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APR 06 2009

Mo Oil & Gas Council

MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
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: Mark Ackerson — DATE: 3-17-09

ADDRESS: 8821 East 85th St — CITY: Raytown — STATE: MO — ZIP CODE: 64138

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: Mark Ackerson — WELL NUMBER: 01 — ELEVATION (GROUND): 1050'

WELL LOCATION: 447 FT. FROM (N) (S) SECTION LINE (GIVE FOOTAGE FROM SECTION LINES) 730 FT. FROM (E) (W) SECTION LINE

WELL LOCATION — SECTION: 3 — TOWNSHIP: 44 — RANGE: 32 — LATITUDE: N38° 39.287' — LONGITUDE: W 094° 26.762' — COUNTY: Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 228 FEET

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

PROPOSED DEPTH: 400' — DRILLING CONTRACTOR, NAME AND ADDRESS: Evans Energy Dev. Inc. 11 Lewis Parker KS 66011 — ROTARY OR CABLE TOOLS: Rotary — APPROX. DATE WORK WILL START: 4-1-09

NUMBER OF ACRES IN LEASE: 22 — NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: None

NUMBER OF ABANDONED WELLS ON LEASE: None

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

NO. OF WELLS: PRODUCING ___ INJECTION ___ INACTIVE ___ ABANDONED ___

STATUS OF BOND: ☒ SINGLE WELL AMOUNT $ 1000.00 ☐ 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/INJECTION ZONE AND EXPECTED NEW INJECTION 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.
20 feet	8 5/8"	22#	Neat	85 X			
400 feet	4 1/2"	10.5#	P.O.Z	50 X			

I, the undersigned, state that I am the Owner of the Property (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: Mark Ackerson — DATE: 3-17-09

PERMIT NUMBER: 20838

APPROVED DATE: 4-21-09

APPROVED BY: Joseph A. Miller

☒ DRILLER'S LOG REQUIRED
☒ CORE ANALYSIS REQUIRED IF RUN
☐ SAMPLES REQUIRED
☒ SAMPLES NOT REQUIRED
☐ WATER SAMPLES REQUIRED AT
☒ E-LOGS REQUIRED IF RUN
☒ DRILL SYSTEM TEST INFO. REQUIRED IF RUN

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 Scott A. Evans of the Evans Energy Dev. Inc. 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: S. Evans — DATE: 3-31-09

MO 780-0211 (8-06) REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM, P.O. BOX 250, ROLLA, MO 65402, (573) 368-2143 ONE (1) COPY WILL BE RETURNED

38 39 17.22
38.654783
-94 27 46.02
-94.462783
Peculiar Q

Mar 31 09 09:23a Ackerson Landscape 8163136400 p.1
Mar 31 09 10:31a EVANS ENERGY 9135579083 p.2

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APR 06 2009

Mo Oil & Gas Council

FORM OGC-4

MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

OWNER: Mark Ackerson — Peculiar Quad

LEASE NAME: Ackerson #1 #20388

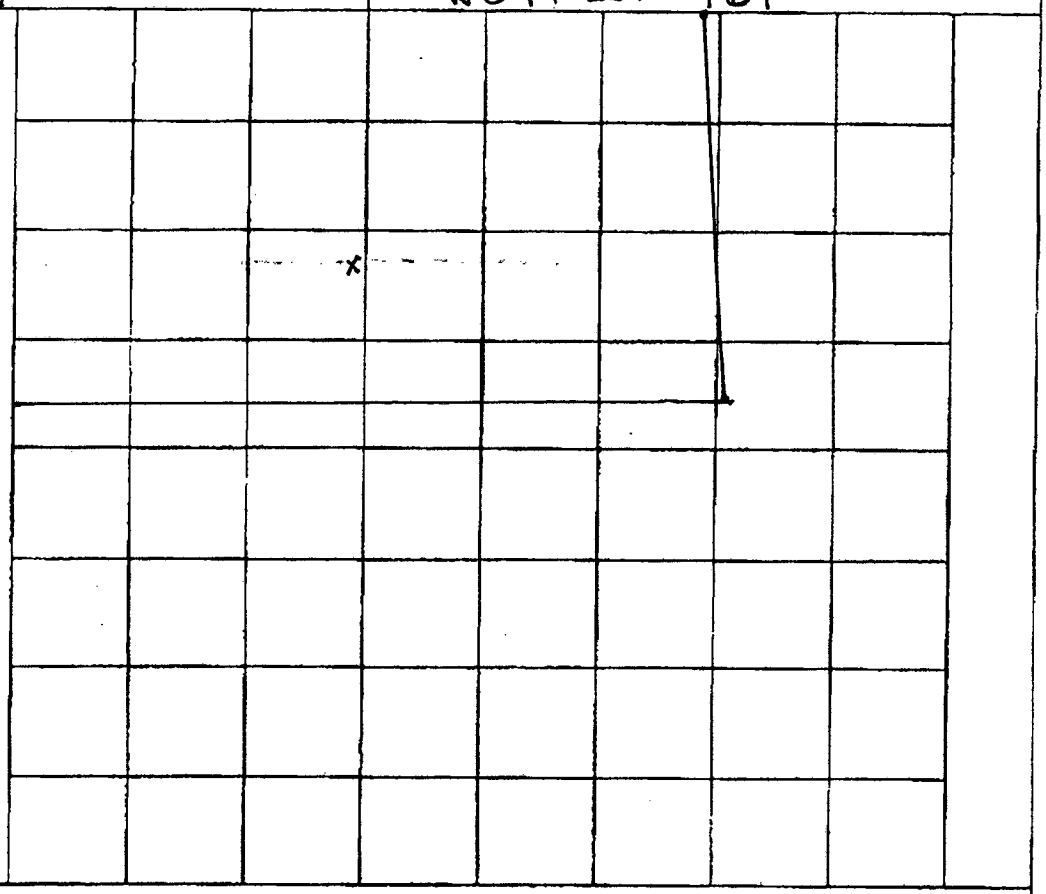
COUNTY: Cass

447 FEET FROM N-S (N)-(S) SECTION LINE AND 730' FEET FROM E.W (E)-(W) SECTION LINE OF SEC. 3, TWP 44, RANGE 32

LATITUDE: N. 38°39. 287'

LONGITUDE: W094°26. 769'

SCALE
1" = 300



REMARKS: Used GPS Unit

Mark Ackerson 3-17-09

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.

(SEAL)

REMIT TWO (2) COPIES TO:
GEOLOGICAL SURVEY PROGRAM
P.O. BOX 250, ROLLA, MO 65402 - (573) 368-2143
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER

MO 780-0213 (6-06)

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JAN 29 2010

Mo Oil & Gas Council

MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

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

OWNER: Mark Ackerson	ADDRESS: 25511 S. Smoke Rd. Peculiar MO 64078
LEASE NAME:	WELL NUMBER: # 20838
LOCATION OF WELL — SEC. - TWP. - RNG. OR BLOCK AND SURVEY: 3 44 32	LATITUDE: N 38° 39.287' LONGITUDE: W094° 26.767'
COUNTY: Cass	PERMIT NUMBER (DGC-3 OR DGC-31): 20838
DATE SPUDDED:	DATE TOTAL DEPTH REACHED: 286 — DATE COMPLETED READY TO PRODUCE OR INJECT: 5-12-09 — ELEVATION (DF, RKB, RT, OR GL) FEET: — ELEVATION OF CASING HD. FLANGE FEET:
TOTAL DEPTH: 286	PLUG BACK TOTAL DEPTH:
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: 264-267	ROTARY TOOLS USED (INTERVAL): 0 TO 286 — DRILLING FLUID USED: Air Drilled — CABLE TOOLS USED (INTERVAL):
WAS THIS WELL DIRECTIONALLY DRILLED? NO	WAS DIRECTIONAL SURVEY MADE? — WAS COPY OF DIRECTIONAL SURVEY FILED? — DATE FILED:
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST):	DATE FILED:

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
Surface	12 1/4"	8 5/8" O.D.	24.	20.5'	8 Sacks	None
Longstring	6 1/2	4 1/2" O.D.	9.5	260'	30	None

TUBING RECORD

SIZE (IN.)	DEPTH SET (FEET)	PACKER SET AT (FEET)

LINER RECORD

SIZE (INCH)	TOP (FEET)	BOTTOM (FEET)	SACKS CEMENT	SCREEN (FEET)

PERFORATION RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL
OPEN Hole		264-267

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

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): Flowing Gas

DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST (BBL.)	GAS PRODUCED DURING TEST (MCF)	WATER PRODUCED DURING TEST (BBL.)	OIL GRAVITY (API (CORR.))
5-12-09	1			36	None	

TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HOURS	OIL (BBL.)	GAS (MCF)	WATER (BBL.)	GAS OIL RATIO
	29 psi					

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

METHOD OF DISPOSAL OF MUD PIT CONTENTS: Air drilled, No Pits

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Owner 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.

DATE	SIGNATURE
1-28-10	Mark Ackerson

MO 780-0215 (8-06) — SUBMIT TWO (2) COPIES TO GEOLOGICAL SURVEY PROGRAM, P.O. BOX 250, ROLLA MO 65402, (573) 368-2143 — ONE (1) COPY WILL BE RETURNED — (REV. 8-06)

Ackerson LANDSCAPE

"Customer Service is Everything!"

P.O. Box 11945 Kansas City, MO 64138 Phone: 816-313-6200 Fax: 816-313-6400

To:	Jeff	**From:**	Mark Ackerson
Fax:		**Pages:**	3(includes cover)
Phone:	573-368-2111	**Date:**	1-29-2010
Re:			

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Jeff,

Greetings!

I believe everything that can be filled out is complete. Please do not hesitate to call if you need anything else.

Thank you,

Mark Ackerson

Mark Ackerson

Ackerson Landscape
Email: marka@ackersonlandscape.com

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JAN 29 2010
Mo Oil & Gas Council

VANS
NERGY
EVELOPMENT
NC.
11 Lewis Drive Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
Fax: 913-557-9084

RECEIVED
JAN 29 2010
Mo Oil & Gas Council

WELL LOG
Mark Ackerson
Mark Ackerson #1
Permit #20838
May 11 - May 12, 2009

Thickness of Strata	Formation	Total
7	soil & clay	7
7	shale	14
4	lime	18
47	shale	65
2	lime	67
58	shale	125
4	sand	129
32	shale	161
6	oil sand	167
30	shale	197
5	sand	202
14	shale	216
4	lime	220
13	shale	233
3	lime	236
7	lime with oil	243
2	lime	245
5	sand	250
9	shale	259
3	lime	262
2	lime with oil	264
2	shale	266 slatey gas
1	coal	267 gas 36 mcf, 29 PSI
17	lime	284
2	shale	286 TD

Drilled a 12 1/4" to 20.5'.
Drilled a 6 1/2" to 286'.

Set 20.5' of 8 5/8" threaded and coupled surface casing cemented with 8 sacks of cement.

