

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

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

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

1. 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 Alma Shields	
2. Name of Operator N. Dale Nichols				9. Well No. 7	
3. Address of Operator P.O. Box 1972, Midland, Texas 79702-1972				10. Field and Pool, or Wildcat ACME (San Andres)	
4. Location of Well				12. County Chaves	
UNIT LETTER <u>N</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM <u>West</u> LINE OF SEC. <u>33</u> TWP. <u>7S</u> RGE. <u>27E</u> NMFM					
15. Date Spudded 12-4-87	16. Date T.D. Reached 1-15-88	17. Date Compl. (Ready to Prod.) 2-14-88	18. Elevations (DF, RKB, RT, GR, etc.) 4001 GL	19. Elev. Casinghead 4000 GL	
20. Total Depth 1982	21. Plug Back T.D. 1982	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary	25. Was Directional Survey Made Yes	
24. Producing Interval(s), of this completion - Top, Bottom, Name 1932' to 1982' San Andres P1 Zone				27. Was Well Cored NO	
26. Type Electric and Other Logs Run Compensated Neutron, Compensated Density & Dual Induction					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	26.40	285'	9 7/8"	175 Sacks	0
5 1/2"	17.00	1932'	6 3/4"	125 Sacks	0
----	----	1982'	4 3/4"	Open Hole	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2 3/8"	1921' 1960'
31. Perforation Record (Interval, size and number) 1932' to 1982' Open Hole				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL	
				AMOUNT AND KIND MATERIAL USED	
				1932' to 1982' 1500 Gal 28% HCL	
				1932' to 1982' 20000 Gal Jelled Diesel/29600# Sand	
33. PRODUCTION					
Date First Production 3-12-88		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" X 10' Insert Pump			Well Status (Prod. or Shut-in) Prod.
Date of Test 3-20-88	Hours Tested 24	Choke Size N/A	Prod'n. For Test Period 22	Oil - Bbl. 3.3	Gas - MCF 16
Flow Tubing Press. 10	Casing Pressure 0	Calculated 24-Hour Rate 22	Oil - Bbl. 3.3	Gas - MCF 16	Water - Bbl. 24
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented					Test Witnessed By Mr. Nichols
35. List of Attachments Logs					
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 <u>John E. Nichols</u>			TITLE <u>Production Technician</u>		DATE <u>4-19-88</u>

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 _____ 304'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 944'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1365'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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 _____ 1932' _____ to _____ 1982' _____	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	270'	270'	Hard Red Sand				
270'	300'	30'	Anhydrite				
300'	385'	85'	Blue Shale and Gray Sand				
385'	975'	490'	Anhydrite and Salt				
975'	990'	15	Gray and Red Sand				
990'	1000'	10	Anhydrite				
1000'	1365'	365'	Hard Red Sand				
1365'	1930'	565'	Anhy. Dolo. & Gyp				
1930'	1982'	52'	Dolomite				

DEVEATION TEST

RECEIVED

MAR 30 '88

S. C. D.
AESTESIA, OFFICE

OPERATOR : N. Dale Nichols ✓
ADDRESS : P.O. Box 1972
CITY & STATE: Midland, Texas 79702

LEASE NAME : Alma Shields
WELL NUMBER : 7
LOCATION : Unit N, 990' FSL, 1650 FWL, Sec. 33, Township 7S,
Range 27E
POOL : ACME (San Andres)
COUNTY : Chaves

TEST RESULTS

FEET	DEVEATION IN DEGREES
285	3/4
995	3/4
1600	1
1932	1 1/4


SIGNATURE
Production Technician

3-29-88

DATE

TITLE


NOTARY OF PUBLIC

3-21-92

COMMISSION EXPIRES

