

AP-19

Santa Fe Energy

Chief #1-34

ARTIFICIAL PENETRATION (AP) SCHEMATIC

Plant: OG&E
Map ID #: AP-19
Orig. Operator: Santa Fe Energy
Curr. Operator: --
Lease / Well #: Chief #1-34
Location: Sec. 34-10N-4W
TD: 10,500 ft.
Date Drilled: 12/1988
Drilling Method: Rotary

API: 087-21362

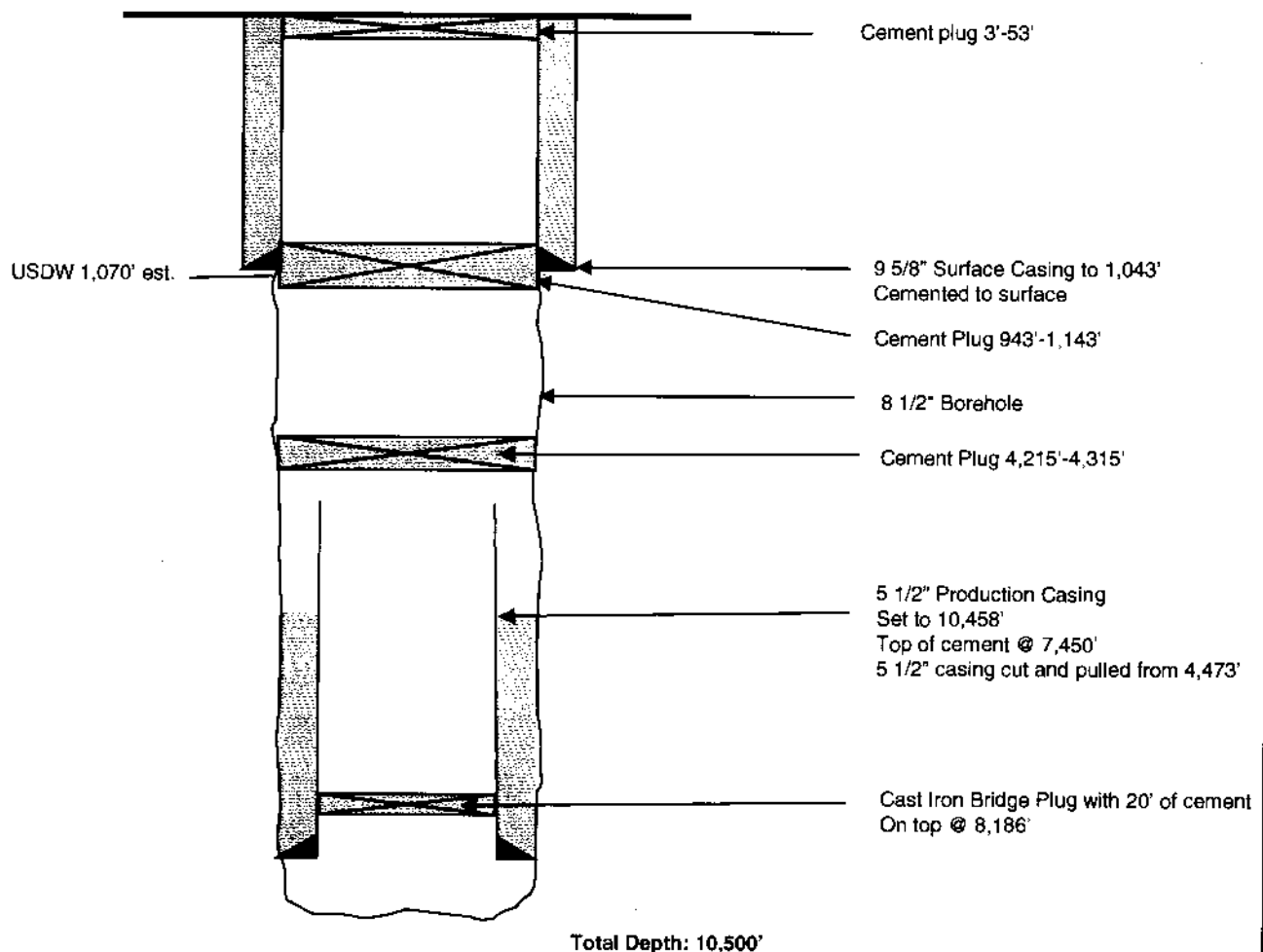
Status: P & A

Date Plugged: 1/9/1990

Distance to WDW-1: 9,501 ft.

