

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 11.2.

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	9058.23'

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:

(long string)		(setting depth)
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 RHL 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	8723.40	8723.40

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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)

Name of Company Socony Mobil Oil Company, Inc.				Address Box 2406, Hobbs, New Mexico			
Lease State "P"	Well No. 5	Unit Letter A	Section 26	Township 17S	Range 35E		
Date Work Performed 9/10 thru 9/13/62	Pool Indesignated			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 D 4-05

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

Set 1960' of 14", 2534' of 15.5" & 1172' of 17" J-55 5 1/2" liner & 9100'. Top of liner at 3434'. Cemented w/640 sx Trinity Inferno lite water cement plus 50 sx Trinity Inferno neat cement. Plug down @ 11 PM 9/10/62. WOC 5 hrs. Drilled cement 8853 to 8939'. WOC 48 hrs. Tested 5 1/2" liner w/3000 for 30 mins. Tested OK.

Witnessed by Earl D. Hughes	Position Drilling Foreman	Company Socony Mobil Oil Company, Inc.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

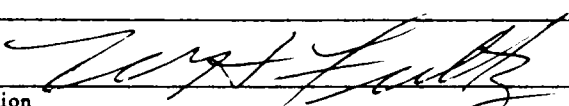
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

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 
Title	Position Senior Clerk
Date	Company Socony Mobil Oil Company, Inc.

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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 2 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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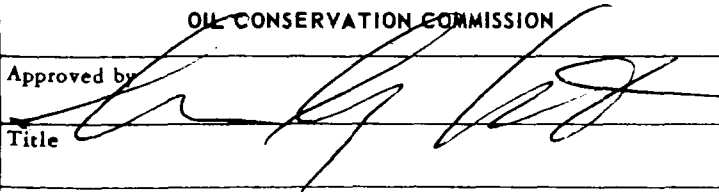
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ORIGINAL WELL DATA

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. Robertson		
Title District Chief Clerk	Position District Chief Clerk		
Date	Company Phillips Petroleum Company		

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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

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):☐ Plugging☐ Remedial Work

VAC ABO 6-59

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. Sumnerwell

Position

Lease Foreman

Company

Phillips Petroleum

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

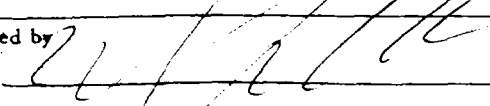
Producing Formation(s)

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						

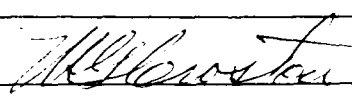
OIL CONSERVATION COMMISSION

Signed by



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

Name



Position

District Chief Clerk

Company

Phillips Petroleum Company

9-18-61

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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. 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 Slosset. 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. Summwell	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	<i>W. J. Harrison</i>
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. 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. Sumarwell	Position Lease Foreman	Company Phillips Petroleum Company
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ORIGINAL WELL DATA

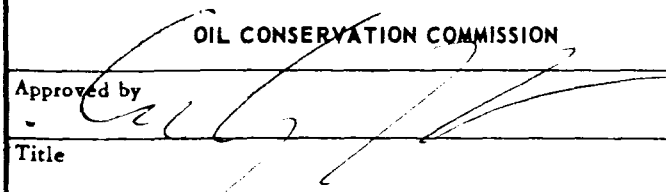
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	

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. E. Croston		
Title	Position District Chief Clerk		
Date	Company Phillips Petroleum Company		

12-12-61

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NEW MEXICO OIL CONSERVATION COMMISSION

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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 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 Incon 40% DD (1450 cu. ft.) followed by 200 sacks Sisset 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.
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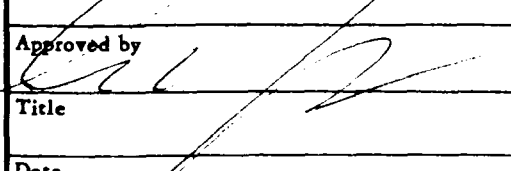
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ORIGINAL WELL DATA

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 W. H. Johnston		
Title	Position District Chief Clerk		
Date	Company Phillips Petroleum Company		

4-12-62

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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. 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 Incer 40% DD (1900 cu. ft.) followed by 200 sacks Slocet. 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 to —*

Witnessed by C. L. Summwell	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 <i>[Signature]</i>	Position District Chief Clerk		
Date	Company Phillips Petroleum Co.		

