

AP-20

Santa Fe Energy

Warrior #1-34

ARTIFICIAL PENETRATION (AP) SCHEMATIC

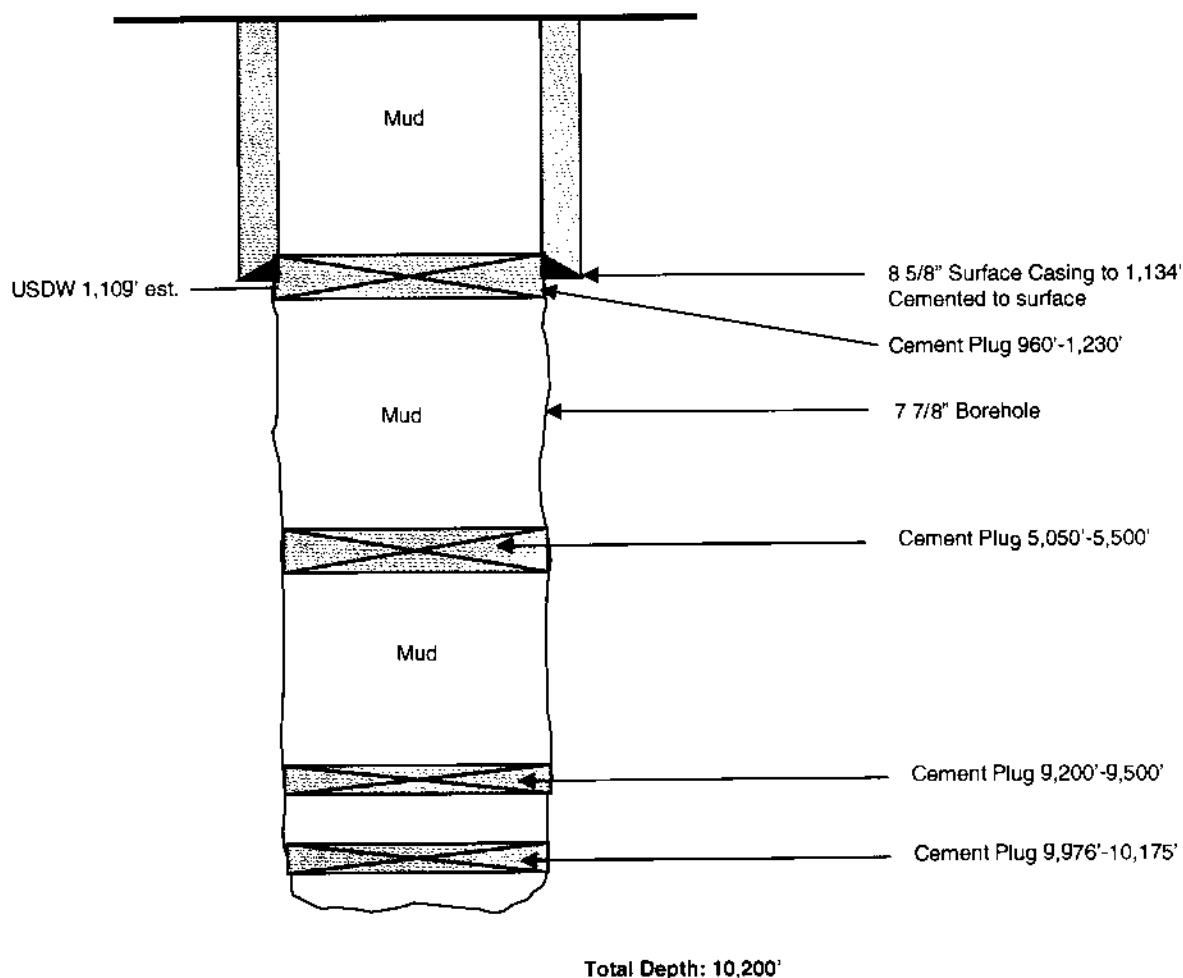
Plant: OG&E
Map ID #: AP-20
Orig. Operator: Santa Fe Energy
Curr. Operator: --
Lease / Well #: Warrior #1-34
Location: Sec. 34-10N-4W
TD: 10,200 ft.
Date Drilled: 12/1987
Drilling Method: Rotary

API: 087-21402

Status: D & A
Date Plugged: 1/31/1988
Distance to WDW-1: 10,465 ft.

