Permit #: 20035 Date Issued: 10-13-89

County: BATES Date Cancelled:

CONFIDENTIAL UNTIL: Date Plugged:

OGC FORMS	Date Received
1	
2	
3	10-13-89
3i	
4	10-13-89
4i	
5	
6	4-25-94
7	
8	
11	
12	
Misc. Form 2	

COMMENTS:

	TYPE	ID #	Date Received
Logs			
Samples	chip	NOT REQUIRED	
	core		
Analyses	water		
	core		

Additional Submitted Data:

FORM OGC-3

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		DATE	
Pense Brothers Drilling Co., Inc., a Missouri corporation		9/29/89	
ADDRESS 800 Newberry Street P. O. Box 551	CITY Fredericktown	STATE MO	ZIP CODE 63645

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE	WELL NUMBER	ELEVATION (GROUND)
Charles L. Feris, et ux	Feris No. 1	970'

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)

660 FT. FROM (N)(S) SECTION LINE 1980 FEET FROM (E)(W) SECTION LINE

WELL LOCATION	SECTION	TOWNSHIP	RANGE	COUNTY
C NW/4 NE/4	12	41 N	32 W	Bates

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 660 FEET

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

PROPOSED DEPTH	DRILLING CONTRACTOR, NAME AND ADDRESS	ROTARY OR CABLE TOOLS	APPROX. DATE WORK WILL START
790'	Pense Brothers Drilling Co., Inc.	Rotary (Air)	10/03/89 or on permit

NUMBER OF ACRES IN LEASE: 80

NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 1

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME N/A

ADDRESS

NO. OF WELLS: PRODUCING N/A; INJECTION N/A; INACTIVE N/A; ABANDONED N/A

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.
90'	7"	17 lbs.	to surf.	✓	✓	✓	✓
T.D. to Surf	4 1/2"	7.75 lbs.	to surf.	✓	✓	✓	✓

I, the undersigned, state that I am the 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 Clifford L. Pense — DATE 9/29/89

Clifford L. Pense

PERMIT NUMBER 20035

APPROVAL DATE 10-13-89.

APPROVED BY James Hall Wellman

☑ 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

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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 _____

MO 780-0211 (2-88)

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

MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

WELL LOCATION PLAT

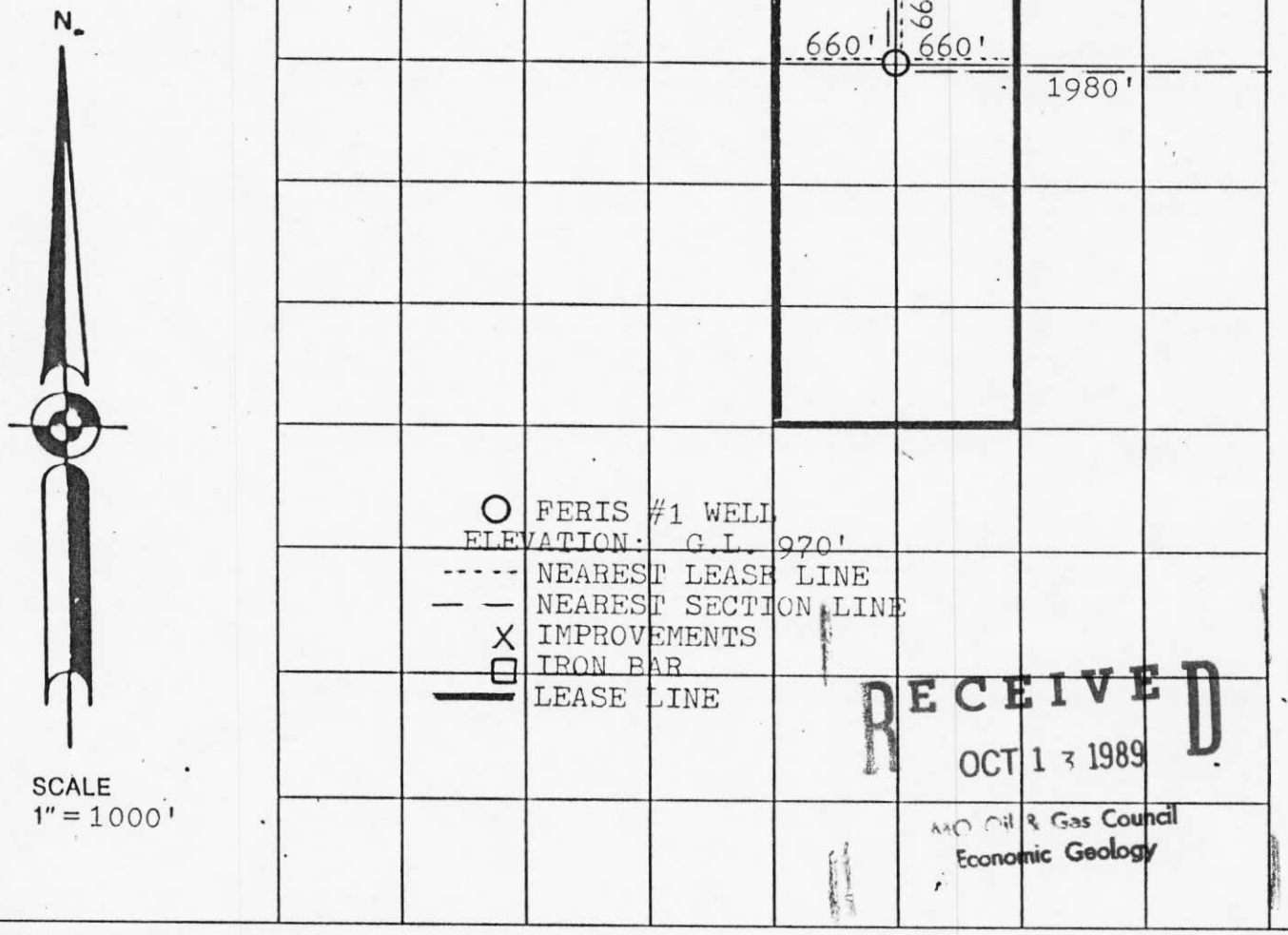
FORM OGC-4

OWNER: PENSE BROTHERS DRILLING CO., INC.

LEASE NAME: CHARLES L. FERIS AND EDNA M. FERIS

COUNTY: BATES

660 FEET FROM N (N) - (S) SECTION LINE AND 1980 FEET FROM E (E) - (W) SECTION LINE OF SEC. 12, TWP 41 N, RANGE 32



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REMARKS

PERMIT APPLICATION FOR FERIS #1 WELL. NO BUILDINGS OR IMPROVEMENTS ON ABOVE DESCRIBED LEASE EXCEPTING FENCES, PONDS AND TREES. THERE ARE ~~NO PRODUCING WELLS NOR ABANDONED WELLS ON SUBJECT LEASE AT THIS TIME.~~ WELL SITE IS ON GRASS LAND.

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.

9-27-89 (SEAL)

