

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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API #30-059-20046

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

Form C-105
Revised 10-1-78

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 <u>CARBON DIOXIDE</u>						7. Unit Agreement Name --					
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER						8. Farm or Lease Name EXCEL					
2. Name of Operator HNG FOSSIL FUELS COMPANY						9. Well No. 1					
3. Address of Operator P. O. Box 1188, Houston, Texas - 77001						10. Field and Pool, or Wildcat Wildcat					
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1939'</u> FEET FROM THE <u>North</u> LINE AND <u>3300</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>31N</u> RGE. <u>32E</u> 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 <u>0'-2475'</u> Cable Tools -		25. Was Directional Survey Made NO			
24. Producing Interval(s), of this completion - Top, Bottom, Name 688'-770'-Glorietta								27. Was Well Cored 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	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		PACKER SET	
										2-3/8" O.D. 737.00'	
31. Perforation Record (Interval, size and number) 0.48" Jets 2 SPF 688'-720' (GR) and 746'-770' (GR) Total: 56						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					
33. PRODUCTION											
Date First Production			Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)			
6/03/80			Flowing					Shut-in			
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.		Gas - MCF	
6/13/80		24		3/4"				NONE		85	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl.	
3 psi		5 psi				-		85		None	
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 <u>Michael R. [Signature]</u>						TITLE <u>Production Analyst</u>			DATE <u>June 17, 1980</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 _____	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				