

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR MAINLINE USA INC DATE DEC 10/80
227 1/2 SOUTH MAIN ST. OTTAWA KANSAS

Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease ALBERT E. LONG Well number 3 Elevation (ground) 970' (TM)

WELL LOCATION (give footage from section lines)
2145 ft. from (N) (S) sec. line 1481 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: 990 feet

Proposed depth: 200' Rotary or Cable tools ROTARY Approx. date work will start DECEMBER 19, 1980

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: NONE

If lease, purchased with one or more wells drilled, from whom purchased: Name MIDWEST RESOURCE MANAGEMENT No. of Wells: producing 1
 Address 4722 BROADWAY, KC, MO, 64112 inactive 1
 abandoned 0

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.
 DEC 12 1980

Proposed casing program:				Approved casing - To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.
<u>25'</u>	<u>7"</u>	<u>27</u>	<u>YES</u>				
<u>200'</u>	<u>2"</u>	<u>3.75</u>	<u>TD TO 0'</u>				

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. Kerbo

Permit Number 20115
 Approval Date: 12/12/80
 Approved By: Wallace B. Howe
 Note: This Permit not transferable to any other person or to any other location. W.B.

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @:

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.

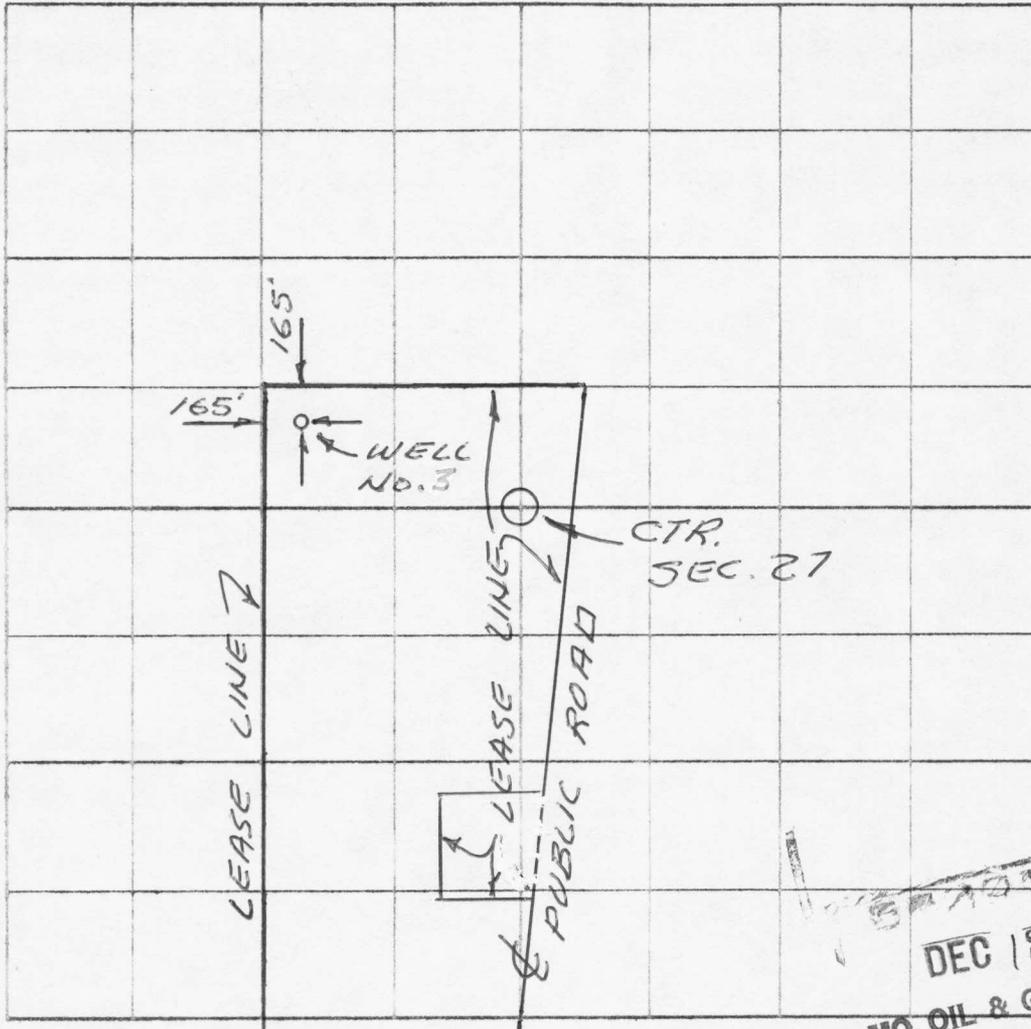
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC - 4

