

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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OPERATOR	

86M

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
IG-7425

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR.

7. Unit Agreement Name
N/A

8. Farm or Lease Name
Hanlad State Batt. #1

9. Well No.
4

10. Field and Pool, or Wildcat
Diablo San Andres

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APR 29 1987
O. C. D.
ARTESIA, OFFICE

2. Name of Operator
Hanson Operating Company, Inc.

3. Address of Operator
P. O. Box #1515, Roswell, New Mexico 88202-1515

4. Location of Well
UNIT LETTER D LOCATED 662 FEET FROM THE North LINE AND 589 FEET FROM

THE West LINE OF SEC. 27 TWP. 10-S RGE. 27-E NMPM

12. County
Chaves

15. Date Spudded 12/31/86 16. Date T.D. Reached 04/10/87 17. Date Compl. (Ready to Prod.) 04/20/87 18. Elevations (DF, RKB, RT, GR, etc.) 3846' GR 19. Elev. Casinghead

20. Total Depth 2130' 21. Plug Back T.D. 2126' 22. If Multiple Compl., How Many N/A 23. Intervals Drilled By: Rotary Tools Cable Tools 0 - 2130'

24. Producing Interval(s), of this completion - Top, Bottom, Name
2079-2122' - San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Compensated Neutron Gamma Ray

27. Was Well Cored
No

28. 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#	498'	12"	200 sx Lite, 200 sx "C"-Circ	100 sx to pit
5-1/2"	14&15#	2130'	8"	250 sx Lite, 200 sx 50/50 POZ "C" - Circ	65 sx to pit.

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	2124'	N/A

30. TUBING RECORD

31. Perforation Record (Interval, size and number)
2079-2122' (18 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>2079-2122'</u>	<u>2000 gal 20% NeFe acid w/additives</u>

33. PRODUCTION

Date First Production 04/22/87 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 x 1 1/2 x 12 RHIC Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>04/25/87</u>	<u>24</u>			<u>35</u>	<u>13</u>	<u>0</u>	<u>371/1</u>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
			<u>35</u>	<u>13</u>	<u>0</u>	<u>23.5</u>

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

35. List of Attachments
Form C-129 & Form C-104

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 Brenda R. Hodsey TITLE Production Analyst DATE 04/28/87

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in 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 _____ 450' | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| T. 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 _____ 920' | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ 1462' | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| 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 _____ 2070' to _____ 2130' TD
- No. 2, from _____ to _____
- No. 3, from _____ to _____
- No. 4, from _____ to _____
- No. 5, 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
Surf	450'	450'	Red beds & blow sand				
450'	920'	470'	Salt, anhy, red shale streaks				
920'	1462'	542'	Red shale, red sand				
1462'	2070'	608'	Dolomite, occasional streaks anhy				
2070'	2130'	60'	Dolomite w/oil shows				
	TD						