

PACKET 1
WELL CEMENT REPORTS

VACUUM GLORIETA EAST UNIT

N.M.O.C.D. HEARING NUMBER 10846

ANALYSIS OF THIRTY-FIVE VACUUM ABO UNIT
WELL COMPLETIONS WITHIN THE VACUUM GLORIETA EAST UNIT
WATERFLOOD PROJECT "AREA OF REVIEW"

JAC ABO 101
 CBL in line

CASING AND CEMENTING DETAIL: (Cont'd)

Oil String: (Cont'd)

K.B. to top 7" casing	12.00
1 cut off joint 7", 26#, J-55, ST&C casing	30.00
13 joints, 7", 26#, J-55, ST&C casing	420.18
43 joints, 7", 23#, J-55, ST&C casing	1407.51
59 joints, 7", 20#, J-55, ST&C casing	1848.76
60 joints, 7", 23#, J-55, ST&C casing	1925.73
66 joints, 7", 26#, J-55, ST&C casing	2101.98
22 joints, 7", 23#, N-80, LT&C casing	709.76
17 joints, 7", 26#, N-80, LT&C casing	565.91
Larkin filrite float collar	1.50
1 joint 7", 26#, N-80, LT&C casing	33.20
Larkin filrite float shoe	1.70
Landing depth	<u>9058.23'</u>

Ran 2 centralizers on shoe joint, 1 per joint next 18 joints, 1 every third joint to 6300', and 1 per joint next 13 joints. Sandblasted bottom 18 joints and 13 joints through Paddock pay. Threadlocked bottom 4 connections.

Circulated 30 min. with rig pump prior to cementing. Pumped 100 bbls. fresh water ahead of cement. Mixed and pumped 200 sacks Incor-20% diacel, 150 sacks Incor-40% diacel and 150 sxs Incor with 2% gel. Used two plug method. Bumped top plug with 2000 psi. Casing and float held, ok. WOC 9:45 A.M. 2-24-64. Cut off casing and flanged down tubing spool. Rig released 1:00 P.M. 2-24-64

Tubing Detail:

		(setting depth)
(long string)		
K.B. to top tubing	11.00	
194 joints 2 3/8", 4.7#, J-55, EUE 8 R, tubing	6034.69	
Guiberson parallel string anchor	1.00	6045.69
84 joints 2 3/8", 4.7#, J-55, EUE, 8 R tubing	2605.13	
Seating nipple	1.11	8651.82
1 joint 2 3/8", 4.7#, J-55, EUE, 8R tubing	30.53	
Otis Type "A" sliding side door	2.20	8682.16
Guiberson Type RHI hydraulic set packer	6.05	8684.36
Otis Type "E" landing nipple	.81	8690.41
1 joint 2 3/8", 4.7#, J-55, EUE, 8R tbg.	31.35	
Guiberson seating sub	.83	8722.57
Landing depth	<u>8723.40</u>	<u>8723.40</u>

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Phillips Petroleum Company		Address Box 2105, Hobbs, New Mexico			
Lease Santa Fe	Well No. 57	Unit Letter N	Section 33	Township 17S	Range 35E
Date Work Performed 2-24, 25-1961	Pool Undesignated	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC AB 6-57

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14,17,15.5#) Casing at 8993' with 340 sacks Incor 40% DD (1475 cu. ft) followed by 200 sacks Slosset. Plug to 8958'. WOC 19 hours. Checked top of cement at 3300'. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by D. M. Barton	Position Lease Foreman	Company Phillips Petroleum Company
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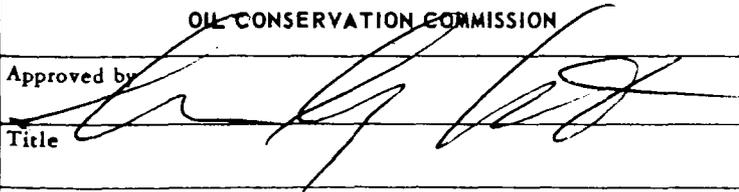
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name Merleston		
Title	Position District Chief Clerk		
Date	Company Phillips Petroleum Company		

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Phillips Petroleum Company** Address **Box 2105 - Hobbs, New Mexico**

Lease **Santa Fe** Well No. **59** Unit Letter **F** Section **5** Township **18 S** Range **35-E**

Date Work Performed **9-9, 10, 11-1961** Pool **Vacuum Abo** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Casing Test and Cement Job
- Other (Explain): **VAC ABO 6-59**
- Plugging
- Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14, 15.5, 17#) casing at 8982' with 345 sacks 40% DD (1560 cu. ft.) followed by 200 sacks Slosset. Plug to 8950' with 500 gallons acetic acid. WOC 22 hours. Temperature survey top of cement at 3600'. Tested casing with 1500# for 30 minutes; no pressure loss.

Witnessed by **C. L. Sumrwell** Position **Lease Foreman** Company **Phillips Petroleum**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

DF Elev.	TD	PBTD	Producing Interval	Completion Date
Tubing Diameter		Tubing Depth	Oil String Diameter	Oil String Depth
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before workover						
After workover						

OIL CONSERVATION COMMISSION

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

Witnessed by *[Signature]* Name *[Signature]*
 Position **District Chief Clerk**
 Company **Phillips Petroleum Company**

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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Phillips Petroleum Company		Address Box 2105, Hobbs, New Mexico			
Lease Santa Fe	Well No. 61	Unit Letter G	Section 34	Township 17S	Range 35E
Date Work Performed 1-13/14/15-1962	Pool Vacuum Abo		County Lea		

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC ABO 6-61

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14,15.5,17#) casing at 9099' with 456 sacks Incor 40% DD (2460 cu. ft.) followed by 200 sacks Slosst. Plug to 9080'. WOC 22 hours. Temperature survey top of cement at 1100'. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by C. L. Sumrwell	Position Lease Foreman	Company Phillips Petroleum Company
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ORIGINAL WELL DATA

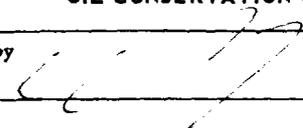
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by 	Name W. J. [Signature]
Title	Position District Chief Clerk
Date	Company Phillips Petroleum Company

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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Phillips Petroleum Company		Address Box 2105, Hobbs, New Mexico			
Lease Santa Fe	Well No. 63	Unit Letter B	Section 5	Township 18-S	Range 35-E
Date Work Performed 12-9, 10, 11-1961	Pool Undesignated	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC A B O 6-63

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14, 15.5, 17#) casing at 8999' with 355 sacks SR 40% DD (1600 cu. ft., 267 sacks DD) followed by 200 sacks Slosset. Plug to 8961'. WOC 18 hours. Temperature survey top of cement at 2300'. Tested casing with 1500# for 30 minutes, no loss.

Witnessed by C. L. Sumrwell	Position Lease Foreman	Company Phillips Petroleum Company
---------------------------------------	----------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

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

OIL CONSERVATION COMMISSION		Name <i>[Signature]</i>	
Approved by <i>[Signature]</i>		Position District Chief Clerk	
Title		Company Phillips Petroleum Company	
Date			

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FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS
HOBBS OFFICE

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

Name of Company **Phillips Petroleum Company** Address **1962 APR 12 PM 2:50
Box 2105 - Hobbs, New Mexico**

Lease **Santa Fe** Well No. **64** Unit Letter **A** Section **34** Township **17-S** Range **35-E**

Date Work Performed **Apr 10, 11, 12, 1962** Pool **Undesignated** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work **UAC A30 6-64**

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14, 15.5, 17#) casing at 9100' with 320 sacks Inocer 40% DD (1450 cu. ft.) followed by 200 sacks Sleset cement. Plug to 9067'. WOC 22 hours. Temperature survey top of cement at 1600'. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by **C. L. Sumrwell** Position **Lease Foreman** Company **Phillips Petroleum Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

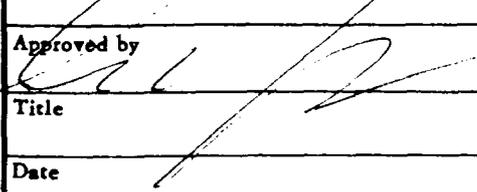
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by  Name **W. H. Johnston**
Title **District Chief Clerk**
Date _____ Company **Phillips Petroleum Company**

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NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

FORM C-103
(Rev 3-55)

Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Phillips Petroleum Company		Address Box 2105 - Hobbs, New Mexico			
Lease Santa Fe	Well No. 65	Unit Letter B	Section 34	Township 17S	Range 35E
Date Work Performed Feb 25, 26, 27, 1962	Pool Vacuum Abo	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC ABO 6-65

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14,15.517#) casing at 9093' with 344 sacks Inocer 40% DD (1900 cu. ft.) followed by 200 sacks Sisset. Plug to 9062'. WOC 21 hours. Tested casing with 1500# for 30 minutes, no pressure loss.

*3100' Top of Cement + Teng Survey,
as per 1145' Casing Log -*

Witnessed by C. L. Sumrwell	Position Lease Foreman	Company Phillips Petroleum Co.
---------------------------------------	----------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>[Signature]</i>	Name <i>[Signature]</i>	Position District Chief Clerk	Company Phillips Petroleum Co.
Title			
Date			

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Phillips Petroleum Company** Address **1962 MAY 13 PM 1:29**
Box 2105 - Hobbs, New Mexico

Lease **Santa Fe** Well No. **66** Unit Letter **M** Section **26** Township **17-S** Range **35-E**

Date Work Performed **May 16, 17, 18 - 1962** Pool **Undesignated** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work **VAC A30 6-66**

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14,15,17#) casing at 9132' with 415 sacks Incor 40% DD (1840 cu. ft.) followed by 200 sacks Sleset. Plug to 9103'. WOC 22 hours. Temperature survey top of cement at 1700'. Tested casing with 1500# for 30 minutes, no pressure less.

Witnessed by **C. L. Sumrwell** Position **Lease Foreman** Company **Phillips Petroleum Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. TD PBTD Producing Interval Completion Date

Tubing Diameter Tubing Depth Oil String Diameter Oil String Depth

Perforated Interval(s)

Open Hole Interval Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by _____ Name **W. H. ...**
Title _____ Position **District Chief Clerk**
Date _____ Company **Phillips Petroleum Co.**

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FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office of Commission Rule 1106)

Name of Company **Phillips Petroleum Company** Address **Box 2105 - Hobbs, New Mexico**

Lease **Santa Fe** Well No. **67** Unit Letter **L** Section **26** Township **17S** Range **35E**

Date Work Performed **June 2-3-4, 1962** Pool **Undesignated** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
- Plugging Remedial Work

VACABO 6-67

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14,15.5,17#) casing at 9033' with 320 sacks Incon 40% DD (1450 cu. ft.) followed by 200 sacks sloset. Plug to 9000'. PFCo. Temperature survey top of cement at 2700'. WOC 20 hours. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by **C. L. Sumerswell** Position **Lease Foreman** Company **Phillips Petroleum Company**

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ORIGINAL WELL DATA

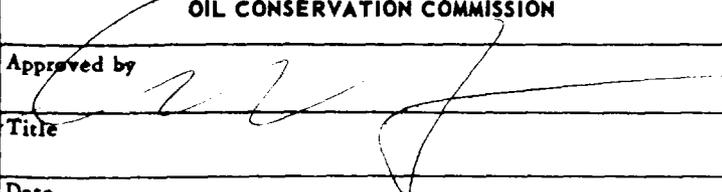
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by  Name **W. J. ...**

Title **District Chief Clerk**

Date _____ Company **Phillips Petroleum Company**

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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Phillips Petroleum Company** Address **1363 W. 18th St. Box 2130 - Hobbs, New Mexico**

Lease **Santa Fe** Well No. **68** Unit Letter **H** Section **34** Township **17S** Range **35E**

Date Work Performed **7/11, 12/63** Pool **Vacuum Abo Reef** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Casing Test and Cement Job
- Other (Explain):
- Plugging
- Remedial Work

VAC ABO 6-68

Detailed account of work done, nature and quantity of materials used, and results obtained.

Dowell cemented 5-1/2" (14,15.5#) casing at 9000' with 295 sacks Incer SR 40% DD (1310 cu. ft., 223 ex. DD) followed by 200 sacks Slosset. Plug to 8981'. Cement used represents 115% of volume indicated by caliper survey. Tested casing with 2000# for 30 minutes, no pressure loss.

7 O.C. ...
Ty. Cement 2950

Witnessed by **C. L. Sumnerwell** Position **Lease Foreman** Company **Phillips Petroleum Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. TD P BTD Producing Interval Completion Date

Tubing Diameter Tubing Depth Oil String Diameter Oil String Depth

Perforated Interval(s)

Open Hole Interval Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by *[Signature]* Name **W. Glorston**
 Title **Area Chief Clerk**
 Date Company **Phillips Petroleum Co.**

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Phillips Petroleum Company		Address Box 2105 - Hobbs, New Mexico	
Lease Santa Fe	Well No. 69	Unit Letter K	Section 26
Date Work Performed June 14, 15, 16, 19 62		Township 17S	Range 35E
Pool Undesignated		County Lea	

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

UAC ABO 6-69

Detailed account of work done, nature and quantity of materials used, and results obtained.

Cemented 5-1/2" (14,15,17) casing at 9099' with 400 sacks Incor 40% DD (1800 cu. ft.) followed with 200 sacks Slosset. Plug to 9070'. WOC 22 hours. Tested casing with 2200# for 30 minutes, no pressure loss.

Top Seal Test 14, 15, 17

1962 JUN 17 AM 10

Witnessed by C. L. Sumrwell	Position Lease Foreman	Company Phillips Petroleum Co.
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ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>[Signature]</i>	Name <i>[Signature]</i>		
Title	Position District Chief Clerk		
Date	Company Phillips Petroleum Co.		

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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Phillips Petroleum Co.** Address **Box 2105 Hobbs, N. M.**

Lease **Santa Fe** Well No. **70** Unit Letter **G** Section **25** Township **17S** Range **35E**

Date Work Performed **7-15-62** Pool **Vacuum Abo** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
- Plugging Remedial Work

Vac Abo 6-70

Detailed account of work done, nature and quantity of materials used, and results obtained.

14 & 15.5#, new,
BJ cemented 5-1/2" casing/at 9066' with 425 sacks Incor 40% DD followed by 200 sacks Slosot. Pumped plug to 9032'. WOC 12 hours, PPCo temperature survey, top of cement at 3150'. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by **C. L. Sumerwell** Position **Lease Foreman** Company **Phillips Petroleum Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by _____ Name *John ...*

Title _____ Position **District Chief Clerk**

Date _____ Company **Phillips Petroleum Company**

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Phillips Petroleum Company		Address Box 2105 - Hobbs, New Mexico	
Lease Santa Fe	Well No. 74	Unit Letter N	Section 26
		Township 17S	Range 35E
Date Work Performed Oct 17-18-1962	Pool Vacuum Abo	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC A 30 6-74

Detailed account of work done, nature and quantity of materials used, and results obtained.

Halliburton cemented 5-1/2" (14,15.5#) casing at 9000' with 325 sacks Incoor 40% DD (1900 cu. ft.) followed by 200 sacks Slosset. Plug to 8985'. WOC 21 hours. Tested casing with 1500# for 30 minutes, no pressure loss. Temperature survey top of cement at 750'.

Witnessed by B. E. Allen	Position Sub-foreman	Company Phillips Petroleum Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

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

OIL CONSERVATION COMMISSION		Name <i>[Signature]</i>	
Approved by <i>[Signature]</i>	Title District Chief Clerk	Position	
Date	Company Phillips Petroleum Company		

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Phillips Petroleum Company** Address **Box 2105 - Hobbs, New Mexico**

Lease **Santa Fe** Well No. **76** Unit Letter **F** Section **26** Township **17S** Range **35E**

Date Work Performed **3-31, 4-1, 1963** Pool **Vacuum Abo** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work **VAC ABO 6-76**

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled to total depth of 10680'. Top of Wolfcamp at 9495'. Ran DST and tested Wolfcamp zone - non-productive.

Halliburton spotted 305 sacks neat cement 9590', checked top of cement plug at 9058'.

Halliburton cemented 5-1/2" (14 and 15.5# J-55) casing at 9058' with 2160 cu. ft. 40% DD (480 sacks Incor, 360 sacks DD) followed with 200 sacks Inferno neat. Plug to 9028'. WOC 19 hours. Tested casing with 2000# for 30 minutes, no pressure loss. Top of cement at 1700'.

Witnessed by **C. L. Sumrwell** Position **Lease Foreman** Company **Phillips Petroleum Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

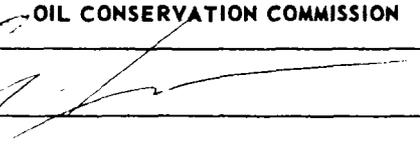
ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by  Name **W. H. Johnston**
 Title **District Chief Clerk**
 Date **4-3-63** Company **Phillips Petroleum Company**

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Phillips Petroleum Company** Address **Box 2105 - Hobbs, New Mexico**

Lease **Santa Fe** Well No. **78** Unit Letter **D** Section **35** Township **17S** Range **35E**

Date Work Performed **5/4-5-6/63** Pool **Vacuum Abo Reef** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work
VAC ABO 6-78

Detailed account of work done, nature and quantity of materials used, and results obtained.

Halliburton cemented 5-1/2" (14,15.5#) casing at 9000' with 1410 cu. ft. 40% DD followed with 200 sacks Slosset. Pumped plug to 8968'. MOC 22 hours. Temperature survey top of cement at 2500'. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by **C. L. Sumrwell** Position **Lease Foreman** Company **Phillips Petroleum Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by *[Signature]* Name **W. Houston**
Title **Area Chief Clerk**
Date Company **Phillips Petroleum Co.**

JUN 11 1963

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

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Name of Company Phillips Petroleum Company		Address Box 2105 - Hobbs, New Mexico			
Lease Santa Fe	Well No. 79	Unit Letter E	Section 26	Township 17S	Range 35E
Date Work Performed 6/6-7/63	Pool Vacuum Abo Reef	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC ABO 6-79

Detailed account of work done, nature and quantity of materials used, and results obtained.

Halliburton cemented 5-1/2" (14,15.5#) casing at 8975' with 1750 cu. ft. (388 sq. Incor 40% DD) followed by 200 sacks Sisset. Pumped plug to 8951'. Temperature survey top of cement at 2200'. WOC 21 hours. Tested casing with 2000# for 30 minutes, no pressure loss.

Witnessed by C. L. Sumrwell	Position Lease Foreman	Company Phillips Petroleum Co.
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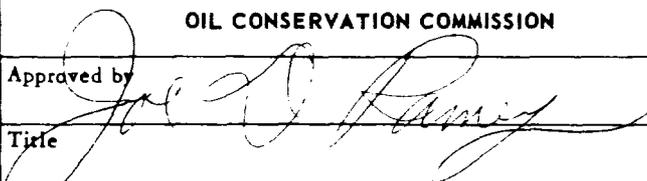
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ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name W. H. ...		
Title Area Chief Clerk	Position Area Chief Clerk		
Date	Company Phillips Petroleum Company		

6-7-63

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1706)

SEP 27 10 14 AM '63

Name of Company Phillips Petroleum Company		Address P.O. Box 2130 - Hobbs, New Mexico			
Lease Santa Fe	Well No. 85	Unit Letter C	Section 35	Township 17S	Range 35E
Date Work Performed 9/23-24/1963	Pool Vacuum Abo Reef		County Lea		

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work
VACUABO 6-85

Detailed account of work done, nature and quantity of materials used, and results obtained.

Halliburton cemented 5-1/2" (14 & 15.5#) casing at 8950' with 390 sacks Incor SR 40% DD (1750 cu. ft., 294 sacks DD) followed by 200 sacks Slosset. Plug to 8930'. Tested casing with 2500# for 30 minutes, no pressure loss. Temperature survey top of cement at 2200'. (WOC 23 hours)

Witnessed by C. L. Sumrwell	Position Lease Foreman	Company Phillips Petroleum Co.
---------------------------------------	----------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

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

OIL CONSERVATION COMMISSION	
Approved by 	Name W. C. ...
Title	Position Area Chief Clerk
Date	Company Phillips Petroleum Co.

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office or to the Commission, Suite 1106)

Name of Company Socony Mobil Oil Company, Inc.		Address Box 2406, Hobbs, New Mexico				
Lease State "M"	Well No. 10	Unit Letter E	Section 34	Township 17 S	Range 35 E	
Date Work Performed 3/11/62	Pool Undesignated			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC A B 8-10

Detailed account of work done, nature and quantity of materials used, and results obtained.

Set 1725' of 17# J-55 and 3978' of 15.50# J-55 5 1/2" liner @ 9100'. Top of liner @ 3397'. Cemented 5 1/2" liner w/550 sx cement (450 sx lt. wt. + 100 sx Trinity Inferno). PD @ 9 AM 3/11/62. Did not circ. WOC 8 hrs. Worth Well ran Temp. Survey, Top cement @ 3540'. WOC 13 additional hrs. Tested top of 5 1/2" liner @ 3397' w/1500# for 30 mins. Tested OK.

Witnessed by Karl D. Hughes	Position Drilling Foreman	Company Socony Mobil Oil Company, Inc.
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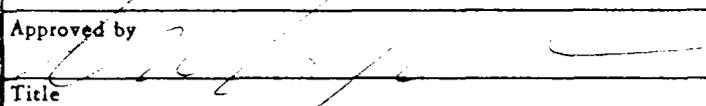
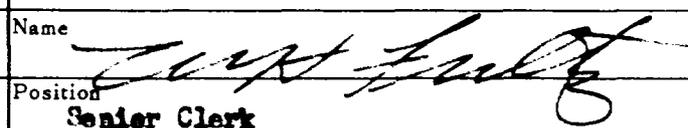
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ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name 	Position Senior Clerk	Company Socony Mobil Oil Company, Inc.
Title			
Date			

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Standard Oil Company of Texas, A Division of California Oil Company		Address Drawer "S", Monahans, Texas	
Lease State 6-24	Well No. 6	Unit Letter L	Section 34
		Township 17S	Range 35E
Date Work Performed See Below	Pool Acum (Abo)	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

UAC ABO 10-06

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled 7-7/8" hole to total depth of 9100'. Cemented 5-1/2", 15.5# and 17#/ft, J-55, SFC. New casing at 9100' with 429 ex., 40% diacel "D" cement followed by 250 ex. Incore neab cement. Plug down at 9:15 PM, 7-26-61. After waiting on cement 8 hours, cut off csg. and nipped up tubing spool. Top cement at 3280' by temperature survey. After waiting on cement total 1 1/2 hours, pressure tested casing with 1500 PSI for 30 mins. OK Rig released 7-28-61.

Witnessed by Jim Pullig	Position Engineer	Company Standard Oil Co. of Texas, A Division of California Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by		Name	<i>O. N. Lofton</i> O. N. Lofton
Title		Position	Production Foreman
Date		Company	Standard Oil Company of Texas, A Division of California Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Standard Oil Company of Texas, A Division of California Oil Company		Address Drawer "S", Monahans, Texas			
Lease State 6-34	Well No. 8	Unit Letter H	Section 34	Township 17S	Range 35E
Date Work Performed See Below	Pool Vacuum (Abo)	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VAC ABO 10-08

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled 7-7/8" hole to total depth of 9100'. Cemented 5-1/2", J-55, 15.5#/ft and 17#/ft 8rd ST & C new casing at 9099' with 429 exs Incoor 40% Diacel followed by 250 exs Incoor neat. Plug down 5:00 P.M. 9-30-61. After WOC 8 hours, cut off csg and nipped up tubing spool. Top cement by temperature survey was 1185'. After waiting on cement total of 18 hours, pressure tested 5-1/2" csg to 1500 psi for 30 minutes. OK. Rig released 5:00 P.M. 10-1-61. Perforated intervals 8920-41, 8945-60, and 8972-98 w/2 jets per ft. Swabbed salt water. Ran cement bond log.

Perforated 9014-9016 w/h jets per/ft. After setting ext. retainer @ 9006'; squeezed perforations 9014-9016' w/10 ex. reg. and 1# Halide #9 at 35.0 to 4200 psi. After WOC, swabbed salt water. Set bridge plug @ 8666'. Ran tbg w/packer and set @ 8435'. Acidized perfs 8920' to 8960' with 6000 gals 15% H CL. Flushed w/45 B.O. Swabbed to flow. All now flowing on 20/64 choke @ 400 psi.

Witnessed by E. C. Sessions	Position Engineer	Company Standard Oil Company of Texas, A Division of California Oil Co.
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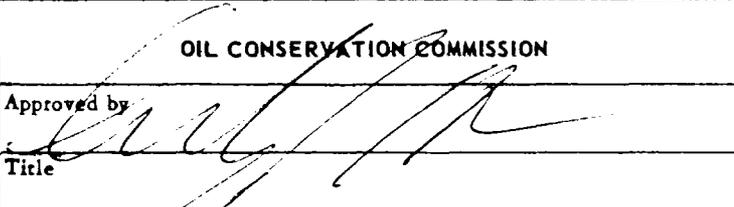
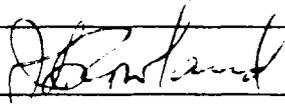
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ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name J. L. Rowland		
Title	Position District Engineer		
Date	Company Standard Oil Company of Texas, A Division of California Oil Company		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company STANDARD OIL COMPANY OF TEXAS, A Division of California Oil Company		Address Drawer "S", Monahans, Texas				
Lease State 6-34	Well No. 9	Unit Letter J	Section 34	Township 17 South	Range 35 East	
Date Work Performed See Below	Pool Vacuum (Abc)	County Lee				

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

UAC A30 10-09

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled 7-7/8" hole to total depth of 9100'. Ran and cemented 5 1/2", J-55 - 15.5# and 17# / ft, 8nd, ST & G new casing at 9099' with 429 sxs Incor 40% diesel followed by 250 sxs Incor neat. Plug down 12:30 P.M. 10-26-61. Top cement by temperature survey was 570° after waiting on cement 8 hours, cut off casing and nipped up B.O.P. After work for total 18 hours, pressure tested 5 1/2" casing w/1500 psi for 30 minutes. OK. Rig released 1:30 P.M. 10-27-61. Perforated 8882-8940 with 2 jets per foot. Well now flowing on 12/64" choke @ 675 psi.

Witnessed by E. C. Sessions	Position Engineer	Company Standard Oil Co. of Texas, A Division of California Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>[Signature]</i>	Name J. L. Rowland		
Title	Position District Engineer		
Date	Company Standard Oil Company of Texas, A Division of California Oil Company		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Shell Oil Company		Address Box 1450 Roswell, New Mexico			
Lease State "P"	Well No. 6	Unit Letter P	Section 32	Township 17 N	Range 35 E
Date Work Performed March 21 thru 27, 1961	Pool Vacant	County Lin			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Casing Test and Cement Job
- Other (Explain):
- Plugging
- Remedial Work

JAC AB0 11-06

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran 9078' of 5 1/2" (17 1/2, N-80 and 15 1/2, J-55, OF&I and Pittsburg, CR, RS&B, with L&T&S) casing and cemented to 9079' with 325 sms Incon with 40 Lincoln "D" and 1/2 cu.ft. of atrata-crete 6 per sack, plus 240 sms 4 1/2 Gal Incon. Dumped plug with 2300 psi at 7:05 a.m. (M.T), March 22, 1961. After 400 50 hours tested casing with 1500 psi for 30 minutes - no pressure drop. Calculated cement top @ 2500', based on hole caliber and cement volume.

copy to State Land office 4-10-61. jps

Witnessed by	Position	Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA				
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by		Name	R. L. Elkins ORIGINAL SIGNED BY R. L. ELKINS
Title		Position	Division Mechanical Engineer
Date		Company	Shell Oil Company

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **A Division of California Oil Co.** Address **Drawer "B", Monahans, Texas**
Standard Oil Company of Texas

Lease **Vacuum Edge Unit** Well No. **5** Unit Letter **H** Section **5** Township **188** Range **35E**

Date Work Performed **3-12-61** Pool **Vacuum (Abo)** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work **VAC A BO 13-05**

Detailed account of work done, nature and quantity of materials used, and results obtained.
Ran and cemented 5 1/2" 15.5#-17#, J-55, new casing in 7 7/8" hole @ 9100' with 375 SXS 40% diacel-incor with 1/10% LWL and 3% diacel A and 200 SXS incor neat. Good returns WOC @ 9:15 PM, 3-11-61 Ran Temperature survey and found top of cement @ 3265'. Tested 5 1/2" to 1500 PSI O.K.

Witnessed by **Wayne Munson** Position **Engineer** Company **A Division of California Oil Co. Standard Oil Company of Texas**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge **C. F. Dwyer**

Approved by **C. F. DWYER** Name **C. F. DWYER**
Title **District Engineer** Position
Date Company **A Division of California Oil Company Standard Oil Company of Texas**

7

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103 (Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Standard Oil Company of Texas, A Division of California Oil Company** Address **Drawer "B", Monahans, Texas**

Lease **Vac Rigs Unit** Well No. **6** Unit Letter **A** Section **4** Township **18S** Range **35E**

Date Work Performed **4-8-61** Pool **Vacuna (Abo)** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Casing Test and Cement Job
- Other (Explain):
- Plugging
- Remedial Work

VAC A30 13-06

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled to TD of 9150. Cmtd 7100' of 5 1/2", 15.5#, J-55, ST & C new csg & 2044' of 5 1/2", 17#, J-55, ST & C new csg at 9144 w/328 axs 40% Diacel-Incor with 0.4% LML & 3% Diacel A and 160 axs Incor neat. Full returns while cmtg. WOC at 5:15 p.m., 4-8-61. After 10 hrs. ran temp survey fd top cmt at 3290. After WOC 24 hrs. tested csg w/1500 psi-OK. Ran 2 3/8, BUE, J-55 tbg & displaced hole with oil, set pkr at 8877 w/btm tbg at 8887. Rig released 8:00 p.m., 4-10-61

Witnessed by **R. E. Rigby** Position **Engineer** Company **Standard Oil Company of Texas A Division of California Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. TD P BTD Producing Interval Completion Date

Tubing Diameter Tubing Depth Oil String Diameter Oil String Depth

Perforated Interval(s)

Open Hole Interval Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by *[Signature]* Name **C. F. DWYER** *C. F. Dwyer*
 Title **District Engineer**
 Date Company **Standard Oil Company of Texas**

(F)

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NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

FORM C-103
(Rev 3-55)

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

Name of Company **Standard Oil Co. of Texas,
A Division of California Oil Company** Address **Drewer "B", Monahans, Texas**

Lease **Vac Edge Unit** Well No. **7** Unit Letter **G** Section **85** Township **18S** Range **35E**

Date Work Performed **4-11-61** Pool **Vacuum (Abo)** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work

VAC ABO 13-07

Detailed account of work done, nature and quantity of materials used, and results obtained.
Drilled to TD 8975. Cmtd 7100' of 5/8", 15.5#, J-55, ST & C new csg & 1871' of 5/8", 17#, J-55, ST & C, new csg at 8971 w/309 sxs 40% Diacol-Incor w/.44 LHM & 3% Diacol A, and 220 sxs Incorpor seat. Full returns while outg. WOC at 10:30 a.m., 4-11-61. After WOC 10 hrs. ran temp survey & fd top out at 3212. After WOC 24 hrs, tested csg w/1500 psi-OK. Ran tbg & displaced hole w/oil. Rig released at 1:00 p.m., 4-12-61.

Witnessed by **R. E. Rigby** Position **Engineer** Company **Standard Oil Company of Texas
A Division of California Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by *[Signature]* Name **C. F. DWYER** *C. F. Dwyer*
Title **District Engineer**
Date _____ Company **Standard Oil Company of Texas**

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FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Standard Oil Company of Texas** Address **1961 JUN 7 AM 8:27**
A Division of California Oil Company **Drawer 8, Monahans, Texas**

Lease **Van Edge Unit** Well No. **8** Unit Letter **D** Section **4** Township **18S** Range **3E**

Date Work Performed **5-24-61** Pool **Vacuum (Abo)** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work

VAC ABO 13-8

Detailed account of work done, nature and quantity of materials used, and results obtained.

Run and landed 5 1/2" 15.5# & 17# J-55 new casing at 8911' in 7 7/8" hole. Cemented w/640
 gms w/additives. Good returns WOC 7:45 a.m. 5-24-61 WOC 6 hours. Run temperature
 survey & found out top at 3242'. Tested cag to 1500 psi O.K. Run & landed 2 3/8" tbg
 at 8674'. Now prep to perf & run potential test.

Note: 5 1/2" casing cemented with 300 sx. Incor containing 40% Diacel "D" followed
 by 250 sx. Incorpor nest.

Witnessed by **R. E. Rigby** Position **Engineer** Company **Standard Oil Co. of Texas**
A Division of California Co.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by **Leslie A. Clements** Name **J. L. Rowland**
 Title **District Engineer** Position **District Engineer**
 Date _____ Company **Standard Oil Company of Texas**
A Division of California Oil Company

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FORM C-103
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MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

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

Name of Company **Standard Oil Company of Texas** Address **Drawer 8, Moorhous, Texas**
A Division of California Oil Company 1961 JUN 7 AM 8:28

Lease **Vac Edge Unit** Well No. **9** Unit Letter **D** Section **3** Township **18E** Range **35E**

Date Work Performed **5-24-61** Pool **Vacuum (Abo)** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work

VACUUM ABO B-9

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran & landed 5 1/2" 15.5# & 17# J-55 new casing in 7 7/8" hole at 9139' cemented w/640 szx plus additives. Good returns WOC 9:30 a.m. 5-24-61. WOC 6 hours. Ran temp. survey & found out top at 3300' tested 5/8" casing to 1500 psi O.K. Ran & landed 2 3/8" tbg at 8902'. Perforated 5/8" casg 9010'-34' & 9048'-85' w/2 jets/foot. Ran pot test 6-1-61 flowed 248 BW & 281 BW 24 hours 48/64 choks 200 psi TP GCR 875.

Note: 5 1/2" casing cemented with 390 sz. Incer containing 40% Diesel "D" followed by 250 sz. Incer nest.

Witnessed by **R. E. Rigby** Position **Engineer** Company **Standard Oil Company of Texas, A Division of California Oil Co.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by **Lester A. Clements** Name **J. L. Rowland**
Title _____ Position **District Engineer**
Date _____ Company **Standard Oil Company of Texas, A Division of California Oil Company**

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MISCELLANEOUS REPORTS ON WELLS

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

HOOPER'S OFFICE OCC
1061 AM
JUN 5 8:29

Name of Company **Standard Oil Company of Texas, A Division of California Oil Company** Address **Drewes #3, Monahans, Texas**

Lease **Van Edge Unit** Well No. **10** Unit Letter **J** Section **5** Township **18S** Range **35E**

Date Work Performed **May 20, 1961** Pool **Vacuum** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain): **VAC A B O 13-10**

Plugging Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled a 7-7/8" hole to 8956' TD and cemented 7100' of 3-1/2", 15.2, J-55, new casing and 1056' of 5-1/2", 17, J-5, S&C, new casing at 9956' with 390 sacks incor 40% diesel "D" followed by 250 sacks incor neat cement on 5-19-61. Had full returns while cementing and after 6 hours found top of cement at 1250' with a temperature survey. After 24 hours tested casing with 1500 P.I for 30 minutes. OK.

Witnessed by **L. H. Stubby** Position **Eng. Insp.** Company **Standard Oil Company of Texas, A Division of California Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	TD	PPTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by **[Signature]** Name **J. L. Howland**

Title **District Engineer** Position **District Engineer**

Date **[Blank]** Company **Standard Oil Company of Texas, A Division of California Oil Company**

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Standard Oil Company of Texas**
A Division of California Oil Company Address **1961 JUN 27 AM 8:45**
Drewer 8, Monahans, Texas

Lease **Vac Edge Unit** Well No. **11** Unit Letter **F** Section **4** Township **10S** Range **35E**

Date Work Performed **See Below** Pool **Vacuum (Abo)** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work

VAC ABO 13-11

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drld. 7 7/8" hole to 9100'. Cnt'd. 5 1/2", 15.5" & 17 1/2", J-55 STAC, new casing at 9100' with 429 cu 40% Discol "B" cnt. followed by 250 cu. Inccr neat on 6-19-61. After 8 hrs. WOC, cut cog and nipped up the spool. Found top cement at 1540' by temperature survey. After a total 18 hrs. WOC, tested 5 1/2" casing with 1500 psi for 30 minutes OK. Rig released 6-20-61.

Witnessed by **R. E. Rigby** Position **Engineer** Company **Standard Oil Co. of Texas, A Division of California Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by **Leslie A. Clements** Name **J. L. Rowland**
 Title **C** Position **District Engineer**
 Date _____ Company **Standard Oil Company of Texas A Division of California Oil Company**

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS 000

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

Name of Company **Standard Oil Company of Texas** Address **1991 JCL 7 N 8 14**
A Division of California Oil Company **Brewer 8, Monahan, Texas**

Lease **Van Edge Unit** Well No. **12** Unit Letter **6** Section **4** Township **10S** Range **12E**

Date Work Performed **See Below** Pool **Vacuum (Abo)** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work

VAC ABO 13-12

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drill 7 7/8" hole to total depth of 9100' on 6/27/61. Cntd 5 1/2", 15.50 & 17 1/2", J-55, STAC, new casing @ 9100' with 429 sks 40% Diesel "D" cut followed by 250 sz. liner next on 6/28/61. After waiting on cement 8 hrs, cut cog off and rigged up tubing spool. Ran temperature survey and located top of cut @ 3000'. After waiting on cement total 18 hrs. pressure tested 5 1/2" casing with 1500 psi for 30 min. Rig released 2:30 am. 6/30/61.