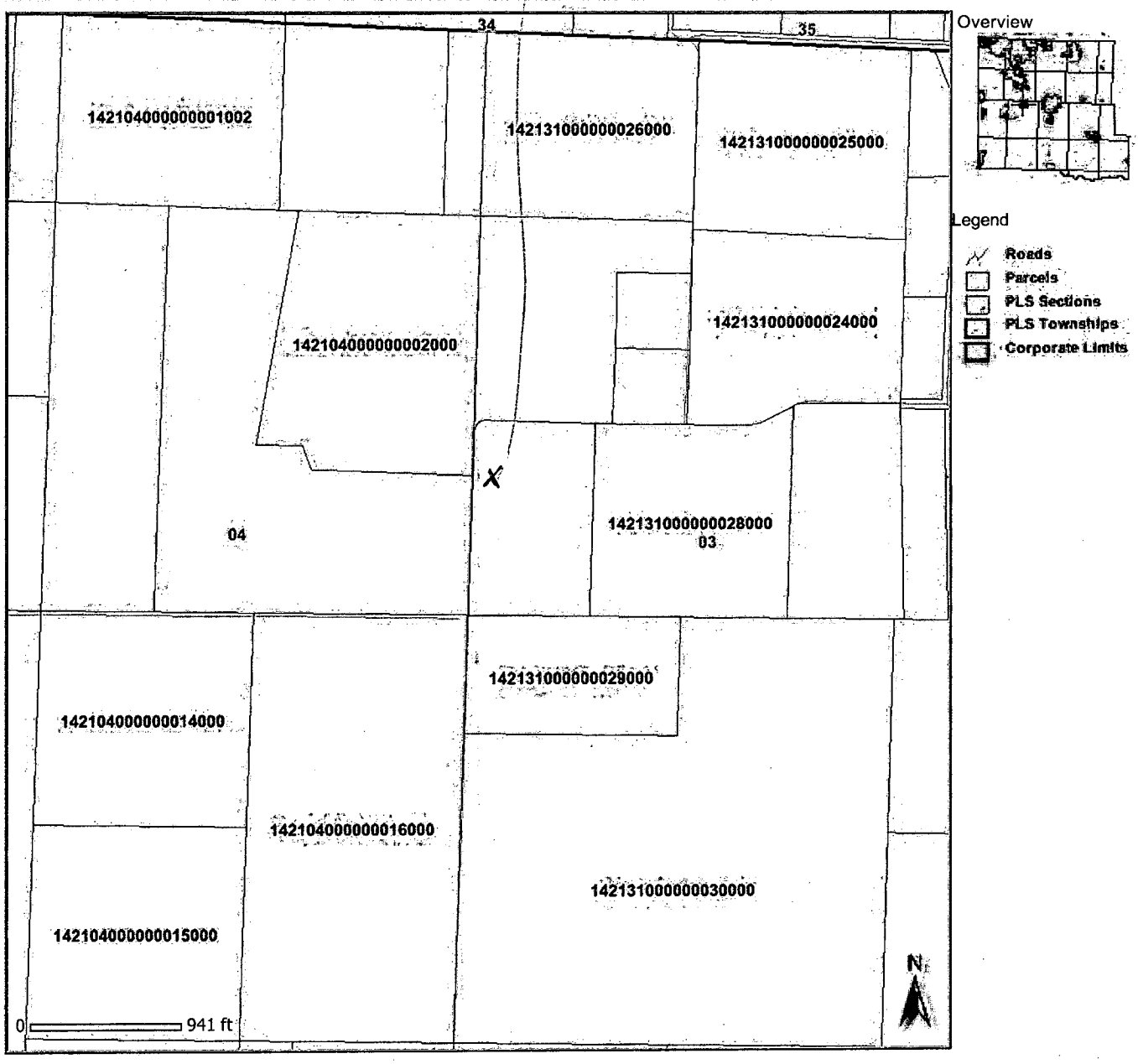
Set 260' of new 4 1/2" casing open hole with a cement basket and shale trap on bootom, cemented with 29 sacks cement.

Cass County, MO

Ackeson well

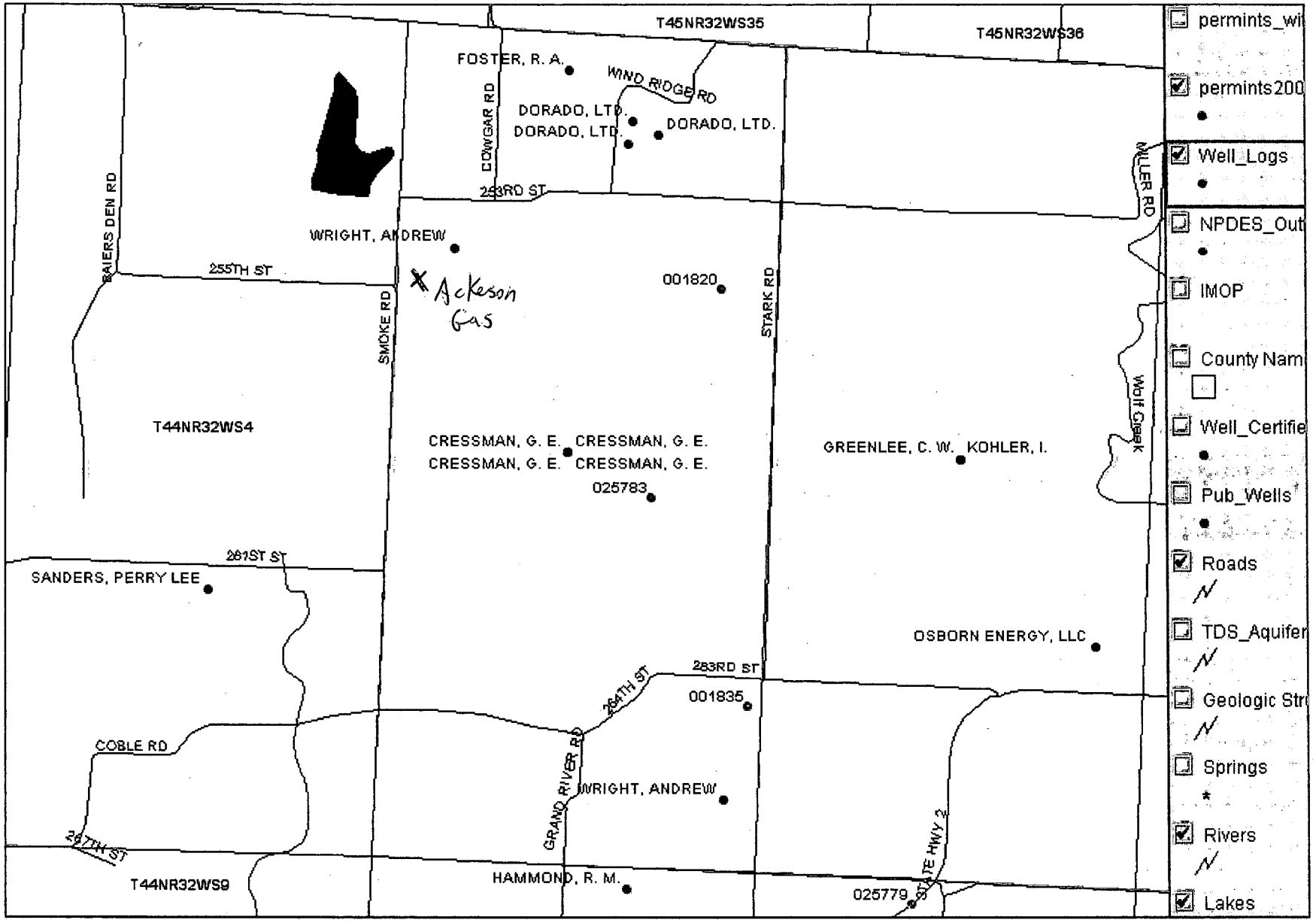
beacon™

Date Created: 4/16/2009
Map Scale: 1 in = 941 ft



Last Data Upload: 4/16/2009 5:58:24 AM

developed by
The Schneider Corporation
www.schneidercorp.com


T45NR32WS35
T45NR32WS36
FOSTER, R. A.
WIND RIDGE RD
DORADO, LTD.
DORADO, LTD.
DORADO, LTD.
EDWGAR RD
253RD ST
MILLER RD
BAIERS DEN RD
WRIGHT, ANDREW
255TH ST
Ackeson Gas
001820
STARK RD
SMOKE RD
Wolf Creek
T44NR32WS4
CRESSMAN, G. E.
CRESSMAN, G. E.
CRESSMAN, G. E.
CRESSMAN, G. E.
025783
GREENLEE, C. W.
KOHLER, I.
261ST ST
SANDERS, PERRY LEE
OSBORN ENERGY, LLC
263RD ST
264TH ST
001835
COBLE RD
GRAND RIVER RD
WRIGHT, ANDREW
267TH ST
STATE HWY 2
T44NR32WS9
HAMMOND, R. M.
025779
permints_wi
permints200
Well_Logs
NPDES_Out
IMOP
County Nam
Well_Certifie
Pub_Wells
Roads
TDS_Aquifer
Geologic Str
Springs
Rivers
Lakes