



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NOV 15 1995

DEC 01 1995

APPLICATION TO DRILL DEEPEN PLUG BACK FOR AN OIL WELL FOR GAS WELL

NAME OF COMPANY OR OPERATOR: DONALD L. KEITH, LINDA A. KEITH
DATE: 11/7/95
ADDRESS: 7 E. 203 St.
CITY: Belton
STATE: MO.
ZIP CODE: 64012

DESCRIPTION OF WELL AND LEASE
NAME OF LEASE: Keith
WELL NUMBER: 1
ELEVATION (GROUND):

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)
See Attached Survey 953 FT. FROM (N) SECTION LINE 2110 FEET FROM (E) SECTION LINE

WELL LOCATION: SECTION 5, TOWNSHIP 45N, RANGE 33W, COUNTY CASS

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 180 FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: 0 FEET

PROPOSED DEPTH: 500'
DRILLING CONTRACTOR, NAME AND ADDRESS: Jesse Yorkum Cleveland MO
ROTARY OR CABLE TOOLS: Rotary
APPROX. DATE WORK WILL START: NOV 1995

NUMBER OF ACRES IN LEASE: 40
NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 0
NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME: _____
ADDRESS: _____
NO. OF WELLS: PRODUCING _____
INJECTION _____
INACTIVE _____
ABANDONED _____

STATUS OF BOND: SINGLE WELL AMOUNT \$ 750 CD BLANKET BOND AMOUNT \$ _____ 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				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
500'	4 1/2"	SE 40 steel	TOTAL TO				

I, the undersigned, state that I am the _____ of the _____ (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: Donald L. Keith DATE: 11/23/95

PERMIT NUMBER: 20606
APPROVAL DATE: 11/21/95
APPROVED BY: James Holly Williams HNB
 DRILLER'S LOG REQUIRED E-LOGS REQUIRED IF RUN
 CORE ANALYSIS REQUIRED IF RUN DRILL STEM TEST INFO. REQUIRED IF RUN
 SAMPLES REQUIRED
 SAMPLES NOT REQUIRED
 WATER SAMPLES REQUIRED AT _____

NOTE: THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

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.

I _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE: _____ DATE: _____



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

FORM OGC-4

OWNER *Donald W. KEITH Linda A. KEITH*

LEASE NAME _____ COUNTY *CASS*

_____ FEET FROM _____ SECTION LINE AND _____ FEET FROM _____ SECTION LINE OF SEC. _____, TWP _____ N, RANGE _____
(N) - (S) (E) - (W)



SCALE
1" =

<i>See Attached Survey</i>									
<i>180 feet from West property line 60 feet south of our house</i>									
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REMARKS

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. Lease lines must be marked.

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.

(SEAL)

REMIT TWO (2) COPIES TO:
 MISSOURI OIL AND GAS COUNCIL
 P.O. BOX 250, ROLLA, MO 65401

REGISTERED LAND SURVEYOR	NUMBER
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

REC
Form OGC-5
APR 09 1996

NEW WELL WORKOVER DEEPEN PLUG BACK INJECTION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS DRY

OWNER: Donald L. Keith ADDRESS: 7 E. 203 St. Belton, Mo. 64012

LEASE NAME: Donald L. Keith WELL NUMBER: #1

LOCATION: on survey SEC. TWP. AND RANGE OR BLOCK AND SURVEY: 5, 45N, 33W

COUNTY: Class PERMIT NUMBER (OGC-3 OR OGC-31): 20606

DATE SPUDDED: 1/13/96 DATE TOTAL DEPTH REACHED: 2/20/96 DATE COMPLETED READY TO PRODUCE OR INJECT: 2/20/96 ELEVATION (DF, RKR, RT, OR Gr.) FEET: 1068 ELEVATION OF CASING HD. FLANGE FEET: 1069

TOTAL DEPTH: 400' PLUG BACK TOTAL DEPTH: 333'

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: 321-333 ROTARY TOOLS USED (INTERVAL) TO: 400' CABLE TOOLS USED (INTERVAL): none

DRILLING FLUID USED: none WAS THIS WELL DIRECTIONALLY DRILLED?: no WAS DIRECTIONAL SURVEY MADE?: no WAS COPY OF DIRECTIONAL SURVEY FILED?: no DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST): none 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	AMOUNT PULLED
<u>to hold back formation</u>	<u>6 5/8"</u>	<u>4"</u>	<u>Sch 40 Steel</u>	<u>321'</u>	<u>50 sacks</u>	<u>0</u>

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
<u>X</u> IN.	<u>X</u> FEET	<u>X</u> FEET	<u>X</u> INCH	<u>X</u> FEET	<u>X</u> FEET	<u>X</u>	<u>X</u> FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
	<u>open hole method</u>	<u>above 321'</u>	<u>ε casing set at 321', grouted hole</u>	

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION: <u>Feb 20, 1996</u>		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP): <u>flowing</u>					
DATE OF TEST: <u>Feb 20 1996</u>	HOURS TESTED: <u>1</u>	CHOKE SIZE: <u>3/8</u>	OIL PRODUCED DURING TEST: <u>0</u> bbls.	GAS PRODUCED DURING TEST: <u>10,000 cuft/hr</u> -MCF	WATER PRODUCED DURING TEST: <u>0</u> bbls.	OIL GRAVITY: <u>0</u> API (CORR.)	
TUBING PRESSURE:	CASING PRESSURE: <u>70#</u>	CAL'ATED RATE OF PRODUCTION PER 24 HOURS:		OIL: <u>0</u> bbls.	GAS: <u>0</u> MCF	WATER: <u>0</u> bbls.	GAS OIL RATIO: <u>0</u>

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD): Used for heating home.