Owner: Albert E. & Ruby M. Long

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

2145' feet from (IN) (S) line and 1481' feet from (E) (W) line of Sec. 27 Twp. 44 Range 33



SCALE
1" = 1000'

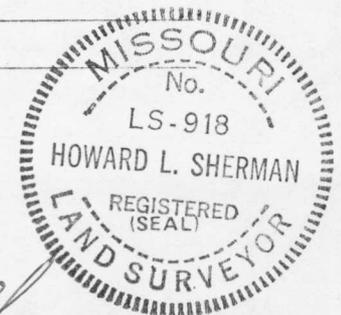
DEC 12 1980
MO. OIL & GAS COUNCIL

REMARKS: Lessee: Mainline U.S.A. Inc.
227 1/2 S. Main Street
Ottawa, Kansas 66067
Well No. 13

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

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



Howard L. Sherman
Registered Land Surveyor

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 227 1/2 S. Main Off Hwy, KS

Lease Name Long Well Number 3

Location 2145' FNL 1491' FWL Sec 27 Twp 44 R 33 Sec. — TWP-Range or Block & Survey

County _____ Permit number (OGC3 number) 20115

Date spudded _____ Date total depth reached _____ Date completed, ready to produce _____ Elevation (DF, REB, RT or GP) 970 feet Elevation of casing hd. flange 970 feet

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

Producing interval (s) for this completion _____ Rotary tools used (interval) From 0 to T.D. Drilling Fluid used mud Cable tools used (interval) From n/a to _____

Was this well directionally drilled? no Was directional survey made? no Was copy of directional survey filed? no Date filed 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
<u>Subj. Csg</u>	<u>8 3/8"</u>	<u>7"</u>	<u>23.0</u>	<u>0-25'</u>	<u>4</u>	<u>—</u>

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<u>2 3/8 in.</u>	<u>262 ft.</u>	<u>ft.</u>	<u>in.</u>	<u>ft.</u>	<u>ft.</u>	<u>ft.</u>	<u>ft.</u>

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & 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:) 1 1/4" insert 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'd rate of Production per 24 hr.	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: 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 RECEIVED
Signature

JUL 31 1981

PLUGGING RECORD

Owner KANSAS PETROLEUM PROPERTIES INC		Address BOX 145 CHANUTE, KS 66720			
Name of Lease ALBERT E. LONG		Well No. 3	Permit Number (OGC-3 or OGC-3I number) 20115		
Location of Well 2145' FNL 1481' FWL 527-44-33			Sec-Twp-Rng or Block & Survey		County CASS
Application to drill this well was filed in name of MAINLINE USA INC		Has this well ever produced oil or gas? NO	Character of well at completion (initial production) Oil (bbls/day) 0 Gas (MCF/day) 0		Dry? YES
Date Abandoned 7-13-83 1:00AM	Total depth 262	Amount well producing prior to abandonment Oil (bbls/day) 0 Gas (MCF/day) 0		Water (bbls/day) 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	
NOT KNOWN		NOT KNOWN		NOT KNOWN	
RAN 1" to 75'. PUMPED DOWN CEMENT W/ 17 SXS					
FREE PULLED 1" AND FILLED HOLE W/ 2 SXS (TOTAL 19 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
2"	262	3	259		
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	
HOMES? (")		"		NORTH	
JAMES LEWIS (")		"		SOUTH	
" (")		"		WEST	
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 <u>CONSULTING ENGINEER</u> of the <u>KANSAS PETROLEUM PROPERTIES INC.</u> (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 <u>K. Byram</u>	

RECEIVED

OCT 11 1983

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:

E¹/₂ NW¹/₄ SEC 34 AND THAT PART OF E¹/₂ E¹/₂
OF SEC 27 WHICH LIES WEST OF CENTER
OF PUBLIC ROAD EXPT N 1280' AND E¹/₂ SW¹/₄ & S¹/₂ EE¹/₄
NW¹/₄ 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

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

S
 O ELKHOUND RES.
 L BOX 219 B RT #1
 D WELLSVILLE, KS

66092



PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

INVT NO.	ITEM NUMBER	LOCATION	LEASE AND WELL NO.	DESCRIPTION	UNITS	UNIT PRICE	UNIT MEAS	EXTENDED PRICE
2563		3	# 1,2,3,4 LONG		7/13/83	42457		0000000000
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

Inspected 7-31



INVOICE TAX 1,259.01 15.40

TERMS: Net 30 Days

A Finance Charge computed at 1 3/4 % per month (annual percentage rate of 21 %) will be added to balances over 30 days.

PLEASE PAY

1,274.41

Thank You!

STATION Ottawa OPERATOR Fred Mader

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

Ticket

CONSOLIDATED OIL WELL SERVICES, INC.

42457

Date 7-13-83	Customer's Acct. No. 0563	Sec. 27	Twp. 41	Range 33	Well No. & Farm #1,2,3,4 Long	Place or Destination Freeman
Charge To Elkhound Resources				Owner		County 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	143 3219	Top		Minimum	100	Necessity	
Squeeze		Size	2"	Cable Tool		Head		Maximum	400	Measured	
Pumping		Weight		Rotary	<input checked="" type="checkbox"/>	FLOAT EQUIPMENT		Sacks Cement	77 SK		
Other Plug		Depth	75'					Type & Brand	50/50 Poz mix		
		Type						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
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	

CEMENTING

INVOICE SECTION

FRACTURING - ACIDIZING

Pumping Charge	4	Office Use	\$ 600.00	Pumping Charge		Office Use	\$
Pumping Charge	@			Pumping Charge	@		
77 Sacks Bulk Cement	@ 8.00	1101	385.00	12x30 Sand	@		
Ton Mileage on Bulk Cement	60	@	164.01	10x20 Sand	@		
Premium Gel	@			x Sand	@		
Flo-Seal	@			Ton Mileage	@		
Calcium Chloride	@			Gals., Acid	@		
Plug	@			Chemicals	@		
Equipment	@				@		
#1 2" Left Pipe Full	@				@		
#2 219' to top 27%	@				@		
#3 75' to top 195x	@				@		
#4 " " 195x	@			Potassium Chloride	@		
Granulated Salt	@			Rock Salt	@		
Transport Truck (Hrs.)	@			Water Gel	@		
Vac Truck (2 1/2 Hrs.)	@ 44.00	6501	110.00	Transport Truck (Hrs.)	@		
Fuel Surcharge	@			Vac Truck (Hrs.)	@		
		Tax	15.40	Fuel Surcharge	@		

A Finance Charge computed at 1% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total **\$1274.41**

Total \$

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OCT 11 1983
MO. OIL & GAS COUNCIL

Permit #: 20115

Date Issued: 12-12-80

County: Cass

Date Cancelled: _____

CONFIDENTIAL, UNTIL: _____

Date Plugged: 2-13-83

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	
3i	
4	
4i	
5	
6	
7	
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data: