



Operator Name: Edmiston Oil Company, Inc. Lease Name: Hartshorn Well #: 1  
 Sec. 36 Twp. 29 S. R. 9  East  West County: Kingman

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ✓ Plug Off Zone	4207-4225	Common	150	3% Chloride
	4207-4225	300 PSI	1	300 PSI well sealing treatment

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease     
  Open Hole    Perf.    Dually Comp.    Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18.)*     
  Other (Specify) \_\_\_\_\_

ORIGINAL

The Hartshorn # 1 was a dually completed well with a disposal zone in the Arbuckle formation; it also was producing gas out of the Mississippi formation, 4207-4225. The producing formation was squeezed off using 150 sax of Common cement along with 3% chloride on April 22<sup>nd</sup>. After pressure testing the squeeze job it became clear that the formation was still open. 300 PSI out of Oklahoma was called in to do a sealing treatment for the Mississippi formation. After testing overnight we were confident that the chemical sealant had taken and the producing formation was sealed off. The Hartshorn # 1 passed its M.I.T. and is now solely a disposal well.

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 09 2005

CONSERVATION DIVISION  
WICHITA, KS

CEMENTING CO., INC.

WELL, KS 67665  
(785) 483-3887  
X (785) 483-5566

ORIGINAL #149

5/23

\*\*\*\*\*  
\* INVOICE \*  
\*\*\*\*\*

Invoice Number: 096677

Invoice Date: 04/29/05

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 09 2005

CONSERVATION DIVISION  
WICHITA, KS

Sold Edmiston Oil Co., Inc.  
To: P. O. Box 232  
Great Bend, KS  
67530

Cust I.D.....: Edmi  
P.O. Number...: Hartshorn #1  
P.O. Date.....: 04/29/05

05/29/05

Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	150.00	SKS	8.7000	1305.00	T
Chloride	5.00	SKS	38.0000	190.00	T
Land	4.00	SKS	8.5000	34.00	T
Handling	159.00	SKS	1.6000	254.40	T
Mileage (35)	35.00	MILE	9.5400	333.90	T
159 sks @.06 per sk per mi					
Squeeze	1.00	JOB	1370.0000	1370.00	T
Mileage pmp trk	35.00	MILE	5.0000	175.00	T
Manifold	1.00	EACH	75.0000	75.00	T

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of \$ **373.73**  
ONLY if paid within 30 days from Invoice Date

Subtotal: 3737.30  
Tax.....: 198.08  
Payments: 0.00  
Total....: 3935.38

- 373.73  
3561.65

5020-553-3599  
SQUEEZE WELL-SWD

MAY - 4 2005

*Dale May*  
PAID \$ \_\_\_\_\_  
Date \_\_\_\_\_  
Check # \_\_\_\_\_  
Mailed \_\_\_\_\_

**300 PSI** DIVISION OF HARRIS MUD & CHEMICAL, INC.

ORIGINAL #844

INJECTION WELL MECHANICAL INTEGRITY RESTORATION SERVICES

P.O. Box 370 - Olney, Illinois 62450  
 800-207-7395 • Fax 618-395-7396  
 (IL) 618-395-7395 • (OK) 918-358-5713  
 (LA) 318-382-0098

INVOICE NO.: OK1859

INVOICE DATE: May 18 05

County: Kingman Co/KS

Well Name: Hartshorn SWD

Delivery Ticket OK1859  
 Nos.:

SOLD TO Edmiston Oil Company, Inc.  
 PO Box 232  
 Great Bend, KS  
 67530

PRODUCT	Package Size	QUANTITY	PRODUCT CODE	UNIT PRICE	AMOUNT
300 PSI Well Treatment	Each	1.00	PS1001	5,500.00	5,500.00
<p>RECEIVED                  KANSAS CORPORATION COMMISSION                  AUG 09 2005                  CONSERVATION DIVISION                  WICHITA, KS</p> <p><i>Dale May</i></p>					
<p>5020-553-3599                  SQUEEZE WELL</p>					
<p><b>SUB TOTAL</b></p>					5,500.00
<p>State Sales Tax</p>					0.00
<p>Transportation (IL)</p>					0.00
<p>Transportation (OK)</p>					800.00
<p>Transportation (LA)</p>					0.00
<b>TOTAL</b>					<b>6,300.00</b>

P.O. #

Terms: 10%30 Net 31

Deduct \$550.00

If Paid By June 18, 2005

MAY 23 2005

# Job Log for HARTSHORN #1 SQUEEZE JOB.

ORIGINAL

DATE:	LEASE Hartshorn	WELL NO 1
2-27-04	Kansas Acid - Acidize Well w/ 1500 Gals 28% HCL.	
4-18-05	Co. Rig - MI RI - Get on standing valve, pull 20 Rods out w/ singles, lay on table. S.D. Secure well.	
4-19-05	FINISH pulling 3/4" Rods w/ singles. Rig for tubing, unlatch production string from parallel anchor, pull tubing out of hole slowly, catching on SWD string collars. All on bank - secure well site. Hook SWD backup S.D.	
4-21-05	Rig up to pull sealite out of hole. Release 4 1/2 x 2 3/8" Lok-Set Packer, came out of hole - pull out all inserts, cap off pendants. All on bank - packer - tubing - parallel anchor, etc. Broke well head off. Secure well, S.D.	
4-22-05	Rig up Baker Oil Tools to squeeze off mississippi. Push 7" plug down 6 joints. Come out, run in 7" full bore packer - push plug past perfs - work plug up down to set plug @ 4263' - Test plug, 1500psi. ob. Set packer @ 4125' get injection rate 1500psi to 1000psi in 10 min. Call Acid @ 2 1/2 BPM @ 1300psi. Shut down pressure 500psi. Start pumping cement down tubing - cement 150 sac w/ 3% calcium - cement set up @ 2000psi when it hit perforations. Reverse tubing load out of pipe. Release packer. Pull 10 joints. Secure well, S.D.	
4-25-05	Co. Rig - Finish pulling tubing and 7" Squeeze packer out of hole. Break tool down, load on Baker's Truck. Secure well site, S.D.	
4-28-05	Rig up to drill cement (R.F.T.) Tally + run in drill bit, collars and tubing. Tag cement @ 4124'. Break circulation, start drilling. Drill thru to 4250' was h for 25 min. Hang swivel back, pull 67 joints out of hole. S.D.	
4-29-05	Finish pulling bit out of hole. Go in after plug with catch tool, wash off plug - latch on to plug. Pull all out of hole. Rig K.F.T. down. Hook up SWD towers. S.D. Rig up to run packer + tubing. Run in 7" x 2 3/8" Sealite. TENSID Packer - "upside down", 129 lbs 2 3/8" Sealite with NeoSeals, set packer in sit down mode @ 4277'. Packer has an 18' x 2 3/8" Fiberglass tail pipe - Brm. @ 4295'. STRING weight = 28,500. Land tubing - pack well off. Rig up Kansas Acid - Acidize with 750 Gals. 28% NE DLF. Displace fresh water, press up 200psi, holding 1 hour later. Well on 28" of vacuum, 17" AD-1 Packer (upside down). Left - counter clock. Release. Right - clockwise set. S.D.	

CONSERVATION DIVISION  
WICHITA, KS

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AUG 10 9 2005

ORIGINAL

DATE:	LEASE NAME	WELL NO
5-5-05	Harts Horn	SUD
Rig down to M.I.T. would not pass. Rig back up. Pull one joint, reset packer, load backside, try to more times - losing 100PSI every 5 min. Secure Well, S.D.		
5-6-05	Pull packer up above (Mississippi Peak, set @ 4143' load backside. Press up to 300PSI, hold for 30 min, call in, unseat packer - let swing. Secure well, load equip. - go to yard, S.D.	
(5-4-05) Ran: 12 joints 2 7/8" New Seal Tite Tubing, 1-18' x 2 7/8" lubricated tail joint.		
5-10-05	Co. Rig - MTRU. - Run 4- 2 7/8" Its Seal Tite, set 7" x 2 7/8" Set Down/Tension packer. Right set - Left (Counter Clock), release. Pull up to release, let swing. Rig up 300 PST, Squeeze Company. Pump 100 gal mixture in hole, pump to packer, set packer pressure up to squeeze off leak @ Miss, leave pressure on annulus. Stop wearing down gas pack, etc. Packer @ 4277'.	
5-11-05	Well still pressured up and holding 300PSI. Call State Man, on location. Well passed MIT. State Man says - Well has to be MIT'd every year. RDMO. S.D.	

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