Map I.D. #: AP-19

Drawing not to scale



1. DTC/OCC Operator Number
15633

Form No. 1000
(Rev. 1985)

PLEASE TYPE OR PRINT IN BLACK INK ONLY

O.C.C. Number
03057122

WALK THROUGH

2. API Number

08721362

INTENT TO DRILL APPLICATION
OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Jim Thorpe Building
Oklahoma City, Oklahoma 73105-4993
(Rule 3-204)

File Original Only

4. NOTICE OF INTENTION TO:

Drill ☒ Plug ☐ Deepen ☐ Back ☐ Amended ☐ Other ☐

5. WELL LOCATION: (If well is to be directionally drilled, put bottom hole location on reverse side.)

Section	Township	Range	County
34	10N	4W	McClain
Well Location		Feet from Quarter Section	
NW 1/4 NW 1/4 SW 1/4 NW 1/4	South Line 1306 West Line 100		
If unspaced - well will be 100 feet from the nearest lease line.			

6. Lease Name Chief Well No. 1-34

7. Name of Operator

Santa Fe Energy Operating Partners, L.P.

Address Phone (A.C./Number)
Wm Center Tower I, 1 W 3rd, Suite 500 (918) 582-6944
City State Zip
Tulsa OK 74103

8. WELL LOCATION SURFACE OWNER: (Must be completed.)

Name (If more than one, attach sheet)	Mack Levering		
Address	City	State	Zip
208 West Lomita Drive	Glendale	CA	91204
9. Target Formations and Depths (Limit to Ten)			
Red Fork @ 8170', Hunton Lime @ 8330', Viola @ 8715', Massive Bromide @ 9090', Tulip Creek @ 9395', Oil Creek @ 9810', Arbuckle @ 9870'.			

10. Total Depth <input checked="" type="checkbox"/> Plug Back Depth <input type="checkbox"/>	11. Ground Elev.	12. Date Oper. to Begin	13. Surf. Casing Depth <input checked="" type="checkbox"/> Stage Collar Depth <input type="checkbox"/>
10,800'	1210	March 5, 1987	1000'

SPACING INFORMATION:

13-A. Do you intend to circulate cement from total depth to surface? (See instructions) Yes ☒ No ☐

14. Spacing Order Numbers and Size of Spacings
308364 250446-027949 202836

15. Application Pending C.D. No. 16. Location Exception Order No. 309163 17. Increased Density Order No.

18. Is well being drilled under Federal jurisdiction? Yes ☐ No ☒ 19. Is H₂S anticipated? Yes ☐ No ☒ 20. Will a fresh water supply well be drilled at this location? Yes ☐ No ☒ Will surface water be used in drilling this well? Yes ☒ No ☐

PROPOSED CASING DESIGN: (To include surface casing. If space below is insufficient attach separate sheet.)

21. Casing Size (Inches)	22. Section Length (Feet)	23. Casing Weight (lbs/ft)	24. Casing Grade	25. Setting Depth (Feet)	26. Est. Top of Cement (Feet)	27. Design WMP PSI	28. Design Mud Wght. (ppg)	29. S.O.P. (Class)
9.625	1000'	36#	K-55	1000'	Circ (0')	3000	9.8	3
5.500	8400'	17#	K-55	8400'	8000	5320	9.8	5
5.500	2100'	17#	N-80	10,500'	8000	5320	9.8	5
APPROVAL								

I hereby certify that I am authorized to submit this application, which was prepared by me under my supervision and direction. The facts and proposals made herein are true to the best of my knowledge and belief.

Signature

Title

Date

W. H. Morgan

Sr. Drilling Engineer

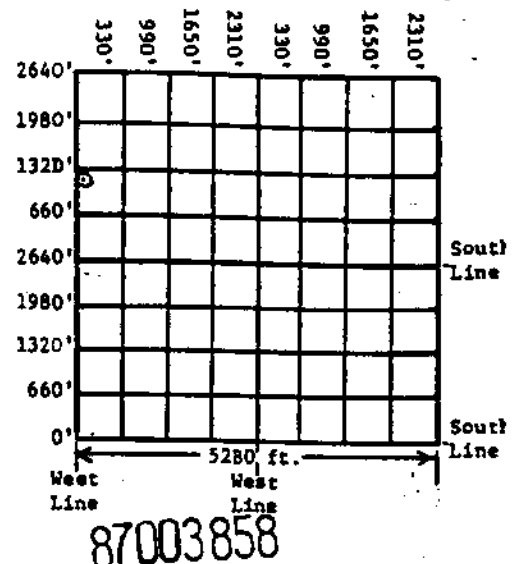
February 25, 1987

Address (if different than No. 7 above)

Phone (A.C./Number)

(918) 582-6944

NOTICE: This application is void if drilling is not started within six (6) months of approval date. An approved copy must be posted on location while drilling and completing.



