

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator		Discovery Operating, Inc.		9. Well No.	
3. Address of Operator		800 N. Marienfeld, Suite 100, Midland, Texas 79701		#1	
4. Location of Well		UNIT LETTER C LOCATED 330 FEET FROM THE North LINE AND 1680 FEET FROM THE West LINE OF SEC. 2 TWP. 17-S RGE. 38-E NMPM		10. Field and Pool, or Wildcat	
				Knowles (Devonian)	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	
3/24/83		5/15/83		July 2, 1983	
18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead			
GR - 3700'		3702'			
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
12,690'		12,494'		No	
23. Intervals Drilled By		Rotary Tools		Cable Tools	
		XX			
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made	
Devonian - 12,339-12,494'				Yes	
26. Type Electric and Other Logs Run				27. Was Well Cored	
Welex: Compensated Density Dual Spaced Neutron; Dual Induction Guard				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	54.50	400'	17 1/2"	450 sx Class C	-0-
8 5/8	32.24	4800'	11"	300 Class C, 1500 sx Lite	-0-
5 1/2	17	12525'	7 7/8"	175 sx Class H	-0-
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2 7/8
					12,230
					12,198
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
12,341-12,413 (72') - 28 shots			DEPTH INTERVAL		
12,351-12,399 (48') - Reperforated 11 shots			AMOUNT AND KIND MATERIAL USED		
			12,341-12,413 1200 gals. 15% MCA acid		
			12,341-12,413 2500 gals. 15% NEA acid		
33. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
June 20, 1983		Swabbing		Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
July 2, 1983	15 hrs.	N/A		93	20
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
N/A	0		149	32	117
34. Disposition of Gas (Sold, used for fuel, vented, etc.)				Test Witnessed By	
Vented				W. Jeffrey Sparks	
35. List of Attachments					
Directional Survey					
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		TITLE		DATE	
John B. Sparks		Vice President		7/19/83	

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 GROUPS 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 <u>3253</u>	T. Miss <u>11667</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <u>12339</u>	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>5085</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>6419</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry <u>6570</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>8130</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>9185</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>10296</u>	T. Woodford Shale - <u>12324</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Pennian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 12,339 to 12,494 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	2112	2112	red bed				
2112	3132	1020	salt anhydrite				
3132	3253	121	sand shale				
3253	5085	1832	lime dolomite				
6419	6570	151	siltstone, dolomite				
8130	9185	1055	lime dolomite				
9185	9280	95	shale				
9280	10296	1016	lime dolomite				
10296	11667	1371	lime dolomite				
11667	12324	657	lime, dolomite, shale				
12324	12339	15	shale				
12339	12690	751	dolomite				

RECEIVED
JUL 21 1983
HOBBS