KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form T-1
April 2019
Form must be Typed
Form must be Signed
All blanks must be Filled

REQUEST FOR CHANGE OF OPERATOR TRANSFER OF INJECTION OR SURFACE PIT PERMIT

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Check applicable boxes:

☐ Oil Lease: No. of Oil Wells _____ **

☑ Gas Lease: No. of Gas Wells 1 **

☐ Gas Gathering System: _____

☐ Saltwater Disposal Well - Permit No.: _____

Spot Location: _____ feet from ☐ N / ☐ S Line

_____ feet from ☐ E / ☐ W Line

☐ Enhanced Recovery Project Permit No.: _____

Entire Project: ☐ Yes ☐ No

Number of Injection Wells _____ **

Field Name: WHELAN WEST

***** Side Two Must Be Completed.***

Effective Date of Transfer: 09/01/2026

KS Dept of Revenue Lease No.: 136642 225541

Lease Name: RUCKER A

____-____-NW-SE Sec. 25 Twp. 31 R. 12 ☐ E ☑ W

Legal Description of Lease:
North Half of the West Half of the Southeast Quarter (N2 W2 SE) of Section 25, Township 31 South, Range 12 West, Barber County, Kansas

County: Barber

Production Zone(s): MISSISSIPPI, DOUGLAS

Injection Zone(s): _____

Surface Pit Permit No.: _____
(API No. if Drill Pit, WO or Haul)

_____ feet from ☐ N / ☐ S Line of Section

_____ feet from ☐ E / ☐ W Line of Section

Type of Pit: ☐ Emergency ☐ Burn ☐ Settling ☐ Haul-Off ☐ Workover ☐ Drilling

Past Operator's License No. 8061

Past Operator's Name & Address: Oil Producers, Inc. of Kansas
1710 WATERFRONT PKWY WICHITA,KS 67206-6603

Title: Authorized KOLAR Agent

Contact Person: Scott M. Lawson

Phone: (316)681-0231

Date: 10/05/2026

Signature: Tyler Bell

New Operator's License No. 35871

New Operator's Name & Address: HG Oil Holdings, LLC
PO BOX 97 PLAINVILLE,KS 67663-0097

New Operator's Email: TBELL@HGOILHOLDINGS.COM

Title: Authorized KOLAR Agent

Contact Person: TYLER BELL

Phone: (620)213-1029

Oil / Gas Purchaser: TARGA

Date: 10/05/2026

Signature: Tyler Bell

Acknowledgment of Transfer: The above request for transfer of injection authorization, surface pit permit # _____ has been noted, approved and duly recorded in the records of the Kansas Corporation Commission. This acknowledgment of transfer pertains to Kansas Corporation Commission records only and does not convey any ownership interest in the above injection well(s) or pit permit.

_____ is acknowledged as the new operator and may continue to inject fluids as authorized by Permit No.: _____. Recommended action: _____

_____

Date: _____ _____
Authorized Signature

_____ is acknowledged as the new operator of the above named lease containing the surface pit permitted by No.: _____.

Date: _____ _____
Authorized Signature

DISTRICT _____ EPR 10/05/2026 PRODUCTION _____ UIC _____

Side Two

Must Be Filed For All Wells

KDOR Lease No.: 136642 225541

* Lease Name: RUCKER A

* Location: 25-31S-12W

Well No.	API No. (YR DRLD/PRE '67)	Footage from Section Line (i.e. FSL = Feet from South Line)		Type of Well (Oil/Gas/INJ/WSW)	Well Status (PROD/TA'D/Abandoned)
1	15-007-22850-00-00	1836 FSL *Circle:* FSL/FNL	2126 FEL *Circle:* FEL/FWL	OG	PR
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		

A separate sheet may be attached if necessary.

* When transferring a unit which consists of more than one lease please file a separate side two for each lease. If a lease covers more than one section please indicate which section each well is located.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KSONA-1
July 2021
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: ☐ **C-1** (Intent) ☐ **CB-1** (Cathodic Protection Borehole Intent) ☒ **T-1** (Transfer) ☐ **CP-1** (Plugging Application)

OPERATOR: License # 8061
Name: Oil Producers, Inc. of Kansas
Address 1: 1710 WATERFRONT PKWY
Address 2:
City: WICHITA State: KS Zip: 67206 + 6603
Contact Person: Scott M. Lawson
Phone: (316) 681-0231 Fax: ( )
Email Address: scott.lawson@oilprod.com

Well Location:
__ - __ - NW - SE Sec. 25 Twp. 31 S. R. 12 ☐ East ☒ West
County: Barber
Lease Name: RUCKER A Well #: See T1 Side Two

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

North Half of the West Half of the Southeast Quarter (N2 W2 SE) of Section 25, Township 31 South, Range 12 West, Barber County, Kansas

Surface Owner Information:
Name: GARY LEE & EMMA JOAN RUCKER
Address 1: 3446 NE WELL RD
Address 2:
City: MEDICINE LODGE State: KS Zip: 67104 +

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

☒ I certify that, pursuant to the Kansas Surface Owner Notice Act (*see* Chapter 55 of the Kansas Statutes Annotated), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.

☐ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a $30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the $30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 10/05/2026 Signature of Operator or Agent: Tyler Bell Title: Authorized KOLAR Agent

MEMORANDUM OF ASSIGNMENT OF OPERATIONS

This Memorandum of Assignment of Operations ("Memorandum") is made and entered into August 21, 2026, by and among **Oil Producers Inc., of Kansas ("OPIK")**, license #8061, and **HG Oil Holdings, LLC ("HG")**, license #35871. OPIK and Harrison Gilliland are parties to that certain Asset Purchase and Sale Agreement dated July 28, 2026, ("APSA"), pursuant to which OPIK has agreed to transfer operations of the oil, gas, and injection wells described on Exhibit A ("Wells"), and the gas gathering system described on Exhibit B ("GG System") at the closing of the APSA to HG, and pursuant to which HG agrees to accept and assume all of OPIK's obligations for the Wells and GG System, which APSA is supported by good and valuable consideration. This Memorandum is made for purposes of memorializing said transfer of operations and to facilitate the transfer of the Wells and GG System with the Kansas Corporation Commission.