Section 34 Township 10N Range 4W WALK THROUGH

CEMENTING REPORT
TO ACCOMPANY COMPLETION REPORT

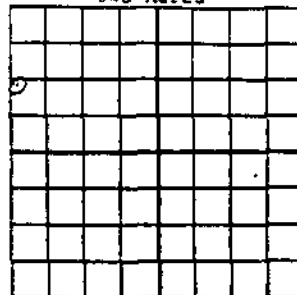
OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division

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

API No. 087-21362

OTC/OCC Oper. No. 15633-0

640 Acres



Locate Well and Outline
Lease

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.

87003858

*1. Field Name Wildcat		*2. O.C.C. District 3 (Duncan, OK)	
*3. Operator Santa Fe Energy Operating Partners, L.P.		*4. County McClain	
*5. Lease Name Chief		*6. Well Number 1-34	
*7. Location		Section Township Range	
NW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ 34		10N 4W	
CEMENT CASING DATA:	CONDUCTOR CASING	SURFACE CASING	INTERMEDIATE CASING
8. Cementing Date	3-10-87		
*9. (a) Size of Drill Bit (inches)	12.25		
(b) Estimated % wash or hole enlargement used in calculations.	100%		
*10. Size of Casing (inches O.D.)	9.625		
*11. Top of Liner (if liner used) (ft.)	N/A		
*12. Setting Depth of Casing (ft.) from ground level	1043		
13. Type of Cement (API Class)	Lite "H" +		
(a) in first (lead) or only Slurry.	2%CC+1CF		
(b) In second Slurry	H+2%CC		
(c) In third Slurry	---		
14. Sacks of cement used:			
(a) In first (lead) or only Slurry	200		
(b) In second Slurry	250		
(c) In third Slurry	---		
15. Vol of Slurry pumped: (Cu ft)(14.X 15.)			
(a) In first (lead) or only Slurry	348		
(b) In second Slurry	293		
(c) In third Slurry	---		
16. Calculated Annular Height of Cement behind Pipe (ft)	Circulated		
17. Cement left in pipe (ft)	86		

*18. Amount of Surface Casing Required (from Form 1000) 1000 ft.

*19. Was cement circulated to Ground Surface? Yes ☒ No ☐ *20. Was Cement Staging Tool (DV Tool) Used? Yes ☐ No ☒

*21. Was Cement Bond Log run? (If so, ATTACH COPY). No *22. If answer to 20. is yes, at what depth? N/A 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.

Form No. 1002-C
1985

CEMENTING REPORT
TO ACCOMPANY COMPLETION REPORT

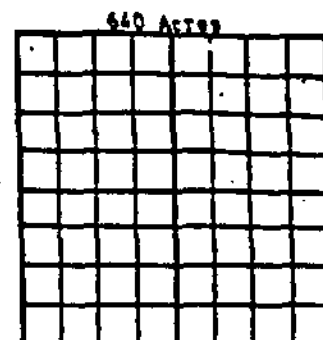
API No. 087-21362

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Jim Thorpe Bldg / Oklahoma City, Ok 73105-4993
(Rule 3-206)

OTC/OCC Oper. No. 15633

All operators must include this form when submitting the Completion Report, (Form No. 1002-A). 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.

87003858



Locate Well and Outline
Lease

*1. Field Name		*2. O.C.C. District			
*3. Operator Santa Fe Energy Operating Partners, LP		*4. County McClain			
*5. Lease Name Chief		*6. Well Number 1-34			
*7. Location NW 1/4 NW 1/4 SW 1/4 NW 1/4		Section 34	Township 10N	Range 4W	
CEMENT CASING DATA:		SURFACE CASING	INTER- MEDIATE CASING	PRODUCTION CASING	MULTI-STAGE CEMENTING PROCESS
8. Cementing Date					4-25-87 4-25-87
*9. (a) Size of Drill Bit (inches)					7 7/8" 7 7/8"
(b) Estimated % wash or hole enlargement used in calculations.					
*10. Size of Casing (inches O.D.)					5 1/2 5 1/2
*11. Top of Liner (if liner used) (ft.)					
*12. Setting Depth of Casing (ft.)- from ground level					10500
13. Type API Class Cement & amount of Additives used: (a) In first (lead) or only Slurry. (If additional space is needed, use "Remarks" on reverse side)					ON Back ON Back
(b) In second Slurry					
(c) In third Slurry					
14. Sacks of cement used:					
(a) In first (lead) or only Slurry					800 1600
(b) In second Slurry					
(c) In third Slurry					
15. Slurry Vol/Sacks of Cement (Cu ft/sack):					
(a) In first (lead) or only Slurry					1.21 1.21
(b) In second Slurry					
(c) In third Slurry					
16. Vol of slurry pumped: (Cu ft)(14.X15.)					
(a) In first (lead) or only Slurry					968 1936
(b) In second Slurry					
(c) In third Slurry					
(d) Total Slurry volume pumped (Cu ft)					968 1936
17. Calculated Annular Height of Cement Slurry behind Pipe (ft)					
18. Was cement circulated to ground surface (or bottom of collar) outside casing? Yes or No					NO NO

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

10A. OTC/OCC Oper No.
15633
1. API Number
087-21362
2. OTC Prod. Unit No.

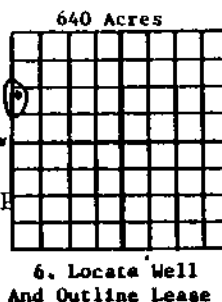
This form is an Original ☒ Amended ☐

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

Form 1002-A
Rev. (1985)

PLEASE TYPE OR USE BLACK INK ONLY

3. County McClain Sect. 34 Twp. 10N Range 4W
4. Lease Name Chief 5. Well No. 1-34
7. Well Located NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW
8. 1306 Ft. From S.L. of $\frac{1}{4}$ Sect. and 100 Ft. From W.L. of $\frac{1}{4}$ Sect. w
9. Elevation: Derrick Floor 1226 Ground 1210
10. COMPANY OPERATING Santa Fe Energy Operating Part LE
Address One West Third, Suite 500
City Tulsa State OK Zip 74103
11. Drilling Started 3-10, 19 87 Drilling Finished 4-22, 19 87
12. Well Completed 7-7, 19 87 Date-First Prod. SIWOPL, 19 87



13. TYPE COMPLETION

Single Zone X
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
Oil Creek	10014	10029			
Tulip Creek	9614	9619			
2nd Wilcox	275	9290			

16. CASING & CEMENT

Surf. & Prod. Casing Set					Cag Test		Cement	
Type	Size	Weight	Grade	Feet	PSI	Sax	Fillup	Top
Conductor								
Surface	9 5/8	36,40	K55, J55	1043	1500	450	Circ	Surf
Intermediate	5 1/2	17	N-80	10458	-	800	Circ	Surf
Production								
Liner								

18. PACKERS SET

Depth 9226' Type Otis "MH" Pkr

17. TOTAL DEPTH 10,500'

Why?

19. COMPLETION & TEST DATA BY PRODUCING FORMATION

2021 WLCX2 3

FORMATION	Wilcox		
SPACING & SPACING ORDER NUMBER	80/308364		
CLASSIFICATION (Oil, Gas, Dry, Inj. Well)	Gas	87003858	
PERFORATED INTERVALS	9275-90'		
ACID/VOLUME FRACTURE TREATED?	Natural		
Fluids Amounts			

INITIAL TEST DATA:

Date	6-24-87		
Dil-bbl/day	46		
Oil-Gravity (*API)	59.8		
Gas-Cu Ft/day	2082000		
Gas-Oil Ratio Cu. Ft/bbl	45261		
Water-bbl/day	7.5		
Pumping or Flowing	flowing		
Initial Shut-In Pressure	2576		
CHOKE SIZE	12/64		
FLOW TUBING PRESSURE	2380		

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.

David J. Munder sr. Production Eng.
Signature Title

One West Third, Suite 500 Tulsa, OK 74103
Address City State Zip

August 17, 1987 (918) 582-6944
Date Phone

FILE ORIGINAL ONLY
PLEASE TYPE OR USE BLACK INK
OTC/OCC OPERATOR NUMBER

APPLICATION TO DRILL, RECOMPLETE OR REENTER
(See Instructions on Back)

FORM 1000
(Rev. 1988)

BATCH NUMBER (OCC USE ONLY)

11148621

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Jim Thorpe Building
Oklahoma City, Oklahoma 73105-4903
(Rule 3-204)

006357

2. API NUMBER

087-21362

3. NOTICE OF INTENTION TO:

☐ DRILL ☒ RECOMPLETE ☐ REENTER

Reason
☐ AMEND Amended

4. TYPE OF DRILLING OPERATION:

☐ STRAIGHT HOLE ☒ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE

Note: If, directional or horizontal, see reverse side for bottom hole loc.

5. WELL LOCATION:

Section	Township	Range	County
34	10N-	4W	McClain
Spot Location:			
Feet from quarter section lines			
NW	1/4 NW	1/4 SW	1/4 NW
South line	1306	West line	100

7. Well will be 100 feet from nearest lease, unit or property boundary.

8. LEASE NAME: CHIEF

WELL NUMBER: 1-34

9. NAME OF OPERATOR:

SANTA FE ENERGY OPERATING PARTNERS, L.P.

ADDRESS

PHONE (AC/NUMBER)

One West Third, Suite 500 (918) 582-6944

CITY

STATE

ZIP CODE

Tulsa

OK

74103

10. NAME OF SURFACE OWNER: (one only, attach sheet for additional owners)

Mack Levering

ADDRESS

208 West Lomita Drive

CITY

STATE

ZIP CODE

Glendale

CA

91204

11. TARGET FORMATIONS AND DEPTHS OF EACH (limited to ten)

Oil Creek @ 10,000' 202 OLCK

12. SPACING ORDER NUMBER(S) AND SIZE UNIT(S):

80 acres 308364 3320H

13. Pending Application C.O. No.

14. Location Exception Order No.

15. Increase Density Order No.

309163

312438

16. Total Depth

17. Ground Elev.

18. Depth to base of treatable water-bearing fm.

960'

19. Surface Casing

1043'

20. Will alternative casing program be used? ☐ Y ☒ N

21. Alternative Casing Procedures, check box and fill in blank (Affidavit Required, see Reverse Side):

- ☐ A. Cement will be circulated from total depth to the ground surface on the production casing string.
☐ B. Cement will be circulated from _____ depth to _____ depth by use of a two stage cementing tool.

22. Pit Information:

- A. Type of Pit System: ☐ On-site ☐ Off-site ☐ Closed if off-site, specify location:
B. Type of Mud System: ☐ Water based ☐ Oil based ☐ Gas based (air drilled)
C. Expected chloride content: maximum _____ ppm; average _____ ppm.
D. Is depth to top of ground water greater than 6 ft. below base of pit? ☒ Yes ☐ No

23. For OCC Use Only:

- A. Is pit located in an hydrologically sensitive area? ☒ Yes ☐ No
B. Category of pit: 1 2 3 4 C. Liner Required: ☐ Yes ☒ No N/A

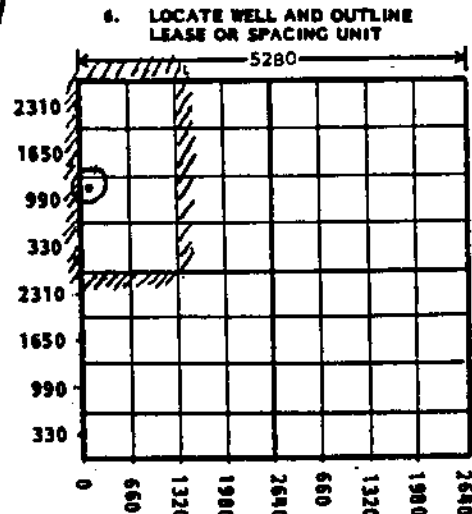
24. PROPOSED METHOD FOR DISPOSAL OF DRILLING FLUIDS (must be completed):

- ☐ A. Evaporation/dewater and backfilling of reserve pit;
☐ B. Solidification of pit contents;
☐ C. Annular Injection (requires permit and surface casing set 200 ft. below base of Treatable Water-bearing fm);
☐ D. Noncommercial land application (requires permit);
☐ E. Haul to commercial pit facility; specify site
☐ F. Haul to commercial soil farming facility; specify site
☒ G. Other method; specify M&B Oilfield Services HOSKINS JWD 9-TN-1W (#281922) Cleveland Co.

I hereby certify that I am authorized to submit this two page application which was prepared by me or under my supervision. The facts and proposals made herein are true, correct and complete to the best of my knowledge and belief.

SIGNATURE D.D. Oswald, Jr. NAME (Print or Type) D.D. Oswald, Jr. PHONE (AC/NUMBER) (918) 582-6944 DATE 11/10/88

NOTICE: Approval is void if operations have not commenced within six months of the date of approval. An approved permit must be posted at the location during drilling and completion operations. File the Form 1001A, Spud Report, within 60 days of completion of operations.



11. Is well located on lands under federal jurisdiction? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
12. Will a water well be drilled? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Will surface water be used? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
13. DATE OPERATION TO BEGIN December 1, 1988

SECTION 34
TOWNSHIP 10N
RANGE 4W
WELL NAME Chief
NUMBER 1-34

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
INTENT TO RECOMPLETE

SPECIAL ORDERS

** **
** **
** **
** **
** **
** **

APPROVED 11/28/88

006357

API-NUMBER: 087-21362-A

OTC/OCC NUMBER: 15633-0

TYPE: RECOMPLETE

OPERATOR NAME: SANTA FE ENERGY OPERATING,
PHONE: (918) 582-6944

SECTION: 34 TOWNSHIP: 10N RANGE: 04W COUNTY: MCCLAIN
LOCATION: NW4 NW4 SW4 NW4

FEET FROM: SOUTH 1/4 SECTION LINE: 1306 FEET FROM: WEST 1/4 SECTION LINE: 0100
FEET FROM NEAREST LEASE LINE: 0100

BOTTOM HOLE LOCATION

SECTION: 34 TOWNSHIP: 10N RANGE: 04W COUNTY: MCCLAIN
LOCATION: SE4 NW4 NW4 NW4

FEET FROM: SOUTH 1/4 SECTION LINE: 2123 FEET FROM: WEST 1/4 SECTION LINE: 0419
FEET FROM NEAREST LEASE LINE:

LEASE NAME: CHIEF

WELL NO: 1-34 OPER TO BEGIN: 12/01/88

FORMATION CODES, NAMES, DEPTHS ** PERMIT VALID FOR LISTED FORMATIONS ONLY **
20LCK OIL CREEK 10000

TOTAL DEPTH: 10458
GROUND ELEVATION: 1210

PLUG BACK DEPTH: 00000
SURFACE CASING DEPTH: 1043

ORDERS

SPACING NUMBERS: 308364

LOCATION EXCEPTION NUMBER: 312438 INCREASED DENSITY NUMBER: 000000

CEMENT AND LOG: NO STAGE COLLAR DEPTH: 00000 BLM: NO

H2S: NO CONTINGENCY PLAN FILED: NO

FRESH WATER SUPPLY WELL DRILLED: NO SURFACE WATER USED TO DRILL: NO

SURFACE OWNER ADDRESS

MACK LEVERING

208 W. LOMITA DR.

GLENDALE

CA 912040000

OPERATOR RETURN ADDRESS

SANTA FE ENERGY OPERATING

ONE WEST 3RD., STE. 500

TULSA

OK 741030000

APPROVED INTENT TO DRILL DOES NOT CONSIDER THE VALIDITY OF ANY LEASE.
APPROVAL IS BASED ONLY ON THE ITEMS APPEARING ON THE CARD, WHICH ARE WITHIN
THE JURISDICTION OF THE COMMISSION. THE APPROVAL OF THIS INTENT TO DRILL DOES
NOT WAIVE THE RIGHT OF ANY OPERATOR AND OR DRILLING CONTRACTOR IN OBSERVANCE
OF ALL SPECIAL AND GENERAL ORDERS OF THE OIL AND GAS CONSERVATION DIVISION.
THIS PERMIT VOID IF DRILLING NOT STARTED WITHIN 6 MONTHS.

10033

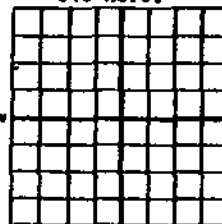
This form is an Original ☐ Answered ☒

1. API Num
087-21362 A
2. OTC Prod. Unit No.
087-91048

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 Chief 5. Well No. 1-34
7. Well Located NW 1/4 NW 1/4 SW 1/4 NW
8. 1306 Ft From S.L. of 1/4 Sect. and 100 Ft. From W.L. of 1/4 Sect.
9. Elevation: Derrick Floor 1226 Ground 1210
10. COMPANY OPERATING Santa Fe Energy Operating Part., LP
Address One West Third, Suite 500
City Tulsa State OK Zip 74103
11. Drilling Started 12-17, 19 88 Drilling Finished 12-22, 19 88
12. Well Completed 12-22, 19 88 Date-First Prod. 12-22, 19 88

640 Acres

6. Locate Well
And Outline Lease

13. TYPE COMPLETION

Single Zone X
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
Oil Creek	10014	10029			
Tulip Creek	9614	9619			
2nd Wilcox	275	9290			

16. CASING & CEMENT

Surf. & Prod. Casing Set					Casing Test		Cement	
type	Size	Weight	Grade	Feet	PSI	Sax	Fillup	Top
conductor								
surface	9-5/8	36.40	K&J-55	1043	1500	450	Circ	Surf
intermediate	5-1/2	17	N-80	10458		800	Circ	Surf
production								
liner								

18. PACKERS SET

Depth 9935 Type Permatrieve

17. TOTAL DEPTH 10,500

(Over)

Why? Recompletion

19. COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Oil Creek		
SPACING & SPACING ORDER NUMBER	308364		
CLASSIFICATION (Oil, Gas, Dry, Inj. Well)	gas		005357
PERFORATED INTERVALS	10014-020 10022-029		
ACID/VOLUME	2000 gal. - 1 1/2%		
FRACTURE TREATED?			
Fluids Amounts	36,000 gal.		
INITIAL TEST DATA:			
Date	1-5-89		
Oil-bbl/day	37		
Oil-Gravity (*API)			
Gas-MCF/day	2519		
Gas-Oil Ratio Cu. Ft/bbl			
Water-bbl/day	0		
Pumping or Flowing	Flowing		
Initial Shut-In Pressure	1847		
CHOKE SIZE	18/64		
FLOW TUBING PRESSURE	1425		

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.

D. D. Oswald District Operations Mgr.
D. D. Oswald Signature Title

One West Third, St. 500, Tulsa, OK 74103

Address City State Zip

1-9-89

Date

918-582-6944

Phone

FILE ORIGINAL ONLY
PLEASE TYPE OR USE BLACK INK

APPLICATION TO DRILL, RECOMPLETE OR REENTER
(See Instructions on Back)

FORM 1000
(Rev. 1988)

OTC/OCC OPERATOR NUMBER

15633

API NUMBER

213628
087-24476

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Jim Thorpe Building
Oklahoma City, Oklahoma 73105-889715
(Rule 3-204)

BATCH NUMBER (OCC USE ONLY)

05119010

3. NOTICE OF INTENTION TO:

☐ DRILL ☒ RECOMPLETE ☐ REENTER ☐ AMEND Reason Amended

4. TYPE OF DRILLING OPERATION:

☐ STRAIGHT HOLE ☒ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
Note: If, directional or horizontal, see reverse side for bottom hole loc.

5. WELL LOCATION:

Section	Township	Range	County
34	10N	4W	McClain
Spot Location:			
NW 1/4 NW 1/4 SW 1/4 NW 1/4 South line 1306 West line 100			

7. Well will be 100 feet from nearest lease, unit or property boundary.

8. LEASE NAME: Chief WELL NUMBER: 1-34

9. NAME OF OPERATOR:

Santa Fe Energy Operating Partners, LP
ADDRESS PHONE (AC/NUMBER)
One West Third, Suite 500 (918) 582-6944
CITY STATE ZIP CODE
Tulsa OK 74103

10. NAME OF SURFACE OWNER: (one only, attach sheet for additional owners)

Mack Levering
ADDRESS
208 West Lomita Drive
CITY STATE ZIP CODE
Glendale CA 91204

11. Is well located on lands under federal jurisdiction? ☐ Y ☒ N

12. Will a water well be drilled? ☐ Y ☒ N
Will surface water be used? ☐ Y ☒ N

13. DATE OPERATION TO BEGIN
May 15, 1989

14. TARGET FORMATIONS AND DEPTHS OF EACH (limited to ten)

Hunton 8420-28' 2694 NTN
~~Red Fork~~ 8246-54' 404 DEES
~~Deese Group~~

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S):

80 acres 308364 27949 33201 202834

16. Pending Application C.D. No.

17. Location Exception Order No.

18. Increase Density Order No.

19. Total Depth

10458

20. Ground Elev.

1210

21. Depth to base of treatable water-bearing fm.

950

22. Surface Casing

1043

23. Will alternative casing program be used? ☐ Y ☒ N

24. Alternative Casing Procedures, check box and fill in blank (Affidavit Required, see Reverse Side):

- ☐ A. Cement will be circulated from total depth to the ground surface on the production casing string.
☐ B. Cement will be circulated from _____ depth to _____ depth by use of a two stage cementing tool.

25. Pit Information:

- A. Type of Pit System: ☐ on-site ☐ off-site ☐ closed If off-site, specify location:
B. Type of Mud System: ☐ water based ☐ oil based ☐ gas based (air drilled)
C. Expected chloride content: maximum _____ ppm; average _____ ppm.
D. Is depth to top of ground water greater than 6 ft. below base of pit? ☐ yes ☒ no

The only fluid will be water which will be kept in a steel frac tank.

26. For OCC Use Only:

- A. Is pit located in an hydrologically sensitive area? ☐ yes ☒ no
B. Category of pit: 1 2 3 4 C. Liner Required: ☐ yes ☒ no

27. PROPOSED METHOD FOR DISPOSAL OF DRILLING FLUIDS (must be completed):

- ☐ A. Evaporation/dewater and backfilling of reserve pit;
☐ B. Solidification of pit contents;
☐ C. Annular Injection (requires permit and surface casing set 200 ft. below base of Treatable Water-bearing fm);
☐ D. Noncommercial land application (requires permit);
☒ E. Haul to commercial pit facility; specify site Vintage Disposal Sec. 10-7N-3W McClain Co., Perm.
☐ F. Haul to commercial soil farming facility; specify site
☐ G. Other method; specify

250503

I hereby certify that I am authorized to submit this two page application which was prepared by me or under my supervision. The facts and proposals made herein are true, correct and complete to the best of my knowledge and belief.

SIGNATURE D. D. Oswald, Jr. PHONE (AC/NUMBER) (918) 582-6944 DATE

NOTICE: Approval is void if operations have not commenced within six months of the date of approval. An approved permit must be posted at the location during drilling and completion operations. File the Form 1001a, Spud Report, within fourteen days of commencement of operations.

IDA. SEC/ADJ. No.
1563

1. API Number
087-21362B

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 Chief 5. Well No. 1-34

7. Well Located NW 1/4 NW 1/4 SW 1/4 NW 1/4

8. 1306 Ft From S.L. of 1/4 Sect. and 100 Ft. From W.L. of 1/4 Sect.

9. Elevation: Derrick Floor 1226 Ground 1210

10. COMPANY OPERATING Santa Fe Energy Operating Partners, LP
address One West Third, Suite 500
City Tulsa State OK Zip 74103

11. Drilling Started 6/1, 19 89 Drilling Finished 6/10, 19 89

12. Well Completed 6/10, 19 89 Date-First Prod. 6/10, 19 89



6. Locate Well
And Outline Lease

13. TYPE COMPLETION

Single Zone X

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
Deese	8236	8254			

16. CASING & CEMENT

Surf. & Prod. Casing Set					Csg. Test		Cement	
Type	Size	Weight	Grade	Feet	PSI	Sax	Fillup	Top
Conductor								
Surface	9 5/8	36-40#	K55 J55	1043	1500	450	Circ	Surface
Intermediate								
Production	5 1/2	17#	N-80	10458	—	2400	3050'	7450'
Inner								

18. PACKERS SET

Depth 8170' Type Otis Permatrieve

(Over)

17. TOTAL DEPTH 10,500'

91205005

Form 1002-A
Rev. (1985)

Why?

19. COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Deese		
SPACING & SPACING ORDER NUMBER			009715
CLASSIFICATION (Oil, Gas, Dry, Inj. Well)	Dry		
	8236-54'		
PERFORATED INTERVALS			
AGID/VOLUME	2000 gal		
FRACTURE TREATED?	No		
Fluids Amounts			
INITIAL TEST DATA:			

Date _____

Oil-bbl/day _____

Oil-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 _____

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.

W.D.M.S. District Operations Manager
Signature Title

One West Third, Suite 500 Tulsa, OK 74103
Address City State Zip

November 22, 1989 (918) 582-6944
Date Phone

LOCATE WELL ON GRID BELOW

PLUGGING RECORD
(Rule 3-405)RECEIVED
Oklahoma Corp. CommissionForm 1003/1003I
(Rev. 1988)

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

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

JAN 19 1990

Replaces separately
Forms 1003 and 1003ITYPE OR USE BLACK INK
Instructions on back of formFill out completely and mail to District Office:
District I: (918) 367-3396
115 W. Sixth Street/P. O. Box 779
Bristow, Oklahoma 74010District III: (405) 255-1525
1915 Elk Blvd./P.O. Box 1525
Duncan, Oklahoma 73333
District IV: (405) 532-3444
703 N. Broadway/P.O. Box 238
Ada, Oklahoma 74820District II: (405) 375-5570
202 E. Miles
Kingfisher, Oklahoma 73750The API number of the well is ESSENTIAL--if you do not know
number, call Petroleum Information, Inc., at (405) 848-9800

001239308

Lease Name Chief	Well No. 1-34	County McClain	API Number 087-21362B	Well TO: 10 458
Location NW 1/4 SW 1/4 NW 1/4				Section Township Range 34 10N 4W
Name of Operator Santa Fe Energy				OTC/OCC Operator No. 15633-0
Address One West Third St., Suite 500				Date Plugging Complete 1/9/90
City State Zip Tulsa, Oklahoma 74103				Type of Well Dry
Phone (A.C.) (918) 582-6944				Treatable Water Depth
-- Pipe Record --				
Size	Run (ft)	Pulled (ft)	Candr	
9-5/8"	1043'	0'	Surf	
			I.C.	
5-1/2"	10,458'	4473'	P.C.	
			Lnr.	

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	CIBP	5 1/2"	8186'	20'		8166'	
2	Cement	7 7/8"	4315'	35 sks.	36.75	4215'	
3	Cement	7 3/4" x 9 5/8"	1143'	100 sks.	105.0	943'	972'
4	Cement	9 5/8"	53'	35 sks.	36.75	3'	
5							

PERFORATION DEPTHS: Set 1-From: 8236' Ft To: 8254' Set 2-From: _____ To: _____
Set 3-From: _____ Ft To: _____ Set 4-From: _____ To: _____

REMARKS:

Reason for plugging:

000610

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.

Larry Murray
Signature of Cementer or Authorized Representative

Larry Murray, Pusher 1/10/90

Name of Person and Title (Type or Print) Date

Proctor's Casing Pullers 312

Cementing Company Permit Number

6209 Aluma Valley Dr. (405) 478-0591

Street Address or P. O. Box
Oklahoma City, Ok 73121

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.

Dan D. Oswald, Jr.
Signature of Operator or Authorized Representative

Dan D. Oswald, Jr. 1/12/90

Name of Person and Title (Type or Print) Date

District Operations Manager

Name of Field Inspector

Signature of District Manager

DISTRICT MANAGER'S
SIGNATURE
DISCLAIMER:

By signing this form, the District Manager has approved the content 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.