Map I.D. #: AP-20

Drawing not to scale



10A. O.C. Oper. No.
15633

1. API Number
087-21402

2. OTC Prod. Unit No.

This form is an Original ☒ Amended ☐

To be filed within 30 days after drilling is completed
OKLAHOMA CORPORATION COMMISSION

OIL AND GAS CONSERVATION DIVISION

Jim Thorpe Building / Oklahoma City, Oklahoma 73105-4993

PLEASE TYPE OR USE BLACK INK ONLY

3. County McClain Sect. 34 Twp 10N Range 4W

4. Lease Name Warrior 5. Well No. 1-34

7. Well Located NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE

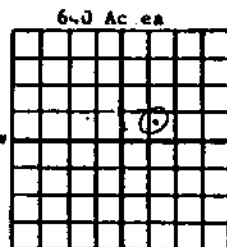
8. 460 Ft. From S.L. of $\frac{1}{4}$ Sect. and 960 Ft. From W.L. of $\frac{1}{4}$ Sect.

9. Elevation: Derrick Floor 1260' Ground 1244

10. COMPANY OPERATING Santa Fe Energy Operating Partners, L.P.
Address One West Third St., Suite 500
City Tulsa State OK Zip 74103

11. Drilling Started 12/14, 1988 Drilling Finished 1/31, 1988

12. Well Completed , 19 Date-First Prod. , 19



6. Locate Well
And Outline Lease

13. TYPE COMPLETION

Single Zone

Multiple Zone Order No.

Commingled Order No.

LOCATION EXCEPTION Order No. Penalty 14.

INCREASED DENSITY Order No.

15. OIL OR GAS ZONES

Name	From	To	Name	From	To
None					

16. CASING & CEMENT

Surf. & Prod. Casing Set					Csg. Test	Cement		
Type	Size	Weight	Grade	Feet	PSI	Sas	Fillup	Top
Conductor								
Surface	8-5/8"	32#	K-55	1134'		600	circ surf	
Intermediate								
Production								
Liner								

18. PACKERS SET

Depth Type

17. TOTAL DEPTH 10200'

(Over)

Why?

19. COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
SPACING & SPACING ORDER NUMBER	640 acres 202836	40 acres 27949	Stand up 308364
CLASSIFICATION (Oil, Gas, Dry, Inf. Well)	Dry	001	504
PERFORATED		*	
INTERVALS			
ACID/VOLUME			
FRACTURE TREATED?			
Fluids Amounts			
INITIAL TEST DATA:			
Date			
Oil-bbl/day			
Dil-Gravity (*API)			
Gas-MCF/day			
Gas-Oil Ratio Cu. Ft/bbl			
Water-bbl/day			
Pumping or Flowing			
Initial Shut-In Pressure			
CHOKE SIZE			
FLOW TUBING PRESSURE			

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Oklahoma Corp. Commission

JUL 29 1988

District III
Duncan

A record of the formations drilled through, and pertinent remarks are presented on the reverse.

I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct and complete to the best of my knowledge and belief.

Signature

District Prod. Engineer
Title

One West 3rd St., Ste. 500, Tulsa, OK 74103
Address City State Zip

July 27, 1988
Date

582-6944
Phone

22. LEASE NAME WARRIOR23. WELL NO. 1-34

PLEASE TYPE OR USE BLACK INK ONLY

(RULE 3-205) FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

24. NAMES OF FORMATIONS	TOP	BOTTOM	FOR COMMISSION USE ONLY
Bartlesville	8272'		<p>Well Completion Report Checklist</p> <p>APPROVE <u>[Signature]</u> DISAPPROVE <u>[Signature]</u></p> <p>1) ITD Section a) No intent to drill on file (1) Send warning letter <input checked="" type="checkbox"/> (2) Recommended for contempt <input checked="" type="checkbox"/></p> <p>2) Authorized Surety a) No Surety filed b) Expired Surety</p> <p>Financial Statement/Letter of Credit/Bond</p> <p>3) Spacing and Pad Size</p> <p>4) Well Spudded prior to approval</p> <p>5) Insufficient surface casing required <u> </u> set</p> <p>6) No test data</p> <p>7) Change of location</p> <p>8) Well location "off pattern" Spacing Order No. <u> </u> Size Unit/Pattern <u> </u> Formation(s) <u> </u></p> <p>9) No records found <input checked="" type="checkbox"/></p> <p>10) Other: <u>28, 30</u></p> <p>(Please specify appropriate number from initial rejection letter or other problem form)</p> <p>11) Status: <u> </u></p>
Woodford	8347'		
Hunton	8419'		
Sylvan	8773'		
Viola	8894'		
Second Wilcox	9298'		
Tulip Creek	9614'		
Oil Creek Shale	9894'		
Basal Oil Creek Sand	10042'		
TOTAL DEPTH			

Was an electrical survey run? X YES NO Date last log was run 1/27/88Was CO₂ encountered? X YES NO If so, at what depth(s) Was H₂S encountered? X YES NO If so, at what depth(s) 25. Direct Survey: True Vertical Depth: 10166' Horizontal Projections: 267.2 (N/S) 263.0 (E/W)27. Were unusual drilling circumstances encountered? Yes No X If yes, briefly explain: OKLAHOMA CORPORATION
COMMISSION

JAN 27 1988

Other Remarks

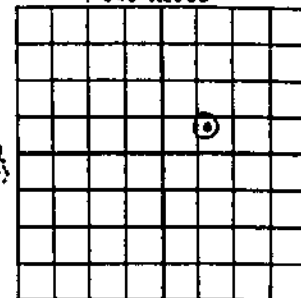
OIL & GAS CONSERVATION

CEMENTING REPORT
TO ACCOMPANY COMPLETION REPORT

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division

Jim Thorpe Bldg / Oklahoma City, Ok 73105-4993
(Rule 3-206)

640 Acres



Locate Well and Outline
Lease

API No. 087-21402

OTC/OCC Oper. No. 15633

004508



All operators must include this form when submitting the Completion Report, (Form No. 1002A). The signatures on this statement must be that of qualified employees of the cementing company and operator to demonstrate compliance with Rule 3-206. It may be advisable to take a copy of this form to location when cementing work is performed.

*1. Field Name Rawhide				*2. O.C.C. District 3	
*3. Operator Santa Fe Energy Operating Partners, L.P.				*4. County McClain	
*5. Lease Name WARRIOR				*6. Well Number 1-34	
*7. Location NW ¼ SE ¼ SW ¼ NE ¼		Section 34	Township 10N	Range 4W	
CEMENT CASING DATA:		CONDUCTOR CASING	SURFACE CASING	INTERMEDIATE CASING	PRODUCTION STRING
*8. Cementing Date			12-15-87		
*9. (a) Size of Drill Bit (inches)					
(b) Estimated % wash or hole enlargement used in calculations.					
*10. Size of Casing (inches O.D.)			8 5/8		
*11. Top of 1" or (if liner used) (ft.)					
*12. Setting Depth of Casing (ft.) from ground level			1134		
13. Type of Cement (API Class)			HSL		
(a) in first (lead) or only Slurry.			PREM T		
(b) In second Slurry					
(c) In third Slurry					
14. Sacks of cement used:			350		
(a) In first (lead) or only Slurry			250		
(b) In second Slurry					
(c) In third Slurry					
15. Vol of Slurry pumped: (Cu ft)(14" X 15")			122		
(a) In first (lead) or only Slurry			62		
(b) In second Slurry					
(c) In third Slurry					
16. Calculated Annular Height of Cement behind Pipe (ft)			1130		
17. Cement left in pipe (ft)			43'		
*18. Amount of Surface Casing Required (from Form 1000)		1100 ft.			
*19. Was cement circulated to Ground Surface? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		*20. Was Cement Staging Tool (DV Tool) Used? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
*21. Was Cement Bond Log run? (If so, ATTACH COPY). Yes		*22. If answer to 20. is yes, at what depth? _____ ft.			

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

-OVER-

*Designates items to be completed by Operator. Items not so designated shall be completed by the Cementing Co.

