

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____		8. FARM OR LEASE NAME, WELL NO. Nagooitee Peak "5" Federal #4	
2. NAME OF OPERATOR Santa Fe Snyder Corporation		9. API WELL NO. 30-015-30488	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915-686-6612		10. FIELD AND POOL, OR WILDCAT Indian Basin (Upper Penn) Assoc.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 610' FNL and 1900' FEL, Unit Ltr 'B' At top prod. interval reported below		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Lot 2, Sec. 5, T 22S, R 24E	
At total depth		14. PERMIT NO.	12. COUNTY OR PARISH Eddy
		DATE ISSUED	13. STATE NM
15. DATE SPUNNED 8-31-99	16. DATE T.D. REACHED 9-26-99	17. DATE COMPL. (Ready to prod.) 12-9-99	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4321' GR
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8400	
21. PLUG, BACK T.D., MD & TVD 8340		22. IF MULTIPLE COMPL., HOW MANY* 1	23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7774 - 7881 Upper Penn			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express Log			27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	1615'	12 3/4"	100 sx, TS FB. 200 sx "C", 1" to surf w/ 250 sx C1 'C'	None
7"	26#	8400'	8 3/4"	1st sq:250 sx Thix & POZ-H 2nd sq:750sx BJ Lt& C1 C	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	8182	NA

31. PERFORATION RECORD (Interval, size and number) 7774' - 7881 2 SPF (146 Holes)	32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	7774 - 7881	25,000 gal 20% gelled HCl w/100BS

33.* PRODUCTION							
DATE FIRST PRODUCTION 12-10-99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Submersible Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-22-99	HOURS TESTED 24 hrs	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD	OIL - BBL. 0	GAS - MCF. 1036	WATER - BBL. 4027	GAS - OIL RATIO
FLOW. TUBING PRESS. 410	CASING PRESSURE 380	CALCULATED 24-HOUR RATE	OIL - BBL. 0	GAS - MCF. 1036	WATER - BBL. 4027	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold	TEST WITNESSED BY
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35. LIST OF ATTACHMENTS
Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Bruce Keatley TITLE Regulatory Specialist DATE 1/24/00

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cisco/Canyon Dolomite			Oil, Gas, Water	San Andres	1214	1214
				Glorieta	2718	2718
				Yeso	3890	2890
				3rd Bone Spring	6914	6914
				Wolfcamp	7242	7242
				Cisco	7753	7753

Well Name and Number: Nagooltee Peak "5" Federal #4

Location: Sec. 5, T22S, R24E, Eddy County, New Mexico

Operator: Santa Fe Snyder

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1 ¼ 1610	3 ¾ 5869	
1 ¼ 2124	2 ¾ 6026	
1 2622	2 ½ 6343	
1 3119	2 6656	
1 ½ 3619	1 ¼ 7163	
1 ¼ 3650	1 ¼ 7350	
1 ½ 4141	1 ¼ 8351	
2 ¾ 4638		
3 4795		
2 ½ 4950		
3 ½ 5266		
4 5424		
4 ¼ 5520		
3 ¾ 5615		
3 ¼ 5711		

Drilling Contractor: McVay Drilling Company

By: *John Snyder*

Subscribed and sworn to before me this 7th day of October, 1999

Jina Elements
Notary Public

My Commission Expires: 8-16-2001

Lea County, New Mexico

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other</p> <p>2. Name of Operator Santa Fe Energy Resources, Inc.</p> <p>3a. Address 550 W. Texas, Suite 1330, Midland, TX 79701</p> <p>3b. Phone No. (include area code) (915)686-6612</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) (B), Lot 2, 610' FNL and 1900' FEL, Sec. 5, T-22S, R-24E</p>	<p>5. Lease Serial No. NM-81217</p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. If Unit or CA/Agreement, Name and/or No.</p> <p>8. Well Name and No. Nagooltee Peak "5" Federal #4</p> <p>9. API Well No. 30-015-30488</p> <p>10. Field and Pool, or Exploratory Area Indian Basin (Upper Penn) Assoc.</p> <p>11. County or Parish, State Eddy NM</p>
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12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Spud & run casing string</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

8/31/99
SPUD 12:01am Drlg ahead.

9/01/99
Drlg, lost circ @ 940' (foam).

9/02/99
Drilling.

9/03/99
Drl to 1591' @ 9:15 MST & stuck string on btm. Work stuck pipe.

9/04/99
Work stuck string - Halliburton pmped free w/2000 PSI. Spot 100 bbl hi-vis mud. LD DP & DCs, drag til last 4 DCs. RU csg crew, ran 4 jts 9-5/8" & (2) 6" DCs, worked past 150', able to see boulder when out of hole. Ream 150-667' drag. Reaming.

<p>14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Terry McCullough</p>	<p>Title Sr. Production Clerk</p> <p>Date 9/23/99</p>
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THIS SPACE FOR FEDERAL OR STATE OFFICE USE

<p>Approved by <i>Terry McCullough</i></p>	<p>Title</p>	<p>Date</p>
<p>Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.</p>		<p>Office</p>

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

9/05/99

Depth 1591'. Work stuck string, unble to circ w/Halliburton (500 PSI). Prep to mix mud. Shut dwn, wait on orders.

9/06/99

Wait on orders & WL. RU rotary & RIH FPI & hung in float at top of shock sub, pmp free. Run FPI, stuck on tool joint @ 590', back off 559'. Work uphole 6' & hung. Ran 2nd FPI, back off 502', left 2 jts in hole. Work up 3 & came free, POH. PU jars, acc, BS & 6 DCs. TIH to 249' & tag, wash to 280', no circ (air). POH, LD fish tools. PU bit & wash to fish.

9/07/99

Wash 230-355', no circ (air). LD DP & DCs. PU 11 jts DP to cmt. Wait on Halliburton. Pmp 5 cmt plugs (335 sx), start @ 337' tag, tag #4 @ 297'. Wait on Redi-Mix. Dump 20 yds Redi-Mix & tag w/WL @ 226'.

9/08/99

Dump add 20 yds Redi-Mix to fill hole to 20'. NU rot head. WOC. Drl Redi-Mix to 250'.

9/09/99

Drl Redi-Mix to 250'. Drlg to 565'. Top of fish @ 502'.

9/10/99

Depth 1000'. POH. LD fish tools. PU (12) 6¼" DCs & TIH. Drl to 789'. POH for bit #4. TIH new bit. Drlg.

9/11/99

Drlg, 2 BPM water entry. Circ. POH 11 jts. TIH 11 jts. Brk circ. Drlg.

9/12/99

TD 12¼" hole @ 11am, CST. Spot 100 bbl mud, good circ. LD DP & DCs. RU csg crew & ran 39 jts 36# 9-5/8" J-55 STC new csg, set shoe @ 1615'. RD csg crew. Halliburton cemented w/100 sx TS FB 340 sx, HLC FB 200 sx "C" + 2% CaCl, no circ. WOC.

9/13/99

WOC. Ran temp svy, TOC outside 9-5/8" csg @ 1400'. Dump 200 gal pea gravel. Ran 1" & stop @ 340'. Wait on orders. Halliburton pmpd 50 sx 4% CaCl 5 times, 2 hrs between plugs to fill from 340 to surface @ 8pm, CST. Prepare to rig down United Rig #4. Release rig @ 8pm.

9/14/99 Moving in McVay rig.

9/15/99 Rigging up McVay rig.

9/16/99

RU Schlumberger. Run cmt bond log. Test BOP, pipe rams, blind rams and choke manifold to 3000 PSI OK; hydrill to 1500 psi. PU BHA and DP. Tag cmt @ 1536'. Drlg cmt and FC and shoe jt. Drlg formation 1592' to 1659'. Drop totco and lay down 4 jts DP and POOH. PU BHA.

9/17/99

Finish PU BHA, trip in hole, ream 1564-1592'. Drlg.

Nagooltee Peak 5 Federal No. 4

<u>Working Interest Owners</u>	<u>Working Interest</u>
Santa Fe Snyder Corporation 550 W. Texas, Suite 1330 Midland, Texas 79701	94.2270
Yates Petroleum Corp Attn: Brent May 105 South Fourth Street Artesia, NM 88210	5.7730