

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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RECEIVED BY
OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
OCT 24 1985
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
ARTESIA, OFFICE

Form C-105
Revised 10-1-78
API-30-015-25373

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

1a. TYPE OF WELL **Botm**
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
Magnolia State

9. Well No.
2

10. Field and Pool, or Wildcat
Und. Artesia Q (Grbg) S.

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 N LOCATED 330 FEET FROM THE South LINE AND 2160 FEET FROM

12. County
Eddy

THE West LINE OF SEC. 6 TWP. 19S RGE. 28E NMPM
15. Date Spudded 9/5/85 16. Date T.D. Reached 9/9/85 17. Date Compl. (Ready to Prod.) 9/9/85 18. Elevations (DF, RKB, RT, GR, etc.) 3521.5' GL

19. Elev. Casinghead

20. Total Depth 2352 21. Plug Back T.D. 2160 22. If Multiple Compl., How Many X 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing interval(s), of this completion - Top, Bottom, Name
2233-2266 San Andres 1848-1900 Grayburg

25. Was Directional Survey Made

26. Type Electric and Other Logs Run
GR/CCL GR/CN-CDL, BHC Sonic

27. Was Well Cored

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	365	12 1/4	250 sks CL 'C'	
5 1/2	14#	2352	7-7/8	500 sks 'C' Lite & CL 'C'	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	1746

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2233-2266, 2 JSPF, 27 holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1848-1900, 2 JSPF, 56 holes		2233-66	Acdzd w/1400 gals 20% DS-30
		1848-1900	Acdzd w/3000 gals 15% DS-30
		1848-1900	Fracd w/50000 gals Mini-Max
			340 carrying 97000# 12/20 sd

33. PRODUCTION
Date First Production 9/25/85 Production Method (Flowing, gas lift, pumping - Size and type pump) 10x64x1 1/2 Well Status (Prod. or Shut-in) Producing
Date of Test 10/16/85 Hours Tested 24 Choke Size 6 Prod'n. For Test Period 1 Oil - Bbl. 9 Gas - MCF 167 Water - Bbl. 35.4 Gas - Oil Ratio
Flow Tubing Press. 35.4 Casing Pressure 35.4 Calculated 24-Hour Rate 35.4 Oil - Bbl. 35.4 Gas - MCF 35.4 Water - Bbl. 35.4 Oil Gravity - API (Corr.) 35.4

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By

35. List of Attachments
C104, Deviation Survey

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 Helma Rauer TITLE Sr. Accounting Assistant DATE 10/18/85

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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt 168 (+3367)	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt 416 (+3119)	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 505 (+3030)	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 875 (+2660)	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 1458 (+2077)	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 1795 (+1740)	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 2190 (+1345)	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	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 1879 (+1656) to 1912 (+1623)	No. 4, from _____ to _____
No. 2, from _____ to _____	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
168	416	248	Salado				
416	505	89	Tansill				
505	875	370	7-Rivers				
875	1256	381	Upper Yates				
1256	1268	12	Bowers Sd #1				
1286	1297	11	Bowers Sd #2				
1297	1458	161	Lower Yates				
1458	1795	337	Queen				
1795	1879	84	Grayburg "R"				
1879	1912	33	Loco Hills Sd				
1912	2190	278	Grayburg "C"				
2190	TD	?	San Andres				



R.D.C., INCORPORATED

Petroleum Exploration • Drilling • Production

VERIFICATION OF DEVIATION SURVEYS

WELL NAME AND NUMBER MAGNOLIA STATE #2
LOCATION SEC 6, T12S, R28E
OPERATOR SUN EXPLORATION & PRODUCTION CO
DRILLING CONTRACTOR RHYMES DRILLING COMPANY, INC

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

DEGREES OF DEVIATION/
AT A DEPTH OF:

1/2 @ 364'
3/4 @ 864'
1 @ 1373'
1 @ 1866'
1 1/2 @ 2066'
1 @ 2350'

DEGREES OF DEVIATION/
AT A DEPTH OF:

DRILLING CONTRACTOR: RHYMES DRILLING COMPANY, INC

BY: L L LIVEOAK

SIGNATURE: *L L Liveoak*

[Signature]
NOTARY PUBLIC

MY COMMISSION EXPIRES: 2/28/87

Rhymes Drilling Company, Inc.
P.O. Box 729 • Roswell, New Mexico 88201