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 25/81

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

DESCRIPTION OF WELL AND LEASE

Name of lease	Well number	Elevation (ground)
LONG	4	985' (TM)

WELL LOCATION 1447 ft. from (N) (S) sec. line 2461 ft. from (E) (W) sec. line (give footage from section lines)

WELL LOCATION Section 27 Township 44 Range 33 County CASS

Nearest distance from proposed location to property or lease line: 318 feet

Distance from proposed location to nearest drilling, completed or applied – for well on the same lease: 1650 feet

Proposed depth:	Rotary or Cable tools	Approx. date work will start
200'	ROTARY	FEBRUARY 23, 1981

Number of acres in lease: 162

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

Number of abandoned wells on lease: —

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#/ft.	YES
200'	2⅜"	1.6#/ft.	TO 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. Kubas

Permit Number 20160

Approval Date: 2/27/81

Approved By: L.A.S. Wallace B. Howe

☐ SAMPLES REQUIRED

☒ SAMPLES NOT REQUIRED

RECEIVED FEB 27 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.

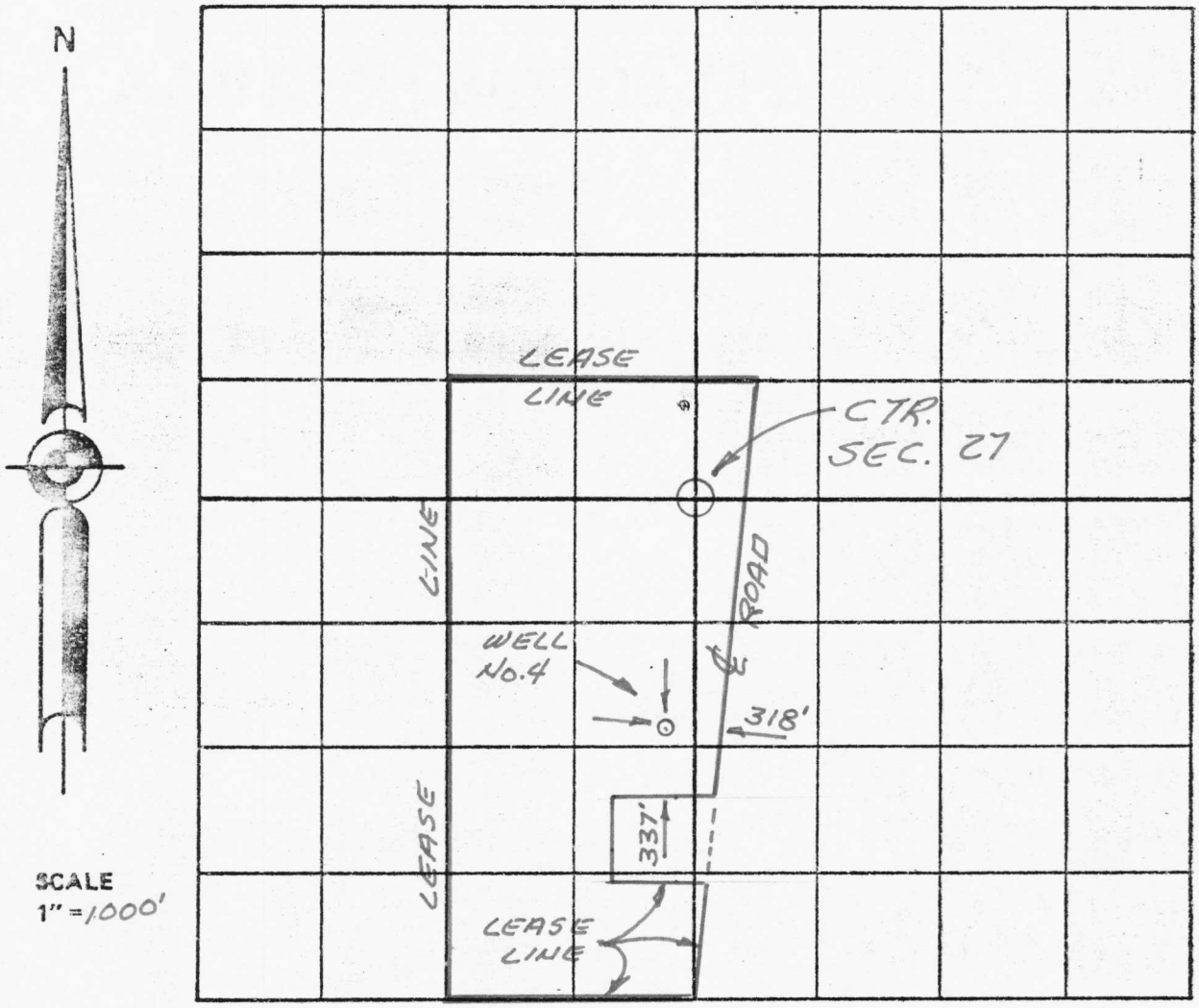
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC—4

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

Lease Name: Albert E. & Ruby M. Long County: Cass

1447 feet from south (N) - (S) line and 2461 feet from west (E) - (W) line of Sec. 27, Twp. 44 N, Range 33.



SCALE
1" = 1000'

REMARKS:

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.

RECEIVED
FEB 27 1981
MO. OIL & GAS COUNCIL

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

Howard L. Sherman
Registered Land Surveyor

918
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: 105 East Madison, Iola, Kansas 66749
Lease Name: Long, A.	Well Number: 4
Location: 1447' fsl 2461 fwsl	Sec. — TWP-Range or Block & Survey: S-27 T-44 R-33
County: Cass	Permit number (OGC3 number): #20160

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet
2-28-81	2-28-81	Dry	985'	986'

Total depth	P B T. D
198'	198'

Producing interval (s) for this completion	Rotary tools used (interval) From ... to ... Drilling Fluid used Mud	Cable tools used (interval) From ... to No
Dry		

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed
No	No	No	No

Type of electrical or other logs run (list logs filed with the State Geologist): None — Date filed: No

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	25	4	
Long String	5 1/8"	None				

TUBING RECORD

Size in.	Depth set ft.	Packer set at ft.