<p>26. Remarks:</p>	<p>*27. Remarks:</p> <p style="text-align: center; font-size: 1.2em;">684584</p>
<p style="text-align: center;"><u>CEMENTING COMPANY</u></p> <p>I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the cementing of casing in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing data only.</p> <p style="text-align: center;">  _____ Signature of Cementer or Authorized Representative </p> <p style="text-align: center;"> <u>Bruce Hoffman</u> _____ Name of person and Title (Type or Print) </p> <p style="text-align: center;"> <u>Halliburton</u> _____ Cementing Company </p> <p style="text-align: center;"> <u>Box 182727</u> _____ Street Address or P. O. Box </p> <p style="text-align: center;"> <u>OKC</u> <u>OK</u> <u>73148</u> City State Zip </p> <p style="text-align: center;"> Telephone <u>405</u> <u>6824655</u> Area Code <u>12-15-87</u> Date </p>	<p style="text-align: center;"><u>*OPERATOR</u></p> <p>I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well data and information presented herein.</p> <p style="text-align: center;">  _____ *Signature of Operator or Authorized Repres. </p> <p style="text-align: center;"> <u>Sammy N. Morgan, Sr. Drilling Engineer</u> _____ *Name of Person and Title (Type or Print) </p> <p style="text-align: center;"> <u>Santa Fe Energy Operating Partners, L.P.</u> _____ *Operator </p> <p style="text-align: center;"> <u>One West Third St., Suite 500</u> _____ *Street Address or P. O. Box </p> <p style="text-align: center;"> <u>Tulsa, OK 74103</u> _____ *City State Zip </p> <p style="text-align: center;"> Telephone <u>918</u> <u>582-6944</u> Area Code <u>5-6-88</u> Date </p>

INSTRUCTIONS

1. a) This form shall be filed by the operator, at the O.C.C. office in Oklahoma City, as an attachment to the Completion Report for a producing well or a dry hole.
- b) An original and one copy of this form shall be filed as an attachment to the Completion Report. (form 1002-A) for each cementing company used on a well.
- c) The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of O.C.C. Rule 3-206.
3. Set surface casing 50 feet below depth of treatable water to be protected and cement from casing shoe to ground surface or as allowed by Rule 3-206.
4. IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, BE SURE TO FOLLOW THE CORPORATION COMMISSION REGULATIONS.

**OKLAHOMA CORPORATION
COMMISSION**

MAY 02 1988

OIL & GAS CONSERVATION

LOCATE WELL ON GRID BELOW

RECORDING RECORD
(Rule 3-405)

Form 1003/1003L
(Rev. 1987)

2640'						
1980'						
1320'						
660'						
2640'						
1980'						
1320'						
660'						
0'						

OKLAHOMA CORPORATION COMMISSION
Oil Gas Conservation Division
Jim Thorpe Building
Oklahoma City, Oklahoma 73105

RECEIVED

Oklahoma Corp. Commission

TYPE OR USE BLACK INK
Instructions on back of form

JUL 29 1988

WDMS

Fill out completely and mail to District Office:

District I: (918) 367-3396
115 W. Sixth Street/P. O. Box 779
Bristow, Oklahoma 74010

District III: (405) 255-0103
15 Eik Blvd./P.O. Box 1525
Duncan, Oklahoma 73533

District II: (405) 375-5570
202 E. Miles
Kingfisher, Oklahoma 73750

District IV: (405) 332-3441
703 N. Broadway/P.O. Box 2389
Ada, Oklahoma 74820

The API number of the well is ESSENTIAL--if you do not know the API number, call OCC Well Records at (405) 521-2275 or Petroleum Information, Inc., at (405) 848-9824.

Lease Name WARRIOR	Well No. 1-34	County McLain	API Number 087-21402	Well TO: 10200'
Location NW/ SE /4SW /4 NE /4 Section Township Range 34 10N 4W				Well loc. from 1/4 sec. 960' NW 460' E
Name of Operator Santa Fe Energy Operating Partners, L.P.			OTC/OCC Operator No. 15633	-Record of pipe pulled-
Address One West Third St., Suite 500			Date Plugging Complete 1-31-88	Size put in (ft) pulled (ft)
City Tulsa	State OK	Zip 74103	Type of Well Dry	
Phone (A.C.) 918-582-6944			Treatable Water Depth	

Plug	Type of Plug CIBP, Cement, Packer etc	Size Hole or Pipe of Placement	Depth	If cement, Number of Sacks	Slurry Volume	Calculated TOC	Measured Top of Plug If Tagged
1	CEMENT	8 1/2"	10175'	60 SK	12 1/2 BBL	9986'	
2	"	8 1/2"	9500'	85 SK	17 1/2 BBL	9200'	
3	"	10"	5900'	200 SK	42 BBL	5050'	
4	"	8 1/2" 11"	1230'	100 SK	21 BBL	960'	
5							
6						02962	
7							

REMARKS:

Does the above conform strictly to the oil and gas regulations (3-404)? ☒ Yes ☐ No

CEMENTING COMPANY
I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.

Kevin Anderson

Signature of Cementer or Authorized Representative

KEVIN ANDERSON CEMENTER 1278

Name of Person and Title (Type or Print) Date

HALLIBURTON SERVICES

Company Permit Number

4607 S. McArthur 405 6824655

Street Address or P. O. Box Phone

OKLA City OKLA 73148

City State Zip

OPERATOR
I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

Sammy N. Morgan

Signature of Operator or Authorized Representative

Sammy N. Morgan, St. Orig. Eng. 5-6-88

Name of Person and Title (Type or Print) Date

Name of Field Inspector

Ray Martin

Signature of District Manager

Sheller

DISTRICT MANAGER'S
SIGNATURE
DISCLAIMER:

By signing this form, the District Manager has approved the contents thereof as to form only. Said District Manager does not warrant that the facts provided by the operator are true or that the above described operator has properly plugged the above-described well.

3

INSTRUCTIONS:

1. Form must be completely filled out and sent to district office within within 30 days after plugging is completed.
 Send original and one copy.
 Type or use black ink.
 API number of well is important and is used to match this record to the completion report.
2. Cementing Company and Operator shall comply with the applicable portions of O.C.C. Rules 3-404 and 3-405.
3. A. In specifying the type of plug use the following notation:
 CIBP - cast iron bridge plug.
 CEM - cement plug.
 CIBP + CEM - cast iron bridge plug and cement.
 Packer - packer.
 If other abbreviations are used, please define.
 B. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the District Manager or his representative, where unusual local conditions exist. (Rule 3-404 f and g).
 C. The minimum amount of cement normally used in each plug in the open hole shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
 D. A 30 feet cement plug is required to be placed near the top of the well. (Rule 3-404-g).
4. If you have questions concerning the completion of this form, call the appropriate District Office.

02962

For Commission Use only -- Do Not Write Below This Line

PLUGGING RECORD CHECKLIST

Approved	Rejected	
_____	_____	1. API Number Invalid
_____	_____	2. Legal Description Invalid for County
_____	_____	3. Operator Number Missing/Invalid
_____	_____	4. Well Location Invalid/Missing
_____	_____	5. Lease Name Missing
_____	_____	6. Well Number Missing
_____	_____	7. Plugging Date Invalid
_____	_____	8. Well Type Missing/Invalid
_____	_____	9. Well Total Depth Missing/Invalid
_____	_____	10. Record of Pipe Piled Incomplete
_____	_____	11. Well Location does not Match Well Plat
_____	_____	12. Sand or Zone Record not Complete
_____	_____	13. Producing Formation Information Incomplete
_____	_____	14. Treatable Water Depth Missing
_____	_____	15. Perforation Depths Missing
_____	_____	16. Information on Plug -- operator
_____	_____	17. Plugging Description Missing
_____	_____	18. Offset Lease Owners Missing
_____	_____	19. Last Production Information Missing
_____	_____	20. Plugging Contractors Name Missing
_____	_____	21. Sub-Surface Sketch not Complete
_____	_____	22. Information on Plug - Cementing Company
_____	_____	23. Other: _____

OIL & GAS CONSERVATION
COMMISSION

1988

OIL & GAS CONSERVATION