"OPIK":

Oil Producers Inc., of Kansas

By: _____
Scott Lawson, authorized agent

"HG":

HG Oil Holdings, LLC

By: Harrison Gilliland
Harrison Gilliland (Aug 21, 2026 09:51:45 CDT)
Harrison Gilliland, manager

EXHIBIT A
"Wells"

Well Name	Well No.	API Number	State	County	Sec	Twp	Rge	Dir	Feet N-S	N-S	Feet E-W	E-W	Type
ALBERT BOUZIDEN	18-3	15-007-21343-0001	KS	Barber	18	34	13	W	2127	S	390	E	SWD
BARTHOLOW, E.F.	1	15-007-00525-0000	KS	Barber	18	33	12	W	330	N	330	E	GAS
BARTHOLOW, E.F.	2	15-007-22426-0000	KS	Barber	18	33	12	W	4950	S	2310	E	GAS
BARTHOLOW, E.F.	4	15-007-23157-0000	KS	Barber	18	33	12	W	3300	S	1420	E	GAS
BIRD	1-2	15-007-23224-0000	KS	Barber	2	33	13	W	1649	S	3099	E	GAS
BLUNK B	1	15-007-01090-0000	KS	Barber	19	34	13	W	660	S	3960	E	GAS
BLUNK E	2	15-007-00261-0001	KS	Barber	24	34	14	W	330	S	1320	E	GAS
BLUNK,J	1	15-007-00199-0000	KS	Barber	30	34	13	W	2970	S	4620	E	GAS
DEWITT OWWO	1	15-007-01465-0002	KS	Barber	19	34	13	W	668	S	1968	E	GAS
DEWITT	3	15-007-22613-0000	KS	Barber	19	34	13	W	1316	S	554	E	GAS
GARTEN	14-36	15-007-22466-0000	KS	Barber	36	34	14	W	697	S	3586	E	GAS
GLENN WEIDNER	1-10	15-007-23329-0000	KS	Barber	10	33	13	W	3745	S	330	E	OG
HARBAUGH A	1	15-007-21294-0000	KS	Barber	1	33	10	W	1980	S	1969	E	OG
HARBAUGH SWD	1	15-007-22207-0001	KS	Barber	36	32	10	W	679	S	1981	E	SWD
HARBAUGH, JOSEPH	1	15-007-20213-0000	KS	Barber	1	33	10	W	2991	S	1000	E	GAS
HOPKINS, M.L.	1	15-007-30353-0000	KS	Barber	28	32	13	W	3660	S	2367	E	GAS
LENKNER	1	15-007-00534-0001	KS	Barber	24	33	14	W	1650	S	1650	W	GAS
MARSH	1-8	15-007-22707-0000	KS	Barber	8	32	15	W	1421	S	1031	E	OG
MARSH	2-17	15-007-22718-0000	KS	Barber	17	32	15	W	2537	S	973	E	OG
RUCKER (CONTRACT)	1	15-007-22584-0000	KS	Barber	25	31	12	W	4420	S	1756	E	OG
RUCKER (CONTRACT)	2	15-007-22888-0000	KS	Barber	25	31	12	W	3551	S	1023	E	OG
RUCKER A	1	15-007-22850-0000	KS	Barber	25	31	12	W	1836	S	2126	E	OG
SUTTON A	1	15-007-30054-0000	KS	Barber	31	34	13	W	4314	S	2933	E	GAS
SUTTON ESTATE	1	15-007-01469-0001	KS	Barber	30	34	13	W	2002	S	3207	E	GAS
GUPTON	1	15-009-24319-0000	KS	Barton	25	19	13	W	3630	S	2970	E	OIL
GUPTON	2	15-009-24344-0000	KS	Barton	25	19	13	W	2958	S	3732	E	SWD
GUPTON	3	15-009-24634-0000	KS	Barton	25	19	13	W	1980	S	2970	E	OIL
HABIGER	1	15-009-23159-0000	KS	Barton	13	20	15	W	495	S	330	E	OIL
MURRAY	1	15-009-20018-0001	KS	Barton	31	20	13	W	2908	S	4904	E	SWD
ROMINE	1	15-009-24504-0000	KS	Barton	24	20	15	W	330	N	1320	E	OIL
SCHNEIDER	1	15-009-23725-0000	KS	Barton	32	18	15	W	2310	S	4290	E	OIL
SMITH	1	15-009-22954-0000	KS	Barton	18	20	14	W	660	S	1980	W	OIL
SMITH	3-A	15-009-23168-0000	KS	Barton	18	20	14	W	430	S	4850	E	OIL
WEATHERS B	2	15-009-24649-0000	KS	Barton	36	20	14	W	2970	S	990	E	OIL
AYERS	1-20	15-015-23784-0000	KS	Butler	20	27	7	E	990	S	1980	E	OIL
BOUZIDEN	1-29	15-025-21357-0000	KS	Clark	29	33	21	W	4736	S	4636	E	GAS
EDMONSTON	1-3	15-025-20909-0000	KS	Clark	3	33	21	W	2629	S	3328	E	OG
DALE A	3	15-033-21319-0000	KS	Comanche	26	32	18	W	2229	S	3169	E	OG
EUBANK	9-20	15-033-20386-0000	KS	Comanche	20	33	20	W	1983	S	679	E	OIL
GRAY	1-23	15-033-21597-0000	KS	Comanche	23	31	18	W	2282	S	2272	E	GAS
GRIFFIN	1	15-033-20120-0000	KS	Comanche	21	31	17	W	3320	S	4597	E	OIL
LEON MAY	1-13	15-033-21419-0000	KS	Comanche	13	35	16	W	335	S	2285	E	SWD
LEON MAY	2-13	15-033-21476-0000	KS	Comanche	13	35	16	W	662	S	658	E	OG
LEON MAY	3-13	15-033-21502-0000	KS	Comanche	13	35	16	W	661	S	4617	E	OG
LEON MAY	4-13	15-033-21515-0000	KS	Comanche	13	35	16	W	4805	S	2437	E	OG
LYON	1	15-033-20980-0000	KS	Comanche	21	32	19	W	2310	S	2200	E	OG
LYON	2	15-033-21558-0000	KS	Comanche	21	32	19	W	1250	S	2125	E	GAS
PEPPERD	1	15-033-20128-0000	KS	Comanche	21	31	17	W	1342	S	1037	E	OIL
RICH C	1	15-033-20499-0000	KS	Comanche	22	32	19	W	680	S	2512	E	OG
RICH C	11	15-033-21389-0000	KS	Comanche	22	32	19	W	1860	S	2324	E	OG
RICH C	12	15-033-21420-0000	KS	Comanche	22	32	19	W	1145	S	4645	E	OG
RICH C	2	15-033-21094-0000	KS	Comanche	22	32	19	W	3515	S	1789	E	OG
RICH C	3	15-033-21232-0000	KS	Comanche	22	32	19	W	4995	S	697	E	OG
RICH C	4	15-033-21244-0000	KS	Comanche	22	32	19	W	1653	S	3318	E	OG
RICH C	5	15-033-21276-0000	KS	Comanche	22	32	19	W	3189	S	3494	E	OG
RICH C	7	15-033-21305-0000	KS	Comanche	22	32	19	W	3543	S	4306	E	OG
RICH C	8	15-033-21313-0000	KS	Comanche	22	32	19	W	3546	S	3552	E	OG
RICH C	9	15-033-21345-0000	KS	Comanche	22	32	19	W	356	S	1898	E	SWD
UNRUH A	1	15-033-20935-0000	KS	Comanche	4	31	18	W	3324	S	4712	E	OG
UNRUH A	2	15-033-20947-0000	KS	Comanche	4	31	18	W	4556	S	3337	E	OG
UNRUH A	3	15-033-21084-0000	KS	Comanche	4	31	18	W	3121	S	3937	E	OG

UNRUH B	1	15-033-20967-0000	KS	Comanche	4	31	18	W	3342	S	345	E	OG
UNRUH B	2	15-033-21434-0000	KS	Comanche	4	31	18	W	4877	S	1722	E	OG
UNRUH B	3	15-033-20013-0000	KS	Comanche	4	31	18	W	4549	S	711	E	OG
UNRUH D	2	15-033-21201-0000	KS	Comanche	2	31	18	W	2990	S	4026	E	OIL
CURTIS	1	15-047-00371-0000	KS	Edwards	24	25	16	W	2970	S	4950	E	OIL
ENGLISH	2	15-047-21254-0000	KS	Edwards	8	25	16	W	3187	S	333	E	GAS
ENLOW	1	15-047-00213-0000	KS	Edwards	9	24	16	W	4290	S	2970	E	GAS
HAGER	1	15-047-20443-0000	KS	Edwards	18	24	16	W	4638	S	1305	E	GAS
HAMMEKE	2	15-047-21272-0000	KS	Edwards	16	25	16	W	4336	S	4977	E	OG
MAYHEW	2	15-047-21050-0000	KS	Edwards	5	26	16	W	4524	S	868	E	OG
NEELAND	1	15-047-20092-0000	KS	Edwards	4	24	16	W	319	S	2280	E	GAS
PALMITIER	2	15-047-21025-0002	KS	Edwards	16	25	16	W	1970	S	4540	E	SWD
POTTS	1	15-047-20083-0000	KS	Edwards	5	24	16	W	1303	S	1319	E	GAS
SCHMITT	3	15-047-21211-0000	KS	Edwards	27	24	16	W	330	S	2310	E	GAS
ULSH	1	15-047-20043-0000	KS	Edwards	34	24	16	W	3300	S	3300	E	OG
WICHSER	2	15-047-21406-0000	KS	Edwards	14	26	16	W	2970	S	4950	E	OG
WOLFE	1	15-047-20493-0000	KS	Edwards	34	24	16	W	4009	S	636	E	GAS
ZUERCHER B	2	15-047-21369-0000	KS	Edwards	17	25	16	W	4622	S	1982	E	OG
ZUERCHER	4	15-047-21027-0000	KS	Edwards	17	25	16	W	2327	N	1974	E	OG
ZUERCHER	5	15-047-21125-0000	KS	Edwards	17	25	16	W	2329	N	661	E	OG
SCHLESSIGER C	4	15-053-20791-0000	KS	Ellsworth	31	16	10	W	3126	S	4960	E	SWD
SCHLESSIGER A	1	15-053-30107-0000	KS	Ellsworth	30	16	10	W	2310	S	2310	E	OIL
SCHLESSIGER A	2	15-053-20015-0000	KS	Ellsworth	30	16	10	W	1650	S	1650	E	OIL
GARDNER A	1	15-055-00439-0000	KS	Finney	12	24	33	W	4030	S	2490	E	GAS
GRUB	1	15-055-00244-0000	KS	Finney	18	22	32	W	3965	S	1285	E	GAS
GRUB	2	15-055-21516-0000	KS	Finney	20	22	32	W	3960	S	3960	E	GAS
MADDUX OWWO	4-19	15-055-21588-0001	KS	Finney	19	22	34	W	3780	S	1800	E	GAS
TATE-ESKELUND	1	15-055-21757-0000	KS	Finney	19	22	34	W	1250	S	1250	E	GAS
CHALFANT	2	15-057-20080-0001	KS	Ford	36	28	21	W	3963	S	1225	E	GAS
JONES	1-32	15-057-20500-0000	KS	Ford	32	27	21	W	3488	S	1330	E	OIL
PRICE	1-25	15-057-20422-0000	KS	Ford	25	28	21	W	3968	S	3828	E	GAS
PRICE	2-25	15-057-20425-0000	KS	Ford	25	28	21	W	3080	S	1656	E	GAS
RAMSEY	1	15-057-20066-0000	KS	Ford	36	28	21	W	1958	S	3302	E	GAS
HENTHORN	1	15-067-00546-0001	KS	Grant	15	28	37	W	2993	S	3585	E	GAS
HENTHORN	2	15-067-10039-0000	KS	Grant	15	28	37	W	2767	S	2137	E	GAS
HENTHORN	3	15-067-21483-0000	KS	Grant	15	28	37	W	1253	S	1222	E	GAS
HENTHORN	4-15	15-067-21653-0000	KS	Grant	15	28	37	W	1250	N	1250	E	HI
ALLTON A OWWO	1	15-077-20601-0001	KS	Harper	23	33	6	W	2000	S	4620	E	OG
ALLTON C	1	15-077-21438-0000	KS	Harper	23	33	6	W	770	S	3450	E	GAS
CAROTHERS A	2	15-077-21472-0000	KS	Harper	23	33	6	W	2210	S	1980	E	OG
CAROTHERS B	1	15-077-21294-0000	KS	Harper	10	33	6	W	330	S	330	E	GAS
FLINN	B 1	15-077-21291-0000	KS	Harper	14	33	6	W	2883	S	3597	E	SWD
HENDRICKS UNIT 31	1	15-077-21328-0000	KS	Harper	31	32	9	W	2140	S	5080	E	OG
HOOPES	1-25	15-077-21473-0000	KS	Harper	25	33	6	W	3960	S	990	E	OIL
HOOPES	2-25	15-077-21535-0000	KS	Harper	25	33	6	W	1500	N	1700	E	OIL
NESSELROAD	1	15-077-21339-0000	KS	Harper	22	33	6	W	4290	S	330	E	OG
NESSELROAD-WOLFF	1-23	15-077-21614-0000	KS	Harper	23	33	6	W	3830	S	3960	E	OG
PULLIAM	1-30	15-077-21606-0001	KS	Harper	30	33	5	W	3630	S	4950	E	SWD
RUMP	1-30	15-077-21554-0000	KS	Harper	30	33	5	W	330	N	660	W	OIL
TRUBY	1	15-077-21285-0000	KS	Harper	15	33	6	W	1650	S	330	E	GAS
TRUBY B OWWO	1	15-077-20138-0001	KS	Harper	2	33	6	W	3325	S	2000	E	OG
WALKER A	1	15-077-21353-0001	KS	Harper	18	33	6	W	3630	S	330	E	SWD
WHITELAW OWWO	1	15-077-30183-0001	KS	Harper	18	33	6	W	2310	S	330	E	OG
WOLFF	1	15-077-21273-0000	KS	Harper	23	33	6	W	4085	S	2310	E	OG
COX H OWWO	1	15-081-20518-0001	KS	Haskell	24	29	32	W	2040	S	4208	E	GAS
MULL	4-28	15-081-21598-0000	KS	Haskell	28	29	33	W	1650	N	330	E	OIL
LEE	1-33	15-093-20156-0000	KS	Kearny	33	25	36	W	2290	S	2290	W	OIL
LEE	4-4	15-093-20786-0000	KS	Kearny	4	26	36	W	660	S	1980	E	OIL
LEE	7-3	15-093-20192-0000	KS	Kearny	33	25	36	W	2244	S	378	E	OIL
LEE A	2-4	15-093-20254-0000	KS	Kearny	4	26	36	W	3289	S	4639	E	OIL
MASONIC HOME A	1	15-093-10003-0000	KS	Kearny	34	25	36	W	1980	S	1980	W	OIL
MASONIC HOME C	1	15-093-20469-0001	KS	Kearny	4	26	36	W	660	N	2179	E	SWD
ALBRECHT (Ewy Gas Unit)	3	15-095-21396-0000	KS	Kingman	18	29	6	W	990	N	1650	E	GAS
BENSON-YEAGER	3	15-095-21364-0000	KS	Kingman	9	29	6	W	3194	N	766	E	OIL
BRAND	1	15-095-20049-0000	KS	Kingman	16	29	7	W	2130	S	1980	E	GAS
CALKIN	1	15-095-20637-0000	KS	Kingman	3	29	6	W	4290	N	2310	E	OIL

