STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [ ] Fee [X]
5. State Oil & Gas Lease No.:

1a. TYPE OF WELL
b. TYPE OF COMPLETION: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: J.A. Akens
9. Well No.: 13
10. Field and Pool, or Wildcat: Hardy Drinkard

2. Name of Operator: Sun Exploration & Production Company
3. Address of Operator: P.O. Box 1861, Midland, Texas 79702
4. Location of Well: UNIT LETTER O LOCATED 2310 FEET FROM THE South LINE AND 330 FEET FROM THE East LINE OF SEC. 3 TWP. 21S RGE. 36E NMPM
12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
8/29/86	9/17/86	9/18/86	3530.9' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6950	6944'		→	X	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 6848'-6912' Drinkard
25. Was Directional Survey Made: only No-inclination
26. Type Electric and Other Logs Run: DIL, DSN, GR-CCL
27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48,54.5,61,&68	404'	17½"	475 sks "C"	228 circ. to surf
8-5/8"	24#	2690'	11"	1150 sks "C"	305 circ to surf.
5½"	15.50 & 17#	6950	7-7/8"	1050 sks Lite 50/50 poz	TOC 2700'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number): Drinkard 6848'-6912', 1 JSPF, 52 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6848-6912'	Acidzd w/6000 gls 20% NEFE

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
10/2/86	Flowing	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
10/10/86	24	18/64"		10	699	142	69,900/1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
225#						42

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold
Test Witnessed By: Milton Puckett
35. List of Attachments: C-104, C-116, C-103-csg., Inclination Report

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [signature] TITLE Associate Accountant DATE 10/14/86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1249	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1500	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2700	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2535	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2879	T. Devonian		T. Menefee		T. Madison	
T. Queen	3350	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3642	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3882	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	5182	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry	5798	T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard	6538	T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 6550 to 6950 No. 4, from ..... to .....

No. 2, from 5182 to 5600 No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1249	1249	Surface Rock (Redbeds (Aliche)				
1249	2535	1286	Anhydrite, Salt				
2535	3642	1107	Interbedded Sands, Salts Lime & Shale				
3642	5000	1358	Dolomite, Shale				
5000	5182	182	Limestone, Shale				
5182	TD	1768	Dolomite, Sand				