

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-4485-1

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- CARBON DIOXIDE	7. Unit Agreement Name
2. Name of Operator HNG FOSSIL FUELS COMPANY	8. Farm or Lease Name State
3. Address of Operator 811 Dallas Street, Suite 1505, Americana Bldg., Houston, Texas 77002	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>9</u> TOWNSHIP <u>25N</u> RANGE <u>24E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) GR=6122', DF=6130', RKB=6131'	12. County Colfax

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9/15/79 TD - 2664'

8/31/79 653' of 13-3/8" O.D., 48.00#, H-40, S.T.&C. R-3 surface casing set and cemented back to surface.

9/09/79 1794' of 9-5/8" O.D., 36.00#, H-40, S.T.&C., production casing set and cemented w/265 sxs. of Class "H" cement + 18% salt added.

5/04/80 PBTD=1498'. Set bridge plug @ 1550' and cement sqz'd. Perforation 1484'-1492' (GR) w/100 sxs. Class H cement w/1% C_aCl_2 and 10% NaCl added. Drilled out cement to 1498'.

5/10/80 Perforated 9-5/8" O.D. Casing from 1490'-1488' (GR).

5/21/80 PBTD=1498'. Perfs open 1488'-1490'- WELL TEMPORARILY ABANDONED.

11/3/82 1st plug - tubing set @ 1498', pumped 40 sxs class H cement mixed @ 16.4 PPG, 1.06 ft. 3/sx. Displaced cement with 8.09 bbls water. With tubing out cement plug set @ 1498'-1398'. Pull tubing to 1398'. Pumped 105 bbls of 10# gel spacer to surface. 2nd plug - tubing set @ 100', pumped 40 sxs Class H cement mixed at 16.4 PPG, 1.06 ft. 3/sx. Cement to surface. Pull tubing out of hole. Fill Casing to surface with cement.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Richard D. Rich TITLE PRODUCTION ANALYST DATE NOVEMBER 10, 1982

APPROVED BY Carl Wilcox TITLE DISTRICT SUPERVISOR DATE Jan 26, 1982

CONDITIONS OF APPROVAL, IF ANY:



HALLIBURTON SERVICES

November 9, 1982

For: Mr. James Black
HNG Fossil Fuels
811 Dallas St., Suite 1505 American Bldg.
Houston, TX 77002

Re: State #1
Sec. 9 - 25N - 24E
Colfax County, New Mexico

The purpose of this letter is to provide an affidavit stating the above referenced well was plugged to abandon.

WELL DATA:

Casing: 9 5/8", 36 lb/ft.
Tubing: 2 7/8", 6.5 lb/ft.

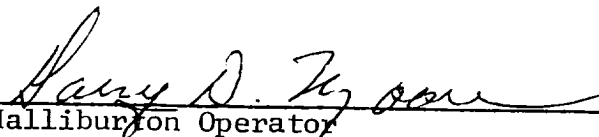
1st Plug:

Tubing set @ 1498'
Pumped 40 sks. Class H Cement mixed @ 16.4 PPG, 1.06 ft³/sk.
Displaced cement with 8.09 BBLs water.
With tubing out Cement plug set @ 1498' - 1398'.

Pull tubing to 1398'.
Pumped 105 BBL of 10# gel spacer to surface.

2nd Plug:

Tubing set @ 100 ft.
Pumped 40 sks Class H Cement mixed at 16.4 PPG, 1.06 ft³/sk.
Cement to surface.
Pull tubing out of hole.
Fill casing to surface with cement.


Halliburton Operator



FORM 1808 R-3

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73536

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO
INVOICE & TICKET NO. 057431DISTRICT LiberalDATE 10-3-82

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: H. N. G. Fossil Fuels

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE 57a7e SEC. 9 TWP. 25 RANGE 14EFIELD Wilcox COUNTY Colfax STATE N.M. OWNED BY H. N. G. Fossil Fuels

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH 1498 MUD WEIGHT _____

CORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCFPRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		36	9 5/8	GL	1498	
LINER						
TUBING		6.5	2 3/4	RL	1498	
OPEN HOLE						SHOTS/FT.
PERFORATIONS				1488	1490	
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☒ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED

P7A 40 SKc AT 1498 1298' of 10" Bentivinit-Gel 16.0
40SKc Hcm7 AT 100' To Top of Surface

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- Halliburton shall not be bound by any changes or modifications in this contract except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT
 THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

WELL NO. 1 LEASE STATE TICKET NO. 057431
CUSTOMER HNG Fossil Fuels PAGE NO. _____
JOB TYPE PTA DATE 11-3-82-1148

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	05:20							Called out
	09:00							on Loc waiting on Rig
	15:30							Release RTTS Rig Pull Tub + Packer
	16:15							Packer put at 140' Attach Overshot
	16:30							Did not Retrieve bldg plug
	17:30							Run in Tub To Retrieve Bridg plug
	07:37							Tubing on bottom shut down go to mut
1.	07:37							Start H ₂ O To
2.	07:48	5	48	1		200		Start Circulation
3.	07:53	6.5	53	1		300		Shut down Rig Pull 4 Joint Tub
4.	08:52							Start cmT
5.	08:54	11	7.55	1		350		Start Displ
6.	08:56	4	8.09	1		200		Shut down cmT Plug AT 1498' TO 1398'
								Rig Pull 4 Joint Tub
7.	10:14			1		0		Start 10# gel
8.	10:36	.5	10.4	1		200		Shut down gel plug AT 1398'-0'
								Rig pull Tubing To 100'
9.	12:08			1		0		Start cmT
10.	12:10	2	7.55	1		150		Shut down + Washup Plug AT 100'-0'
								Job Complete Thank You!!

HALLIBURTON SERVICES
JOB SUMMARY

FORM 1002

HALLIBURTON

DIVISION

Wichita Rs.

HALLIBURTON

LOCATION

Lamar Co.

BILLED ON

TICKET NO.

057431

WELL DATA

WELL NO. Wichita SEC. 9 TWP. 35W RANG. 24E COUNTY Colfax STATE N.M.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

ACKER TYPE _____ SET AT _____

OTTOM HOLE TEMP. _____ PRESSURE _____

ISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		36.00	9 5/8	CL	1498	
LINER						
TUBING		6.5	2 1/2	ND	1498	
OPEN HOLE						SHOTS/FT.
PERFORATIONS				1488	1490	
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-3-82	DATE 11-3-82	DATE 11-3-82	DATE 11-
TIME 05:00	TIME 09:00	TIME 15:30	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
S Larkick	8339	Lamar Co
A Dietrich	32596	" "
G Moore	1537	" "
K Myers	3842-7679	Houma Ton Rs.

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
LOAT COLLAR		
LOAT SHOE		
UIDE SHOE		
ENTRALIZERS		
OTTOM PLUG		
OF PLUG		
HEAD		
ACKER		
OTHER		

MATERIALS

REAT. FLUID _____ DENSITY _____ LB./GAL. API

ISPL. FLUID _____ DENSITY _____ LB./GAL. API

ROP. TYPE _____ SIZE _____ LB.

ROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

URFACTANT TYPE _____ GAL. _____ IN

IE AGENT TYPE _____ GAL. _____ IN

UID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

ELLING AGENT TYPE _____ GAL.-LB. _____ IN

RIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

REAKER TYPE _____ GAL.-LB. _____ IN

LOCKING AGENT TYPE _____ GAL.-LB. _____

ERFFAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cm7DESCRIPTION OF JOB Relieve RTTS + ~~Ag~~ ~~Ag~~
40 SKR AT 1498 1298' at 10 9+1 40 SKR
AT 100'JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TEG./ANN. ☐CUSTOMER
REPRESENTATIVEJames F. BlairHALLIBURTON
OPERATORRobert Dietrich
D. GreenCOPIES
REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	40	Cm7	H		Bulk	None	1.06	16.4
2	98	Gel		Halliburton	"	"	10 1/2 gal	
3	40	Cm7	11		"	"	1.06	16.4

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM 250

AVERAGE 100 FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

SUMMARY Gel Plug

VOLUMES

PREMIX: BBL.-GAL. 104.97 TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 8.09

CEMENT SLURRY: BBL.-GAL. 7.55 - 7.55

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

Did not Relieve Bridge
plugCUSTOMER H & G Fossile Fuels LEASE ST-73 WELL NO. 1 JOB TYPE PTA DATE 11-3

FOR INVOICE AND
TICKET NO. 0574131

DATE 11-3-82	CUSTOMER ORDER NO.	WELL NO. AND FARM 1 STATE	COUNTY Colfax	STATE N.M.
CHARGE TO H N G Fossil Fuels		OWNER Same	CONTRACTOR	No. B 178801
MAILING ADDRESS		DELIVERED FROM Houghton Ns.	LOCATION CODE 50335	PREPARED BY A. Dietrich
CITY & STATE		DELIVERED TO Springer, N.M. 10E. 2N.	TRUCK NO. 3842-7649	RECEIVED BY

[illegible]

B