



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: PENSE BROTHERS DRILLING CO., INC. DATE: SUPPLEMENTAL TO 10/31/95
ADDRESS: Box 551, 800 NEWBERRY STREET CITY: FREDERICKTOWN STATE: MO ZIP CODE: 63645
DEVELOPMENTAL APP.

DESCRIPTION OF WELL AND LEASE
NAME OF LEASE: HONSINGER WELL NUMBER: # 8 ELEVATION (GROUND): 975' (TOPO)

WELL LOCATION: 2570 ± FT. FROM (N) SECTION LINE 1850 ± FEET FROM (E) SECTION LINE
(GIVE FOOTAGE FROM SECTION LINE)

WELL LOCATION: SECTION 5 TOWNSHIP 44N RANGE 33W COUNTY CASS

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 575 ± FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: 332.2 ± FEET

PROPOSED DEPTH: 300 DRILLING CONTRACTOR, NAME AND ADDRESS: PENSE BROS. DRLG. CO., INC. Box 551, FREDERICKTOWN, MO 63645 ROTARY OR CABLE TOOLS: ROTARY (AIR) APPROX DATE WORK WILL START: ON PERMIT
NUMBER OF ACRES IN LEASE: 192.22 NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 7
NUMBER OF ABANDONED WELLS ON LEASE: 2

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME: _____ ADDRESS: N/A NO OF WELLS: PRODUCING _____ INJECTION _____ INACTIVE 4 ABANDONED 2

STATUS OF BOND: SINGLE WELL AMOUNT \$ _____ BLANKET BOND AMOUNT \$ 20,000.00 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.)
N/A

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
<u>50'</u>	<u>7"</u>	<u>19.5 LB.</u>	<u>TO SURF.</u>				
<u>TD TO SURF.</u>	<u>4 1/2"</u>	<u>10.5 LB.</u>	<u>TD TO SURF.</u>	<u>approved as proposed</u>			

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: B. E. Blancett PENSE BROS. DRLG. CO., INC. DATE: 12/13/95
By: B. E. BLANCETT, ASST. V.P.

PERMIT NUMBER: 20603
APPROVAL DATE: 11/01/95
APPROVED BY: Jasper Holly Williams
 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 COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

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

OWNER: PENSE BROTHERS DRILLING CO., INC. ADDRESS: Box 551, FREDERICKTOWN, MO 63645
LEASE NAME: HOESINGER WELL NUMBER: #8 20603

LOCATION: NE/4 SEC. TWP. AND RANGE OR BLOCK AND SURVEY: 5-43N-33W

COUNTY: CASS PERMIT NUMBER (OGC-3 or OGC-3A): 20603

DATE SPUNDED: 11-02-95 DATE TOTAL DEPTH REACHED: 11-03-95 DATE COMPLETED READY TO PRODUCE OR INJECT: DRY-HOLE ELEVATION (DF, RKR, RT, OR Gr.): 975 (Gr) TOPO ELEVATION OF CASING HO FLANGE: N/A FEET

TOTAL DEPTH: 315' PLUG BACK TOTAL DEPTH: N/A

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: DRY HOLE ROTARY TOOLS USED (INTERVAL): SURF. TO T.D. CABLE TOOLS USED (INTERVAL): NIL

DRILLING FLUID USED: AIR + WATER WAS THIS WELL DIRECTIONALLY DRILLED?: NO WAS DIRECTIONAL SURVEY MADE?: NO WAS COPY OF DIRECTIONAL SURVEY FILED?: N/A DATE FILED: N/A

TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST): NO MECHANICAL LOGS - LITHOLOGY ONLY DATE FILED: BEH 11/20/96

CASING RECORD

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
<u>SURF. CSG.</u>	<u>9 5/8</u>	<u>7"</u>	<u>19.5</u>	<u>52' 09"</u>	<u>7</u>	<u>NIL</u>

TUBING RECORD LINER RECORD

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

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>DRY HOLE</u>	<u>- NO PROD. STRING OR PERFS.</u>		<u>DRY HOLE - NO STIMULATION</u>	

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION	PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP)					
<u>DRY HOLE</u>	<u>N/A</u>					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST	GAS PRODUCED DURING TEST	WATER PRODUCED DURING TEST	OIL GRAVITY
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u> bbls.	<u>N/A</u> MCF	<u>N/A</u> bbls	<u>N/A</u> API/CGP
TUBING PRESSURE	CASING PRESSURE	CALC'ED RATE OF PRODUCTION PER 24 HOURS	OIL	GAS	WATER	GAS OIL RATIO
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u> bbls.	<u>N/A</u> MCF	<u>N/A</u> bbls	<u>N/A</u>
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)						
<u>N/A</u>						

METHOD OF DISPOSAL OF MUD PIT CONTENTS

AIR RIG - CUTTINGS ONLY IN PIT - OVERFILLED WITH TOPSOIL + RESEEDED.

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE ASST. V.P. OF THE PENSE BROTHERS DRILLING 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.

DATE: 11/20/96 SIGNATURE: PENSE BROS. DRILG. Co., Inc.
By: B. E. BLANCETT, ASST. U.P.



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, MD 63645</i>			
NAME OF LEASE <i>MICHAEL MOOLSINGER</i>		WELL NUMBER <i># 8</i>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <i>20603</i>		
LOCATION OF WELL <i>NE/4</i>		SEC-TWP-RNG OR BLOCK & SURVEY <i>5, T43N, R23W</i>		COUNTY <i>CASS</i>	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: <i>PENSE BROS. DRILG. CO., INC.</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>N/A</i>		GAS (MCF/DAY) <i>N/A</i>
DATE ABANDONED <i>2/07/96</i>	TOTAL DEPTH <i>315'</i>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) <i>N/A</i>		GAS (MCF/DAY) <i>N/A</i>	
WATER (BBLS/DAY) <i>N/A</i>		DRY? <i>DRY HOLE</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	
<i>Pennsylvanian</i>		<i>VERY SLIGHT OIL + GAS SHOW</i>		<i>266 - 269</i>	
<i>(HOLE PLUGGED WITH COMPANY TOOLS, SUPERVISED BY CLIFFORD L. PENSE)</i>		<i>(HOLE FILLED FROM T.D. (315') TO APPROX. 90' FROM SURFACE WITH 63 SACKS HOLEPLUG (BENTONITE FROM 90' TO 3' FROM SURF GEL + 11 SACKS CEMENT)</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>49'03"</i>	<i>N/A</i>	<i>N/A</i>
<i>* CASING CUT OFF APPROXIMATELY 3' BELOW GROUND LEVEL.</i>					
WAS WELL FILLED WITH MUD-LADEN FLUID? <i>SEE ABOVE</i>		INDICATE DEEPEST FORMATION CONTAINING FRESH WATER <i>LIMESTONE FROM 74 TO 94' IN PENNSYLVANIAN FORM.</i>			
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
NAME		ADDRESS		DIRECTION FROM THIS WELL	
<i>ONLY AREA OPERATOR PENSE BROS. DRILG. CO., INC.</i>		<i>Box 551, FREDERICKTOWN, MO 63645</i>		<i>N/A</i>	
RECEIVED					
NOV 26 1996					
MO Oil & Gas Council					
METHOD OF DISPOSAL OF MUD PIT CONTENTS		DRILLED WITH AIR ROTARY RIG, CUTTINGS ONLY IN PIT OVERFILLED WITH TOPSOIL + TO BE RESEEDDED WITH FESCUE.			
NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)					
CERTIFICATE I, the undersigned, state that I am the <i>ASSISTANT V.P.</i> of the <i>Pense Bros Drilg Co, Inc</i> (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>PENSE BROS. DRILG. CO., INC.</i> <i>By: B. E. Blauvelt, ASST. V.P.</i>				DATE <i>11/20/96</i>	

HONSINGER # 8 - PENSE BROS. DRILG. CO., INC.

PERMIT # 20603

EL: 975 (8) TOPD

STUDED : 11/02/95

SURF. CSG.: 52'09"

T.D. : 11/03/95

- 0-8 TOPSOIL TO CLAY
8-12 LIMESTONE, SANDY, WHITE TO BUFF
12-30 SHALE SHALE, SANDY, CALCAREOUS, GREY TO BLUSH GREY
30-55 LIMESTONE, BUFF TO DENSE
55-74 SHALE (W) CONGLOMERATE AT BASE WITH SLIGHT COAL SHOW
74-94 LIMESTONE, DENSE, TAN TO LIGHT BROWN
94-108 SHALE (W) CONGLOMERATE CLAY & SLIGHT COAL SHOW AT OR
NEAR BASE
108-120 LIMESTONE (W) SHALE STRIATIONS
120-263 SHALE, VARIED, DARK GREY TO BLACK NEAR BASE
263-266 SHALE, BLACK TO CONGLOMERATE (W) SOME COAL AT BASE.
266-274 SANDSTONE TO SILTSTONE, FAIR POROSITY, FLUORESCENCE,
SL. GAS, & SLIGHT CUT FROM 266 THRU 269. SLIGHT OIL TO PCT
274-315 SHALE, GREY TO BLUSH GREY, CALCAREOUS.
T.D. 315'

RECEIVED

NOV 26 1996

MO Oil & Gas

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

11-28-95 WELL REFERENCE TIES IN THE NORTHEAST QUARTER OF SECTION 5,
TOWNSHIP 44 NORTH, RANGE 33 WEST OF THE 5TH PRINCIPAL MERIDIAN IN
CASS COUNTY, MISSOURI.

FOR: PENSE BROTHERS DRILLING CO. INC.
ADRIAN, MO 64720 816-297-4433 SHEET 1 OF 2

1"=100'
MAG BRGS
8° EAST DECL



SPIKE IN 18' HACKBERRY

N58°27'W 424.4 FEET

WELL #5

HONSINGER

WELL #7

WELL # 8

N74°43'E 1683.8 FEET

N82°32'W 332.2 FEET

S29°50'E
232.3 FEET

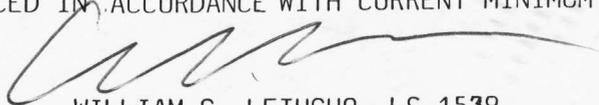
S67°50'E 534.1 FEET

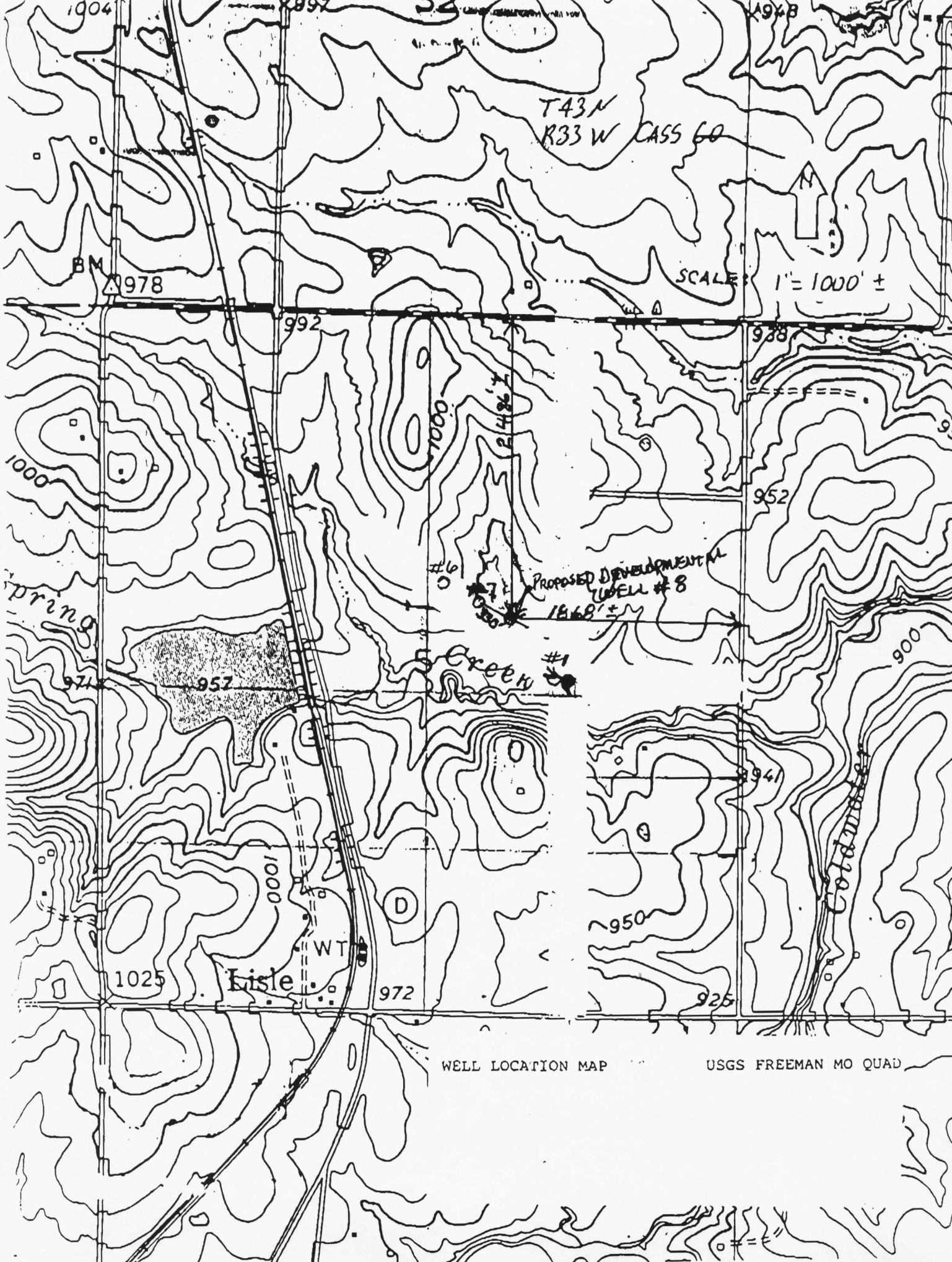


SPIKE IN WDN FENCE POST

SPIKE IN
CORNER POST

REFERENCED IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS


WILLIAM C. LETHCHO LS-1529



WELL LOCATION MAP

USGS FREEMAN MO QUAD

3

CO ROAD

R-1

33

NORTH

5

4

R-4

1"=400'±



T44N R33W

192.22 AC

WELL LOCATION MAP CASS COUNTY
TAX MAP 16-03

SHEET 2 OF 2

2570'±

HONSINGER

64.2

1413.90

690.90

CO ROAD

WELL #8

1890'±

40.00 AC

2.004
64.00 AC

4871.05

662.38

662.38

662.38

632.38

015

29 AC

WILLIAM C. LETHCHO LS-1539

2.011
19.65 AC

2.012
19.65 AC

2.013
19.65 AC

2.014
18.75 AC

1292.68

1292.68

3.33

3

3

3

Permit #: 20603

Date Issued: 11-1-95

County: Cass

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: _____

OGC FORMS	Date Received
1	
2	
3	10-31-95
3i	
4	
4i	
5	
6	
7	
8	
11	
12	
Misc. Form 2	

COMMENTS:

	TYPE	ID #	Date Received
Logs			
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: **PENSE BROTHERS DRILLING CO., INC.**
 ADDRESS: **Box 551, 800 NEWBERRY STREET**
 CITY: **FRE** STATE: **MO** ZIP CODE: **63645**
 DATE SUPPLEMENTAL TO: **10/31/95**
 DEVELOPMENTAL APP.

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: **HONSINGER** WELL NUMBER: **# 8** ELEVATION (GROUND): **975' (TOPO)**

WELL LOCATION: **2570 ±** FT. FROM (N) SECTION LINE **1850 ±** FEET FROM (E) SECTION LINE

WELL LOCATION: **NE/4** SECTION: **5** TOWNSHIP: **44N** RANGE: **33W** COUNTY: **CASS**