CALKIN	3	15-095-21142-0000	KS	Kingman	3	29	6	W	2970	N	2310	E	OIL
CAMPBELL (CASTLE UNIT)	1	15-095-20524-0000	KS	Kingman	17	29	7	W	990	N	4620	E	GAS
CASTLE	1	15-095-20446-0000	KS	Kingman	17	29	7	W	3300	N	4950	E	GAS
EWY (Ewy Gas Unit)	1	15-095-20302-0000	KS	Kingman	17	29	6	W	840	N	4290	E	GAS
FITZGERALD	1	15-095-20948-0000	KS	Kingman	17	29	6	W	2970	N	3960	E	GAS
KAUFMAN	1	15-095-20288-0000	KS	Kingman	7	29	6	W	4290	N	330	E	GAS
KAUFMAN	3	15-095-21429-0000	KS	Kingman	7	29	6	W	3300	N	2310	E	GAS
KINERT J X	1	15-095-00596-0000	KS	Kingman	15	30	7	W	4230	S	990	E	GAS
KLAVER	1	15-095-00050-0000	KS	Kingman	9	29	6	W	571	S	3456	E	OIL
KLAVER	3	15-095-20843-0000	KS	Kingman	9	29	6	W	1208	S	4111	E	OIL
KLAVER	7	15-095-60005-0000	KS	Kingman	9	29	6	W	2300	S	3788	E	OIL
KLAVER	8	15-095-21138-0000	KS	Kingman	9	29	6	W	2002	S	4690	E	OIL
KLAVER	9	15-095-21164-0000	KS	Kingman	9	29	6	W	2304	S	4456	E	OIL
KLAVER	5 A	15-095-20929-0000	KS	Kingman	9	29	6	W	1249	S	3339	E	OIL
LOCK	1	15-095-20365-0000	KS	Kingman	8	29	6	W	990	S	2410	E	GAS
LOCK A	1	15-095-20746-0001	KS	Kingman	16	29	6	W	4852	S	3346	E	SWD
MINNIE BENSON	2	15-095-21430-0000	KS	Kingman	7	29	6	W	2310	N	3300	E	GAS
SETTLE	1	15-095-00171-0001	KS	Kingman	18	29	7	W	330	S	330	E	GAS
VORAN A	1	15-095-21748-0000	KS	Kingman	22	29	7	W	3770	S	3220	E	GAS
ZERGER	3	15-095-21482-0000	KS	Kingman	8	29	6	W	660	N	330	W	GAS
BORTH	1	15-097-21446-0000	KS	Kiowa	13	28	18	W	875	S	4943	E	OG
CAPLINGER-PAXTON	1-28	15-097-21725-0000	KS	Kiowa	28	30	18	W	1938	S	324	E	GAS
COBB	1-20	15-097-21487-0000	KS	Kiowa	20	30	18	W	417	S	498	E	OG
COBB	2-20	15-097-21527-0000	KS	Kiowa	20	30	18	W	321	S	1889	E	OG
COBB	3-20	15-097-21616-0000	KS	Kiowa	20	30	18	W	1439	S	730	E	OG
DURKEE	1	15-097-20298-0000	KS	Kiowa	31	28	20	W	4098	S	3905	E	GAS
EMERSON	1-30	15-097-21544-0000	KS	Kiowa	30	30	18	W	677	S	414	E	OG
EMERSON	2-30	15-097-21573-0000	KS	Kiowa	30	30	18	W	503	S	1953	E	OG
EMERSON	3-30	15-097-21597-0001	KS	Kiowa	30	30	18	W	1652	S	318	E	OG
FROMME	1	15-097-21447-0001	KS	Kiowa	15	29	20	W	328	S	2297	E	EOR
GILLETTE	2-10	15-097-20096-0000	KS	Kiowa	10	30	19	W	675	S	3282	E	OIL
KANE TRUST	1-18	15-097-21480-0000	KS	Kiowa	18	30	18	W	325	S	3450	E	OG
MANFORD CLARK	1-16	15-097-21557-0000	KS	Kiowa	16	27	16	W	380	S	3662	E	OG
MINOR	1-19	15-097-21592-0000	KS	Kiowa	19	28	17	W	1735	S	3495	E	OG
MINOR	2-19	15-097-21613-0000	KS	Kiowa	19	28	17	W	2018	S	1997	E	OG
PAMAR-MILLER UNIT A	1	15-097-20280-0000	KS	Kiowa	31	28	20	W	1324	S	1312	W	GAS
SCHMIDT K	1	15-097-21458-0000	KS	Kiowa	21	29	19	W	2329	S	2983	E	OG
GILL	1	15-101-21361-0000	KS	Lane	35	16	29	W	4290	S	330	E	OIL
GILL	3	15-101-21545-0001	KS	Lane	35	16	29	W	4290	S	990	E	OIL
JAMES	1	15-101-21381-0000	KS	Lane	36	16	29	W	4248	S	4928	E	SWD
PLETT	1	15-115-21249-0000	KS	Marion	6	21	1	E	1650	S	3250	E	OIL
WOELK	1	15-115-21266-0000	KS	Marion	6	21	1	E	2145	S	2310	E	OIL
ADAMS	1A-5	15-119-21258-0000	KS	Meade	5	35	30	W	873	S	4434	E	GAS
BREEDING	1-715	15-129-21576-0000	KS	Morton	15	32	40	W	1650	N	1650	E	GAS
CHARLES BREEDING	3-1210	15-129-21593-0000	KS	Morton	10	32	40	W	1991	S	4626	E	GAS
RICH SMITH	1-20	15-129-21548-0000	KS	Morton	20	33	42	W	990	S	990	W	OG
PETERSILIE A	1	15-135-30073-0000	KS	Ness	23	20	24	W	367	N	988	E	OIL
PETERSILIE A	2	15-135-30200-0000	KS	Ness	23	20	24	W	383	N	1661	E	OIL
PETERSILIE A	5	15-135-30242-0000	KS	Ness	23	20	24	W	2004	N	658	E	OIL
PETERSILIE A	7	15-135-20013-0002	KS	Ness	23	20	24	W	3981	S	1334	E	SWD
ALDRICH	3	15-145-00343-0000	KS	Pawnee	3	23	16	W	2978	S	2378	E	GAS
FRICK - A	1	15-145-20619-0000	KS	Pawnee	6	23	16	W	330	S	3300	E	GAS
GANO EST (CONTRACT)	1	15-145-10133-0000	KS	Pawnee	31	23	15	W	4610	S	655	E	GAS
HEARN	1	15-145-20213-0001	KS	Pawnee	35	23	15	W	3637	S	1665	E	OIL
HEARN	3	15-145-21464-0000	KS	Pawnee	35	23	15	W	1880	S	660	E	GAS
JOYCE ZOOK	1	15-145-20522-0000	KS	Pawnee	9	23	16	W	352	S	2322	E	GAS
OMAR	1	15-145-30176-0001	KS	Pawnee	10	23	16	W	4950	S	330	E	GAS
SCHARTZ	1	15-145-00365-0001	KS	Pawnee	8	23	16	W	2970	S	4950	E	GAS
SCHARTZ A	2	15-145-20394-0000	KS	Pawnee	5	23	16	W	2313	S	2314	E	GAS
SCHARTZ B	1	15-145-20536-0000	KS	Pawnee	6	23	16	W	1999	S	669	E	GAS
WURM/ZOOK	1	15-145-20895-0000	KS	Pawnee	11	23	16	W	4651	S	2036	E	OG
ZOOK	2-2	15-145-21525-0000	KS	Pawnee	2	23	16	W	680	S	3980	E	GAS
WATSON	2	15-151-21685-0000	KS	Pratt	8	29	15	W	1030	S	4224	E	SWD
CAIN	1	15-159-60009-0001	KS	Rice	33	19	7	W	330	S	330	E	GAS
ENGELLAND OWWO	1	15-159-30183-0001	KS	Rice	3	20	7	W	2310	S	4290	E	GAS
BLAUER EST	1-21	15-163-21464-0000	KS	Rooks	21	7	19	W	3630	S	2310	E	OIL

