

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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ARTESIA OFFICE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Fields 8

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat - Also

12. County

DeBaca

1a. TYPE OF WELL **Bam**

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Diamond Shamrock Exploration Co. ✓

3. Address of Operator

P.O. Box 400, Amarillo, TEXAS 79188-0001

4. Location of Well

UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROMTHE East LINE OF SEC. 8 TWP. 1S RGE. 22E NMPM

15. Date Spudded 11-4-84 16. Date T.D. Reached 11-17-84 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 4416' Gr 19. Elev. Casinghead

20. Total Depth 4000' 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools 0' - 4000'

24. Producing Interval(s), of this completion - Top, Bottom, Name 25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run 27. Was Well Cored

DLL/MSFL BMC CNL/LDT NGT (Schlumberger)

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#/ft	604'	17 1/2"	350 sks	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

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

Date of Test Hours Tested Choke Size Prod'n. Per Test Period Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio

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

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

Post FD-2
3-1-85
P+R

35. List of Attachments

Deviation Record, Summary of SDTs #1, 2, & 3

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 Craig Mickleberry TITLE Drlg. Engineer III DATE 2-21-85

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 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 2305 _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 2675 _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 3335 _____	T. L Clearfork 2485 _____	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 _____ to _____	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
0	782	782	Anhydrite				
782	2271	1489	Dolomite, Shale & Anhydrite				
2271	3395	1124	Dolomite, Sand, Anhydrite and Shale				
3395	4000	605	Sand & Shale				

DST SUMMARY

Fields #1-8
DeBaca Co., New Mexico

DST #1 3756' - 3770'
 TIM Set Pkrs. Lost seat
 TOM w/tools No test

DST #2 3756' - 3770'
 TIM Set Pkrs Lost seat
 TOM w/tools No test

DST #3 3760' - 3775'
 Times 30/90/60/120
 IFP 25/63 FFP 38/75 SIP 1738/1700
 D.P. Rec'y = 103' Drlg. Mud
 Sampler - 500 cc. water
 1500 cc. Mud @ psi

DEVIATION RECORD

Fields #1-8
DeBaca Co., New Mexico

<u>DEPTH</u>	<u>ANGLE</u>
346'	$1/4^{\circ}$
617'	$3/4^{\circ}$
1800'	$1\ 1/2^{\circ}$
2421'	2°
2915'	$1\ 1/2^{\circ}$
3472'	$1\ 1/4^{\circ}$
4000'	$1\ 1/2^{\circ}$