

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.B.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROMOTION OFFICE	

Operator

HNG OIL COMPANY

Address

P. O. Box 2267, Midland, Texas 79702

Reason(s) for filing (Check proper box)

New Well

☒

Change in Transporter of:

Recompletion

☐

Oil

☐

Dry Gas

☐

Change in Ownership

☐

Casinghead Gas

☐

Condensate

☐

Other (Please explain)

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

R-7396 12-1-83

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Half 5 Federal Com.	1	Pitchfork Ranch Morrow	State, Federal or Fee Federal	NM 18640-
Location				
Unit Letter	K	1980 Feet From The	south Line and	1980 Feet From The
Line of Section	5	Township	25S	Range
			34E	NMPM, Lea County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)					
The Permian Corporation	P. O. Box 1188, Houston, Texas 77001					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)					
Transwestern Pipeline Company	P. O. Box 2521, Houston, Texas 77002					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	K	5	25S	34E	No	

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
7-23-83	9-16-83	15,350'	15,293'					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
3400.7' GR	Morrow	15,228'	2-7/8" At 12,998'					
Perforations			Depth Casing Shoe					
15,228 - 15,242'			13,350'					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2"	13-3/8"	600'	265 HLC & 250 C1 C
12-1/4"	9-5/8"	5193'	1900 HLC & 475 C1 C
8-3/4"	7"	13350'	800 HLW & 400 C1 H
6-1/8"	4-1/2" Liner	15350' TOL: 12967'	475 C1 H

TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
5300	24 hours	0	0
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Back Pressure	7000	Sealed	11/64"

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Betty Gildon

Regulatory Analyst

September 29, 1983

(Signature)

(Title)

(Date)

OIL CONSERVATION DIVISION

DEC 16 1983

APPROVED _____, 19____

BY _____ ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

RECEIVED

OCT 4 1983

O.C.D.
HOBBS OFFICE

INCLINATION REPORT

(One Copy Must Be Filled With Each Completion Report.)

1. FIELD NAME Pitchfork Ranch Morrow		2. LEASE NAME Half 5 Federal Com.		3. District 1
3. OPERATOR HNG OIL COMPANY				4. Lease Number (Oil completions only)
4. ADDRESS P.O. Box 2267, Midland, Texas 79702				5. Well Number 1
5. LOCATION Unit letter K, 1980' FSL & 1980' FWL, Sec. 5, T25S, R34E				6. Identification Number (Gas completions only) NM 1864Q-A
				7. County Lea, NM

RECORD OF INCLINATION

Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
225	225	1/2	.87	1.96	1.96
448	223	3/4	1.31	2.92	4.88
600	152	1/4	.44	.67	5.55
1061	461	1	1.75	8.07	13.62
2200	1139	1	1.75	19.93	33.55
3220	1020	2	3.49	35.60	69.15
3710	490	3	5.23	25.63	94.78
3930	220	3	5.23	11.51	106.29
4130	200	2-3/4	4.80	9.60	115.89
4788	658	2	3.49	22.96	138.85
5170	382	3-1/4	5.67	21.66	160.51
6656	1486	3	5.23	77.72	238.23
7645	989	2-1/2	4.36	43.12	281.35
8568	923	3	5.23	48.27	329.62
9600	1032	3-1/2	6.10	62.95	392.57
10067	467	1-1/2	2.62	12.24	404.81

If additional space is needed, use the reverse side of this form.

Is any information shown on the reverse side of this form? ☒ yes ☐ no

Accumulative total displacement of well bore at total depth of 15,212 feet = 591.95 feet

Inclination measurements were made in ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe

Distance from surface location of well to the nearest lease line 1980 feet

Minimum distance to lease line as prescribed by field rules _____ feet

Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No

(If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

Parker Drilling Company
Signature of Authorized Representative

Parker Drilling Company
Name of Person and Title (Type or print)

Parker Drilling Company
Name of Company

Telephone: Area Code

OPERATOR CERTIFICATION

Betty Gildon
Signature of Authorized Representative

Betty Gildon, Regulatory Analyst
Name of Person and Title (Type or print)

HNG OIL COMPANY
Name of Company

Operator

915/683-4871
Telephone: Area Code

Subscribed and Sworn Before Me This 30th Day of September, 1983.

TONY B. WHITLEY-Notary Public
In and for the State of Texas
My Commission Expires 6-27-84

Tony B. Whitley
Notary Public

RECORD OF INCLINATION (Continued from reverse side)

Measured Depth (feet)	12. Course Log (feet)	13. Angle of Inclination (Degrees)	14. Displacement Horizontal Foot (Base of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
10855	788	1-3/4	3.05	24.03	428.84
11380	525	1-3/4	3.05	16.01	444.85
12694	131861	1-3/4	4.100	40.08	484.93
13350	656	2-1/2	4.36	28.60	513.53
13667	317	2	3.49	11.06	524.59
14126	459	2-1/2	4.36	20.01	544.60
15212	1086	2-1/2	4.36	47.35	591.95

If additional space is needed, attach separate sheet and check here. ☐

INSTRUCTIONS -

Inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. Inclination surveys are required on re-entry of abandoned wells. Inclination surveys must be made in accordance with the provisions of Statewide Rule.

report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one to each appropriate completion for the well. (except Plugging Report)

Commission may require the submission of original charts, graphs, or discs, resubmitting from the surveys.