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: **575 ±** FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: **332.2 ±** FEET

PROPOSED DEPTH: **300**
 DRILLING CONTRACTOR, NAME AND ADDRESS: **PENSE BROS. DRLG. CO. INC. Box 551, FREDERICKTOWN, MO 63645**
 ROTARY OR CABLE TOOLS: **ROTARY (AIR)** APPROX DATE WORK WILL START: **ON PERMIT**
 NUMBER OF ACRES IN LEASE: **192.22** NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: **7**
 NUMBER OF ABANDONED WELLS ON LEASE: **2**

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
 NAME: _____ NO OF WELLS PRODUCING: _____
 ADDRESS: **N/A** INJECTION: _____
 INACTIVE: **4**
 ABANDONED: **2**

STATUS OF BOND: SINGLE WELL BLANKET BOND ON FILE
 AMOUNT \$: _____ AMOUNT \$: **20,000.00** 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.
50'	7"	19.5 LB.	TO SURF.	Approved as proposed			
TD TO SURF.	4 1/2"	10.5 LB.	TD TO SURF.				

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: **B. E. Blancett** PENSE BROS. DRLG. CO., INC. DATE: **12/13/95**
 BY: **B. E. BLANCETT, ASST. V.P.**

PERMIT NUMBER: **20603**
 APPROVAL DATE: _____
 APPROVED BY: **Jasper Holly Williams**
 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.

OFFICER'S SIGNATURE: _____ DATE: _____

W. C. Lethcho

Bates County Surveyor
Bates County Courthouse
Butler, Missouri 64730

TO: Pense Brothers
Drilling Co. Inc.
ADRIAN, MO 64720

11-28-95

For Professional Services

for spots on
Hunsinger Wells
6, 7, 8, 9, & 10

Beasley
Well #1

6 wells
@ 75⁰⁰ ea \$450⁰⁰



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

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

OWNER PENSE BROTHERS DRILLING CO., INC.	ADDRESS Box 551, FREDERICKTOWN, MO 63645
LEASE NAME HONSINGER	WELL NUMBER # 8
LOCATION NE/4	SEC. TWP. AND RANGE OR BLOCK AND SURVEY 5-43N-33W

COUNTY CASS	PERMIT NUMBER (OGC-3 OR OGC-3A) 20603
-----------------------	---

DATE SPOOLED 11-02-95	DATE TOTAL DEPTH REACHED 11-03-95	DATE COMPLETED READY TO PRODUCE OR INJECT DRY-HOLE	ELEVATION (DF, RKR, RT, OR GR.) FEET 975 (Gr) TOPO	ELEVATION OF CASING HO FLANGE N/A
TOTAL DEPTH 315'	PLUG BACK TOTAL DEPTH N/A			

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION DRY HOLE	ROTARY TOOLS USED (INTERVAL) TO SURE TO T.D.	CABLE TOOLS USED (INTERVAL) NIL
DRILLING FLUID USED AIR + WATER	DATE FILED N/A	

WAS THIS WELL DIRECTIONALLY DRILLED? NO	WAS DIRECTIONAL SURVEY MADE? NO	WAS COPY OF DIRECTIONAL SURVEY FILED? N/A	DATE FILED N/A
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) NO MECHANICAL LOGS - LITHOLOGY ONLY			DATE FILED BEH 11/20/96

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
SURF. CSG.	9 5/8	7"	19.5	52' 09"	7	NIL

TUBING RECORD				LINER RECORD			
SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A	N/A FEET	N/A FEET	N/A INCH	N/A FEET	N/A FEET	N/A	N/A 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
DRY HOLE - NO PROD. STRING OR PERKS.			DRY HOLE - NO STIMULATION	

DATE OF FIRST PRODUCTION OR INJECTION DRY HOLE		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP) N/A					
DATE OF TEST N/A	HOURS TESTED N/A	CHOKE SIZE N/A	OIL PRODUCED DURING TEST N/A bbls.	GAS PRODUCED DURING TEST N/A MCF	WATER PRODUCED DURING TEST N/A bbls.	OIL GRAVITY N/A	
TUBING PRESSURE N/A	CASING PRESSURE N/A	CALC'D RATE OF PRODUCTION PER 24 HOURS N/A		OIL N/A bbls.	GAS N/A MCF	WATER N/A bbls.	GAS OIL RATIO N/A
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD) N/A							

METHOD OF DISPOSAL OF MUD PIT CONTENTS
AIR RIG - CUTTINGS ONLY IN PIT - OVERFILLED WITH TOPSOIL + RESEEDED.

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE **ASST. V.P.** OF THE **PENSE BROTHERS DRILLING 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.

DATE: **11/20/96** SIGNATURE: **PENSE BROS. DRILG. Co., Inc.**
By: B. E. BLANCETT, ASST. V. P.

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)
Pennsylvanian	SURF	315'	* NO MECHANICAL LOGS RAN. LITHOLOGY LOG ONLY AS ATTACHED.



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, MD 63645</i>			
NAME OF LEASE <i>MICHAEL MOONSINGER</i>		WELL NUMBER <i># 8</i>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <i>20603</i>		
LOCATION OF WELL <i>NE/4</i>		SEC-TWP-RNG OR BLOCK & SURVEY <i>5, T 43N, R 33W</i>		COUNTY <i>CASS</i>	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: <i>PENSE BRDS. DRLG. CO. INC.</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 (BBL/DAY) <i>N/A</i> GAS (MCF/DAY) <i>N/A</i>		DRY? <i>DRY HOLE</i>
DATE ABANDONED <i>2/07/96</i>	TOTAL DEPTH <i>315'</i>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) <i>N/A</i> GAS (MCF/DAY) <i>N/A</i>		WATER (BBL/DAY) <i>N/A</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	
<i>Pennsylvanian</i>		<i>VERY SLIGHT OIL + GAS SHOW</i>		<i>266 - 269</i>	
<i>(HOLE PLUGGED WITH COMPANY TOOLS, SUPERVISED BY CLIFFORD L. PENSE)</i>					
<i>(HOLE FILLED FROM T.D. (315') TO APPROX. 90' FROM SURFACE WITH 63 SACKS HOLEPLUG BENTONITE FROM 90' TO 3' FROM SURF SET 11 SACKS CEMENT)</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>* 49'03"</i>	<i>N/A</i>	<i>N/A</i>
<i>* CASING CUT OFF APPROXIMATELY 3' BELOW GROUND LEVEL.</i>					
WAS WELL FILLED WITH MUD-LADEN FLUID? <i>SEE ABOVE</i>		INDICATE DEEPEST FORMATION CONTAINING FRESH WATER <i>LIMESTONE FROM 74' TO 94' IN PENNSYLVANIAN FORM.</i>			
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
NAME		ADDRESS		DIRECTION FROM THIS WELL	
<i>ONLY AREA OPERATOR</i>		<i>PENSE BROS. DRLG. CO. INC. Box 551, FREDERICKTOWN, MD 63645</i>		<i>N/A</i>	
RECEIVED					
NOV 26 1996					
MO OIL & Gas Council					
METHOD OF DISPOSAL OF MUD PIT CONTENTS		DRILLED WITH AIR ROTARY RIG, CUTTINGS ONLY IN PIT OVERFILLED WITH TOPSOIL + TO BE RESEEDDED WITH FESCUE.			
NOTE: FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)					
CERTIFICATE: I, the undersigned, state that I am the <i>ASSISTANT V.P.</i> of the <i>Pense Bros Drilg Co. Inc</i> (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>By: B. E. Blauvelt, ASST. V.P.</i>				DATE <i>11/20/96</i>	

HONSINGER # 8 - PENSE BRAS. DRILLING CO., INC.

PERMIT # 20603

EL: 975 (8) TOPO

SURF. CSG.: 52'09"

STUDDER : 11/02/95

T.D. : 11/03/95

- 0-8 TOPSOIL TO CLAY
8-12 LIMESTONE, SANDY, WHITE TO BUFF
12-30 SHALE SHALE, SANDY, CALCAREOUS, GREY TO BLUSH GREY
30-55 LIMESTONE, BUFF TO DENSE
55-74 SHALE (W) CONGLOMERATE AT BASE WITH SLIGHT COAL SHOW
74-94 LIMESTONE, DENSE, TAN TO LIGHT BROWN
94-108 SHALE (W) CONGLOMERATE CLAY & SLIGHT COAL SHOW AT OR
NEAR BASE
108-120 LIMESTONE (W) SHALE STRIATIONS
120-263 SHALE, VARIED, DARK GREY TO BLACK NEAR BASE
263-266 SHALE, BLACK TO CONGLOMERATE (W) SOME COAL AT BASE.
266-274 SANDSTONE TO SILTSTONE, FAIR POROSITY, FLUORESCENCE,
SL. GAS, & SLIGHT CUT FROM 266 THRU 269. SLIGHT OIL TO PCT.
274-315 SHALE, GREY TO BLUSH GREY, CALCAREOUS.
T.D. 315'

RECEIVED

NOV 26 1996

MO Oil & Gas

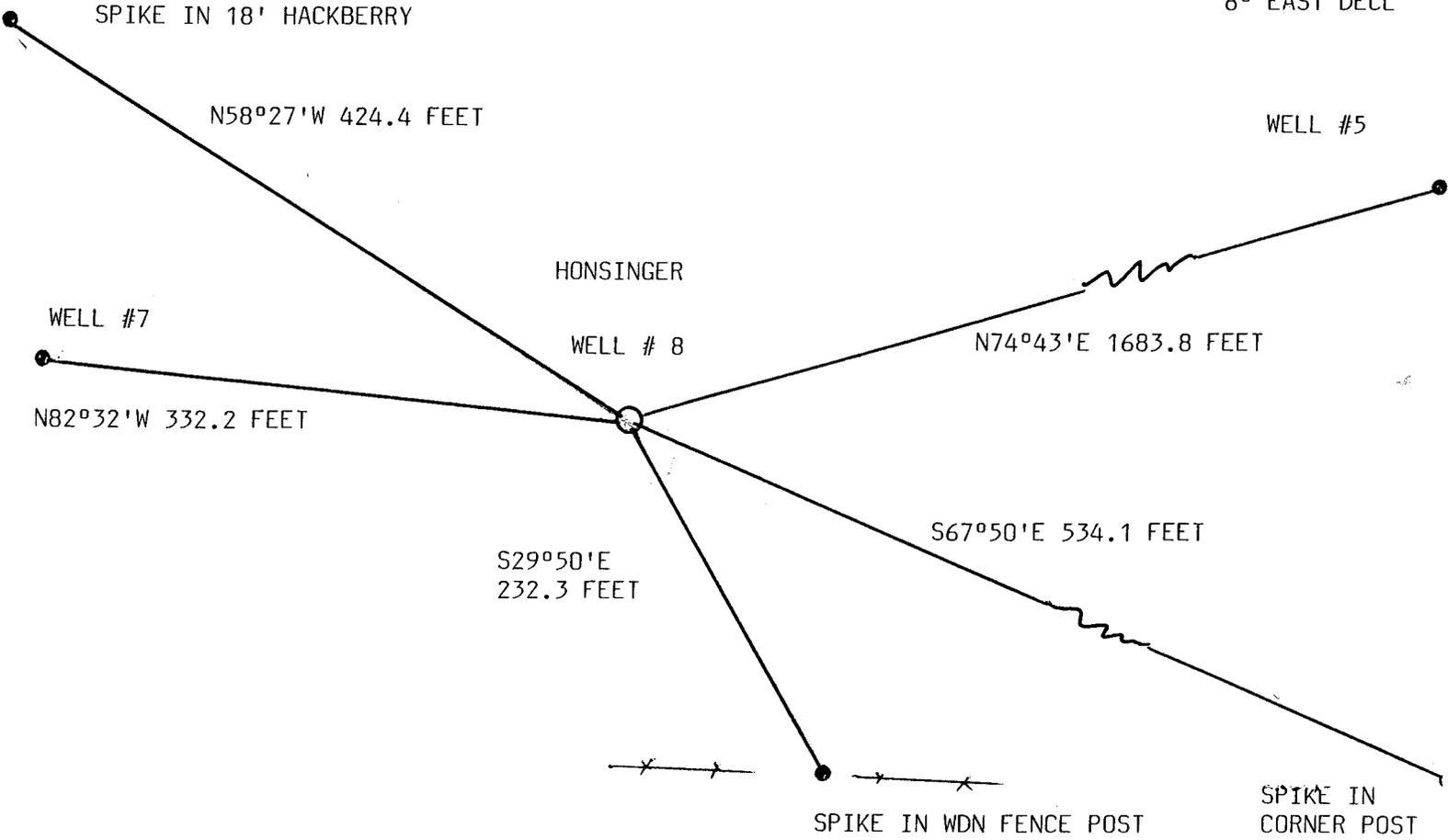
W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

11-28-95 WELL REFERENCE TIES IN THE NORTHEAST QUARTER OF SECTION 5,
TOWNSHIP 44 NORTH, RANGE 33 WEST OF THE 5TH PRINCIPAL MERIDIAN IN
CASS COUNTY, MISSOURI.

FOR: PENSE BROTHERS DRILLING CO. INC.
ADRIAN, MO 64720 816-297-4433 SHEET 1 OF 2

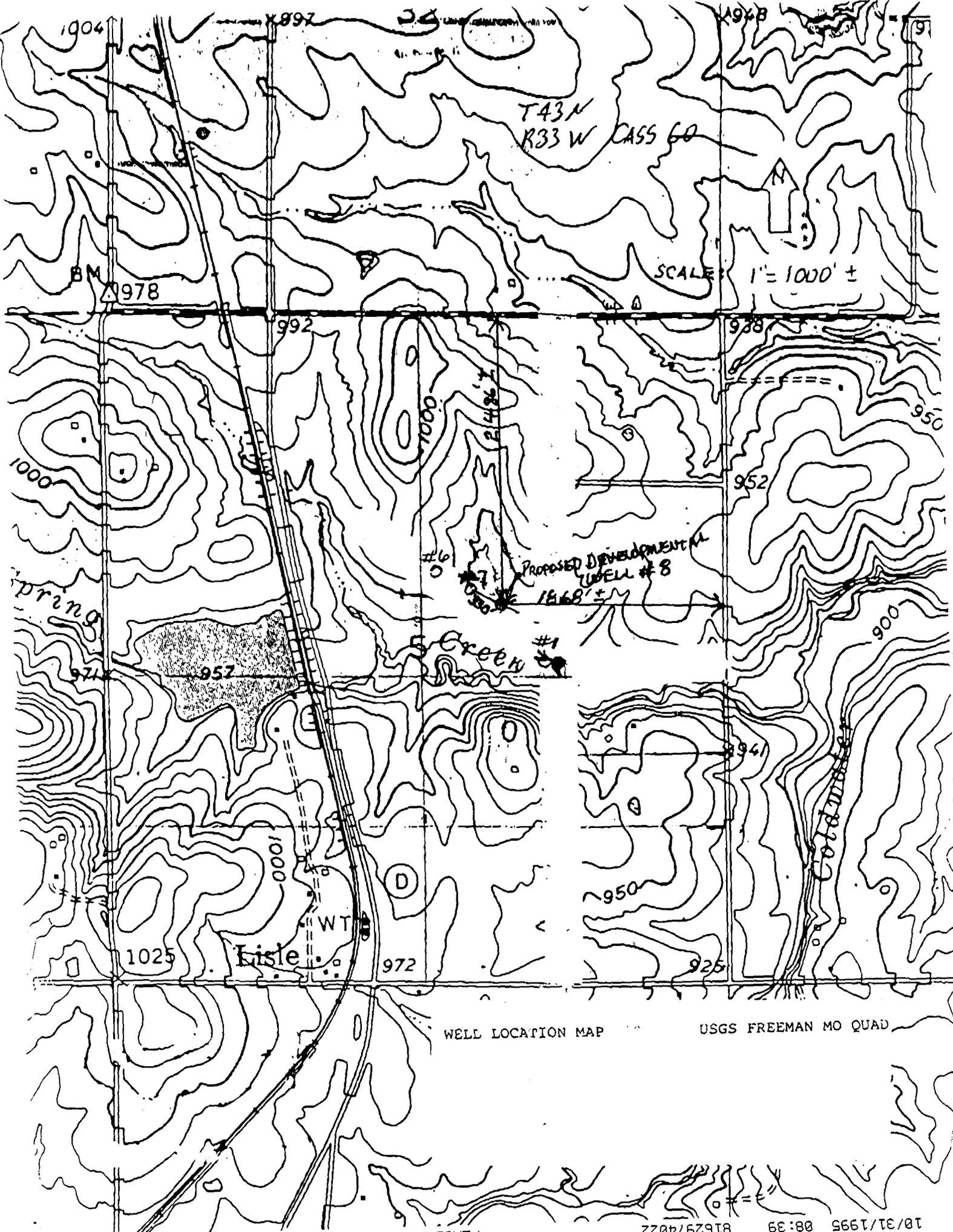


1"=100'
MAG BRGS
8° EAST DECL



REFERENCED IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS

William C. Lethcho
WILLIAM C. LETHCHO LS-1529



T43N
R33W CASS 60

SCALE 1" = 1000' ±

PROPOSED DEVELOPMENTAL
WELL # 8
1868' ±

WELL LOCATION MAP

USGS FREEMAN MO QUAD

3

CO ROAD

R-1

32 33

R-4

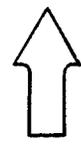
NORTH

5

4

T44N R33W

1"=400'±



192.22 AC

WELL LOCATION MAP CASS COUNTY
TAX MAP 16-03

SHEET 2 OF 2

2570'±

HONSINGER

GL 2

CO ROAD

WELL #8

1890'±

1.8
40.00 AC

2.004
45.00 AC

1413.90

1690.90



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: **PENSE BROTHERS DRILLING CO., INC.**
ADDRESS: **Box 551, 800 NEWBERRY ST. FREDERICKTOWN MO 63645**
DATE: **10/31/95**

DESCRIPTION OF WELL AND LEASE
NAME OF LEASE: **HONSINGER** WELL NUMBER: **# 8 (DEVELOPMENTAL)** ELEVATION (GROUND): **975 (TOP)**

WELL LOCATION: **Lot 1 of NE 1/4 SECTION 5 TOWNSHIP 43 N RANGE 33 W COUNTY CASS**
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: **575'** FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: **300'** FEET
DRILLING CONTRACTOR NAME AND ADDRESS: **PENSE BROS DRILG. CO., INC.**
ROTARY OR CABLE TOOLS: **ROTARY (AIR)** APPROX DATE WORK WILL START: **ON PERMIT**
NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: **7**
NUMBER OF ABANDONED WELLS ON LEASE: **192.22**
NAME: **N/A** NO OF WELLS PRODUCING: **4**
ADDRESS: **N/A** INJECTION: **2**
ABANDONED: **2**

STATUS OF BOND: SINGLE WELL AMOUNT \$ BLANKET BOND AMOUNT \$ **20,000.00** 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):
N/A

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
50'	7"	19.5 LB	TO SURF	Approved as Proposed			
TD TO SURF	4 1/2"	10.5 LB	TO SURF				

I, the undersigned, state that I am the **ASSY. V. P.** of the **PENSE BROS DRILG 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. BLANCETT** PENSE BROS DRILG CO, INC DATE: **10/31/95**

FORM NUMBER: **20603**
APPROVAL DATE: **11/1/95**
APPROVED BY: **James Holly Wise**
 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 ANOTHER 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.
_____ 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: _____

FACSIMILE TRANSMISSION SHEET

LOG # MOTGB-95 Ref./P.O No: USE # 40895-1 Date: 10/31/95 Time: _____
Written: _____

TO: MISSOURI OIL AND GAS COUNCIL
COMPANY NAME

314-368-2111 Mr. Evan Kifer, Chief UIC/OIL & GAS UNIT
FAX # ATTENTION DEPT #

FROM: PENSE BROTHERS DRILLING CO., INC.
COMPANY NAME

816-297-4022 B. E. Blancett ADRIAN FIELD OFFICE
FAX # INDIVIDUAL DEPT #

No. of pages including this transmission sheet 4 Please reply on this fax Originators Signature PENSE BROS. DRUG. Co., Inc
BY: B E Blancett, ASST VP

MESSAGE:
PERMIT APPLICATION (OGC-3) FOR HOUSINGER # 8 DEVELOPMENTAL
WELL, LOT 1 OF NE 1/4 SEC 5, T 43N, R 33W, CASS CO., MO.

PLEASE INFORM US IMMEDIATELY IF YOU DO NOT RECEIVE FACSIMILE IN FULL