MISSOURI OIL AND GAS COUNCIL

Form OGC - 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR MAINLINE USA INC. DATE Feb. 16/81

227½ S. MAIN ST. (Address) OTTAWA (City) KANSAS (State)

DESCRIPTION OF WELL AND LEASE

Name of lease: EDWARD LEWIS | Well number: 4 | Elevation (ground): 993' (TM)

WELL LOCATION (give footage from section lines): 2462 ft. from (N) (S) sec. line 165 ft. from (E) (W) sec. line

WELL LOCATION: Section 27 Township 44 Range 33 | County: CASS

Nearest distance from proposed location to property or lease line: 165 feet

Distance from proposed location to nearest drilling, completed or applied – for well on the same lease: 2115 feet

Proposed depth: 200' | Rotary or Cable tools: ROTARY | Approx. date work will start: FEBRUARY 5, 1981

Number of acres in lease: 408

Number of wells on lease, including this well, completed in or drilling to this reservoir: 4

Number of abandoned wells on lease: -NONE-

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____

No. of Wells: producing _____ inactive _____ abandoned _____

Status of Bond

Single Well ☐ Amt. _____ Blanket Bond ☒ Amt. $ 20,000 ☒ ON FILE ☐ ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program:

amt.	size	wt./ft.	cem.
25'	7"	27#	YES
200'	2 3/8"	3.75#	TD & SURF

Approved casing – To be filled in by State Geologist

amt.	size	wt./ft.	cem.

I, the undersigned, state that I am the PRODUCTION MANAGER of the MAINLINE USA INC. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature Phillip D. Lenhart

Permit Number 20157

Approval Date: 2/19/81

Approved By: s.e.s. Wallace B.

☐ SAMPLES REQUIRED

☒ SAMPLES NOT REQUIRED

RECEIVED

FEB 19 1981

MO. OIL & GAS COUNCIL

WATER SAMPLES REQUIRED @: _____

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council P.O. Box 250 Rolla, Mo. 65401

One will be returned for driller's signature

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

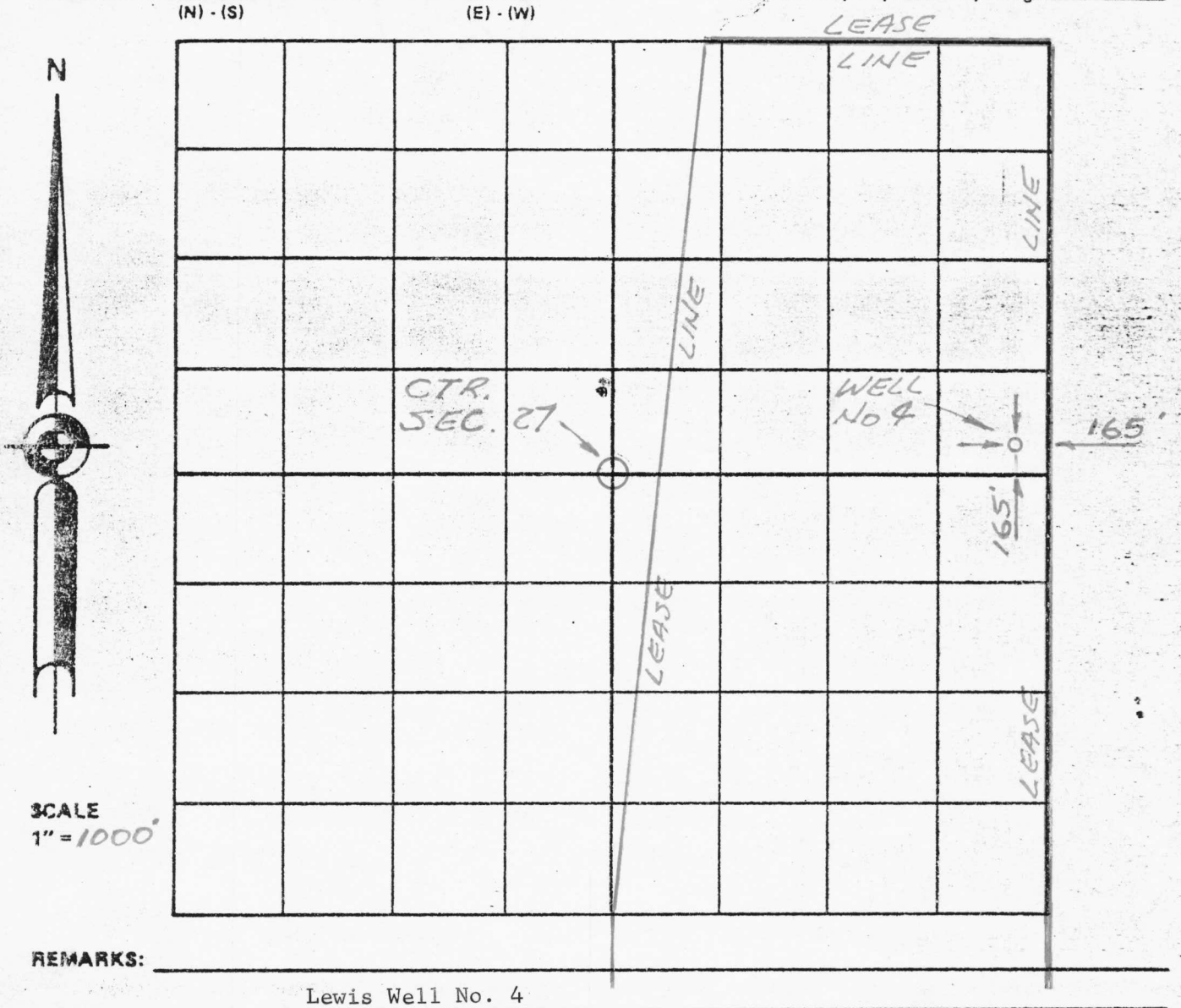
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC—4

Owner: Mainline U.S.A., Inc.

Lease Name: Edward J. Lewis County: Cass

2462 feet from North (N) - (S) line and 165 feet from East (E) - (W) line of Sec. 27, Twp. 44 N, Range 33.



SCALE
1" = 1000'

REMARKS: Lewis Well No. 4

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, Mo. 65401
One will be returned.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

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FEB 19 1981
MO. OIL & GAS COUNCIL

MISSOURI No. LS-918 HOWARD L. SHERMAN REGISTERED LAND SURVEYOR (SEAL)

Howard L. Sherman 918
Registered Land Surveyor Number

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☑ | Work-Over ☐ | Deepen ☐ | Plug Back ☐ | Same Reservoir ☐ | Different Reservoir ☐ | Oil ☐ | Gas ☐ | Dry ☐

Owner: Mainline USA Inc.	Address: 227½ S. Main Ottawa, Ks
Lease Name: Edward Lewis	Well Number: 4
Location: 2462' FNL 165' FEL Sec 27 Twp 44 R 33	Sec. — TWP-Range or Block & Survey
County: Cass	Permit number (OGC3 number): 20157

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or (Gr.) feet: ~~793~~	Elevation of casing hd. flange feet: 993

Total depth: 262'	P. B. T. D: 262'

Producing interval (s) for this completion	Rotary tools used (interval) From 0 to TD; Drilling Fluid used Mud	Cable tools used (interval) From Wa to

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed
NO	NO	NO	N/A

Type of electrical or other logs run (list logs filed with the State Geologist) — Date filed:

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb ft.)	Depth set	Sacks cement	Amt. pulled
Surf. Csg	8 5/8"	7"	23.0	0 - 25'	4	—

TUBING RECORD

Size	Depth set	Packer set at
2-3/8 in.	262 ft.	ft.

LINER RECORD

Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.		

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production:

Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) 1¼" insert Pump

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbls.	MCF	bbls.	API (Corr.)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs	Oil	Gas	Water	Gas—oil ratio
			bbls.	MCF	bbls	

Disposition of gas (state whether vented, used for fuel or sold): given to land owner

Method of disposal of mud pit contents: Evaporation & pit covered

CERTIFICATE: I, the undersigned, state that I am the Engineering Assistant of the Mainline USA Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

David J. Miles
Signature

RECEIVED
JUL 31 1981
MO. OIL & GAS COUNCIL

Remit two copies: one will be returned

Missouri Oil and Gas Council

Form OGC-7

PLUGGING RECORD

Owner	Address
KANSAS PETROLEUM PROPERTIES INC.	BOX 145 CHANUTE KS 66720

Name of Lease	Well No.	Permit Number (OGC-3 or OGC-3I number)
EDWARD LEWIS	4	20157

Location of Well	Sec-Twp-Rng or Block & Survey	County
2462' FNL 165' FEL	527-44-33	CASS

Application to drill this well was filed in name of	Has this well ever produced oil or gas?	Character of well at completion (initial production) Oil (bbls/day)	Gas (MCF/day)	Dry?
MAINLINE USA INC	NO	0	0	YES

Date Abandoned	Total depth	Amount well producing prior to abandonment Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)
7-7-83 3:15 PM	198	0	0	0

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
NOT KNOWN	NOT KNOWN	NOT KNOWN	

PLUGGING OPERATIONS: 2 3/8" TBG CEMENTED TO SURFACE INSIDE 7" SURFACE. NOT PERFORATED. RAN 1" PIPE TO 150' AND CIRCULATED CEMENT TO SURFACE. (55 SXS) PULLED 1" AND FILLED ~~Feet~~ HOLE (15 SX) TOTAL 65 SXS

Size pipe	Put in well (ft)	Pulled out (ft)	Left in well (ft)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
7"	?	3'		CUT OFF	
2 3/8"	198	3'	195'	CUT OFF	
SURFACE CSG # 2 3/8" TBG CUT OFF 3' BELOW GRD LEVEL					

Was well filled with mud-laden fluid?	Indicate deepest formation containing fresh water.

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
ALBERT LONG (SURFACE)	RR#1 CLEVELAND, MO	WEST
CHARLES HODGES (")	" " "	NORTH
ROBERT HOCKER (")	" " "	EAST
EDWARD LEWIS (")	" " "	SOUTH

Method of disposal of mud pit contents:
EVAPORATION - PITS BACKFILLED & LEVELED

Use reverse side for additional detail.

File this form in duplicate with

CERTIFICATE: I, the undersigned, state that I am the CONSULTING ENGINEER of the KANSAS PETROLEUM PROPERTIES INC (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

Signature K Byram

RECEIVED

OCT 11 1983

MO. OIL & GAS COUNCIL

Remit two copies to: Missouri Oil and Gas Council

Plugging Release

For valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, Jane N Lewis, owner of the real property subject to the oil and gas lease described as follows:

P.O.B. E1/2 S27 T44 R33
W1/2 NE1/4 S34 T44 R33
NE1/4 NE1/4 S34 T44 R33
ALL IN CASS CO, MO

have inspected my property and to the best of my knowledge all holes drilled for the purpose of oil and/or gas have been properly plugged.

Dated July 18 1953

Signed Jane N Lewis

RECEIVED
OCT 11 1983
MO. OIL & GAS COUNCIL

STATION Ottawa OPERATOR Fred Mader

CONSOLIDATED OIL WELL SERVICES, INC.

P.O. Box 884
Chanute, Kansas 66720
Phone (316) 431-9210

Ticket 41576

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
7-7-83	2543	27	44	33	#1,3+4 Louis	Freeman

Charge To	Owner	County
Elkhound		Cass
Mailing Address	**Contractor**	**State**
		Mo
City & State	**Well Owner Operator Contractor**	

CEMENTING SERVICE DATA

TYPE OF JOB		CASING		HOLE DATA		PLUGS AND HEAD		PRESSURE		CEMENT LEFT IN CASING	
Surface		New		Bore Size	5 1/8-2"	Bottom		Circulating	200	Requested	
Production		Used				Top		Minimum	100	Necessity	
Squeeze		Size		Total Depth	200'	Head		Maximum	400	Measured	
Pumping		Weight		Cable Tool		FLOAT EQUIPMENT		Sacks Cement	38		
Other Plugs		Depth						Type & Brand	50/50 Poz mix		
		Type		Rotary	✓			Admixes			

FRACTURING - ACIDIZING SERVICE DATA

Type of Job			At Intervals of				
Bbls Fracturing Fluid		Breakdown Pressure from		psi to		psi	
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM	Close In	psi
Sand		Gals. Treating Acid		Type		Open Hole Diameter	
Well Treating Through: Tubing		Casing	Annulus		Size		Weight

Remarks:

No. Perforations	Pay Formation Name	Depth of Job	Ft.

INVOICE SECTION

CEMENTING

			Office Use	$
Pumping Charge 3 plug	@ 150.00		7101	$ 450.00
Pumping Charge	@			
38 Sacks Bulk Cement	@ $5.10		1101	193.80
Ton Mileage on Bulk Cement 60	@		4401	80.94
Premium Gel	@			
Flo-Seal	@			
Calcium Chloride	@			
Plug	@			
	@			
Equipment	@			
#1 - 26 sx	@			
#3 - 6 sx Fill 2"	@			
#4 - 6 sx Fill 2"	@			
	@			
	@			
Granulated Salt	@			
Transport Truck (Hrs.)	@			
Vac Truck (2½ Hrs.)	@ 44.00		5401	110.00
Fuel Surcharge	@			
			Tax	7.60
A Finance Charge computed at 1¾% per month (annual percentage rate of 21%) will be added to			Total	$ 838.54

FRACTURING - ACIDIZING

			Office Use	$
Pumping Charge	@			
Pumping Charge	@			
12x30 Sand	@			
10x20 Sand	@			
x Sand	@			
Ton Mileage	@			
Gals., Acid	@			
Chemicals	@			
	@			
	@			
	@			
	@			
	@			
Potassium Chloride	@			
Rock Salt	@			
Water Gel	@			
Transport Truck (Hrs.)	@			
Vac Truck (Hrs.)	@			
Fuel Surcharge	@			
			Tax	
			Total	$

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OCT 11 1983
MO. OIL & GAS COUNCIL

Consolidated Oil Well Services, Inc.

211 West 14th Street
P.O. Box 884 Chanute, Kansas 66720
Phone: (316) 431-7690 (Office)
(316) 431-9210 (Shop)

RECEIVED
OCT 11 1983
MO. OIL & GAS COUNCIL

INVOICE DATE	INVOICE NO.
7/19/83	7077

SOLD TO
ELKHOUND RES.
BOX 219 B RT #1
WELLSVILLE, KS
66092

PAID

TERMS: Net 30 Days
A Finance Charge computed at 1 ¾ % per month (annual percentage rate of 21 %) will be added to balances over 30 days.

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

OUNT NO.		LOCATION	LEASE AND WELL NO.		JOB TICKET NO.	
2563		3	# 1, # 4 # 3 LOUIS	7/07/83	41576	0000000000

ITEM NUMBER			DESCRIPTION	UNITS	UNIT PRICE	UNIT MEAS		EXTENDED PRICE
101	3	0	PROJECT PRICE	3	150.00	CHG		450.0
101	38	0	BULK CEMENT	38	5.00	SK		190.0
401	1	0	TON MILEAGE	1	80.94	CHG		80.9
201	2.50	0	TRUCKING-VACUUM	2.50	44.00	HR		110.0

Invoiced 7-31
POSTED C/O

OO INVOICE	TAX			PLEASE PAY
			Thank You!	838.5

Permit #: 20157

County: Cass

CONFIDENTIAL UNTIL:

Date Issued: 2-19-81

Date Cancelled:

Date Plugged: 7-2-83

OGC FORMS	Date Received
1	
2	
3	2-19-81
3i	
4	2-19-81
4i	
5	7-31-81
6	
7	10-11-83
8	
11	
12	
Misc. Form 2	

COMMENTS:

	TYPE	ID #	Date Received
Logs			
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data: