MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

FORM OGC 3

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: 4/02/94
ADDRESS: P.O. BOX 551
CITY: FREDERICKTOWN
STATE: MO
ZIP CODE: 63645

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: MARKHAM
WELL NUMBER: 4 (DEVELOPMENTAL)
ELEVATION (GROUND): 952 (TOPO)
WELL LOCATION: 820 FT. FROM (N)(S) SECTION LINE 770 FEET FROM (E)(W) SECTION LINE
SECTION: SE/4 SE/4 5
TOWNSHIP: 43N
RANGE: 33W
COUNTY: CASS
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 472 FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE: 330.8 FEET
PROPOSED DEPTH: 300'
NUMBER OF ACRES IN LEASE: 60
DRILLING CONTRACTOR, NAME AND ADDRESS: PENSE BROS. DRG. CO. INC Box 551, FREDERICKTOWN, MO 63645
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: 3
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 1, INJECTION, INACTIVE 2, ABANDONED

STATUS OF BOND: ☐ SINGLE WELL AMOUNT $ ☒ 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.)

N/A

PROPOSED CASING PROGRAM

AMOUNT	SIZE	WT/FT	CEM.
50'	7"	19.5 LB	TO SURF
295'	4 1/2"	9.5 LB	TO SURF

APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEM.
"	"	"	"
"	"	"	"

I, the undersigned, state that I am the ASSISTANT V. P. 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 Blancett
B. E. BLANCETT
DATE: 4/02/94

PERMIT NUMBER: #20573
APPROVAL DATE: 2/18/94 per Fax
APPROVED BY: James Holly Williams OK

☑ 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

RECEIVED
APR 07 1994
MO Oil & Gas Council

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 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: P.O. BOX 551, FREDERICKTOWN, MO 63645
LEASE NAME: JOHN W. MARKHAM, ET UX	WELL NUMBER: 4
LOCATION: SE/4 SE/4	SEC. TWP. AND RANGE OR BLOCK AND SURVEY: 5, T43N, R 33W
COUNTY: CASS	PERMIT NUMBER (OGC-3 ~~OR OGC-31~~): 20573
DATE SPUDDED: 3/20/94	DATE TOTAL DEPTH REACHED: 3/22/94
DATE COMPLETED READY TO PRODUCE OR INJECT: 6/17/94	ELEVATION (DF, RKR, RT, OR Gr.) FEET: 952 (TOPO)
ELEVATION OF CASING HD. FLANGE: 953.6 FEET	TOTAL DEPTH: 300'
PLUG BACK TOTAL DEPTH: N/A	
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: 247' THRU 254' & 265' THRU 270'	ROTARY TOOLS USED (INTERVAL): 0 TO 300'
DRILLING FLUID USED:	CABLE TOOLS USED (INTERVAL): N/A
WAS THIS WELL DIRECTIONALLY DRILLED? N/A	WAS DIRECTIONAL SURVEY MADE? N/A
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): GAMMA-NEUTRON	DATE FILED: 6/20/94

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
SURF CSG	8 5/8"	7"	19 LB.	51'04"	4	NIL
PROD CSG	6 1/4"	4 1/2"	9.5 LB.	289'08"	52	NIL

TUBING RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE
2 3/8 IN.	260 FEET	N/A FEET	N/A INCH

LINER RECORD

TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A FEET	N/A FEET	N/A	N/A FEET

PERFORATION RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL
2	3 1/8" DML-HSC	247'-254', 265'-270'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
250 GAL. 15% HCL 4000 LB 10/20 SAND 2000 LB 8/12 SAND	26 HOLES; 247'-254', 265'-270'

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.
6/17/94	P+F (1 1/2" x 4', ALL BRASS, 4 CUP @ CUP HOLDDOWN TO 5/8 ROD)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST	GAS PRODUCED DURING TEST	WATER PRODUCED DURING TEST	OIL GRAVITY
6/17/94	24	N/A	6 bbls.	3 MCF	10 bbls.	32.9 API (CORR.)

TUBING PRESSURE	CASING PRESSURE	CAL'TED RATE OF PRODUCTION PER 24 HOURS	OIL	GAS	WATER	GAS OIL RATIO
N/A	64 LBS	6	6 bbls.	3 MCF	10 bbls.	500-1

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD): VENTED

METHOD OF DISPOSAL OF MUD PIT CONTENTS: CUTTINGS ONLY, NO ADDITIVES, TO BE OVERFILLED WITH TOPSOIL

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE ASS'T. V. P. OF THE Pense Bros. Drlg. 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	SIGNATURE
6/20/94	B E Blancett B. E. BLANCETT

RECEIVED
JUN 22 1994

MO 780-0215 (1-86) (Rev. 1-86)

MO Oil & Gas Council

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)
Penn.	195'	210'	SHALE, DENSE, DARK GRAY
	210'	215'	LIMESTONE, DENSE, GRAY TO TAN, WITH FEW SHALE STRIATIONS.
	215'	245'	SHALE, DENSE TO FRIABLE, BLUE-GRAY TO DARK GRAY, SLIGHT CLAY WITH COAL SEAM AT BASE.
	245'	250'	SANDSTONE, ROUNDED TO SUBROUNDED, GOOD FLUORESCENCE, STAIN & CUT WITH SOME FREE OIL TO PIT WHILE DRILLING
	250'	255'	SANDSTONE, FINE GRAINED, CALCAREOUS, FAIR FLUORESCENCE, STAIN & CUT, SLIGHT AMOUNT FREE OIL TO PIT WHILE DRILLING.
	255'	265'	SHALE, GRAY TO DARK GRAY TO BLACK AT BASE.
	265'	270'	SANDSTONE, FAIR TO GOOD FLUORESCENCE, STAIN & CUT, SOME POROSITY, CALCITIC, SOME FREE OIL TO PIT WHILE DRILLING
	270'	300'	SHALE, DENSE, GRAY TO DARK GRAY.
		300' T.D.	

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

WELL REFERENCE TIES IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 43 NORTH, RANGE 33 WEST OF THE 5TH PRINCIPAL MERIDIAN IN CASS COUNTY, MISSOURI.

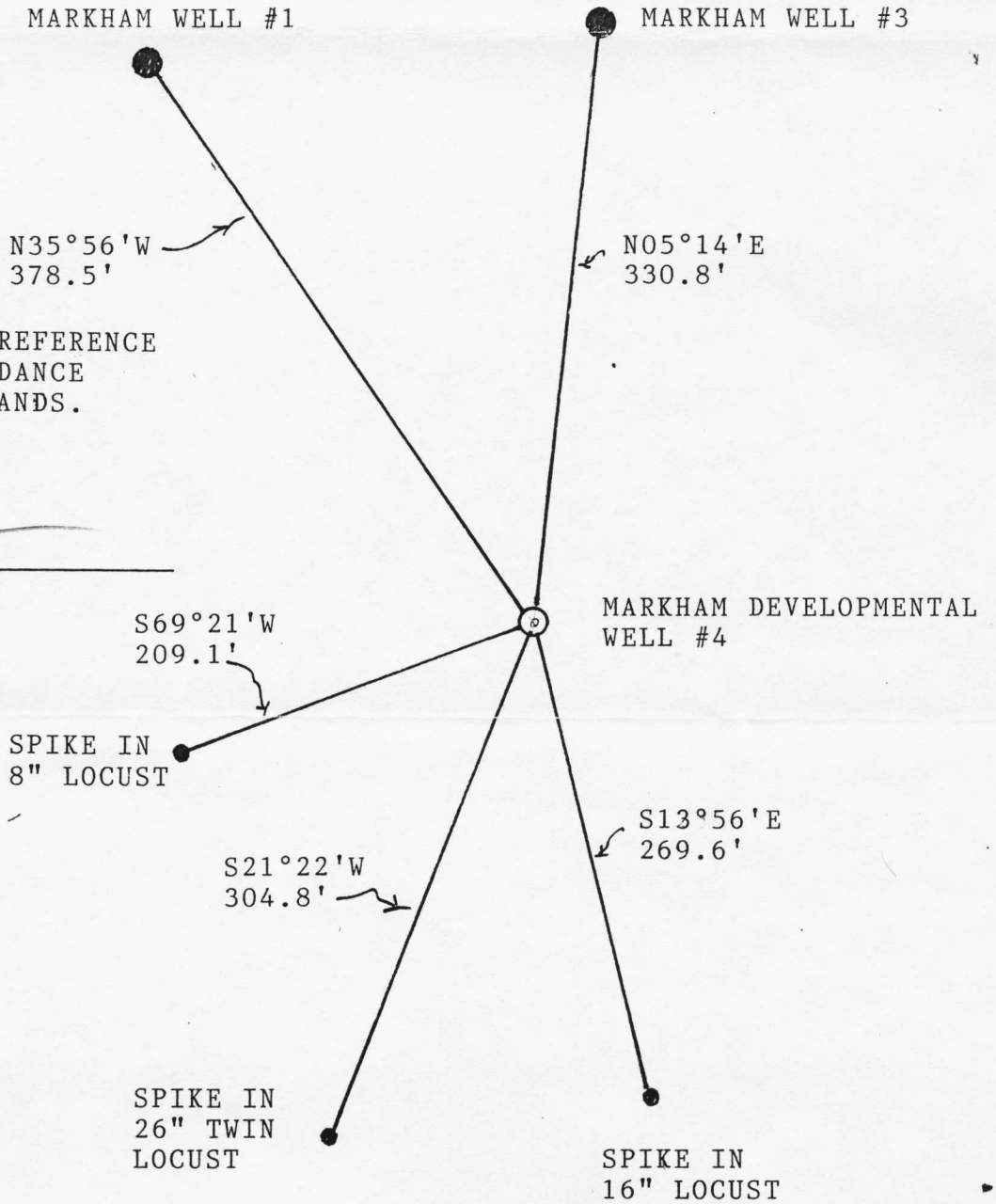
NORTH

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

SHEET 1 OF 2

1"=100'
MAG. BRGS.
8° EAST DECL.

APRIL 2, 1994



THIS IS TO CERTIFY THE REFERENCE TIES SHOWN ARE IN ACCORDANCE WITH CURRENT MINIMUM STANDS.

WILLIAM C. LETHCHO
LS-1539

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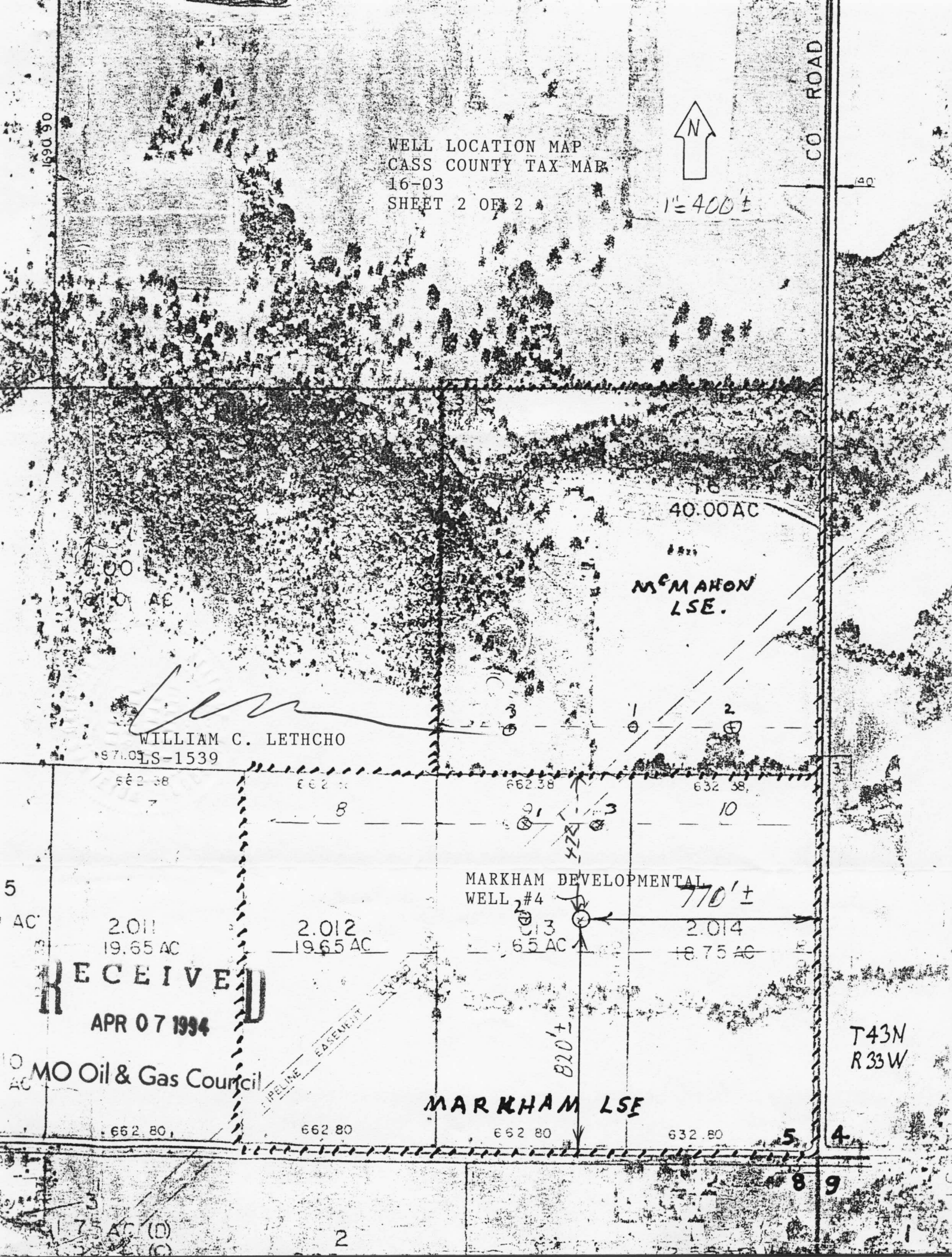

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MO Oil & Gas Council

037-20573

Bless each of you,
ester and Freda Shipley 13-1tc
Drexel,
hank you for sponsoring the first
al tri-county cat show. Your
tions helped a lot. We got enough
y that we may have it again next
We'd also like to thank the
le that came to see our pieces,
our teacher, Shirley Williams
nally. If you didn't come this
please come next year.
gned,
ck Thomas and Sheila Musick
13-1tc

[redacted]

RENT—
bedroom apartment in Drexel.
and refrigerator. No Pets. Non-
er. $300 rent and $300.00 de-
. Water and trash paid. 657-
16-1tc

RENT—
obile Home parking spaces,
State Street, Drexel. Call 816-
2171. 9-tfn

[redacted]

AL CANDY route. 30 vending
ines. Earn apx. $800/day. All
995. Call 1-800-998-VEND.
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.S. & for your family car.
ge commercial/retail accounts.
mum cash investment $19,500.
-397-6645.

[redacted]

[redacted]

NOTICE—
Drexel Scouts 242 will hold first pack meeting, Monday, September 22, 6:30 p.m., Drexel Methodist Church basement. Ages 1st - 4th Grades. 657-2481. JOIN NOW!

PUBLIC NOTICE
Pepke Bros. has applied for salt water disposal/injection wells to be drilled to an approximate depth of 300 feet, at the following locations: Markham #4, SE SE SE; McMahon #1W, SW, NE, SE; McMahon #2W, SW NE SE; McMahon #3W, SE NE SE; Honsinger #1W, SW SE NE; Honsinger #2W, SW SE NE all in Section 5, Township 43N, Range 33W in Cass County, Missouri.
Written comments or request for additional information regarding such wells should be directed within fifteen (15) of this notice to
State Geologist
Missouri Oil & Gas Council
P.O. Box 250
Rolla, MO 65401

WANTED low band portable radio with or without charger. K.E. Hatten, 816-657-2102.

OWN FOR THE PRICE OF RENTING! Build your home NOW, without the downpayment banks demand. Complete construction & permanent financing if qualified. DeGeorge Home Alliance, 1-800-343-2884.

MORTGAGE LENDING. Refinance 1st, 2nds, all types of credit, Professional Lending Services Inc., Columbia, Mo. 1-800-530-

Saturday, September 20th and Sunday September 21st, 8 a.m. - ? 4th & Main, Drexel, Mo. across from Drexel School. Women's suits, women's casual wear, children's clothing, infant wear, misc., household items, bike, carpet etc. Rain cancels until September 27. 13-1tc

Appeared in the Sept 18, 1997 issue of The Drexel Star

First perfect score of year takes Power Points prize

With upsets striking with alarming regularity, it was beginning to look like we'd never see a perfect score in the Missouri POWER POINTS Football Contest.

But all that came to an end during Week 3.

Steve Crites of Brighton, Mo. tallied the year's first perfect score of 136 points to take home state honors and the accompanying $1,000 cash prize in the contest.

Crites entered the contest through the Bolivar Herald-Free Press newspaper.

Local winners were: Adrian - John Gross 121 points; Drexel - David Duncan 105 points.

Cinema 6 of Harrisonville
In the Mill-Walk Mall
2727 Dahlrell Road
All Shows Seen Before 6:00 P.M. Are $3.50 All Seats
Sept. 19-Sept. 25 @ 4:00; 6:40; 9:00 with a Sat. & Sun. Matinee @ 1:30
Sean Penn & Michael Douglas in