

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil and Gas Division
811 S. 1st Street
Artesia, NM 88210-2834
FORM APPROVED
NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other _____				7. UNIT AGREEMENT NAME NM-104040	
2. NAME OF OPERATOR Santa Fe Snyder Corporation				8. FARM OR LEASE NAME, WELL NO. Hackberry "6" Fed #1	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701				9. API WELL NO. 30-015-31020	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FEL Unit Ltr (J) At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Avalon Bone Spring N Hackberry 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T 19S, R 31E	
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Eddy	
13. STATE NM					
15. DATE SPUDDED 4/24/00	16. DATE T.D. REACHED 5/31/00	17. DATE COMPL. (Ready to prod.) 8/13/00	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3534 GR		19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 12,272'	21. PLUG, BACK T.D., MD & TVD 11,450'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS XX	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 6573 - 6594 Bone Spring					25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN					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
20"		72'	26"	5 1/2 yds	
13 3/8"	48#	600	17 1/2"	550 sx 65/35/6 + C (surface)	
8 5/8"	32 & 24#	3200'	11 "	1250 sx (surface)	
5 1/2"	17#	12,272'	7 7/8"	1125 sx C1 - C	

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"	6450	6450

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
12-138-12,150 CIBP @ 12,110' W/ 19' cmt				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
11,806-11,990' CIBP @ 11,450' W/ 60' cmt				6573 - 6594'		Frac W 261 bbl pad, 62,800# 16/30	
6573 - 6594' (63 holes)						Ottawa sd & 29,020# 16/30 CR 4000	
(ORIG. SGD.) GARY GOURLE						Sand	

33.* PRODUCTION							
DATE FIRST PRODUCTION 8/13/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/22/00	HOURS TESTED 24	CHOKE SIZE 21/64	PROD'N. FOR TEST PERIOD	OIL - BBL. 80	GAS - MCF. 1578	WATER - BBL. 21	GAS - OIL RATIO 19,725
FLOW. TUBING PRESS. 850	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL. 80	GAS - MCF. 1578	WATER - BBL. 21	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 Diviation Rpt, Logs
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brian X. Kaurilly TITLE Regulatory Specialist DATE 8/29/00

*(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, flowing and shut-in pressures, and recoveries):	38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
				San Andres	3952
				Delaware	4306
				Bone Spring	6306
				Bone Spring	7732
				Frist Sand	
				Wolfcamp	9904
				Strawn	10892
				Morrow	11390
				Morrow Clastics	11752