

Permit #: 20055

Date Issued: 12-5-90

County: Bates

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 8-14-91

COMMENTS:

converted to water well

OGC FORMS	Date Received
1	
2	
3	
3i	12-3-90
4	
4i	
5	
6	8-14-91
7	8-14-91
8	8-14-91
11	
12	
Misc. Form 2	

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

Additional Submitted Data:



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

NAME OF COMPANY OR OPERATOR <i>PENSE BROTHERS DRILLING CO., INC., A MISSOURI CORPORATION</i>		DATE <i>12/01/90</i>	
ADDRESS <i>800 NEWBERRY STREET P.O. BOX 551</i>	CITY <i>FREDERICKTOWN</i>	STATE <i>MO</i>	ZIP CODE <i>63645</i>

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE <i>CLIFFORD L. PENSE, ET. AL.</i>	WELL NUMBER <i>1</i>	ELEVATION (GROUND) <i>840'</i>
--	-------------------------	-----------------------------------

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)
775 FT. FROM (N) SECTION LINE *245* FEET FROM (E) SECTION LINE

WELL LOCATION	SECTION <i>4</i>	TOWNSHIP <i>41N</i>	RANGE <i>31 W</i>	COUNTY <i>BATES</i>
---------------	---------------------	------------------------	----------------------	------------------------

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE *245'* FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE *N/A* FEET

PROPOSED DEPTH <i>475</i>	DRILLING CONTRACTOR, NAME AND ADDRESS <i>PENSE BROTHERS DRILLING CO., INC. ROTARY (AIR)</i>	ROTARY OR CABLE TOOLS <i>ROTARY (AIR)</i>	APPROX. DATE WORK WILL START <i>12/15/90 OR ON PERMIT</i>
------------------------------	--	--	--

NUMBER OF ACRES IN LEASE <i>14.6</i>	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <i>1</i>
	NUMBER OF ABANDONED WELLS ON LEASE <i>0</i>

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME ADDRESS <i>N/A</i>	NO. OF WELLS: PRODUCING <i>0</i> INJECTION <i>0</i> INACTIVE <i>0</i> ABANDONED <i>0</i>
--	---

STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <i>20,000.00</i>	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> 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.)
N/A

PROPOSED CASING PROGRAM				APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
<i>50'</i>	<i>7"</i>	<i>17 LBS.</i>	<i>TO SURF.</i>	<i>50'</i>	<i>7"</i>	<i>17#</i>	<i>TO SURF</i>
<i>T.D. TO SURF.</i>	<i>4 1/2"</i>	<i>9 LBS.</i>	<i>TO SURF.</i>	<i>TD TO SURF</i>	<i>4 1/2"</i>	<i>9#</i>	<i>TO SURF</i>

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>B. E. BLANCETT</i> <i>B. E. BLANCETT</i>	DATE <i>12/01/90</i>
---	-------------------------

PERMIT NUMBER #20055	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE <i>12/5/90</i>	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <i>William</i>	<input checked="" type="checkbox"/> SAMPLES REQUIRED	
	<input type="checkbox"/> SAMPLES NOT REQUIRED	
	<input type="checkbox"/> WATER SAMPLES REQUIRED AT	

NOTE ▶ THIS PERMIT IS 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	MO Oil & Gas Council
---------------------	----------------------

RECEIVED
DEC 0 1990



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
NOTICE OF INTENTION TO ABANDON WELL

FORM OGC-8

NAME OF LEASE <i>C. PEACE, 1-7 AL</i>		DATE	
WELL NUMBER <i>#1</i>	LOCATION <i>275</i> FEET FROM (N) SECTION LINE AND <i>245</i> FEET FROM (E) SECTION LINE OF		
SECTION <i>4</i>	TOWNSHIP <i>41N</i>	RANGE <i>31W</i>	COUNTY <i>BATES</i>
THE ELEVATION OF THE GROUND AT WELL SITE IS <i>840</i> FEET ABOVE SEA LEVEL.		PERMIT NUMBER (OGC-3 OR OGC-8 NUMBER) <i>20055</i>	