LINER RECORD

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

PERFORATION RECORD

Number per ft	Size & type	Depth Interval
DRY		

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production: Dry — Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

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

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

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents: Mud Pits back filled

CERTIFICATE: I, the undersigned, state that I am the Landman of the Mainline U.S.A. 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.

Jerome O'Connor
Signature

Landman

RECEIVED
MAR 02 1983
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)
LONG	1	?

Location of Well	Sec-Twp-Rng or Block & Survey	County
? APPROX ~~1~~ 1500 EWL 2500 SNL	5 34 -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?
?	NO	0	0	YES

Date Abandoned	Total depth	Amount well producing prior to abandonment Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)
7-13-83 10:20AM	148	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 OPERATION: WELL HAD BEEN FRACED. HOOKED UP TO 2 3/8" TBG, ESTABLISH FEED RATE AND START CEMENT. SQUEEZE 10 SKS DOWN 2" INTO FORMATION, PRESSURE UP TO 600#. FILL HOLE W/CEMENT AND SHUT IN.

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
2 3/8"	?	~~0~~ 3	? - 3	CUT OFF	

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:
EDWARD LEWIS (SURFACE)	RR#1	CLEVELAND	MO	EAST
JAMES SMITH (SURFACE)	"	"	"	WEST
HOMES ? "	"	"	"	NORTH
JAMES SMITH (SURFACE	"	"	"	SOUTH

Method of disposal of mud pit contents:

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, J.W. SMITH, owner of the real property subject to the oil and gas lease described as follows:

E½NW¼ SE SW AND THAT PART OF W½ E½ OF S 27 WHICH LIES WEST OF CENTER OF PUBLIC ROE EXEPT N 1280' AND E½ SW¼ & S½ EE¼ NW¼ SEC 27-44-33

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 7/13/83

Signed J.W. Smith

RECEIVED
OCT 11 1983
MO. OIL & GAS COUNCIL

COMPANY	MAINLINE USA INC.	FARM Long, A.	WELL NO. 4	Grd ELEV985'	PAGE NO 1
COUNTY Cass	STATE Missouri	LOCATION 1447' fssl 2461' fwsl		Drill & Core TYPE SAMPLE - Wet	

DEPTH From	DEPTH To	Lithology	Description	TR-Trace F-Fair Poro	Fluor	P-Poor G-Good Stain	Odor
	198'		No Oil				

RECEIVED
MAR 02 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 42457

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
7-13-83	0563	27	4-1	33	#1,2,3,4 Long	Freeman

Charge To	Owner	County
Elkhound Resources		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		Bottom		Circulating	200	Requested	
Production		Used		Total Depth #1	143	Top		Minimum	100	Necessity	
Squeeze		Size	2"	#2	3219	Head		Maximum	400	Measured	
Pumping		Weight		Cable Tool		FLOAT EQUIPMENT		Sacks Cement	77 sx		
Other Plug		Depth	75'					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 p
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				FRACTURING - ACIDIZING			
Pumping Charge		Office Use	$ 600.00	Pumping Charge		Office Use	$
Pumping Charge	@		$	Pumping Charge	@		$
77 Sacks Bulk Cement	@ 5.00	1101	385.00	12x30 Sand	@		
Ton Mileage on Bulk Cement 60	@	1401	164.01	10x20 Sand	@		
Premium Gel	@			x Sand	@		
Flo-Seal	@			Ton Mileage	@		
Calcium Chloride	@			Gals., Acid	@		
Plug	@			Chemicals	@		
	@				@		
Equipment	@				@		
#1, 2" Left in Pipe full 1	@				@		
#2 219' to top 2 sx	@				@		
#3 75' to top 195x	@				@		
#4 " " 195x	@			Potassium Chloride	@		
	@			Rock Salt	@		
Granulated Salt	@			Water Gel	@		
Transport Truck (Hrs.)	@			Transport Truck (Hrs.)	@		
Vac Truck (2½ Hrs.)	@ 44.00	1301	110.00	Vac Truck (Hrs.)	@		
Fuel Surcharge	@			Fuel Surcharge	@		
		Tax	15.40			Tax	
A Finance Charge computed at 1¾% per month (annual percentage rate of 21%) will be added to balance over 30 days.		Total	$1274.41			Total	$

RECEIVED
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	7110

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

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.

PAID

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

UNT NO.		LOCATION	LEASE AND WELL NO.		JOB TICKET NO.	
2563		3	# 1,2,3,4 LONG	7/13/83	42457	0000000000

ITEM NUMBER			DESCRIPTION	UNITS	UNIT PRICE	UNIT MEAS		EXTENDED PRICE
01	4	0	PUMPING CHARGE-CEMENTING	4	150.00	EA		600.00
01	77	0	BULK CEMENT	77	5.00	SK		385.00
01	1	0	TON MILEAGE	1	164.01	CHG		164.01
01	2.50	0	TRUCKING-VACUUM	2.50	44.00	HR		110.00

Invoiced 7-31

POSTED C/O

INVOICE	TAX			PLEASE PAY
1,259.01	15.40		Thank You!	1,274.41

Permit #: 20160 Date Issued: 2-27-81

County: Cass Date Cancelled:

CONFIDENTIAL UNTIL: Date Plugged: 7-13-83

OGC FORMS	Date Received
1	
2	
3	2-27-81
3i	
4	2-27-81
4i	
5	3-2-83
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: