

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2081
SANTA FE, NEW MEXICO 87501

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

TYPE OF WELL

OIL WELL ☒GAS WELL ☐WATER ☐OTHER ☐

TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐REPER ☐PLUG BACK ☐REPER ☐OTHER ☐

Name of Operator

Hates Petroleum Corporation

Address of Operator

207 South 4th St., Artesia, NM 88210

Location of Well

LETTER E

LOCATED 1980

FEET FROM THE North

West

LINE OF SEC. 36

TWP. 7S

R. 31E

Date Spudded

9-18-81

16. Date T.D. Reached

9-26-81

17. Date Sp. Ready to Prod.

10-2-81

Total Depth

4200'

21. Plug Back T.D.

4184'

Producing Interval(s), of this completion - Top, Bottom, Range

3974-4143' San Andres

Type Electric and Other Logging

Gamma Ray-Neutron

CASING RECORD (Report all sizes of casing used)

CASING SIZE	WEIGHT LB./FT.	DEPTH-FT.	HOLE SIZE	CEMENTING REQUIRED	AMOUNT PULLED
8-5/8"	23#	1698'	14-3/4"	650	
4-1/2"	9.5#	4195'	7-7/8"	300	

LINER RECORD

SIZE	TOP	BOTTOM	ADJUSTMENT	SCREEN	SIZE	DEPTH-FT.	PACKER SET
					2-3/8"	4144'	

Perforation Record (Interval, size and number)

3974-4143' w/38 .41" holes

Acidizing and Other Treatment

3974-4143'
Acidized w/5500 gal. 20% NEFE acid & ball sealers.

PRODUCTION

First Production 10-2-81		Production Method (Electric, gas lift, pumping, etc.) Pumping				Well Status (Producing, Shut-in) Producing	
Date of Test 10-7-81	Hours Tested 24	Choke Size 2"	Flow Rate Test Interval →	Oil - bbl./hr. 91	Gas - MCF 28	Water - BBL 9	Oil - Gal/hr. 308/1
Tubing Press. 25#	Casing Pressure 25#	Calculated 24- Hour Rate →	Oil - bbl./hr. 91	Gas - MCF 28	Water - BBL 9	Oil - Gal/hr. (Cont.) 29	
Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Name (if any) Bill Hansen	

List of Attachments

Deviation Survey

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 *William L. Doolittle*

TITLE Engineering Secretary

DATE 10-9-81

INSTRUCTIONS.

[illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH 6.0.0.0, 6.1.0.0, 6.2.0.0, 6.3.0.0, 6.4.0.0, 6.5.0.0, 6.6.0.0, 6.7.0.0, 6.8.0.0, 6.9.0.0, 6.10.0.0, 6.11.0.0, 6.12.0.0, 6.13.0.0, 6.14.0.0, 6.15.0.0, 6.16.0.0, 6.17.0.0, 6.18.0.0, 6.19.0.0, 6.20.0.0, 6.21.0.0, 6.22.0.0, 6.23.0.0, 6.24.0.0, 6.25.0.0, 6.26.0.0, 6.27.0.0, 6.28.0.0, 6.29.0.0, 6.30.0.0, 6.31.0.0, 6.32.0.0, 6.33.0.0, 6.34.0.0, 6.35.0.0, 6.36.0.0, 6.37.0.0, 6.38.0.0, 6.39.0.0, 6.40.0.0, 6.41.0.0, 6.42.0.0, 6.43.0.0, 6.44.0.0, 6.45.0.0, 6.46.0.0, 6.47.0.0, 6.48.0.0, 6.49.0.0, 6.50.0.0, 6.51.0.0, 6.52.0.0, 6.53.0.0, 6.54.0.0, 6.55.0.0, 6.56.0.0, 6.57.0.0, 6.58.0.0, 6.59.0.0, 6.60.0.0, 6.61.0.0, 6.62.0.0, 6.63.0.0, 6.64.0.0, 6.65.0.0, 6.66.0.0, 6.67.0.0, 6.68.0.0, 6.69.0.0, 6.70.0.0, 6.71.0.0, 6.72.0.0, 6.73.0.0, 6.74.0.0, 6.75.0.0, 6.76.0.0, 6.77.0.0, 6.78.0.0, 6.79.0.0, 6.80.0.0, 6.81.0.0, 6.82.0.0, 6.83.0.0, 6.84.0.0, 6.85.0.0, 6.86.0.0, 6.87.0.0, 6.88.0.0, 6.89.0.0, 6.90.0.0, 6.91.0.0, 6.92.0.0, 6.93.0.0, 6.94.0.0, 6.95.0.0, 6.96.0.0, 6.97.0.0, 6.98.0.0, 6.99.0.0, 7.0.0.0, 7.1.0.0, 7.2.0.0, 7.3.0.0, 7.4.0.0, 7.5.0.0, 7.6.0.0, 7.7.0.0, 7.8.0.0, 7.9.0.0, 7.10.0.0, 7.11.0.0, 7.12.0.0, 7.13.0.0, 7.14.0.0, 7.15.0.0, 7.16.0.0, 7.17.0.0, 7.18.0.0, 7.19.0.0, 7.20.0.0, 7.21.0.0, 7.22.0.0, 7.23.0.0, 7.24.0.0, 7.25.0.0, 7.26.0.0, 7.27.0.0, 7.28.0.0, 7.29.0.0, 7.30.0.0, 7.31.0.0, 7.32.0.0, 7.33.0.0, 7.34.0.0, 7.35.0.0, 7.36.0.0, 7.37.0.0, 7.38.0.0, 7.39.0.0, 7.40.0.0, 7.41.0.0, 7.42.0.0, 7.43.0.0, 7.44.0.0, 7.45.0.0, 7.46.0.0, 7.47.0.0, 7.48.0.0, 7.49.0.0, 7.50.0.0, 7.51.0.0, 7.52.0.0, 7.53.0.0, 7.54.0.0, 7.55.0.0, 7.56.0.0, 7.57.0.0, 7.58.0.0, 7.59.0.0, 7.60.0.0, 7.61.0.0, 7.62.0.0, 7.63.0.0, 7.64.0.0, 7.65.0.0, 7.66.0.0, 7.67.0.0, 7.68.0.0, 7.69.0.0, 7.70.0.0, 7.71.0.0, 7.72.0.0, 7.73.0.0, 7.74.0.0, 7.75.0.0, 7.76.0.0, 7.77.0.0, 7.78.0.0, 7.79.0.0, 7.80.0.0, 7.81.0.0, 7.82.0.0, 7.83.0.0, 7.84.0.0, 7.85.0.0, 7.86.0.0, 7.87.0.0, 7.88.0.0, 7.89.0.0, 7.90.0.0, 7.91.0.0, 7.92.0.0, 7.93.0.0, 7.94.0.0, 7.95.0.0, 7.96.0.0, 7.97.0.0, 7.98.0.0, 7.99.0.0, 8.0.0.0, 8.1.0.0, 8.2.0.0, 8.3.0.0, 8.4.0.0, 8.5.0.0, 8.6.0.0, 8.7.0.0, 8.8.0.0, 8.9.0.0, 8.10.0.0, 8.11.0.0, 8.12.0.0, 8.13.0.0, 8.14.0.0, 8.15.0.0, 8.16.0.0, 8.17.0.0, 8.18.0.0, 8.19.0.0, 8.20.0.0, 8.21.0.0, 8.22.0.0, 8.23.0.0, 8.24.0.0, 8.25.0.0, 8.26.0.0, 8.27.0.0, 8.28.0.0, 8.29.0.0, 8.30.0.0, 8.31.0.0, 8.32.0.0, 8.33.0.0, 8.34.0.0, 8.35.0.0, 8.36.0.0, 8.37.0.0, 8.38.0.0, 8.39.0.0, 8.40.0.0, 8.41.0.0, 8.42.0.0, 8.43.0.0, 8.44.0.0, 8.45.0.0, 8.46.0.0, 8.47.0.0, 8.48.0.0, 8.49.0.0, 8.50.0.0, 8.51.0.0, 8.52.0.0, 8.53.0.0, 8.54.0.0, 8.55.0.0, 8.56.0.0, 8.57.0.0, 8.58.0.0, 8.59.0.0, 8.60.0.0, 8.61.0.0, 8.62.0.0, 8.63.0.0, 8.64.0.0, 8.65.0.0, 8.66.0.0, 8.67.0.0, 8.68.0.0, 8.69.0.0, 8.70.0.0, 8.71.0.0, 8.72.0.0, 8.73.0.0, 8.74.0.0, 8.75.0.0, 8.76.0.0, 8.77.0.0, 8.78.0.0, 8.79.0.0, 8.80.0.0, 8.81.0.0, 8.82.0.0, 8.83.0.0, 8.84.0.0, 8.85.0.0, 8.86.0.0, 8.87.0.0, 8.88.0.0, 8.89.0.0, 8.90.0.0, 8.91.0.0, 8.92.0.0, 8.93.0.0, 8.94.0.0, 8.95.0.0, 8.96.0.0, 8.97.0.0, 8.98.0.0, 8.99.0.0, 9.0.0.0, 9.1.0.0, 9.2.0.0, 9.3.0.0, 9.4.0.0, 9.5.0.0, 9.6.0.0, 9.7.0.0, 9.8.0.0, 9.9.0.0, 10.0.0.0, 10.1.0.0, 10.2.0.0, 10.3.0.0, 10.4.0.0, 10.5.0.0, 10.6.0.0, 10.7.0.0, 10.8.0.0, 10.9.0.0, 10.10.0.0, 10.11.0.0, 10.12.0.0, 10.13.0.0, 10.14.0.0, 10.15.0.0, 10.16.0.0, 10.17.0.0, 10.18.0.0, 10.19.0.0, 10.20.0.0, 10.21.0.0, 10.22.0.0, 10.23.0.0, 10.24.0.0, 10.25.0.0, 10.26.0.0, 10.27.0.0, 10.28.0.0, 10.29.0.0, 10.30.0.0, 10.31.0.0, 10.32.0.0, 10.33.0.0, 10.34.0.0, 10.35.0.0, 10.36.0.0, 10.37.0.0, 10.38.0.0, 10.39.0.0, 10.40.0.0, 10.41.0.0, 10.42.0.0, 10.43.0.0, 10.44.0.0, 10.45.0.0, 10.46.0.0, 10.47.0.0, 10.48.0.0, 10.49.0.0, 10.50.0.0, 10.51.0.0, 10.52.0.0, 10.53.0.0, 10.54.0.0, 10.55.0.0, 10.56.0.0, 10.57.0.0, 10.58.0.0, 10.59.0.0, 10.60.0.0, 10.61.0.0, 10.62.0.0, 10.63.0.0, 10.64.0.0, 10.65.0.0, 10.66.0.0, 10.67.0.0, 10.68.0.0, 10.69.0.0, 10.70.0.0, 10.71.0.0, 10.72.0.0, 10.73.0.0, 10.74.0.0, 10.75.0.0, 10.76.0.0, 10.77.0.0, 10.78.0.0, 10.79.0.0, 10.80.0.0, 10.81.0.0, 10.82.0.0, 10.83.0.0, 10.84.0.0, 10.85.0.0, 10.86.0.0, 10.87.0.0, 10.88.0.0, 10.89.0.0, 10.90.0.0, 10.91.0.0, 10.92.0.0, 10.93.0.0,

Rustler

Southeastern New Mexico

- Northwest Stem: 1000-1500

T. Ally _____	1624	T. Canyon_____	T. Ally _____	T. Ally _____	T. Ally _____
T. Salit /Salado_____	1687	T. Strocks _____	T. Strocks _____	T. Strocks _____	T. Strocks _____
D. Salt_____		T. Arake _____	T. Arake _____	T. Arake _____	T. Arake _____
T. Yates_____	2090	T. Mist _____	T. Mist _____	T. Mist _____	T. Mist _____
T. 7 Rivers_____		T. Revents _____	T. Revents _____	T. Revents _____	T. Revents _____
T. Queen_____	2590	T. Salmon _____	T. Salmon _____	T. Salmon _____	T. Salmon _____
T. Grayburg_____	2910	T. Montoya _____	T. Montoya _____	T. Montoya _____	T. Montoya _____
T. San Andres _____	3226	T. San Andres _____	T. San Andres _____	T. San Andres _____	T. San Andres _____
T. Glacieta_____		T. McKen _____	T. McKen _____	T. McKen _____	T. McKen _____
T. Paddock_____		T. Elle-Danger _____	T. Elle-Danger _____	T. Elle-Danger _____	T. Elle-Danger _____
T. Blanebry_____		T. Gr. Bally _____	T. Gr. Bally _____	T. Gr. Bally _____	T. Gr. Bally _____
T. Tubb_____		T. Greene _____	T. Greene _____	T. Greene _____	T. Greene _____
T. Dunkard_____		T. Deleves North_____	T. Deleves North_____	T. Deleves North_____	T. Deleves North_____
T. Abo_____		T. Dans Spring_____	T. Dans Spring_____	T. Dans Spring_____	T. Dans Spring_____
T. Wolfcamp_____		T. _____	T. _____	T. _____	T. _____
T. Penn_____		T. _____	T. _____	T. _____	T. _____
T. Cisco (Dough C)_____		T. _____	T. _____	T. _____	T. _____

OIL OR GAS FIELD OR PLANT

No. 1, from to 11/11/11 to to
 No. 2, from to No. 1, from to
 No. 3, from to 11/11/11 to to

IMPORTANT NOTICE

Include data on rate of water inflow and elevation to which water rose in 1963.

No. 1, from feet.

No. 2, from feet.

No. 3, from feet.

No. 4, from feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1225	1225	Surface Gravel & Redbeds				
1225	1390	165	Anhydrite & Redbeds				
1390	1698	308	Redbeds				
1698	2601	903	Salt				
2601	2876	275	Salt & Anhydrite				
2875	4200	1324	Anhydrite				