/80 Total Depth 3359' P.B.T.D. 3334'

Directional Deviation Oil and/or Gas Purchaser
Sohio Petroleum Company



Elev.: Gr. 1767'
 DF KB 1772'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		8 5/8"	20#/ft.	310' KB	60-40 Poz Class A	150 50	2% Gel 3% CaCl 3% CaCl
Production		5 1/2"	14#/ft.	3358'	Howcolite 50-50 Poz	30 50	18% salt, 3/4% CFR-2, 10# Gil-sonite SX 18% salt, 10# Gil-sonite SX

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	None			See Back	

Size	Setting depth	Packer set at
2 1/2"	3334'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See Back	See Back

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INITIAL PRODUCTION

Date of first production 9/8/80 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS
 Oil 3 bbls. Gas 0 MCF Water 141 bbls. CFPB

Disposition of gas (vented, used on lease or sold) None Producing interval(s) Arbuckle 3316-20'

NOV 2 1981

CONSERVATION DIVISION
 Wichita, Kansas

INSTRUCTIONS: As provided in KCC Rule 32-2-125, within 90 days after completion of a well, one completed copy of this Driller's Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202 Phone AC 316-522-2206. If confidential custody is desired, please note Rule 32-2-125. Driller's Logs will be an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

EMPHASIS OIL OPERATIONS
 P.O. Box 506
 Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Sohio Petroleum Company
 P. O. Box 30
 Casper, Wyoming 82602

CONTRACTOR: Emphasis Oil Operations
 P. O. Box 506
 Russell, Kansas 67665

LEASE: Mantel WELL: #6

LOCATION: 260' S & 30' W of C-NW SE NE
 Section 18-20-10W
 Rice County, Kansas

Total Depth: 3359'

Elevation:

Commenced: 8-8-80

Completed: 8-18-80

Casing: 8-5/8" @ 310
 5-1/2" @ 3358

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Sand & clay	30	Shale & lime	3040
Shale & sand	640	Lime & shale	3310
Shale & shells	1014	Lime (R.T.D.)	3359
Shale	1480		

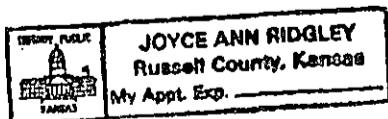
STATE OF KANSAS)
) ss
 COUNTY OF RUSSELL)

I, Joe K. Branum, of Emphasis Oil Operations, state that the above and foregoing is a true and correct log of the above captioned well.

Joe K. Branum

 Joe K. Branum

Subscribed and sworn to before me this 22nd day of August, 1980.
 My Commission Expires: 4-29-84.



Joyce Ann Ridgley

 Notary Public

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 CONSERVATION DIVISION
 Wichita, Kansas

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Operator **So. Petroleum Company** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Oil**

Well No. **-6** Lease Name **Mantel**

S 18 T 20 R 10 ~~XX~~
W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Logs: Gamma Ray-Guard-Neutron-Compensated Density-Caliper			Krider	1392'
DST #1 2451' to 2476'			Florence	1618'
Rec: 310' of gas, 10' of mud, 5' of free oil, 60' slight oil and gas cut mud, 180' muddy water, 180' water			Indian Cave	2159'
IFP: 40 to 90 psi			Severy	2556'
IBHP: 847 psi			Topeka	2603'
FFP: 90 to 220 psi			Douglas Shale	2906'
FBHP: 827 psi			Arbuckle	3316'
DST #2 2552' to 2600'				
Rec: 120' of mud, 780' of muddy water, 480' of water				
IFP: 220 to 380 psi				
IBHP: 807 psi				
FFP: 380 to 797 psi				
FBHP: 807 psi				
Perforated 3316-20' w/2 SSB/ft. Acidized w/250 gal. 15% MCA Swab tested Perforated 3320-25' w/2 SSB/ft. Reperforated 3316-20' w/2 SSB/ft. Treated perms 3316-3325 w/250 gal. 28% HCL				

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CONSERVATION DIVISION

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD. *Wichita, Kansas*

Date Received	<i>W. H. Ward</i>
	Signature
	District Superintendent
	Title
	December 19, 1980
	Date

1001 Job

15.159.20935.0000

OFFICE DIRECT MOORE BUSINESS FORMS, INC., WICHITA FALLS, TEXAS 76701



BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION

FOR INVOICE AND
TICKET NO.

DATE 4-2-82	CUSTOMER ORDER NO.	WELL NO AND FARM Mantel #6	COUNTY Rice	STATE Ks.
CHARGE TO Sohio Petroleum		OWNER Sohio Petroleum	CONTRACTOR No. B 212057	
MATERIALS ADDRESS		DELIVERED FROM Gt. Bend, Ks.	LOCATION CODE 50320	PREPARED BY M. Poncin
CITY & STATE		DELIVERED TO Location	TRUCK NO. 4608-8205	RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
				100 500-Pozmix Cement W/2% Gel 50-50						
504-043		2	b	Regular Portland	250	SKS			5.25	1312.50
506-105		2	b	Pozmix A	50	CU FT			2.46	123.00
506-121		2	b	Halliburton Gel 2% allowed						NC
509-406		2	b	Calcium Chloride 3% (picked up)	4	SKS			24.00	96.00
<p>RECEIVED STATE CONSERVATION DIVISION APR 1 1982 CONSERVATION DIVISION Wichita, Kansas</p>										
		Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES			
		SERVICE CHARGE ON MATERIALS RETURNED					CU. FEET			
500-207		2	b	SERVICE CHARGE				100 500	.95	95.00
500-306		2	b	Mileage Charge	8.568 42.310	18		0.77 305.55	.70	269.39
				TOTAL WEIGHT	LOADED MILES		TON MILES			

This is not an invoice

No. B 212057 CARRY FORWARD TO INVOICE SUB-TOTAL 534 48