

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-33924
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Hardy 36 State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐		8. Well No. 15	
2. Name of Operator Conoco, Inc.		9. Pool name or Wildcat Hardy-Simpson-Ellenburger	
3. Address of Operator 10 Desta Drive, Suite 100W, Midland, Texas 79705			
4. Well Location Unit Letter <u>N</u> : <u>990</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>20-S</u> Range <u>37-E</u> NMPM Lea County			
10. Date Spudded 4-23-97	11. Date T.D. Reached 5-20-97	12. Date Compl. (Ready to Prod.) 6-27-97	13. Elevations (DF& RKB, RT, GR, etc.) 3489'
14. Elev. Casinghead			
15. Total Depth 10340'	16. Plug Back T.D. 10298'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐
19. Producing Interval(s), of this completion - Top, Bottom, Name Connell: 10274 - 10254'; Lower McKee: 10129 - 10163'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR/CBL/CCL			22. Was Well Cored No

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 #	441'	17-1/2"	480 sx	None
8-5/8"	32 #	3832'	12-1/4"	1135 sx	None
5-1/2"	17 #	10340'	7-7/8"	2120 sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	10233'	

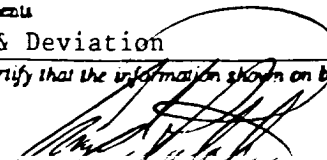
26. Perforation record (interval, size, and number) 2 SPF from 10250-54'; 10274-82' 2 SPF from 10129-37'; 10157-63'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	10250 - 10282'	25 bbls 7.5% HCL, 124 bbls SFG / 18,100# 20/40 RCS
	10129 - 10163'	36 bbls 7.5% HCL, 365 bbls SFG / 18,100# 16/30 RCS

28. PRODUCTION							
Date First Production 6-27-97		Production Method (Flowing, gas lift, pumping, etc. and type pump) Pumping				Well Status (Prod or Shut-in) Producing	
Date of Test 6-27-97	Hours Tested 24	Choke Size -	Prod'n For Test Period	Oil - Bbl. 60	Gas - MCF 110	Water - Bbl. 91	Gas - Oil Ratio 1833
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sales	Test Witnessed By
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30. List Attachments Logs & Deviation
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31. 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

Signature  Printed Name Ann E. Ritchie Title Regulatory Agent Date 7-28-97

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 25 through 29 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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen 3525
T. Grayburg 3790
T. San Andres 4014
T. Glorieta 5208
T. Paddock _____
T. Blinbry 5762
T. _____ 6304
T. Drinkard 6589
T. Abo 6887
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn 7544
T. Atoka _____
T. Miss _____
T. Devonian 7962
T. Silurian _____
T. Montoya 9307
T. Simpson 9630
T. McKee 9967
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Ortiz _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3526 to 3534
No. 2, from 3671 to 3676
No. 3, from 3913 to 3920
No. 4, from 4025 to 4034

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
3284	3668	384	50% Anhydrite - 50% Dol.	7962	9350	1388	100% Dolomite
3668	4460	792	100% Dolomite	9350	9640	290	95% LS & 5% Chert
4460	4930	470	100% Limestone	9640	9966	326	60% LS, 30% Shale & 10% Sand
4930	5250	320	80% Dolomite - 20% LS	9966	10340	374	5% LS, 40% Sand & 55% Shale
5250	5600	350	100% Dolomite				
5600	5710	110	70% Dolomite - 30% Sand				
5710	6900	1190	100% Dolomite				
6900	7100	200	80% Dolomite - 20% LS				
7100	7544	444	100% Dolomite				
7544	7900	356	80% LS, 10% Shale & 10% Chert				
7900	7962	62	60% LS & 40% Shale				