

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

API #30-059-20046

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

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.
LG-2020

10. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER CARBON DIOXIDE

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

7. Unit Agreement Name

8. Farm or Lease Name

EXCEL

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

2. Name of Operator
HNG FOSSIL FUELS COMPANY

3. Address of Operator
P. O. Box 1188, Houston, Texas - 77001

4. Location of Well

UNIT LETTER F LOCATED 1939' FEET FROM THE North LINE AND 3300 FEET FROM THE East LINE OF SEC. 1 TWP. 31N RGE. 32E NMPM

12. County

Union

15. Date Spudded 5/11/80 16. Date T.D. Reached 5/17/80 17. Date Compl. (Ready to Prod.) 6/03/80 18. Elevations (DF, RKB, RT, GR, etc.) GR=5125', RKB=5135' 19. Elev. Casinghead 5125' (GR)

20. Total Depth 2475 21. Plug Back T.D. 950' (Cement) 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools 0'-2475' Cable Tools -

24. Producing Interval(s), of this completion - Top, Bottom, Name
688'-770'-Glorietta

25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
Dual Induction-Laterlog, Compensated Density & Neutron Log, Sonar Log, Temp

27. Was Well Cored
NO

28. CASING RECORD (Report all strings set in well) Survey, & Gamma Ray Log.

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8" O.D.	32.30	232' (RKB)	12-1/4"	175 Sacks Class "H"-Circulated	NONE
7" O.D.	20.00	2447' (RKB)	8-3/4"	125 Sacks Class "H"	NONE

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8" O.D.	737.00'	737.00'

31. Perforation Record (Interval, size and number)
0.48" Jets 2 SPF 688'-720' (GR) and 746'-770' (GR)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
998'-1000' (GR)	300 Sks. Haliburton Lite-Cmt.
behind 7" O.D. Csg. Cmt. cir. to Surface-PBTD950	
746'-770' (GR)	2000 gals. 15% NE HCl acid. For
mation Breakdown	Pressure=750 psi

Total: 56

33. PRODUCTION

Date First Production 6/03/80 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-in

Date of Test <u>6/13/80</u>	Hours Tested <u>24</u>	Choke Size <u>3/4"</u>	Prod'n. For Test Period <u>-</u>	Oil - Bbl. <u>NONE</u>	Gas - MCF <u>85</u>	Water - Bbl. <u>NONE</u>	Gas - Oil Ratio <u>N/A</u>
Flow Tubing Press. <u>3 psi</u>	Casing Pressure <u>5 psi</u>	Calculated 24-Hour Rate <u>-</u>	Oil - Bbl. <u>-</u>	Gas - MCF <u>85</u>	Water - Bbl. <u>None</u>	Oil Gravity - API (Corr.) <u>-</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
M. M. Walden

35. List of Attachments
Deviation Survey - Logs previously submitted

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 Michael R. [Signature] TITLE Production Analyst DATE June 17, 1980

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 _____	T. Miss @2118' (-3007')	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta @687' (-4438')	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 @2282' (-2843')	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo @1336' (-3789')	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Blaine @577' (-4548')	T. Chinle _____	T. _____
T. Penn. @1773' (-3352')	T. Canal Grove @1490' (-3635')	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	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'	199'	199'	Red Clay				
199'	283'	84'	Red Clay & Shale				
283'	780'	497'	Shale & Sand				
780'	1077'	297'	Sand				
1077'	1395'	318'	Sand & Shale				
1395'	1660'	265'	Sand & Clay				
1660'	2210'	550'	Red Shale & Sandstone				
2210'	2338'	128'	Red Shale & Quartzite				
2338'	2475'	137'	Quartzite & Shale (Total Depth)				
		<u>2475</u>	Total Depth				