

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

Form C-105
Revised 11-4-8

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

5a. Indicate Type of Lease	State ☒ Fee ☐
5b. State Oil & Gas Lease No.	L-6328

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☐	WORK OVER ☐ DEEPEN ☐
PLUG BACK ☒	DIFF. RESVR. ☒ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Vaca Draw 16 State

2. Name of Operator
HNG OIL COMPANY

9. Well No.
1

3. Address of Operator
P. O. Box 2267, Midland, Texas 79702

10. Field and Pool, or Wildcat
Wildcat Wolfcamp

4. Location of Well
UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM

11. County
Lea

THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>25S</u> RGE. <u>33E</u> NMPM

15. Date Spudded <u>PB</u>	16. Date T.D. Reached <u>2/16/82</u>	17. Date Compl. (Ready to Prod.) <u>2/25/82</u>	18. Elevations (DF, RKB, RT, GR, etc.) <u>3416' GR</u>	19. Elev. Casinghead <u>3416'</u>
----------------------------	--------------------------------------	---	--	-----------------------------------

20. Total Depth <u>16,075'</u>	21. Plug Back T.D. <u>13,816'</u>	22. If Multiple Compl., How Many	23. Intervals Drilled By <u>Rotary Tools</u>	Cable Tools
--------------------------------	-----------------------------------	----------------------------------	--	-------------

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
<u>13,714' - 13,753' (Wolfcamp)</u>	<u>No</u>

26. Type Electric and Other Logs Run	27. Was Well Cored
	<u>No</u>

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	560'	17-1/2"	300 Pacesetter lite & 250	C1 C Circ.
9-5/8"	36#	4924'	12-1/4"	2900 Pacesetter C lite & 500	C1C Circ.
7"	26#	13253'	8-1/2"	500 Pacesetter lite & 550	C1 H -

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	13,006'	16,072'	600 C1 H	-	2-7/8"	12,969'	PBR 12,969'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
13,714' - 13,719' (.33" 6)	DEPTH INTERVAL
13,746' - 13,753' (.33" 8)	AMOUNT AND KIND MATERIAL USED
	13714-13753 4500 gals 10% Morflo BC
	14248-14590 squeezed w/100 sx. C1 H

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
2-25-82		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/26/82	24	14/64"		0	520	0	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
450	-					-	

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

35. List of Attachments
Forms C-122 and 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 <u>Betty Gildon</u>	TITLE <u>Regulatory Analyst</u>	DATE <u>3/16/82</u>

INSTRUCTIONS

This form is to be filed with the proper District Office of the Commission not later than _____ 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 in the well and a summary of all special tests conducted, including well stem tests. All depths reported shall be measured together in the case of directionally drilled wells; true vertical depth shall also be reported. For multiple completions, 10 ms. to the depth 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where triplicates are required. Use Rule 115b.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
Rustler		Cherry					
T. Anhy	1090	T. Canyon	6090	T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn	14333	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	14480	T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Atoka Lime	14628	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Morrow Morrow	14888	T. Point Lookout		T. Elbert	
T. Grayburg		T. Morrow Morrow		T. Mancos		T. McCracken	
T. San Andres		T. Morrow Morrow	15100	T. Gallup		T. Ignacio Qtzite	
T. Glorieta		T. Simpson		T. Base Greenhorn		T. Granite	
T. Paddock		T. McKee		T. Dakota			
T. Blinberry		T. Ellenburger		T. Morrison			
T. Tubb		T. Gr. Wash		T. Todilto			
T. Drinkard		T. Granite	5013	T. Entrada			
T. Abo		T. Delaware Sand	5013	T. Wingate			
T. Wolfcamp	12220	T. Bone Springs	9500	T. Chinle			
T. Penn.		T. 3rd Bone Spring	11633	T. Permian			
T. Cisco (Bough C)		T. Cherry Canyon Marker	6325	T. Penn. "A"			

OIL OR GAS SANDS OR ZONES

No. 1, from	Morrow	15058	to	15718	No. 4, from		to	
No. 2, from	Atoka	14248	to	14757	No. 5, from		to	
No. 3, from	Wolfcamp	13714	to	13753	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	None	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	245	245	Sand & Redbed	8160	8458	298	Sd, Lm, Sh
245	790	230	Anhy	8458	8680	222	Sd, Lm
790	1390	600	Shale, Sd, Anhy	8680	9002	322	Sd, Lm
1390	2240	850	Salt, Anhy, Sh	9002	9205	203	Lm, Sh, Sd
2240	2950	710	Anhy, Salt	9205	9580	375	Lm, Sh
2950	3636	686	Anhy	9580	9967	377	Sh, Lm
3636	4022	386	Anhy, Lime, Sh	9967	10158	201	Lm, Sd, Sh
4022	4468	446	Anhy, Slat	10158	10450	292	Sh, Sd, Lm
4468	4937	469	Anhy, Lm	10450	10685	235	Lm, Sh, Sd
4937	4950	13	Anhy, Lm	10685	10801	116	Lm, Sh
4950	5355	405	Sd, Sh	10801	11157	356	Sh, Sd, Lm
5355	5955	600	Sd, Lm	11157	11510	353	Lm, Sh, Sd
5955	6630	675	Sd, Lm	11510	11795	285	Lm, Sh
6630	7205	575	Sd, Lm	11795	12108	313	Lm, Sh, Sd
7205	7701	496	Sand	12108	12497	389	Lm, Sh, Sd
7701	8160	459	Sd, Sh, Lm	12497	12900	403	Lm, Sh
				12900	13125	225	Sh, Lm, Sd

Continued

HNG OIL COMPANY
Vaca Draw 16 State, Well No. 1
1980' FNL & 660' FWL Sec, 16, T25S, R33E
Lea County, New Mexico

FORMATION RECORD CONTINUED

<u>From</u>	<u>To</u>	<u>Thickness in Feet</u>	<u>Formation</u>
13125	13250	125	Lm, Sd, Sh
13250	13464	214	Lm, Sh
13464	13586	122	Sh, Lm
13586	13655	69	Shale
13655	13712	57	Shale
13712	13770	58	Sh, Lm
13770	13802	32	Lime
13802	13840	40	Sh, Lm
13840	13883	43	Shale
13883	13938	55	Sh, Lm
13938	13983	45	Sh, Lm
13983	14000	17	Sh, Lm
14000	14032	32	Shale
14032	14062	30	Sh, Lm, Chert, Sd
14062	14103	41	Sh, Lm
14103	14135	32	Sh, Lm
14135	14151	16	Sh, Cht, Lm
14151	14192	41	Sh, Lm
14192	14225	33	Sh, Lm
14225	14260	35	Sh, Lm
14260	14327	67	Sh, Lm, Sd
14327	14360	33	Lm, Sh, Sd
14360	14400	40	Sh, Lm
14400	14422	22	Lm, Sh, Cht
14422	14536	114	Sh, Lm
14536	14586	10	Lm
14586	14838	252	Sh, Lm, Sd
14838	15095	257	Sh, Lm, Sd
15095	15099	4	Lm, Cht, Sh, Sd
15137	15238	101	Sh, Lm, Sd
15238	15305	67	Lm, Cht, Sd
15305	15402	97	Lm, Sh, Sd
15402	15576	174	Lm, Cht, Sd
15576	15667	91	Sh, Lm, Sd
15667	15709	42	Sd, Lm, Cht
15709	16012	303	Sd, Lm, Sh
16012	16075 TD	63	Sh, Sd

RECEIVED

11/18/82

WCBIS OFFICE