



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

RECEIVED FORM O.G.C-3
MAY 04 1990

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

MO Oil & Gas Council
Economic Geology

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

NAME OF COMPANY OR OPERATOR Pense Brothers Drilling Co., Inc., a Missouri Corporation		DATE 4/30/90	
ADDRESS 800 Newberry Street P. O. Box 551		CITY Fredericktown	STATE MO
		ZIP CODE 63645	

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE David L. Vanderman, et ux	WELL NUMBER Vanderman No. 1	ELEVATION (GROUND) 861'	
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE) 1854 FT. FROM (N) SECTION LINE 1150 FEET FROM (E) SECTION LINE			
WELL LOCATION NW/4 SE/4 NE/4	SECTION 12	TOWNSHIP 41N	RANGE 32W
			COUNTY Bates
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 171 FEET			
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE N/A FEET			
PROPOSED DEPTH 480'	DRILLING CONTRACTOR, NAME AND ADDRESS Pense Brothers Drilling Co., Inc.	ROTARY OR CABLE TOOLS Rotary (Air)	APPROX. DATE WORK WILL START 4/30/90 or on permit
NUMBER OF ACRES IN LEASE 70.1 acres	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 1		
NUMBER OF ABANDONED WELLS ON LEASE None located			
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME N/A ADDRESS _____			NO. OF WELLS: PRODUCING 0 INJECTION 0 INACTIVE 0 ABANDONED 0

STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 20,000.00	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED
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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.
41'	7"	17 lbs	to surf	✓	✓	✓	✓
T.D. to surf	4 1/2"	9.5 lbs	to surf	✓	✓	✓	✓

I, the undersigned, state that I am the Assistant Vice President of the Pense Bros. Drg. Co., 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 <i>Larry W. Pense</i> Larry Pense	DATE 4/30/90
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PERMIT NUMBER 20039	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE 5-7-1990	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <i>[Signature]</i> [Signature]	<input checked="" type="checkbox"/> SAMPLES REQUIRED	
	<input type="checkbox"/> SAMPLES NOT REQUIRED	
	<input type="checkbox"/> 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
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SEC LINE

1 6
12 7

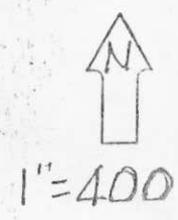
70.0 Ac

KIDWELL

VANDERMAN

1854'±

PROPOSED WELL
VANDERMAN # 1
SE 1/4 NE 1/4
12-41-32



T41N
R32W

171.0

1150'±

264

MORROW

4
16.0 Ac

ELKHART TSP

MOUNTAIN TSP

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131

R32

R31

WELL LOCATION MAP - BATES COUNTY
TAX MAP 65-07-1

SHEET 1 OF 2

William C. Lethcho 42890

WILLIAM C. LETHCHO LS-1539
BATES COUNTY SURVEYOR
COURTHOUSE
BUTLER, MO. 64730

W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

WELL REFERENCE TIES
IN THE SE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC 12,
T41N, R32W IN BATES
COUNTY, MISSOURI.

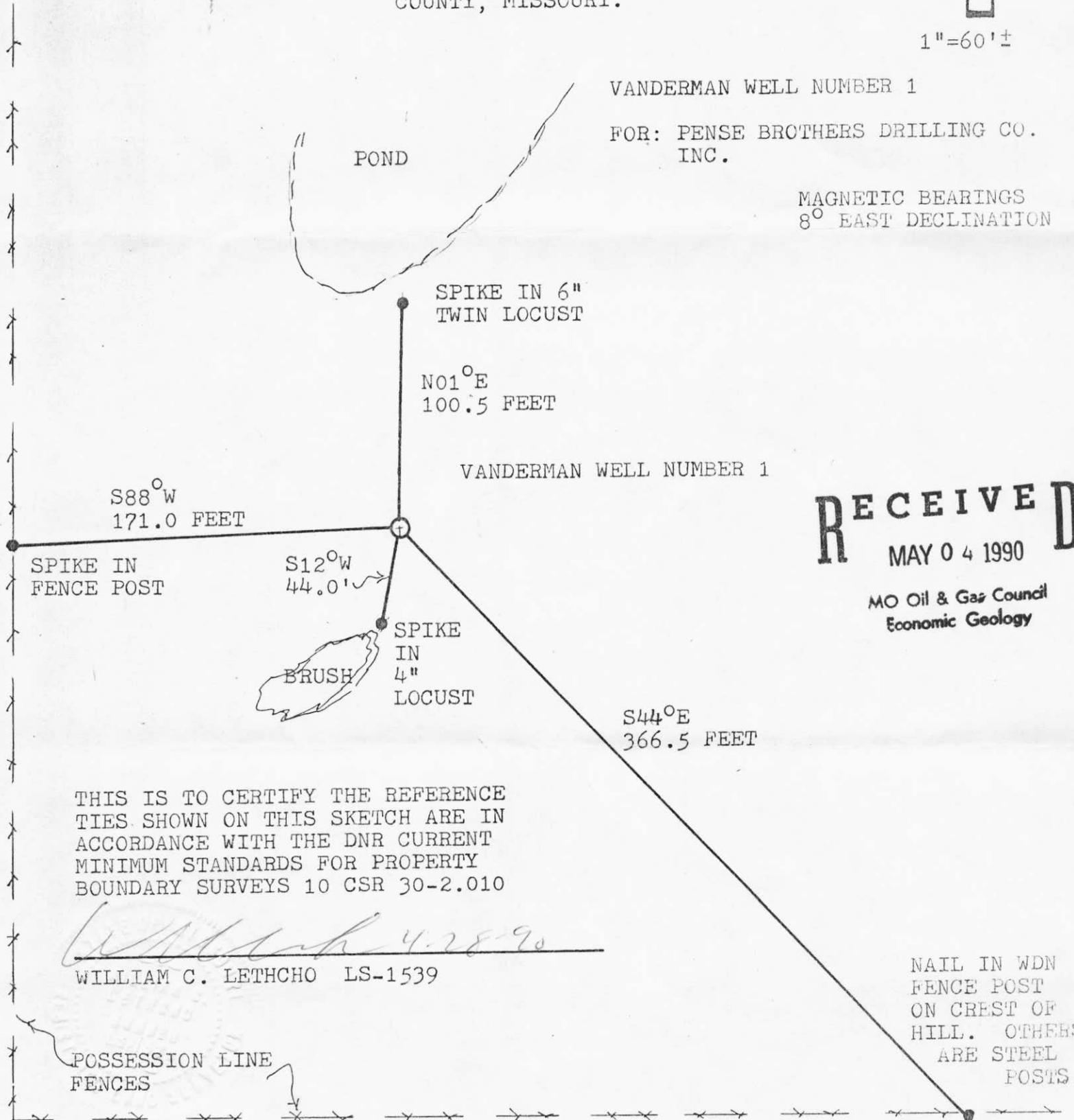


1"=60'±

VANDERMAN WELL NUMBER 1

FOR: PENSE BROTHERS DRILLING CO.
INC.

MAGNETIC BEARINGS
8° EAST DECLINATION



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THIS IS TO CERTIFY THE REFERENCE
TIES SHOWN ON THIS SKETCH ARE IN
ACCORDANCE WITH THE DNR CURRENT
MINIMUM STANDARDS FOR PROPERTY
BOUNDARY SURVEYS 10 CSR 30-2.010

William C. Lethcho 4-28-90
WILLIAM C. LETHCHO LS-1539

NAIL IN WDN
FENCE POST
ON CREST OF
HILL. OTHERS
ARE STEEL
POSTS.

POSSESSION LINE
FENCES