

1594

New Mexico

Form C-142

Date 06/99

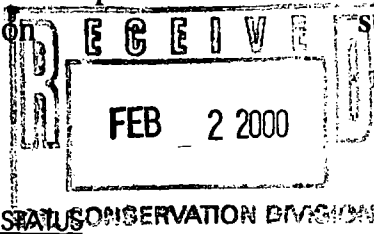
Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131



SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

APPLICATION FOR NEW WELL STATUS CONSERVATION DIVISION

I. Operator and Well

Operator name & address Santa Fe Snyder Corporation 550 West Texas, Suite 1330 Midland, TX 79701							OGRID Number 020305	
Contact Party Brad Foster							Phone (915) 686-6617	
Property Name Nagooltee Peak "5" Federal					Well Number 4		API Number 30-015-30488	
UL B	Section 5	Townsh P 22S	Rang e 24E	Feet From The 610	North/South Line North	Feet From The 1900	East/West Line East	County Eddy

II. Date/Time Information

Spud Date 8/31/99	Spud Time 12:01 am	Date Completed 12/9/99	Pool Indian Basin (Upper Penn) Assoc.
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

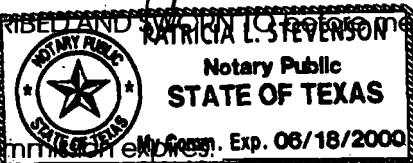
State of Texas)
County of Midland)

Brad Foster, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title Operations Manager Date 01/31/2000

SUBSCRIBED AND SWORN to before me this 31 day of January 2000



Patricia L. Stevenson
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>[Signature]</u>	Title <u>P.O. [Signature]</u>	Date <u>FEB 10 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/11/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2010847862

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 _____						5. LEASE DESIGNATION AND SERIAL NO. NM-81217	
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 _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Santa Fe Snyder Corporation						7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915-686-6612						8. FARM OR LEASE NAME, WELL NO. Nagooltee Peak "5" Federal #4	
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 At total depth						9. API WELL NO. 30-015-30488	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT Indian Basin (Upper Penn) Assoc.	
15. DATE SPUDDED 8-31-99						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Lot 2, Sec. 5, T 22S, R 24E	
16. DATE T.D. REACHED 9-26-99						12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 12-9-99						13. STATE NM	
18. ELEVATIONS (OF, 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)	
						7774 - 7881	
						AMOUNT AND KIND OF MATERIAL USED	
						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	
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 <u>Bruce Keenly</u>				TITLE <u>Regulatory Specialist</u>		DATE <u>1/24/00</u>	

*(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			Oil, Gas, Water	San Andres	1214	1214
Dolomite				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:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
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

Tina Hlements
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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Santa Fe Energy Resources, Inc.

3a. Address
550 W. Texas, Suite 1330, Midland, TX 79701

3b. Phone No. (include area code)
(915)686-6612

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

5. Lease Serial No.

NM-81217

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Nagooltee Peak "5"
Federal #4

9. API Well No.
30-015-30488

10. Field and Pool, or Exploratory Area
Indian Basin (Upper
Penn) Assoc.

11. County or Parish, State
Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 recompleate 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.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Terry McCullough

Title

Sr. Production Clerk

Date 9/23/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

Office

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.

(Instructions on reverse)

9/05/99

Depth 1591'. Work stuck string, unable 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