

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 33530
Name: Reif Oil & Gas Co., LLC
Address 1: P O Box 298
Address 2: _____
City: Hoisington State: KS Zip: 67544 + _____
Contact Person: Don J. Reif
Phone: (620) 786 - 5698
CONTRACTOR: License # _____
Name: South Wind Rig 6
Wellsite Geologist: Jim Musgrove & Josh Austin
Purchaser: _____

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☒ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW

☐ Plug Back: _____ Plug Back Total Depth: _____
☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ ENHR Permit #: _____
☐ GSW Permit #: _____

3-22-11 7/25/11 3-29-11 7/31/11 3-29-11 7/31/11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Per Geo Report / CP4

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

API No. 15 - 009-25588-00-00

Spot Description: _____

NE/4 NW/4 NW/4 Sec. 20 Twp. 16 S. R. 14 ☐ East ☒ West
356 Feet from ☒ North / ☐ South Line of Section
1023 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☒ NE ☐ NW ☐ SE ☐ SW

County: Barton

Lease Name: Och's A Well #: 2

Field Name: Herman

Producing Formation: Artuckle

Elevation: Ground: 1959 Kelly Bushing: 1967

Total Depth: 3483 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

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AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Donald J. Reif

Title: President Date: 2-14-12

KCC Office Use ONLY

☐ Letter of Confidentiality Received

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

ALT ☒ I ☐ II ☐ III Approved by: DJ Date: 2/3/12

Operator Name: Reif Oil & Gas Co., LLC Lease Name: Och's A Well #: 2
 Sec. 20 Twp. 16 S. R. 14 ☐ East ☒ West County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, Submit Copy) List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Per Geo Report
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8"	23	634	Common	275	3% CC 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
		D & A		

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	D & A		

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
D & A					

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665

Phone: 785-324-1041 fax: 785-483-1087

Email: cementing@ruraltel.net

Date: 7/30/2011

Invoice # 5114

P.O.#:

Due Date: 8/29/2011

Division: Russell

Invoice

Contact:

REIF OIL & GAS

Address/Job Location:

REIF OIL & GAS

P.O. BOX 298

HOISINGTON KS 67544

Reference:

OCHS A-2

Description of Work:

LONG SURFACE JOB

Long Surface Job

Services / Items Included:

	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 991.39	No				
Common-Class A	275	\$ 3,642.57	Yes				
Bulk Truck Mat-Material Service Charge	290	\$ 629.71	No				
Calcium Chloride	10	\$ 408.88	Yes				
Pump Truck Mileage-Job to Nearest Camp	18	\$ 195.04	No				
8 5/8" Top Rubber Plug	1	\$ 115.09	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	18	\$ 114.13	No				
Baffle Plate Aluminum, 8 5/8"	1	\$ 97.71	Yes				
Premium Gel (Bentonite)	5	\$ 88.38	Yes				

Invoice Terms:

Net 30.

SubTotal: \$ 6,282.90

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (942.43)

SubTotal for Taxable Items: \$ 3,699.73

SubTotal for Non-Taxable Items: \$ 1,640.73

Total: \$ 5,340.46

Tax: \$ 270.08

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 5,610.54

Applied Payments:

Balance Due: \$ 5,610.54

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5114

Date	7-25-11	Sec.	20	Twp.	16	Range	14	County	Barton	State	KS	On Location		Finish	9:30 PM
Lease	cash	Well No.	A #2			Location BT - Russell County Line, 3 S to									
Contractor	Southwind #6								Owner, 200 Pl. 2 3/4 W, S/S						
Type Job	Surface								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.						
Hole Size	12 1/4"		T.D.		644'		Charge To Reil oil & gas								
Csg.	8 5/8"		Depth		644'		Street								
Tbg. Size			Depth				City								
Tool			Depth				State								
Cement Left in Csg.	43.42'		Shoe Joint		43.42'		The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace		38 1/4 BLS		Cement Amount Ordered 275 sv Common 3 1/2 cu								
EQUIPMENT															
Pumptrk	1	No.	Cementer	Cisco		2% Gel									
Bulktrk	10	No.	Helper	Matt		Common									
Bulktrk		No.	Driver	Rick		Poz. Mix									
Bulktrk		No.	Driver			Gel.									
JOB SERVICES & REMARKS															
Remarks:	Cement did Circulate														
Rat Hole	Salt														
Mouse Hole	Flowseal														
Centralizers	Kol-Seal														
Baskets	Mud CLR 48														
D/V or Port Collar	CFL-117 or CD110 CAF 38														
	Sand														
	Handling														
	Mileage														
FLOAT EQUIPMENT															
	Guide Shoe														
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														
	1- Baffle plate														
	1- Rubber plug														
	Pumptrk Charge														
	Mileage														
Tax															
Discount															
Total Charge															
<div style="display: flex; justify-content: space-between;"> <div> X Signature </div> <div> </div> </div>															

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Southwind Drilling, Inc.
Plugging Orders & Reports

Lease: Ochs "A" #1

Plugging Received from KCC Representative:

Name: MARVIN MILLS Date: 7-29-11 Time: 2:00 P.M.

1 st plug @ <u>3445</u> feet, <u>25</u> sacks	Stands <u>55</u>
2 nd plug @ <u>975</u> feet, <u>25</u> sacks	Stands <u>16</u>
3 rd plug @ <u>650</u> feet, <u>130</u> sacks	Stands <u>11</u>
4 th plug @ <u>40</u> feet, <u>10</u> sacks	Stands <u>1</u>
5 th plug @ _____ feet, _____ sacks	Stands _____

Mousehole: _____ sacks

Rathole: 30 sacks

Total Cement Used: 220 sacks

Type of cement: 60/40 P02 4% Gel 1/4" F10 Seal

Plug Down @ 11:00 P.M. 7-31-11

Call KCC When Completed:

Name: ED Schumacher Date: 8-1-11 Time: 1:15 KCC WICHITA

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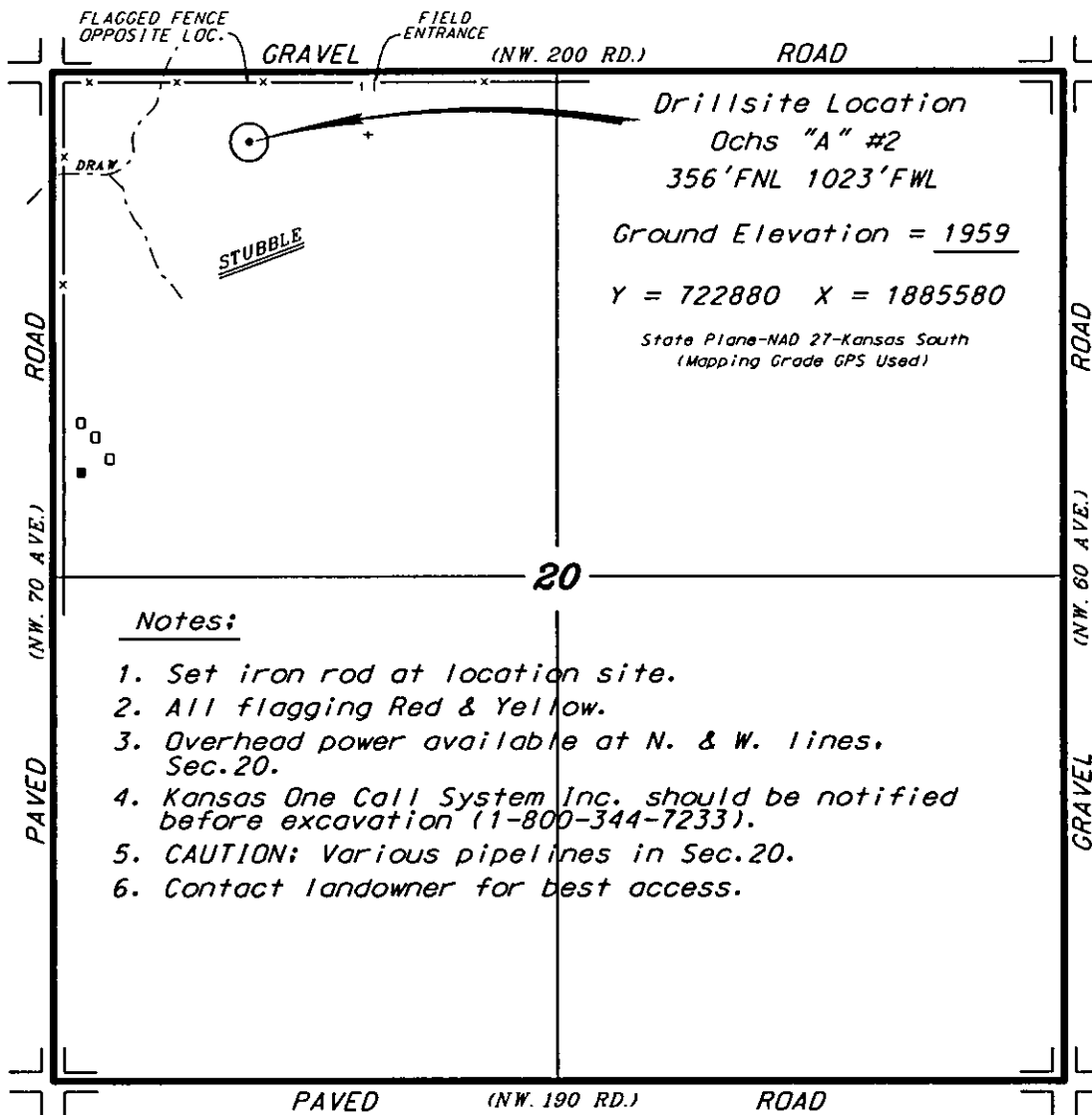
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COPY

REIF OIL & GAS COMPANY, LLC
OCHS LEASE
NW.1/4, SECTION 20, T16S, R14W
BARTON COUNTY, KANSAS

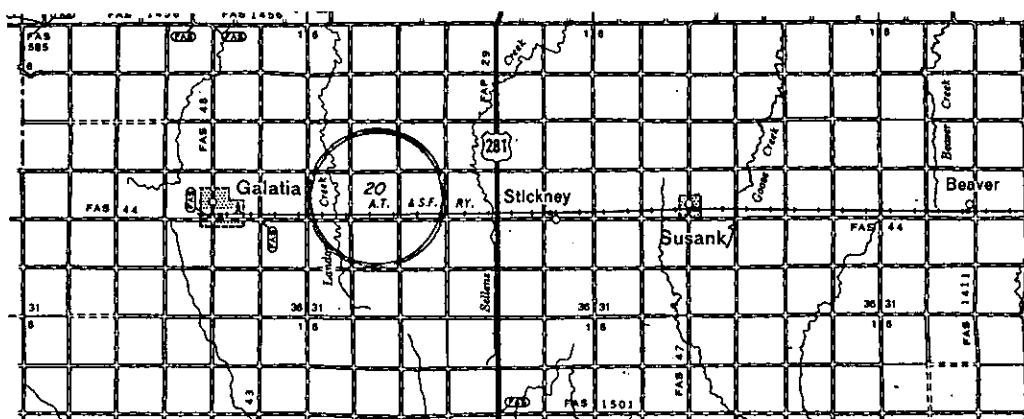
Directions:

From the intersection of Highway 281 and Highway 4 (3 miles west of Holsington, Kansas) go 8.0 miles North on Highway 281, then go 2.8 miles West on a county road to a flagged fence on the south r/w line of road, then go 0.06 miles South to location.



*Ingress and egress to location as shown on this plat is for use only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.

SCALE 1" = 1000'



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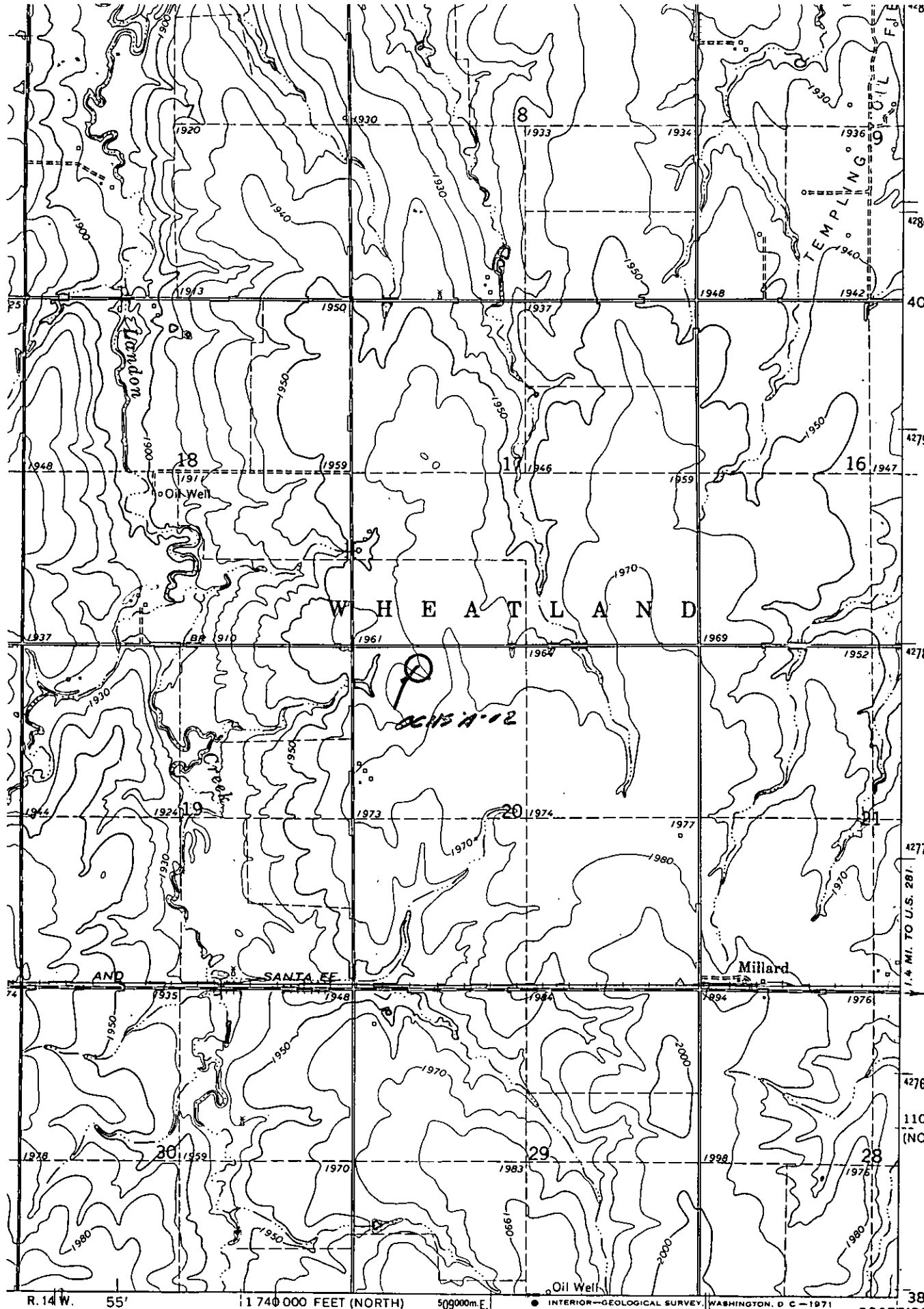
Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.

Elevations derived from National Geodetic Vertical Datum.

Date July 1, 2011

CENTRAL KANSAS OILFIELD SERVICES, INC. (620)792-1977



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1 MILE
FEET

ROAD CLASSIFICATION
Secondary highway, all weather, Light-duty road, all weather,
hard surface improved surface
Unimproved road, fair or poor

(HOISINGTON)
6261 III SE

SOUTHWIND DRILLING, INC.

RIG #6

PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Ochs "A" #2

Location: 356' FNL & 1023' FEL
API#: 15-009-25588-00-00

Section: 20-16S-14W
Barton County, Kansas

OWNER: Reif Oil and Gas
CONTRACTOR: Southwind Drilling, Inc.

COMMENCED: 7/25/2011
COMPLETED: 7/31/2011

TOTAL DEPTH: Driller: 3483'
Logger: N/A

Ground Elevation: 1886'
KB Elevation: 1894'

LOG:

0'	-	500'	Post rock / Clay / Shale
500'	-	677'	Clay / S. Soil
677'	-	1220'	Red Bed / Shale
1220'	-	2070'	Shale
2070'	-	3280'	Lime / Shale
3280'	-	3280'	LKC
3280'	-	3465'	Lime / Shale
3465'	-	3475'	Dolomite
3475'	-	3480'	Lime / Shale
3480'	-	3483'	Dolomite
		3483'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 15 joints of new 23# 8 5/8" casing, Tally @ 634.87', Set @ 644', cemented with 275 sacks of common, 3% cc, 2% gel, cement did circulate, by Quality (Ticket #5114), plug was down @ 9:30 pm on 7/25/2011.

Production casing – 5 1/2"

None – Plugged well

DEVIATION SURVEYS

1/4 degree(s)	@	677'
3/4 degree(s)	@	3280'
1/4 degree(s)	@	3280

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