METHOD OF DISPOSAL OF MUD PIT CONTENTS: Airdried & spread out

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE _____ OF THE _____ 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.

DATE: 3/20/96 SIGNATURE: Donald L. Keith

INSTRUCTIONS: ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

* SHOW ALL IMPORTANT ZONES OF POROSITY, DETAIL OF ALL CORES, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
	0	5	Clay
	5	28	Broken rock
	28	71	Shale
	71	80	White lime
	80	81	Shale
	81	83	Limestone
	83	97	Green shale
	97	101	Hard lt. brown lime
	101	102	Shale
	102	102.5	Coal
	102.5	140	Shale
	140	145	Hard gray limestone
	145	152	Green shale
	152	153	Black limestone
	153	157	Lt brown limestone
	157	188	Gray limestone
	188	189	Black slate
	189	190	Green shale
	190	223	Bethany limestone
	223	226	Shale
	226	233	Black shale
	233	235	Gray shale
	235	242	Hearth limestone
	242	273	Gray shale
	273	283	Gray sandstone
	283	321	Gray shale
	321	343	Gray sandstone
	343	400	Shale

Corporation Warranty Deed

This Indenture, Made on the 21st day of July A. D., One Thousand Nine Hundred and Eighty-six by and between

DAYTON CONSTRUCTION, INC.
a corporation duly organized under the laws of the State of Missouri, of the County of Jackson, State of Missouri, party of the first part, and

DONALD L. KEITH and LINDA A. KEITH, his wife
of the County of Cass, State of Missouri, parties of the second part,
(Mailing address of said first named grantee is _____).

WITNESSETH: THAT SAID PARTY OF THE FIRST PART, in consideration of the sum of Ten Dollars and other good and valuable considerations ~~XXXXDOLLARSXX~~ to it in hand paid by the said parties of the second part, the receipt of which is hereby acknowledged, does by these presents, GRANT, BARGAIN AND SELL, CONVEY AND CONFIRM, unto the said parties of the second part, their heirs and assigns, the following described lots, tracts or parcels of land, lying, being and situate in the County of Cass and State of Missouri

to-wit: All
The East half of the East half of Lots 1 and 2 of the Northwest Quarter of Section 5, Township 45, Range 33, in Cass County, Missouri, excepting the North 780 feet of the West 280 feet of said Lot 2. Subject to existing County Road.

Subject to restrictions, reservations and easements, now of record, if any.

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DEC 10 1995 95

Oil & Gas Council, Inc.

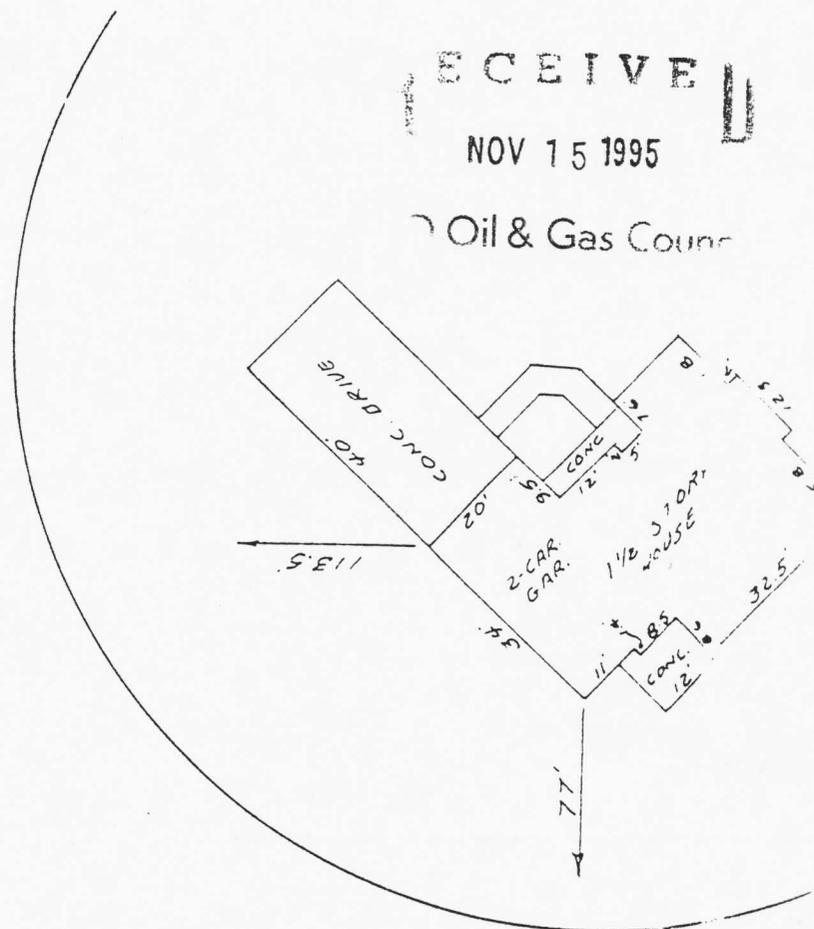
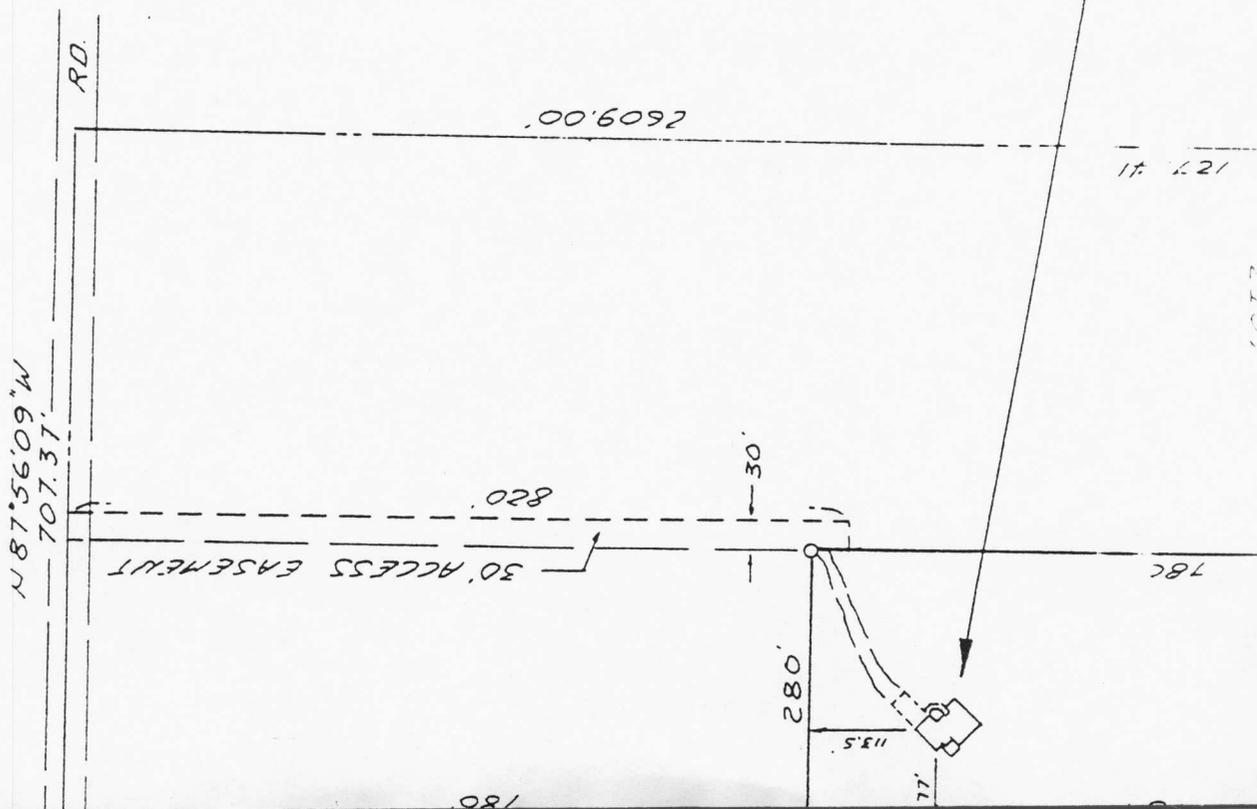
TO HAVE AND TO HOLD, The premises aforesaid, with all and singular the rights, privileges, appurtenances and immunities thereto belonging or in anywise appertaining, unto the said parties of the second part and unto their heirs and assigns forever, the said DAYTON CONSTRUCTION, INC.

hereby covenanting that it is lawfully seized of an indefeasible estate in fee in the premises herein conveyed; that it has good right to convey the same; that the said premises are free and clear from any incumbrance done or suffered by it or those under whom it claims; and that

DAYTON CONSTRUCTION, INC.

DESCRIPTION: THE WEST 280 FEET OF THE SOUTH 780 FEET OF THE NORTH 1560 FEET OF THE EAST HALF OF THE EAST HALF OF LOTS 1 AND 2 OF THE NORTHWEST QUARTER OF SECTION 5, TOWNSHIP 45, RANGE 33 IN CASS COUNTY, MISSOURI. CONTAINS 5 ACRES, MORE OR LESS.

EASEMENT DESCRIPTION: THE EAST 30 FEET OF THE WEST 310 FEET OF THE NORTH 820 FEET OF THE EAST HALF OF THE EAST HALF OF LOT 2 OF THE NORTHWEST QUARTER OF SECTION 5, TOWNSHIP 45, RANGE 33 IN CASS COUNTY, MISSOURI.



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