Witnessed by **A. E. Rigby** Position **Engineer** Company **Standard Oil Co. of Texas**
A Division of California Oil Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	PRTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by *Leslie A. Clements* Name **J. L. Rowland** *J. Rowland*
Title Position **District Engineer**
Date Company **Standard Oil Company of Texas**
A Division of California Oil Company

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company **Standard Oil Company of Texas** Address **Drewer 8, Murchans, Texas**
 A Division of California Oil Company

Lease **Vac Edge Unit** Well No. **13** Unit Letter **I** Section **5** Township **18S** Range **35E**

Date Work Performed **See Below** Pool **Vacuum (Abo)** County **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
 Plugging Remedial Work

VAC ABC 13-13

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drill. 7 7/8" hole to 9100'. Cut'd. 5 1/2", 15.5" & 17", J-55 SMC, new casing at 9099' with 429 sq. 40% Discol "B" cut. followed by 250 sq. Inscr next on 6-18-61. After 8 hrs. WOC, cut eeg. and stripped up thg. spool. Found top cement at 3200' by temperature survey. After a total 18 hrs. WOC, tested 5 1/2" casing with 1500 psi for 30 minutes OK. Rig released 6-19-61.

Witnessed by **R. E. Rigby** Position **Engineer** Company **Standard Oil Company of Texas**
A Division of California Oil Company

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ORIGINAL WELL DATA

D F Elev. TD PRTN Producing Interval Completion Date

Tubing Diameter Tubing Depth Oil String Diameter Oil String Depth

Perforated Interval(s)

Open Hole Interval Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by **Leslie A. Clements** Name **J. E. Novland**
 Title **District Engineer** Position **District Engineer**
 Date Company **Standard Oil Company of Texas**
A Division of California Oil Company

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FORM C-103
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MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Standard Oil Company of Texas A Division of California Oil Company		Address Drewer 2, Monahans, Texas	
Lease The Edge Unit	Well No. 16	Unit Letter A	Section 5
		Township 28N	Range 32E
Date Work Performed See Below	Pool Venus (Abo)	County Lee	

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

JACHBO 15-6

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled 7-7/8" hole to total depth of 9100'. Cemented 5 1/2", 15.94 & 17 1/2" ft., 2-55, SMC new casing at 9100' with 429 cu 40% Discol "B" cement followed by 250 cu. Inner seal out. on 8-2-61. After waiting on cement 8 hrs, cut off casing and rigged up the spool. Found top of cement at 8790' by temperature survey. After waiting on cement total 18 hrs, pressure tested 5 1/2" cas w/1500 psi for 30 minutes OK. Rig released 8-3-61.

Witnessed by E. G. Sessions	Position Engineer	Company Standard Oil Company of Texas A Division of California Oil Company
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ORIGINAL WELL DATA

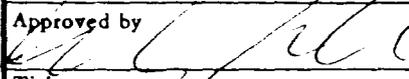
D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by 	Name J. L. Rowland
Title	Position District Engineer
Date	Company Standard Oil Company of Texas A Division of California Oil Company

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Standard Oil Company of Texas A Division of California Oil Company		Address Box 8, Monahans, Texas			
Lease Two Edge Unit	Well No. 18	Unit Letter K	Section 4	Township 18S	Range 35E
Date Work Performed See Below	Pool Vacuum (Abo)	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VACUUM ABO 13-19

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled 7 7/8" hole to total depth of 9100'. Cemented 3 1/2", 15.5" & 17 1/2" ft., J-55, STC new casing at 9099' with 429 sq 40% Biscel "B" cement followed by 250 sq. Incon Best cement. Plug down at 8:30 p.m. 9-6-61. After waiting on cement 8 hours, cut off casing and nipped up the spool. Top of cement at 9250' by temperature survey. After waiting on cement total 18 hours, pressure tested 3 1/2" csg with 1500 psi for 30 mins. OK. Rig released 9-7-61.

Witnessed by E. C. Sessions	Position Engineer	Company Standard Oil Co. of Texas A Div. of California Oil Company
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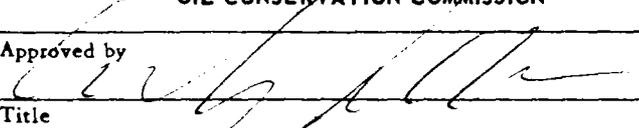
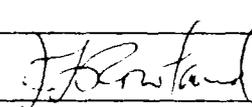
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ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name J. L. Rowland		
Title	Position District Engineer		
Date	Company Standard Oil Company of Texas, A Division of California Oil Company		

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 MISCELLANEOUS REPORTS ON WELLS

FORM C-103
 (Rev 3-55)

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

Name of Company Shell Oil Company		Address Box 1858 Roswell, New Mexico			
Lease State VCA	Well No. 3	Unit Letter H	Section 5	Township 18	Range 35
Date Work Performed 9-12 thru 16-61	Pool Vacuno-150	County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

VACABO 14-03

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran 9095' of 4 1/2" (9.5 & 11.6#, J-55) casing and cemented to 9107' with 250 units BYS-400 plus 200 sacks Incore plus 4% Gel. Bumped plug with 2000 psi @ 4:35 a.m. (MST), September 13, 1961. After 36 hours, tested casing with 3000 psi for 30 minutes - no pressure drop.

Copy to State Land Office - Sept 25, 1961 - JPB

Witnessed by <i>[Signature]</i>	Position <i>[Signature]</i>	Company <i>[Signature]</i>
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ORIGINAL WELL DATA

DF Elev.	TD	PBTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>[Signature]</i>	Name W. A. Harthorn	ORIGINAL SIGNED BY W. A. HARTHORN	
Title	Position Division Mechanical Engineer		
Date	Company Shell Oil Company		