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

REGISTERED LAND SURVEYOR: WILLIAM C. LETHCHO
BATES COUNTY SURVEYOR

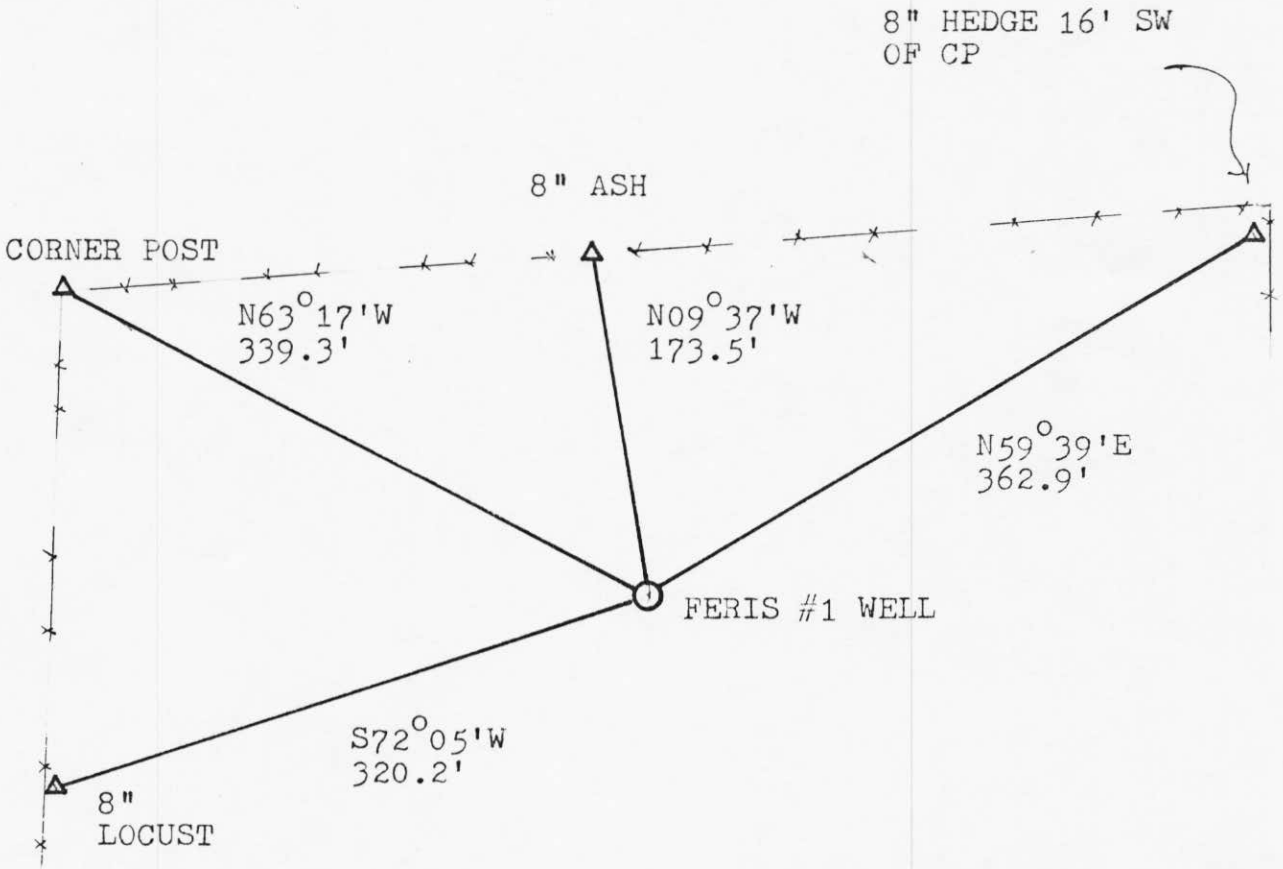
NUMBER: LS-1539

MO 780-0213 (10-87)

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

SEPTEMBER 25, 1989
FERIS #1 WELL REFERENCE TIES
NORTH LINE OF 12-41-32 ASSUMED EAST-WEST

1"=100'



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

9-25-89

WILLIAM C. LETHCHO LS-1539
BATES COUNTY SURVEYOR

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

NOTICE OF INTENTION TO ABANDON WELL

FORM OGC-6

NAME OF LEASE	DATE
CHARLES L. FERIS, ET UX.	4/20/94

WELL NUMBER	LOCATION
1	660 FEET FROM (N)~~(S)~~ SECTION LINE AND 1980 FEET FROM (E)~~(W)~~ SECTION LINE OF

SECTION	TOWNSHIP	RANGE	COUNTY
12	41N	32W	BATES

THE ELEVATION OF THE GROUND AT WELL SITE IS	PERMIT NUMBER (OGC-~~8 OR OGC-31 NUMBER~~)
970 FEET ABOVE SEA LEVEL.	20035

NAME OF CONTRACTOR OR COMPANY THAT WILL DO WORK IS:

PENSE BROTHERS DRILLING CO., INC.

ADDRESS	CITY	STATE	ZIP CODE
800 NEWBERRY ST. P.O. Box 551	FREDERICKTOWN	MO	63645

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

THIS WELL REACHED TOTAL DEPTH OF 1005' 12/23/89. SURFACE HOLE OF 9 3/4" DRILLED TO 105', 104.5' OF 7" (17 LB.) SURFACE CASING WAS RAN AND CEMENTED TO SURFACE WITH 15 SACKS CEMENT. 6 1/4" HOLE WAS DRILLED FROM 105' TO 1005' WITH HOLE PLUGGED BACK TO 435'. (HEAVY MUD TO 750' FROM T.D. – CEMENT FROM 750' UP TO 720' – HEAVY MUD FROM 720' T 460' – CEMENT FROM 460' UP TO 435') HOLE EVIDENCED SOME WATER + AMPLE GAS FOR DOMESTIC USE FROM 350' TO 415'. NEW LANDOWNER, JAMES L. KIDWELL (+ SONS) WANTED WELL FOR DOMESTIC GAS BUT HAVE FAILED FROM 1990 TO PRESENT TO MAKE NECESSARY ARRANGEMENTS TO TAKE WELL OVER. PROPOSED PLUGGING IS APPROXIMATELY 30' CEMENT FROM 350' UP TO 320', HEAVY MUD UP TO 35', AND CEMENT FROM 35' TO APPROXIMATELY 5', WITH CASING CUT OFF FROM GROUND LEVEL TO APPROXIMATELY 4' BELOW GROUND LEVEL. PIT HAS BEEN FILLED, LEVELLED, AND RESTORATION DONE AT SITE. NO CASING TO BE PULLED. SURF CASING TO BE CUT + CAPPED 4' FROM SURF. LITHOLOGY LOG ATTACHED.

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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	DATE
B E Blancett B.E. BLANCETT	4/20/94

MO 780-0214 (10-87)

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

TORIG NO. 1 WELL - PERMIT NO. 20035
C NW/4 NE/4 SEC. 12, 41N-32W, BATES CO., MO.
ELEVATION: 970' (TOPO) PEASE BROS. DRG. CO., INC.

BRB 4/15/90

0 - 5	TOPSOIL, BROWN, SANDY CLAY
5 - 15	SHALE & CLAY, CALCAREOUS, GREY TO BLUE GREY
15 - 18	LIMESTONE WITH SANDSTONE STRIATIONS, SLIGHT WATER SHOW, TAN TO BUFF.
18 - 35	SHALE & CLAY, SANDY, TRACE MICA & PYRITE, CALCAREOUS, GREY
35 - 55	SANDSTONE, VERY FINE GRAINED, SHALY, GREY
55 - 225	SHALE, SILTY TO SANDY, SOFT, DENSE TO OCCASIONALLY FRIABLE, SOME SLIGHTLY CALCAREOUS, GREY TO LIGHT GREY
225 - 255	SILTSTONE TO FINE GRAINED SANDSTONE, SHALY, CALCAREOUS, GREY TO TAN
255 - 260	LIMESTONE, OOLITIC, SOME DENSE, TAN TO LIGHT BROWN
260 - 310	SHALE, DENSE TO SOFT, SLIGHTLY CALCITIC, GREY TO BLUE-GREY
310 - 325	LIMESTONE, DENSE, GREY TO LIGHT BROWN
325 - 330	SHALE, SLIGHTLY CALCAREOUS, DARK GREY TO BLACK
330 - 335	LIMESTONE, DENSE, SHALY, GREY TO DARK GREY
335 - 350	SHALE, CALCAREOUS, LIGHT GREY
350 - 375	SANDSTONE, FINE GRAINED, TRACES MICA & PYRITE, SLIGHTLY CALCITIC, FEW SHALE STRIATIONS, SLIGHT GAS SHOW, GREY TO WHITE
375 - 415	AS ABOVE, CALCAREOUS, SLIGHTLY CALCITIC, SOME STAINING, FLUORESCENCE & OIL CUT, LIGHT BROWN TO GREY
415 - 425	SHALE, SOFT, GREY TO DARK GREY
425 - 435	LIMESTONE, DENSE, BUFF TO GREY
435 - 620	SHALE, DENSE TO SILTY, GREY TO BLUE GREY
620 - 630	SANDSTONE, FINE GRAINED TO MEDIUM GRAINED, LIGHT GREY
630 - 635	SHALE, DENSE, DARK GREY
635 - 650	SANDSTONE, FINE TO MEDIUM GRAINED, SHALE STRIATIONS, GREY TO LIGHT GREY

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PARIS NO. 1 WELL, CON'TD.

BEB 1/15/90

650-675	SILTSTONE, SHALE + SANDSTONE STRINGERS, GREY TO LIGHT GREY
675-725	SHALE, SILTSTONE STRIATIONS, GREY TO BLUE-GREY
725-750	SANDSTONE, FINE GRAINED, SHALY SILTSTONE AND SHALE STRINGERS.
750-755	LIMESTONE, SLIGHT MINERALIZATION, DENSE, SANDY, WHITE TO GREY
755-760	DOLOMITIC LIMESTONE + CHERT, SHALY, FEW PYRITE PARTICLES, LIGHT BROWN TO BUFF.
765-775	DOLOMITE + CHERT, LIGHT GREY TO WHITE
775-825	LIMESTONE + CHERT, LIGHT BROWN TO WHITE
825-880	DOLOMITIC LIMESTONE, SLIGHTLY CRYSTALLINE, CHERT, BROWN TO GREY
880-890	LIMESTONE, DOLOMITIC, SHALY, DARK GREY
890-1005	DOLOMITIC LIMESTONE, ABUNDANT CHERT, CALCITE CRYSTALS AT 975' TO 980', SLIGHT MINERALIZATION AT 950', SUCROSIC 1000' TO 1005'.

T.D. 1005'

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PENSE BROS.
DRILLING COMPANY, INC.
EXPLORATION DRILLING
P.O. Box 551, 800 Newberry St.
Fredericktown, MO 63645
(314) 783-3347
FAX (314) 783-7954

MR. EVAN KIFER, CHIEF
UIC, OIL & GAS UNIT

WHILE YOU STATED YOU HAVE OUR "NOTICE OF INTENTION TO ABANDON WELL", FORM OGC-6, WE DO NOT HAVE RECEIPTED COPY OF SAME AND AM SENDING THESE TWO OGC-6 FOR THE FERIS #1 WELL, PERMIT NO. 20035.

Pense Bros Drlg Co, Inc.
By: B E Blancett -

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