2-27-62

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(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. 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 AB0 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 Incon 40% DD (1840 cu. ft.) followed by 200 sacks Sisseton. Plug to 9103'. WOC 22 hours. Temperature survey top of cement at 1700'. Tested casing with 1500# for 30 minutes, no pressure loss.

Witnessed by C. L. Sumnerwell	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		Name <i>M. J. [Signature]</i>	
Title		Position District 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 at New Mexico 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 Incor 40% DD (1450 cu. ft.) followed by 200 sacks slosset. 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. Sumrwell	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 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	<i>W. J. Crockett</i>
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 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.

7-17-63

Ty. Cement 1 3950

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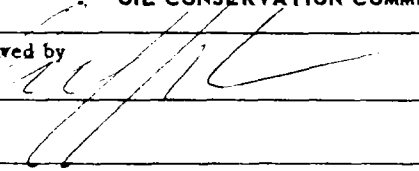
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ORIGINAL WELL DATA

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 W. G. Johnston		
Title	Position Area Chief Clerk		
Date	Company Phillips Petroleum Co.		

7-17-63

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

UAC ADO 6-69

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 400 sacks Incor 40% DD (1800 cu. ft.) followed with 200 sacks Sisseton. Plug to 9070'. WOC 22 hours. Tested casing with 2200# for 30 minutes, no pressure loss.

Top Casing Test

1962 JUN 14 AM 10

Witnessed by C. L. Summwell	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>	
Title		Position District 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 Co.		Address Box 2105 Hobbs, N. M.	
Lease Santa Fe	Well No. 70	Unit Letter G	Section 26
		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 Slosset. 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. 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 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 <i>[Signature]</i>	
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	

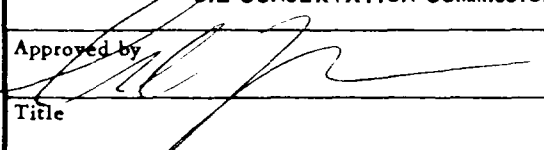
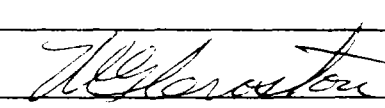
THIS IS A REPORT OF: (Check appropriate block)

- ☐ 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	
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
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 		
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. 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 Incoor, 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		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. 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 <i>[Signature]</i>		Name <i>[Signature]</i>	
Title <i>[Signature]</i>		Position Area Chief Clerk	
Date		Company Phillips Petroleum Co.	

5-9-63

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. (368 sk. Incoor 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. Summwell	Position Lease Foreman	Company Phillips Petroleum Co.
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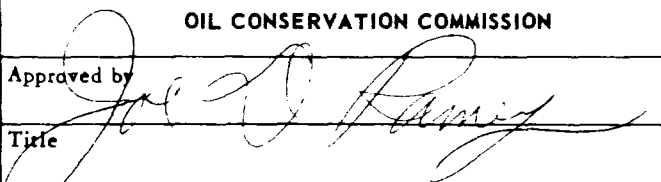
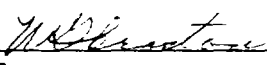
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

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 		Name 	
Title		Position Area Chief Clerk	
Date		Company Phillips Petroleum Company	

6-7-63

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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)						
<input type="checkbox"/> Beginning Drilling Operations						
<input checked="" type="checkbox"/> Casing Test and Cement Job						
<input type="checkbox"/> Other (Explain):						
<input type="checkbox"/> Plugging						
<input type="checkbox"/> Remedial Work						
VACUABO 6-85						
Detailed account of work done, nature and quantity of materials used, and results obtained.						
<p> 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) </p>						
Witnessed by C. L. Summwell		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		
Title				Position		
Date				Company		
				Area Chief Clerk		
				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, Santa Fe, N.M.)

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 O 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 sz cement (450 sz lt. wt. + 100 sz 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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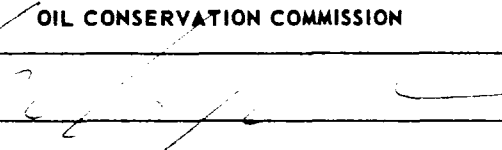
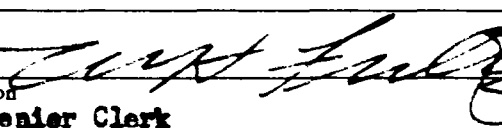
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ORIGINAL WELL DATA

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 		
Title	Position Senior Clerk		
Date	Company Socony Mobil Oil Company, Inc.		

