



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

June 9, 1986

50 YEARS



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

HNG Oil Company
P. O. Box 2267
Midland, Texas 79702

Attention: Betty Gildon

Administrative Order TX-161

Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 10,727 feet in the following well:

Well Name and Number: San Simon 5 State Well No. 2

Location: Unit G, Sec. 5, Township 22 South, Range 35
East, NMPM, Lea County

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours,

R. L. STAMETS,
Division Director

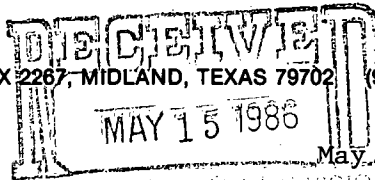
RLS/MES/h

cc: Oil Conservation Division - Hobbs

PV2V 2005134509



P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 686-3600



May 13, 1986

OIL CONSERVATION DIVISION
SANTA FE

Oil Conservation Division

P. O. Box 2088

State Land Office Bldg.

Santa Fe, NM 87501

Attn: Mr. R. L. Stamets

Division Director

In Re: San Simon 5 State #2 (LG-4135)

1980' FNL & 1980' FEL, Sec. 5, T22S, R35E

Lea County, New Mexico

Dear Mr. Stamets:

Tubing for the above-named well has been set at 10,727 feet, and casing perforated from 11,073 to 11,142 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Betty Gildon

Betty Gildon
Regulatory Analyst

bg

enclosures

Plugged back from East Grama Ridge /Morrow/

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LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-84

3a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	LG-4135

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name San Simon 5 State
2. Name of Operator HNG OIL COMPANY		9. Well No. 2
3. Address of Operator P. O. Box 2267, Midland, Texas 79702		10. Field and Pool, or Wildcat San Simon /Wolfcamp/
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>5</u> TWP. <u>22S</u> RGE. <u>35E</u>		11. County Lea
15. Date Spudded 11-26-83	16. Date T.D. Reached 1-14-84	17. Date Compl. (Ready to Prod.) Plugged back 5/6/86
18. Elevations (DF, RAB, RT, GR, etc.) 3621.2' GR		19. Elev. Casinghead 3621.2'
20. Total Depth 13,250	21. Plug Back T.D. 12,500	22. If Multiple Compl., How Many Many
23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐		24. Producing Interval(s), of this completion - Top, Bottom, Name 11,073- 11,142 (Wolfcamp)
25. Type Electric and Other Logs Run None		26. Was Directional Survey Made No
27. Was Well Cored No		

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61#	1075'	17-1/2"	965 sx. C1 C	Circulated
9-5/8"	36# & 40#	5750'	12-1/4"	1975 sx. HLC & 1375 C1 C	Circulated
7"	23#	10975'	8-1/2"	350 sx. HLC & 350 C1 H	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
4-1/2"	10688'	13247'	475 C1H	2-3/8"	10,727'	10,727'
						MWL ISA

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
12758 to 12946 (.25" 12)	DEPTH INTERVAL
11073 to 11142 (.30" 16)	AMOUNT AND KIND MATERIAL USED
	12758-12946 sq. w/50 sx. C1 H mixed at 15.6 ppg - Tested plug to 6000 psi
	11073-11142 4000 gals 15% spearhead acid w/500 SCF N2/bbl.

33. PRODUCTION							
Date First Production 5/8/86		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 5/9/86	Hours Tested 24	Choke Size 12/64"	Prod'n. for Test Period →	Oil - bbl. 130	Gas - MCF 619	Water - bbl. 0	Gas-Oil Ratio 4762
Flow Tubing Press. 2890	Casing Pressure sealed	Calculated 24-Hour Rate →	Oil - bbl.	Gas - MCF	Water - bbl.	Oil Gravity - API (Corr.) 40.0	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By
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35. List of Attachments 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 Betty Gildon Betty Gildon TITLE Regulatory Analyst DATE 5/13/86

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. This form is to be filled in quadruplicate except 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 1075	T. Canyon	T. Ojo Alamo	T. Penn. "D"
T. Salt 2820	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt 3911	T. Atoka 11984	T. Fictured Cliffs	T. Penn. "B"
T. Yates	T. Atoka Lime 12130	T. Cliff House	T. Leadville
T. 7 Rivers	T. Morrow Lime 12640	T. Menefee	T. Madison
T. Queen	T. Morrow Clastics 12810	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todillo	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Leonard 7930	T. Bone Springs Lime 8003	T. Wingate	
T. Wolfcamp 10964	T. 1st B.S. Sd 9296	T. Chinle	
T. Wolfcamp Reef 11060	T. 2nd B.S. Sd 9900	T. Permian	
T. Penn. 11426	T. 3rd B.S. Sd 10656	T. Penn. "A"	
T. Gisco (Bough C)			
T. Penn Strawn 11582			

No. 1, from 12758 to 12946 (Morrow)	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 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	1075	1075	Redbeds, Shale				
1075	1669	594	Anhy				
1669	3911	2242	Shale, Anhy, Salt				
3911	4560	649	Dolo, Shale, Anhy				
4560	5838	1278	Lime, Dolo				
5838	6877	1039	Lime, Sand				
6877	7912	1035	Dolo, Lime, Sand				
7912	11142	3230	Sand, Shale, Lime				
11142	11857	715	100% Lime				
11857	12241	384	Lime, Chert, Shale				
12241	13250	1009	Lime, Shale, Sand				

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FEB 11 1986
HOBE