PROBASCO	1	15-163-21564-0000	KS	Rooks	26	6	20	W	1650	S	2970	E	OIL
ROSS	1	15-163-22070-0000	KS	Rooks	2	7	20	W	2970	S	3630	W	OIL
ROSS	2	15-163-22753-0001	KS	Rooks	2	7	20	W	4349	S	382	E	EOR
CHURCH	1	15-173-20764-0001	KS	Sedgwick	23	29	1	E	4950	S	330	E	OIL
DUGAN FARMS	1	15-173-20883-0000	KS	Sedgwick	13	28	2	W	660	S	660	E	OIL
EWERTZ	1	15-173-20869-0000	KS	Sedgwick	19	28	1	W	4290	S	2970	E	OIL
EWERTZ	2	15-173-20875-0000	KS	Sedgwick	19	28	1	W	4390	S	4290	E	OIL
GLASER SWD	1	15-173-20631-0002	KS	Sedgwick	13	29	1	E	2475	S	5230	E	SWD
HOPPE FARMS	1	15-173-01035-0001	KS	Sedgwick	24	28	2	W	4950	S	330	E	OIL
SIMON	1	15-173-20881-0000	KS	Sedgwick	19	28	1	W	3530	S	2310	E	OIL
THOME	1	15-173-20835-0000	KS	Sedgwick	19	28	1	W	3300	S	3300	E	OIL
THOME	2	15-173-20856-0000	KS	Sedgwick	19	28	1	W	3464	S	4611	E	SWD
AGA	2	15-175-01004-0001	KS	Seward	33	33	32	W	3300	S	3400	E	GAS
ARKALON	1-28	15-175-21222-0000	KS	Seward	28	33	32	W	1658	S	966	E	GAS
ARKALON	2-28	15-175-21573-0000	KS	Seward	28	33	32	W	4730	S	1706	E	GAS
ARKALON	1-22	15-175-20759-0003	KS	Seward	22	33	32	W	2310	N	330	W	GAS
BALL	1-26	15-175-21835-0000	KS	Seward	26	32	32	W	1960	S	312	E	GAS
BIRNEY A	1	15-175-20088-0001	KS	Seward	25	32	32	W	2310	S	2970	E	GAS
BIRNEY-IRWIN	1-30	15-175-21902-0000	KS	Seward	30	32	31	W	3300	S	2970	E	GAS
BOLES	1-16	15-175-21157-0001	KS	Seward	16	35	34	W	660	S	4623	E	GAS
BROWN	1A-29	15-175-22194-0001	KS	Seward	29	34	32	W	666	S	649	E	GAS
BURR	1-4	15-175-22114-0000	KS	Seward	4	33	31	W	1320	N	1250	W	GAS
BURR	1-5	15-175-22067-0000	KS	Seward	5	33	31	W	2970	S	1650	E	GAS
COLBURN	13-91	15-175-20328-0001	KS	Seward	17	33	32	W	660	S	4620	E	GAS
COLBURN	1A-21	15-175-21850-0000	KS	Seward	21	33	32	W	3960	S	1320	E	GAS
COLBURN	1-21	15-175-20783-0000	KS	Seward	21	33	32	W	3960	S	1980	E	GAS
COSNER-SNYDER TRUST	1-30	15-175-21876-0000	KS	Seward	30	32	31	W	2310	S	510	E	GAS
COVEL TRUST	1-24	15-175-20926-0000	KS	Seward	24	31	32	W	4658	S	1929	E	OG
COVEL TRUST	2-24	15-175-21064-0000	KS	Seward	24	31	32	W	1320	S	3720	E	GAS
COVEL TRUST	2A	15-175-22144-0000	KS	Seward	24	31	32	W	4056	S	2579	E	GAS
FAWCETT	1-33	15-175-22160-0000	KS	Seward	33	32	32	W	4620	S	3300	E	OG
FAWCETT A	1	15-175-21268-0000	KS	Seward	28	32	32	W	627	S	3269	E	OG
GERONIMO	1-3	15-175-22146-0000	KS	Seward	3	35	32	W	3300	S	4620	E	GAS
GOOD A	1	15-175-21206-0001	KS	Seward	20	34	31	W	660	S	4620	E	OG
GOOD A	2	15-175-21256-0000	KS	Seward	20	34	31	W	1980	S	660	W	OG
GOOD A	3	15-175-21310-0002	KS	Seward	20	34	31	W	1006	S	4582	E	OG
GOOD B	1	15-175-21239-0001	KS	Seward	19	34	31	W	707	S	634	E	SWD
HANSON	1-33	15-175-21884-0000	KS	Seward	33	32	33	W	1250	S	1250	W	GAS
HANSON	2-33	15-175-22165-0000	KS	Seward	33	32	33	W	1545	S	1320	E	HI
HARVEY	1-18	15-175-22140-0000	KS	Seward	18	33	32	W	1650	N	1880	W	OG
HARVEY - B	1-19	15-175-00223-0000	KS	Seward	19	33	32	W	1320	S	1320	W	GAS
HIRN	1A-16	15-175-21877-0000	KS	Seward	16	33	32	W	1980	N	1980	W	GAS
HIRN RANCH	3	15-175-20497-0000	KS	Seward	17	33	32	W	3300	S	3300	E	GAS
IRWIN	1-25	15-175-21078-0001	KS	Seward	25	32	32	W	660	S	660	E	GAS
JACQUART	2	15-175-21950-0001	KS	Seward	30	33	32	W	2502	S	2824	E	PI
KANE-BAUGHMAN	1	15-175-20334-0000	KS	Seward	24	32	33	W	2010	S	1910	W	OG
LEMERT	1-2	15-175-20964-0002	KS	Seward	2	32	33	W	4634	S	4552	E	GAS
LEMERT	2-2	15-175-21965-0000	KS	Seward	2	32	33	W	4631	S	1279	E	HI
LEMERT PRINTZ	1-14	15-175-20119-0001	KS	Seward	14	32	33	W	1894	S	4761	E	SWD
LEMERT-PRINTZ	2-14	15-175-20259-0000	KS	Seward	14	32	33	W	567	S	4727	E	OIL
MASSONI	1-31	15-175-01009-0001	KS	Seward	31	32	31	W	1320	S	3960	E	GAS
MASSONI	1-5	15-175-22041-0000	KS	Seward	5	33	31	W	2310	S	2970	E	GAS
MASSONI	2-31	15-175-21858-0000	KS	Seward	31	32	31	W	4290	S	4290	E	GAS
OLDS-ROEHR	1	15-175-01008-0001	KS	Seward	1	33	32	W	1980	S	1980	E	GAS
OLDS-ROEHR	2-1	15-175-22035-0000	KS	Seward	1	33	32	W	2332	N	330	W	GAS
ORMISTON	1	15-175-10096-0000	KS	Seward	24	33	31	W	4623	S	1974	E	OG
PRINTZ	1-15	15-175-20147-0000	KS	Seward	15	32	33	W	1880	S	1980	E	OIL
PRINTZ	2-15	15-175-20208-0000	KS	Seward	15	32	33	W	660	S	1980	E	OIL
SALLEY D	1	15-175-00540-0000	KS	Seward	29	33	32	W	1980	S	3300	E	OG
SALLEY D	2	15-175-21758-0000	KS	Seward	29	33	32	W	3960	S	3960	E	RES
SALLEY D	3	15-175-21995-0000	KS	Seward	29	33	32	W	660	S	990	E	OG
SATTERFIELD	2	15-175-20464-0000	KS	Seward	13	31	32	W	3976	S	1308	E	GAS
SHIRLEY	1A-16	15-175-21855-0000	KS	Seward	16	33	32	W	1980	S	3300	E	GAS
SIEMENS	1-29	15-175-21185-0001	KS	Seward	29	32	31	W	3960	S	4950	E	GAS
SIMS	2-36	15-175-21763-0000	KS	Seward	36	32	32	W	1320	S	3300	E	GAS
SLEEPER	1	15-175-20324-0001	KS	Seward	25	33	31	W	666	S	1585	E	OIL

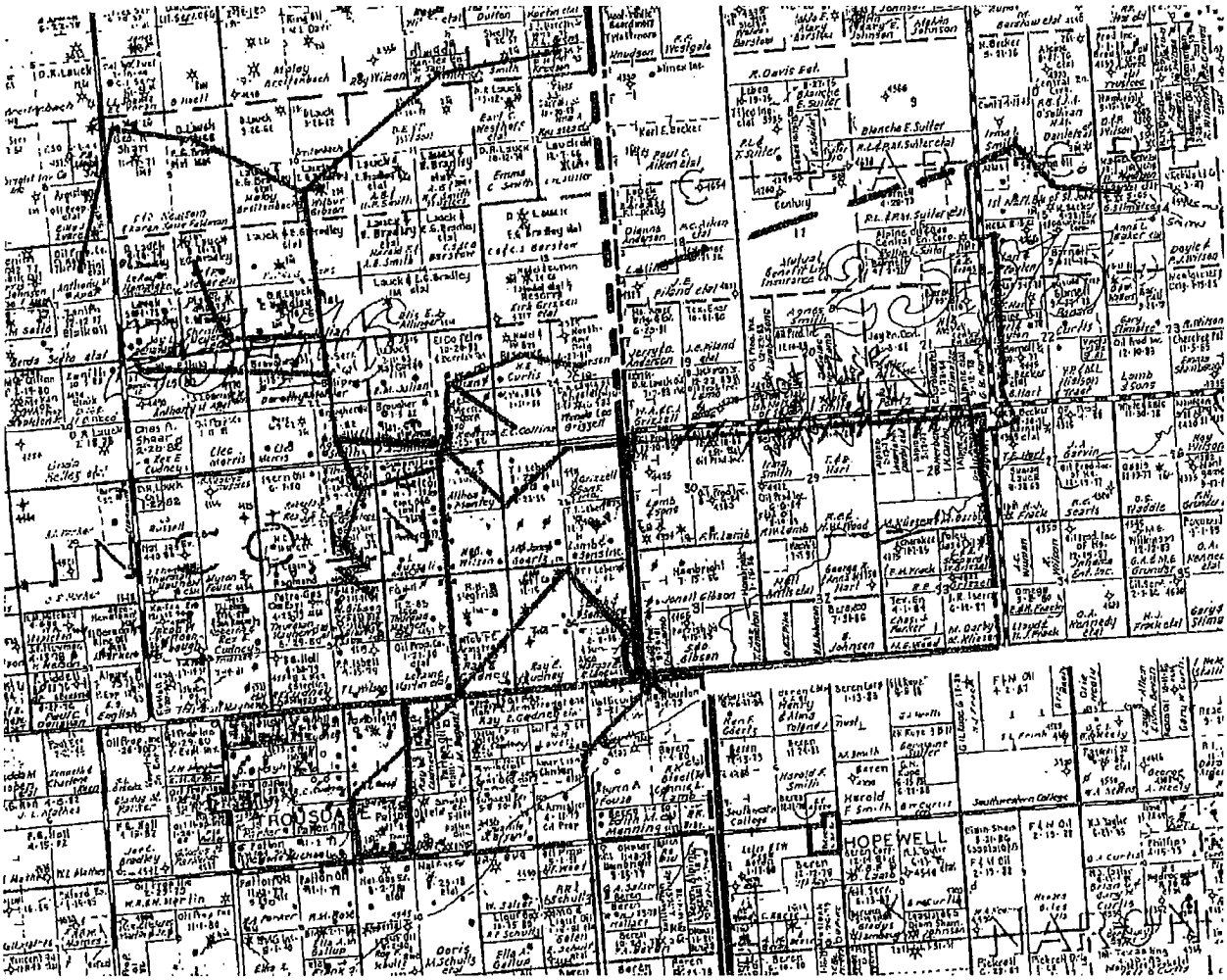
SPRINKLE	1	15-175-21265-0001	KS	Seward	29	34	31	W	4634	S	4603	E	OIL
STANLEY	1A-23	15-175-21694-0000	KS	Seward	23	32	32	W	1320	S	1320	E	GAS
STOLL	1-27	15-175-21105-0000	KS	Seward	27	31	32	W	4298	S	4280	E	OIL
STOLL	2-27	15-175-21238-0000	KS	Seward	27	31	32	W	4309	S	1666	E	OG
STOLL	3-27	15-175-21306-0000	KS	Seward	27	31	32	W	4037	S	4004	E	GAS
STOLL	4-27	15-175-21844-0000	KS	Seward	27	31	32	W	4053	S	1256	E	GAS
WALKER	1-34	15-175-21951-0000	KS	Seward	34	32	32	W	330	S	4950	E	GAS
WALKER	1A-35	15-175-21846-0000	KS	Seward	35	32	32	W	4940	S	3335	E	GAS
WALKER	3-34	15-175-22110-0000	KS	Seward	34	32	32	W	2263	S	4965	E	GAS
WARDEN OWWO	3	15-175-20080-0001	KS	Seward	25	34	33	W	4620	S	1980	E	GAS
WETTSTEIN	1-28	15-175-21220-0000	KS	Seward	28	32	32	W	660	S	1320	E	OG
WETTSTEIN	1-33	15-175-21138-0001	KS	Seward	33	32	32	W	3960	S	1980	E	GAS
WETTSTEIN	2A-33	15-175-22031-0000	KS	Seward	33	32	32	W	1440	S	3830	E	HI
WRIGHT	1-21	15-175-21731-0000	KS	Seward	21	33	32	W	2310	S	330	E	GAS
WRIGHT	3	15-175-21732-0001	KS	Seward	21	33	32	W	2206	S	357	E	SWD
BROWN	1	15-185-10472-0000	KS	Stafford	18	24	14	W	1664	S	996	E	GAS
DEVORE C	1	15-185-21652-0000	KS	Stafford	3	23	14	W	2310	N	330	W	OIL
GRAYBILL	1	15-185-20992-0000	KS	Stafford	28	24	15	W	1010	S	1006	E	GAS
VOSBURGH	1-2	15-185-23657-0000	KS	Stafford	2	24	15	W	3004	S	1991	E	OG
WALLS	2	15-185-21172-0000	KS	Stafford	9	23	14	W	3560	S	2242	E	OIL
WALLS	3	15-185-21264-0000	KS	Stafford	9	23	14	W	4252	S	2346	E	OIL
WILSON F	2	15-185-23004-0000	KS	Stafford	14	25	15	W	4950	S	3630	E	OG
WILSON G	1	15-185-22062-0000	KS	Stafford	11	25	15	W	1650	S	1590	E	OG
WILSON H	1	15-185-22981-0000	KS	Stafford	15	25	15	W	4620	S	660	E	OG
WILSON H	2	15-185-23334-0000	KS	Stafford	15	25	15	W	990	N	2140	E	GAS
BONNET	1	15-189-20574-0000	KS	Stevens	8	34	38	W	1298	N	80	E	GAS
BRECHEISEN	1	15-189-00751-0000	KS	Stevens	9	35	38	W	1320	S	3960	E	GAS
FUNKE A	1	15-189-10045-0001	KS	Stevens	4	34	38	W	1251	S	3995	E	SWD
GREWELL	1	15-189-20571-0000	KS	Stevens	4	34	38	W	2012	S	3920	E	GAS
RICKART	1	15-189-20621-0000	KS	Stevens	36	34	39	W	1320	N	1320	E	GAS
YOUNG	1	15-189-20566-0000	KS	Stevens	17	35	38	W	1320	N	1320	W	GAS
LEEPER	2	15-191-22202-0000	KS	Sumner	24	31	1	W	3630	S	3300	E	OIL
LEEPER	3	15-191-22254-0001	KS	Sumner	24	31	1	W	4867	S	4718	E	SWD
BARBY O. C.	1	35-007-35401	OK	BEAVER	36	04N	25	E	0		0		GAS
BENJEGERDES	2-34	35-007-24699	OK	BEAVER	34	04N	23	E	1320	S	1320	W	GAS
CRAWFORD	2A-14	35-007-25103	OK	BEAVER	14	04N	20	E	1420	S	1320	W	GAS
CRAWFORD	1	35-007-36606	OK	BEAVER	14	04N	20	E	1980	N	1980	E	GAS
HOOVER	9-16	35-007-21277	OK	BEAVER	4	01N	22	E	1320	S	1320	W	GAS
ROBINS TRUST	1-3	35-007-25203	OK	BEAVER	3	04N	24	E	1320	S	1980	W	GAS
SAUNDERS	15-171	35-007-21455	OK	BEAVER	3	01N	22	E	1320	S	1320	W	GAS
MOORE	29-460	35-043-21057	OK	DEWEY	25	18N	17	W	1320	S	1320	E	GAS
ZOLDOSKE	51-784	35-045-21151	OK	ELLIS	5	24N	24	W	1980	S	660	W	GAS
BROOKS	1	35-059-20549	OK	HARPER	7	28N	22	W	660	N	1980	W	OIL
COTTER	1-17	35-059-21225	OK	HARPER	17	28N	24	W	660	S	660	W	GAS
STINSON-STATE	1	35-059-20816	OK	HARPER	2	28N	25	W	1320	S	660	W	GAS
WILMONT	1	35-059-20993	OK	HARPER	27	28N	25	W	1320	S	1320	W	GAS
LYDIA V.WILLIAMS	1	35-073-22410	OK	KINGFISHER	24	16N	7	W	660	S	660	W	GAS
DOLESE	1	35-087-20607	OK	MCCLAIN	11	09N	4	W	1980	S	2130	W	OIL
GARDNER	2-12	35-139-30044	OK	TEXAS	12	02N	14	E	0		0		GAS
THOMPSON	1-33	35-139-23178	OK	TEXAS	33	06N	11	E	1650	S	1671	W	TM
THOMPSON	2-33	35-139-23884	OK	TEXAS	33	06N	11	E	0		0		OIL
GENEVA MAY	1	35-151-21333	OK	WOODS	23	29N	17	W	1980	S	660	W	OIL
GENEVA MAY	2-23	35-151-22658	OK	WOODS	23	29N	17	W	2400	S	1960	W	OIL
GENEVA MAY	3-23A	35-151-22737	OK	WOODS	23	29N	17	W	860	S	1880	W	OIL
GENEVA MAY	4-23	35-151-23061	OK	WOODS	23	29N	17	W	660	S	660	W	OIL
GENEVA MAY	5-23	35-151-23300	OK	WOODS	23	29N	17	W	660	S	660	W	OIL
GENEVA MAY	6-23	35-151-24049	OK	WOODS	23	29N	17	W	1845	S	795	W	OIL
GLASGOW	1-4	35-151-22252	OK	WOODS	4	25N	13	W	1320	S	660	W	GAS
LENHART	1-4	35-151-21047	OK	WOODS	4	28N	17	W	1320	S	2640	W	GAS
LENHART	3-4	35-151-23516	OK	WOODS	4	28N	17	W	1040	N	1470	W	OIL
MAY	1	35-151-21252	OK	WOODS	14	29N	17	W	1980	S	735	W	GAS
MAY	2-14	35-151-22962	OK	WOODS	14	29N	17	W	660	N	1980	W	GAS
MURROW	1	35-151-21419	OK	WOODS	4	25N	13	W	1320	S	100	W	GAS
MURROW	2	35-151-24153	OK	WOODS	4	25N	13	W	1320	S	1320	E	OIL
CONVERSE	1-130	42-195-80100	TX	HANSFORD									
CONVERSE	2-130	42-195-31497	TX	HANSFORD									GAS

CONVERSE	3-130	42-195-31496	TX	HANSFORD									GAS
TERRELL A	1	42-341-32493	TX	MOORE									GAS
WELLS	1	42-341-32647	TX	MOORE									GAS
STEEL	2	42-421-30565	TX	SHERMAN									GAS

EXHIBIT B

"GG System"

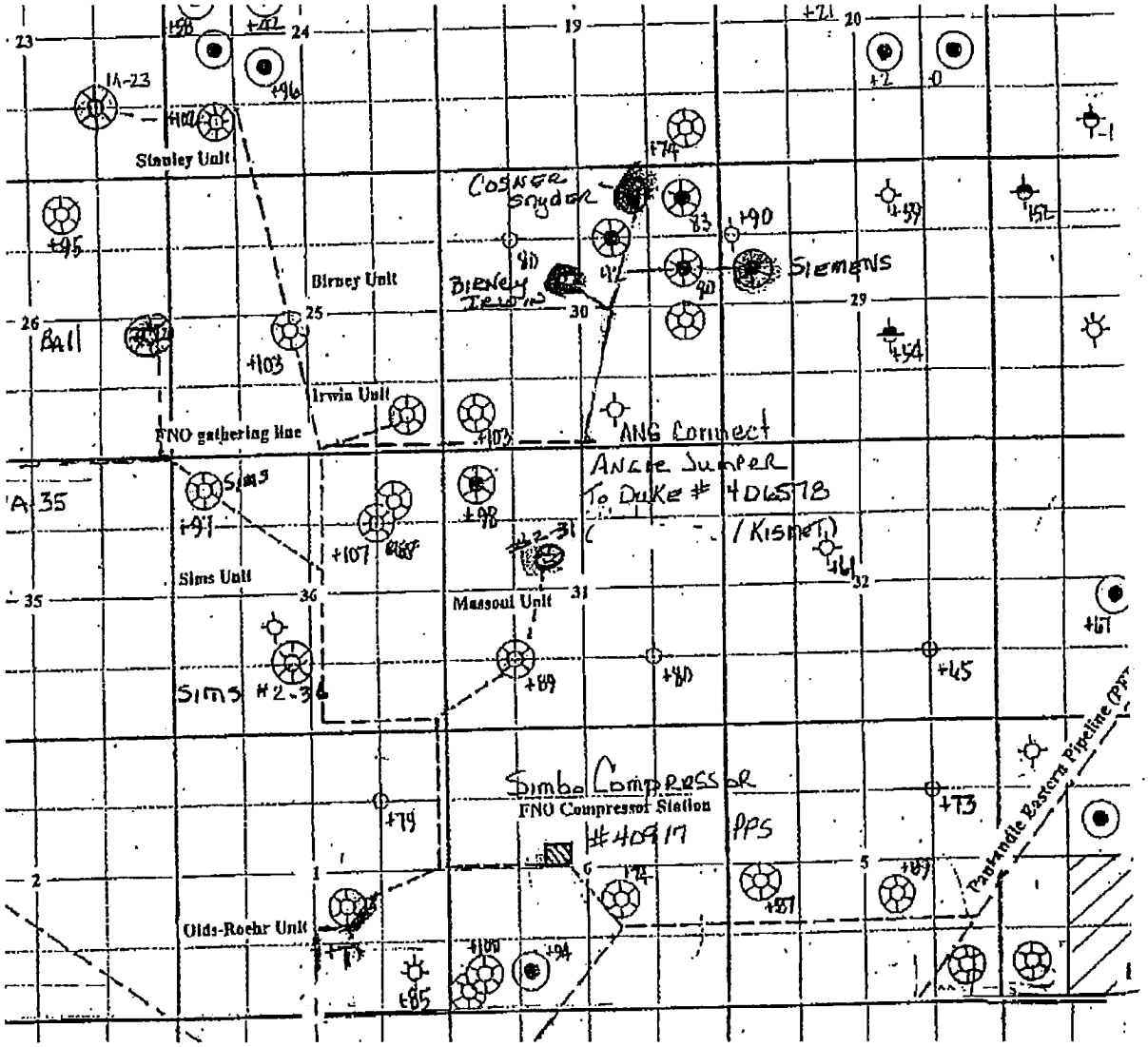
Edwards County Gas Company (GG 00093)



The Midstream Assets pertain to certain lands within the following governmental sections in Edwards or Stafford Counties, Kansas, or adjacent thereto, as depicted above:

T25S-R16W: Sections 1, 2, 8, 9, 10, 11, 12, 13, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 34, 35, 36
T26S-R16W: Sections 1, 2, 3, 11, 12, 13, 14, 22, 23, 24
T25S-R15W: Sections 10, 14, 15, 16, 17, 18, 22, 27, 28, 31, 32, 33
T26S-R15W: Sections 4, 5, 6

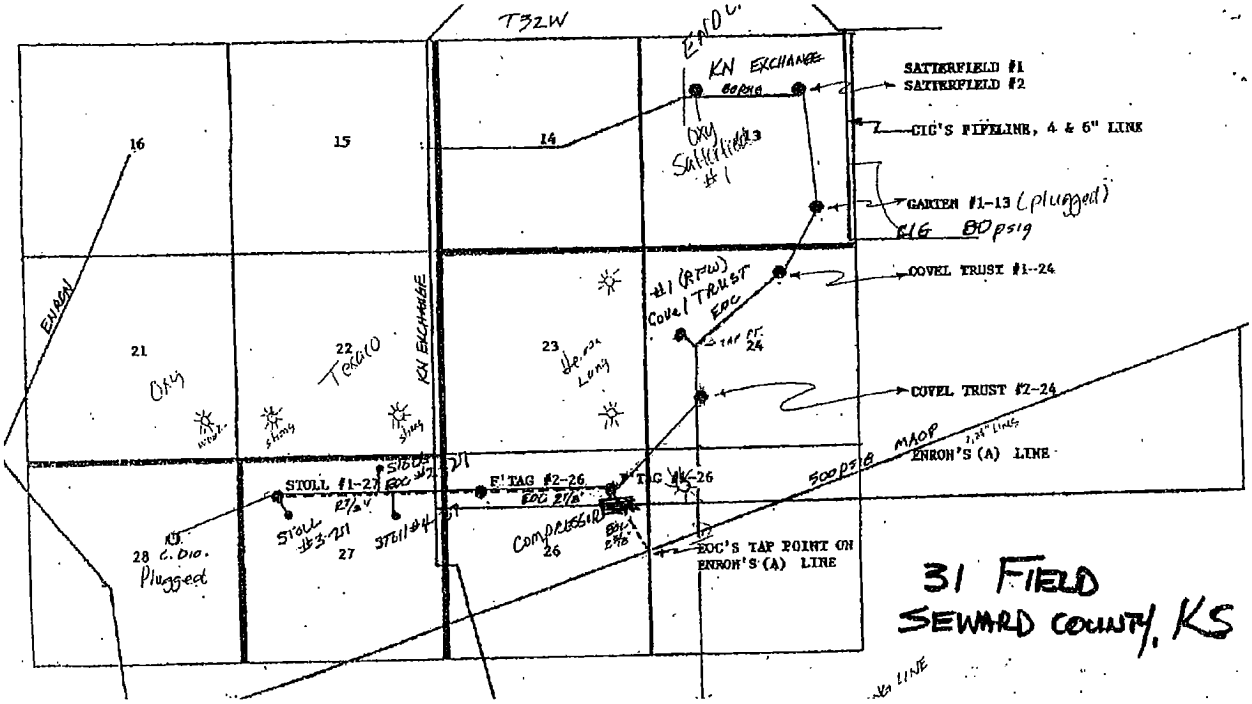
Sims Field (GG 00094)



Certain lands in Seward County, Kansas, as depicted above:

T32S-R32W: Sections 23, 24, 25, 36
T33S-R32W: Section 1
T32S-R31W: Sections 30, 31
T33S-R31W: Sections 5, 6, 7

31 Field (GG 00092)



Certain lands in Seward County, Kansas, as depicted above:

T31S-R32W: Sections 13, 14, 24, 25, 26, 27