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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 Lee			

THIS IS A REPORT OF: (Check appropriate block)

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

UAC 1230 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 "B" cement followed by 250 ex. Incore near 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 12 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	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 "B", 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", 3-55, 15.5#/ft and 17#/ft 8rd ST & C new casing at 9099' with 429 exs Incon 40% Diacel followed by 250 exs Incon 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 3185'. 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/4 jets per ft. After setting ext. retainer at 9006', squeezed perforations 9014-9016' w/10 ex. reg. and 1# Hallide #9 at 35.0 to 4200 psi. After WOC, swabbed salt water. Set bridge plug at 9066'. Ran tbg w/packer and set at 8435'. Acidized perfs 8920' to 8960' with 6000 gals 15% HCL. Flushed w/45 B.O. Swabbed to flow. All now flowing on 20/64 choke at 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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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

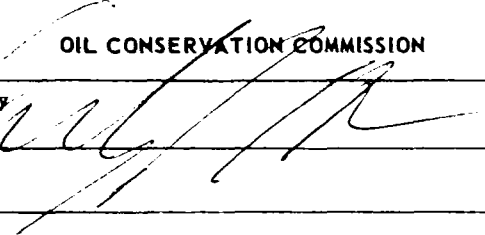
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

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 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 "B", 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 (Abo)			County Lee		

THIS IS A REPORT OF: (Check appropriate block)

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

JAL 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 1/2' ft, 8nd, ST & G new casing at 9099' with 429 sx Incon 40% diesel followed by 250 sx Incon 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 water 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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ORIGINAL WELL DATA

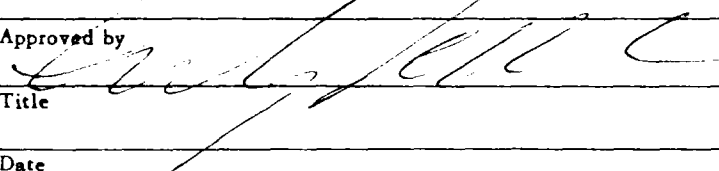
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

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 Shell (Oil Company)		Address Box 1450 Hobbs, New Mexico	
Lease State "B"	Well No. 6	Unit Letter P	Section Township Range 32 17 35
Date Work Performed March 21 thru 27, 1961	Pool Vacant	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

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

JAL AB0 11-06

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

Ran 9078' of 5" (17, N-80 and 15, J-55, OFAI and Pittsburg, GR, RS-12, with L-1740) casing and cemented 1 9079' with 325 sms liner with 40 Lincoln "5" and 1/2 cu.ft. of atrata-crete 6 per sack, plus 240 sms 4, Gal liner. Dumped plug with 2300 psi 7:05 a.m. (Sat), 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 caliper and cement volume.

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

Witnessed by	Position	Company
--------------	----------	---------

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

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	
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

UAC A 30 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
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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 C. F. Dwyer	
Title		Position District Engineer	
Date		Company A Division of California Oil Company Standard Oil Company of Texas	

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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 Edge 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 5½", 15.5#, J-55, ST & C new csg & 2044' of 5½", 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. Riggsby	Position Engineer	Company Standard Oil Company 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 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	C. F. DWYER
Title		Position	District Engineer
Date		Company	Standard Oil Company of Texas

(F)

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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 Co. of Texas, A Division of California Oil Company		Address Drawer "B", Mesquite, Texas				
Lease Vac Edge Unit	Well No. 7	Unit Letter G	Section 25	Township 18S	Range 35E	
Date Work Performed 4-11-61	Pool Vacuum (Abo)			County Leon		

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. Cmta 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 sbs 40% Diacel-Incor w/.4% LHM & 3% Diacel A, and 220 sbs Incorpor. Full returns while cmtg. WOC at 10:30 a.m., 4-11-61. After WOC 10 hrs. ran temp survey & fd top cmt at 3212. After WOC 24 hrs, tested csg w/1500 psi-OK. Ran thg & 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
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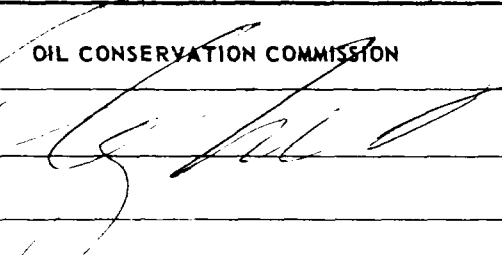

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

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 C. F. DWYER	
Title		Position District Engineer	
Date		Company Standard Oil Company of Texas	

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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 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 18N	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 13-8

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

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

Note: 5 1/2" casing cemented with 390 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.
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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 Leslie 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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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

(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 8, Monahans, Texas		Date 1961 JUN 7 AM 8:28	
Lease Vac Edge Unit	Well No. 9	Unit Letter D	Section 3	Township 18S	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 szs 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 1/2" casing to 1500 psi O.K. Ran & landed 2 3/8" tbg at 8902'. Perforated 5 1/2" 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 GOR 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.
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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 Leslie A. Clements	Name J. L. Rowland	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 G-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

HOOBBS OFFICE OCC
1061 AM
JUN 5 8:29

Name of Company Standard Oil Company of Texas, A Division of California Oil Company		Address Drawer #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 Abs	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 13-10

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 5-1/2", 15.2, J-55, new casing and 1056' of 5-1/2", 17.2, J-55, SBC, new casing at 9956' with 390 sacks incor 40% diesel "B" 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 PSI for 30 minutes. OK.

Witnessed by L. B. Sigby	Position Eng. Insp	Company Standard Oil Company of Texas A Division of California Oil Company
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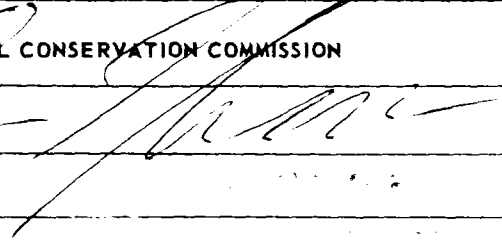
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	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 	Name J. L. Howland		
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 1961 JUN 27 AM 8:45 Drawer 8, Monahans, Texas	
Lease Vac Edge Unit	Well No. 11	Unit Letter F	Section 4
Date Work Performed See Below	Pool Vacuum (Abo)	Township 10N	Range 35E
		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.

Drilled 7 7/8" hole to 9100'. Cmt'd. 5 1/2", 15.54 & 17 1/2, J-55 STAC, new casing at 9100' with 429 on 40% Diesel "B" cmt. followed by 250 sz. Incon neat on 6-19-61. After 8 hrs. WOC, cut cog and nipped up the spool. Found top cement at 1240' 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
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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 Leslie A. Clements	Name J. L. Rowland
Title (Signature)	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 1991 S. 7th St. #14 Brewer 8, Monahan, Texas	
Lease Van Edge Unit	Well No. 12	Unit Letter 6	Section 4
Date Work Performed See Below	Pool Vacuum (Abo)	Township 10N	Range 12E
		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 13-12

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

Rrld 7 7/8" hole to total depth of 9100' on 6/27/61. Cntd 5 1/2", 15.54 & 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 nipped up taking 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
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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. 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 Drewer 8, Moorhans, Texas	
Lease Vas Edge Unit	Well No. 13	Unit Letter I	Section 5
		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

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 1/2", 3-55 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 nipped up thg. spool. Found top cement at 3800' 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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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	PSTN	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 M. Clements	Name J. E. Nowland	J. E. Nowland	
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 Drawer 2, Monahans, Texas			
Lease The Edge Unit		Well No. 16	Unit Letter A	Section 5	Township 18N	Range 30E	
Date Work Performed See Below		Pool Vacuum (Also)			County Lee		

THIS IS A REPORT OF: (Check appropriate block)

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

JAC H30 15.16

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., 3-75, STAC
new casing at 9100' with 429 cu 40% Discol "B" cement followed by 250 cu. Inner seal out.
on 8-3-61. 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 16
hrs, pressure tested 5 1/2" cas w/1500 psi for 30 minutes OK. Rig released 8-3-61.

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

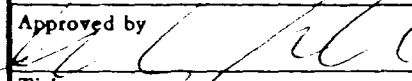
D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

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		Address Box 8, Monahans, Texas	
A Division of California Oil Company			
Lease Was Edge Unit	Well No. 18	Unit Letter K	Section 4
			Township 18N
			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, STAC new casing at 9099' with 429 sq 40% Biscel "B" cement followed by 250 sq. Incon Heat 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" cas 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

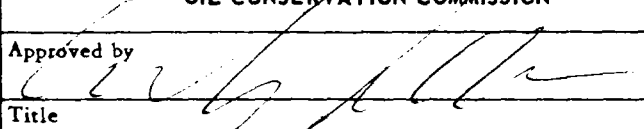
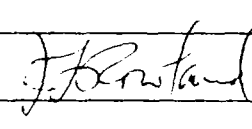
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

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 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 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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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 W. A. Harthorn	ORIGINAL SIGNED BY W. A. HARTHORN	
Title	Position Division Mechanical Engineer		
Date	Company Shell Oil Company		