NAME OF CONTRACTOR OR COMPANY THAT WILL DO WORK IS:
PENSE BROTHERS DRILLING CO., INC. (COMPANY TOOLS)

ADDRESS <i>Box 551</i>	CITY <i>FREDERICKTOWN</i>	STATE <i>MO</i>	ZIP CODE <i>63645</i>
---------------------------	------------------------------	--------------------	--------------------------

DETAILS OF WORK (INDICATE SIZE, KIND, AND DEPTH OF PLUGS, WHERE CASING WILL BE PULLED, OTHER PERTINENT DETAILS)

52' 09" 7" - 19 LB. CASING, CEMENTED TO SURFACE, 7" TO 2" SWEDGE WITH 2" BALL VALVE ATTACHED.

3' SQUARE CONCRETE APRON AT SURFACE SURROUNDING 7" CASING.

5' CONTINUOUS SAMPLES: BOXED & READY FOR DELIVERY TO MISSOURI DEPARTMENT NATURAL RESOURCES.

20055 - Pense, et al #1
OGC-8 app.

RECEIVED
JUL 18 1995

Oil & Gas Council

CERTIFICATE: I, the undersigned, state that I am the *ASST. V.P.* of the *PENSE BROS. DRG. CO., INC.* (company), and that I am authorized to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, and complete to the best of my knowledge.

SIGNATURE <i>B. F. BLANCETT</i> <i>B.F. BLANCETT, ASST. VICE PRESIDENT</i>	DATE <i>8/09/91</i>
--	------------------------

C. PENSE, ET AL, #1 - PERMIT # 20055

E/2 LOT 2, SEC. 4 - 41N - 31W, BATES CO, MO

ELEVATION - G.L. - 840' PENSE BROS. DRG. CO.

PREPARED BY B.B.B. DATE 2/15/90

- 0-5² TOPSOIL - CLAY LOAM, REDDISH BROWN TO LT. BROWN
 - 5-15³ CLAY - LIGHT REDDISH BROWN TO YELLOWISH BROWN
 - 15-17⁴ SANDSTONE, DENSE, FINE GRAINED, TAN TO LIGHT BROWN
 - 17-45⁵ SHALE, GREY TO LIGHT GREY WITH FEW CLAY-CONGLOMERATE STRIATIONS.
 - 45-50⁷ LIMESTONE, WHITE TO BUFF, WEATHERED APPEARANCE.
 - 50-65⁸ SHALE, LIGHT GREY TO BLUE-GREY
 - 65-75⁸ LIMESTONE, WHITE TO BUFF.
 - 75-130¹⁰ SHALE, GREY TO DARK GREY AT BASE
 - 130-140¹¹ LIMESTONE, DENSE, BUFF TO LIGHT GREY
 - 140-334¹² SHALE, GREY TO DARK GREY
 - 334-343¹³ SANDSTONE, SLIGHTLY SHALY IN PORTIONS, GREY TO WHITE, SLIGHTLY ANGULAR TO SUB-ROUNDED.
 - 343-475¹⁵ SHALE, GREY TO DARK GREY
 - 475-480¹⁶ SANDSTONE, FINE GRAINED, FEW PYRITE CUTTINGS, SLIGHT RESIDUAL OIL STAINING, LITTLE POROSITY, WHITE TO GREY
 - 480-485¹⁸ SANDSTONE, DENSE, FEW IMBEDDED QUARTZ CRYSTALS TAN TO GREY
 - 485-517¹⁹ SHALE, SANDY, GREY TO DARK GREY, CALCAREOUS IN LOWER SECTION
 - 517-522²⁰ LIMESTONE, DENSE, BUFF TO WHITE
 - 522-525²¹ SHALE, GREY TO DARK GREY
 - 525-575²² LIMESTONE, DENSE, IMBEDDED CHERT & QUARTZ.
- 23 T.D. 575'

RECEIVED AUG 1 1991

MO OF A Gas Council

25 *VERY SLIGHT GAS SHOW 334 - 343 -

26 WITH SLIGHT AMOUNT WATER IN SAME SECTION

27 SLIGHT WATER SHOWS: WARNER SS 475' TO 485'

28 & MISSISSIPPI 517' TO 575'



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC-7

OWNER <i>PENSE BROTHERS DRILLING CO., INC.</i>		ADDRESS <i>Box 551, FREDERICKTOWN, MO 63645</i>	
NAME OF LEASE <i>C. PENSE ET AL</i>		WELL NUMBER <i>#1</i>	PERMIT NUMBER (OGC-300-OGC-31 NUMBER) <i>20055</i>
LOCATION OF WELL <i>E/2 LOT 2, SEC. 4, T41N, R31W</i>		SEC. TWP. RING OR BLOCK & SURVEY <i>BATES</i>	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF <i>ABOVE NAMED OWNER</i>		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) <i>NIL</i> GAS (MCF/DAY) <i>SLIGHT GAS T-STM</i>
DATE ABANDONED	TOTAL DEPTH	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) <i>NIL</i> GAS (MCF/DAY) <i>NIL</i>	WATER (BBLS/DAY) <i>10 BBLS DAY</i>

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, giving amount cement.
<i>Pennsylvania N (WALTER JOHNSON SAND)</i>	<i>SLIGHT SHOW GAS, TOO SMALL TO MEASURE, WITH SOME WATER</i>	<i>334-343 OPEN HOLE</i>	<i>No Plugs OR Cement - OPEN HOLE 52'09" TO 575'</i>

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
<i>7"</i>	<i>52'09"</i>	<i>NIL</i>	<i>52'09"</i>	<i>N/A</i>	<i>NIL</i>

RECEIVED
JUL 18 1995
Oil & Gas Council
RECEIVED
AUG 14 1991
Oil & Gas Council

WAS WELL FILLED WITH MUD-LADEN FLUID? *NO*

INDICATE DEEPEST FORMATION CONTAINING FRESH WATER
MISSOURIAN 517' TO 575'

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

NAME	ADDRESS	DIRECTION FROM THIS WELL
<i>OPERATOR ONLY OWNER, C.L. PENSE, R.L. PENSE, AND B.E. BLANCKETT</i>	<i>Box 551, FREDERICKTOWN, MO 63645</i>	<i>N/A</i>
	<i>Box 398, ADRIAN, MO 64720</i> <i>100 S. OLD HWY 71</i>	<i>WELL ON PREMISES</i>

METHOD OF DISPOSAL OF MUD PIT CONTENTS
▶ *AIR ROTARY DRILLED WITH FRESH WATER - CUTTINGS ONLY IN PIT, OVERFILL WITH TOPSOIL TO SURFACE LEVEL*

NOTE FILE THIS FORM IN DUPLICATE WITH (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

CERTIFICATE ▶ I, the undersigned, state that I am the *ASST. 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 *B.E. Blanckett*
B.E. BLANCKETT, ASST. V.P. DATE *8/09/91*



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 MISSOURI OIL AND GAS COUNCIL
WELL CONVERSION AGREEMENT

This agreement is made this 9TH day of AUGUST, 19 91, between PENSE BROTHERS DRILLING CO, INC. of Box 551, FREDERICKTOWN, MO 63645, owner of the following described well or test hole, hereinafter called "operator," and C. L. PENSE, RONALD L. PENSE, & B. E. BLANCETT of Box 551, FREDERICKTOWN, MO 63645, owner of surface rights to the land on which the following described well or test hole is situated, hereinafter called "landowner."

WHEREAS operator has drilled or has caused to be drilled a test well for oil and gas, or has operated a producing well, which well is known as C. PENSE, ET AL #1, ^{PERMIT #} 20055 and is located E/2 LOT 2, SEC. 4, 41N, 31 W, BATES County, Missouri;

WHEREAS operator desires to plug and abandon said well or test hole in a manner approved by the Missouri Oil and Gas Council;

WHEREAS landowner desires to employ said well or test hole as a source of potable water for the beneficial use of himself or himself and others;

NOW THEREFORE, it is agreed that operator shall plug the hole in accordance with the rules, regulations and instructions of the Missouri Oil and Gas Council except that no plug shall be set at the surface in said well or test hole nor shall surface pipe be cut off below plow depth, thus facilitating the use of the well or test hole as a water source well.

Landowner hereby acknowledges that the operator will be released by the Missouri Oil and Gas Council from future liability for further plugging which may be required by the Council and accepts full responsibility for the operation of the well or test hole as a water well and for the proper plugging and abandonment thereof when its use for this purpose has ended.

RECEIVED
 AUG 14 1991

WITNESS SIGNATURE	DATE	OPERATOR SIGNATURE	DATE
	<u>8/09/91</u>	<u>PENSE BROTHERS DRG. CO., INC.</u> <u>By: B. E. Blancett Asst V.P.</u>	<u>8/09/91</u>
WITNESS SIGNATURE	DATE	LANDOWNER SIGNATURE	DATE
	<u>8/09/91</u>	<u>C. L. PENSE, R. L. PENSE, & B. E. BLANCETT</u> <u>By: B. E. Blancett</u>	<u>8/09/91</u>

TWP Line



1"=100'
T41N, R31W

WELL LOCATION MAP
BATES COUNTY TAX
MAP 65-08-2-4-1

4
50 AC

2.01

160

4

3

DAVID E. & MARY L.
RITTER 538/172
50 AC

2
8.8 AC (d)

775'

PROPOSED
PENSE
ETAL WELL
NO. 1

100'
KID

245'

CLIFFORD L. PENSE, ET UX.
RONALD L. PENSE, SINGLE
SUE BLANCETT, ET UX.

777

PROPOSED PENSE BROS, ETAL, WELL NUMBER 1 IN THE EAST HALF OF LOT 2 OF THE NORTHEAST QUARTER OF SECTION 4, TOWNSHIP 41 NORTH, RANGE 31 WEST OF THE 5TH PRINCIPAL MERIDIAN IN ADRIAN, BATES COUNTY, MISSOURI.

Sec 4
Sec 3

William C. Lethcho 11-27-90

WILLIAM C. LETHCHO LS-1539
BATES COUNTY SURVEYOR

SHEET 1 OF 2

RECEIVED
DEC 9 1990
ADRIAN
Oil & Gas Council

MYERS

65-08-2-4-1

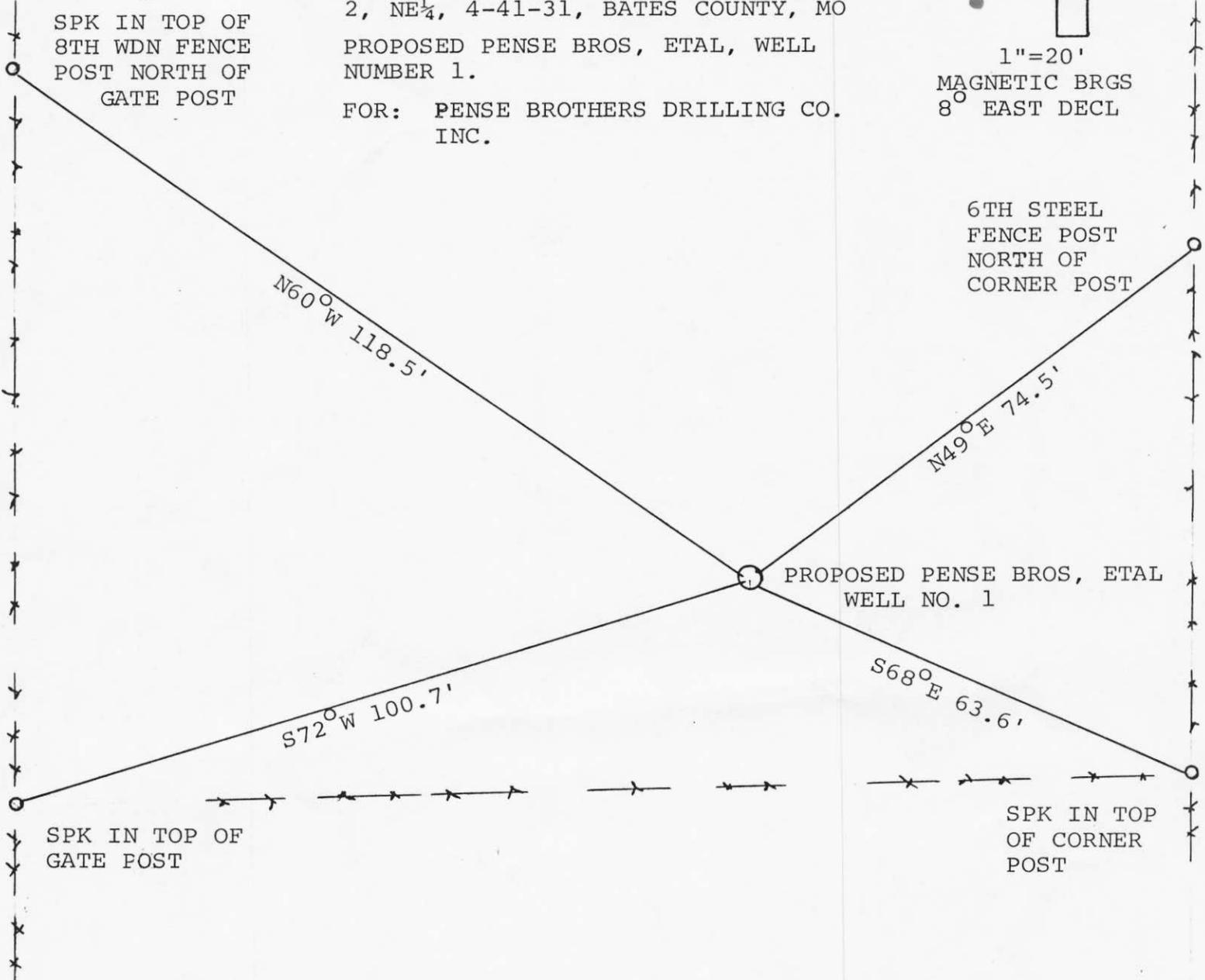
W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

WELL REFERENCE TIES IN THE E $\frac{1}{2}$ LOT
2, NE $\frac{1}{4}$, 4-41-31, BATES COUNTY, MO
PROPOSED PENSE BROS, ETAL, WELL
NUMBER 1.

FOR: PENSE BROTHERS DRILLING CO.
INC.



1"=20'
MAGNETIC BRGS
8° EAST DECL



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

William C. Lethcho 11-27-90
WILLIAM C. LETHCHO LS-1539
BATES COUNTY SURVEYOR

SHEET 2 OF 2

RECEIVED
DEC 05 1990

MO Oil & Gas Council

8/15/91

PLEASE FIND ATTACHED OGC-8 FORMS IN DUPLICATE
TO REPLACE THE OGC-8 FORMS FORWARDED
WITHOUT SIGNATURE OF WITNESS AND REGARDING
C. PENSE, ET AL #1 WELL, E/2 LOT 2, SEC. 4, T 41N,
R 31W, BATES CO., PERMIT # 20055.

THANKS!

PENSE BROS. DRG. CO., INC.

By: B. E. Blawett, ASST. V.P.

RECEIVED
AUG 19 1991

MO Oil & Gas Council

8/09/91

IN DUPLICATE:

OGC - 4

OGC - 7

OGC - 8

LITHOLOGY LOG

THE ABOVE ENCLOSURES REGARDING THE C. PENSE,
ET AL, # 1 WELL, PERMIT # 20055, ARE ENCLOSED
FOR YOUR EXAMINATION AND APPROVAL AND APPROVAL
OF WELL CONVERSION AGREEMENT IN FAVOR OF
C. L. PENSE, R. L. PENSE, AND B. E. BLANCETT, OWNERS
OF BOTH THE SURFACE & MINERAL THERE TO THE
LAND WHEREUPON SUBJECT WELL WAS DRILLED.

THANKS!

Pense Brothers Drilling Co. Inc.
By: B. E. Blancett, Asst. V. P.

RECEIVED
AUG 14 1991

MO Oil & Gas Council



MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY

**WATER WELL RECORD
AND
PUMP INFORMATION RECORD**

(PLEASE PRINT CLEARLY)

DO NOT FILL IN		DATE RECEIVED
REF. NO.	98741	CHECK NO.
CROSS REFERENCE NO.		TRANSMITTAL NO.
STATE WELL NUMBER		ROUTE
CHECKED BY	SA	ENTERED
APPROVED BY		DATE APPROVED

RECEIVED JAN 16 1996

96T

888750

WOT WNP

Ph1 Ph2 Ph3

OWNER NAME C. PENSE, ET AL [RE. C. PENSE, ET AL #1 - PERMIT # 20055]		TELEPHONE NO. (816) 297-4433	
ADDRESS Box 398, 100 S. OLD HWY 71		CITY ADRIAN	STATE MO
OWNER STATUS <input type="checkbox"/> BUILDING CONTRACTOR <input type="checkbox"/> DEVELOPER <input type="checkbox"/> BUILDER <input type="checkbox"/> PRIVATE HOME OWNER <input checked="" type="checkbox"/> OTHER (SPECIFY) BUSINESS OWNER		EXISTING WELL CERTIFICATION NUMBER	
DRILLING CONTRACTOR NAME PENSE BROTHERS DRILLING CO., INC		PUMP CONTRACTOR NAME	
DRILLING EQUIPMENT <input type="checkbox"/> MUD ROTARY <input type="checkbox"/> REVERSE ROTARY <input checked="" type="checkbox"/> AIR ROTARY <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> AUGER (TYPE) <input type="checkbox"/> OTHER (SPECIFY)		DATE COMPLETED 7/20/95	
CASING DETAILS LENGTH 5209' DIAM. (IN.) 7" WEIGHT OR SDR NO. 19LB DIAM. OF DRILL HOLE 8 5/8"	MATERIAL: <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> PLASTIC <input type="checkbox"/> OTHER (SPECIFY)	DRIVE SHOE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	JOINTS: <input checked="" type="checkbox"/> THREADED <input type="checkbox"/> WELDED <input type="checkbox"/> GLUED
PACKER INFORMATION USED ON CASING? <input type="checkbox"/> YES <input type="checkbox"/> NO	PACKER DEPTH (FT.)	USED ON LINER? <input type="checkbox"/> YES <input type="checkbox"/> NO	PACKER DEPTH (FT.)
CASING GROUTING DETAILS TYPE OF SEAL <input checked="" type="checkbox"/> FULL LENGTH <input type="checkbox"/> TOP <input type="checkbox"/> BOTTOM	MATERIAL USED <input checked="" type="checkbox"/> NEAT CEMENT <input type="checkbox"/> BENTONITE <input type="checkbox"/> CUTTINGS <input type="checkbox"/> OTHER	DEPTH OF SEAL TOP SURF. BOTTOM TO	SACKS OF CEMENT OR BENTONITE USED TOP _____ BOTTOM _____
LINER DETAILS LENGTH 574.5' DIAM. (IN.) 4" WEIGHT OR SDR NO. 21 (SLOTTED)	DEPTH FROM LAND SURFACE 574'	JOINTS: <input type="checkbox"/> THREADED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> GLUED	MATERIAL: <input type="checkbox"/> STEEL <input checked="" type="checkbox"/> PLASTIC <input type="checkbox"/> OTHER (SPECIFY)
LINER GROUTING DETAILS TYPE OF SEAL <input type="checkbox"/> FULL LENGTH <input type="checkbox"/> TOP <input type="checkbox"/> BOTTOM	MATERIAL USED <input type="checkbox"/> NEAT CEMENT <input type="checkbox"/> BENTONITE <input type="checkbox"/> OTHER	DEPTH OF SEAL TOP _____ BOTTOM _____	SACKS OF CEMENT OR BENTONITE TOP _____ BOTTOM _____
SCREEN DETAILS MAKE OR TYPE _____ LENGTH OPEN TO AQUIFER (FT.) _____	SLOT SIZE _____ DIAM. (IN.) _____	THICKNESS OF GRAVEL PACK _____	GRAVEL SIZE (IN.) FROM (FT.) _____ TO (FT.) _____
YIELD TEST <input type="checkbox"/> BAILED SWAB <input type="checkbox"/> PUMPED <input type="checkbox"/> COMPRESSED AIR	HOURS 2 YIELD (GPM) 1/2	WATER LEVEL	MEASURE FROM LAND SURFACE STATIC (FT.) 118'
ABANDONED WELL IS THERE AN ABANDONED WELL? <input type="checkbox"/> YES <input type="checkbox"/> NO	WAS IT PROPERLY SEALED? <input type="checkbox"/> YES <input type="checkbox"/> NO	WELL DISINFECTED AFTER DRILLING? <input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE OF TOP CASING SEAL <input type="checkbox"/> PITLESS ADAPTER <input type="checkbox"/> WELL SEAL <input type="checkbox"/> OTHER
COMPLETION DATA PUMP CAPACITY _____ GPM _____ HP _____ STAGES AT _____ FT.	MAKE OF PUMP _____ TYPE OF DROP PIPE <input type="checkbox"/> PLASTIC <input type="checkbox"/> GALVANIZED	WELL DISINFECTED AFTER SETTING PUMP? <input type="checkbox"/> YES <input type="checkbox"/> NO	PUMP SET BY: <input type="checkbox"/> PUMP INSTALLER <input type="checkbox"/> OWNER <input type="checkbox"/> DRILLER NOT TO BE INSTALLED UNTIL _____
DEPTH FROM LAND SURFACE FEET TO FEET	FORMATION DESCRIPTION	DIAMETER OF DRILL HOLE	LOCATION OF WELL SHOW LOCATION IN SECTION PLAT
0 517 517 575	PENNSYLVANIAN MISSISSIPPI	SURF. 8 5/8" BAL. 6 1/4" HOLE	AREA NO. A22 COUNTY BATES SURFACE ELEVATION 840' TWN 41 N. RING 31 W TOTAL DEPTH OF WELL 575'
IF YIELD WAS TESTED AT DIFFERENT DEPTHS DURING DRILLING, LIST BELOW.			SEE SURVEY ATTACHED
FEET	GALLONS PER MINUTE		
NOTES, MILEAGE AND DIRECTION FROM NEAREST TOWN OR HIGHWAY			I HEREBY CERTIFY THAT THE WELL HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF WATER SUPPLY WELLS AND/OR MONITORING WELLS.
SEE SURVEY ATTACHED			
SIGNATURE (WELL DRILLER) By: B.E. Blawett, J.P.		SIGNATURE (PUMP INSTALLER)	
DATE 1/05/96		DATE	
PERMIT NO. (WELL DRILLER) 001901		PERMIT NO. (PUMP INSTALLER)	
INFORMATION TO BE SUPPLIED BY OWNER		FOR MONITORING WELLS ONLY	
PROPOSED USE OF WELL <input checked="" type="checkbox"/> DOMESTIC (1 TO 3 CONNECTIONS) <input type="checkbox"/> PUBLIC WATER SUPPLY <input type="checkbox"/> HEAT PUMP <input type="checkbox"/> OTHER (SPECIFY) _____	<input type="checkbox"/> MULTIPLE FAMILY <input type="checkbox"/> NON-COMMUNITY <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITORING	WELL POINT NUMBER	WOL APR 25 1996
SIGNATURE (WELL OWNER) C. PENSE, ET AL By: B.E. Blawett 1/05/96		WASTE MANAGEMENT IEPA ID-NO.	
DATE		MEAN SEA LEVEL ELEVATION OF WELL	
		SITE TYPE <input type="checkbox"/> RCRA <input type="checkbox"/> SUPERFUND <input type="checkbox"/> LANDFILL <input type="checkbox"/> OTHER	

MO 780-0230 (9-90)

DISTRIBUTION: WHITE/DRILLER CANARY/DIVISION PINK/WELL OWNER
MAIL CANARY COPY TO: WELL DRILLER'S FUND, P.O. BOX 250, ROLLA, MO 65401.
ENCLOSE \$35 WATER WELL CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION.