

ORIGINAL ~~CONFIDENTIAL~~ CONFIDENTIAL

2nd yr. To Release
1-22-91
1-22-92

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

SIDE ONE

API NO. 15- 171-20396-0000

FROM CONFIDENTIAL County Scott

NE SE Sec. 17 Twp. 18S Rge. 31 X East West

1980 Ft. North from Southeast Corner of Section

670 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

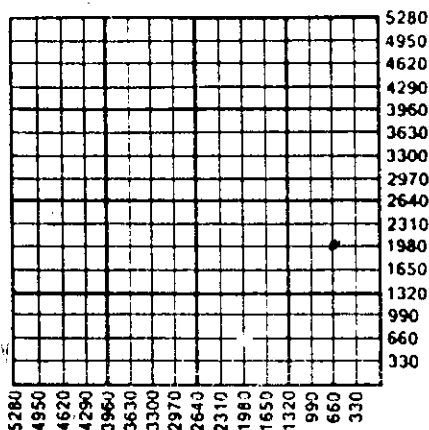
Lease Name MORRISON "H" Well # 1

Field Name wildcat

Producing Formation -----

Elevation: Ground 2947' KB 2952'

Total Depth 4578' PBDT -----



ALT II
DIA

Amount of Surface Pipe Set and Cemented at 378' 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.

Operator: License # 3988

Name: Slawson Exploration Company, Inc.

Address 104 S. Broadway, Suite 200

City/State/Zip Wichita, Kans. 67202-4165

Purchaser: -----

Operator Contact Person: R. Todd Slawson

Phone (303) 592-5100

Contractor: Name: L. D. Drilling, Inc.

License: 6039

Wellsite Geologist: Greg Davidson

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: -----

Well Name: -----

Comp. Date ----- Old Total Depth -----

Drilling Method:

Mud Rotary Air Rotary Cable

11-13-89

11-23-89

Spud Date

Date Reached TD

Completion Date

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]

Title Operations Manager Date 1/18/90

Subscribed and sworn to before me this 18th day of January, 1990.

Notary Public [Signature]

Date Commission Expires 1/11/93

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

G Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

ORIGINAL

Operator Name Slawson Exploration Co., Inc. Lease Name Morrison "H" Well # 1
Sec. 17 Twp. 18S Rge. 31 East County Scott West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No

DST #1: 4005-4029'/LKC 70; 30/20/20/20. Rec 3' oil speckled mud. IH: 1942; IF: 38-38; ISI: 54; FP: 40-40; FSI 54; FH: 1926; BHT 119.
DST #2: 4151-4172'/LKC 180; 30/20/20/20. Rec 1' free oil, 120' sl OCWM. IH: 2053; IF: 50-64; ISI: 1017; FP: 70-72; FSI: 1013; FH: 2040; BHT 130.
DST #3: 4186-4201'/LKC 200; 30/45/45/60. Rec 50' sl OCWM & 240' SW. IH: 2121; IF: 60-90; ISI 1090; FP: 118-162; FSI: 1088; FH: 2102; BHT 133.
DST #4: 4231-4249'/Middle Creek; 30/45/45/60. Rec 40' oil speckled muddy wtr & 1520' sulphur wtr. IH: 2117; IF: 462-587; ISI: 746; FP: 671-721; FSI: 819; FH: 2110; BHT 139.

LOGS TOPS Formation Description
Anhydrite 2266' (+680') BKC 4283' (-1331')
B/Anhydrite 2283' (+669') Marmaton 4319' (-1367')
Wabunsee 3504' (-552') Altamont 'B' 4360' (-1408')
Howard 3566' (-614') Pawnee 4421' (-1469')
Topeka 3608' (-656') Ft. Scott 4456' (-1504')
Reebner 3879' (-927') L/Cherokee 4479' (-1527')
Lansing 3924' (-972') Mississippian 4549' (-1597')
Muncie Creek 4104' (-1149') Dolo 4570' (-1618')
Stark 4193' (-1241') LTD 4584' (-1632')

CASING RECORD [] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Row 1: Surface, 12 1/4", 8 5/8", 20 & 24#, 378', 50/50 poz, 220, 2% Gel, 3% CC

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Includes columns for Shots Per Foot, Specify Footage of Each Interval Perforated, Amount and Kind of Material Used, and Depth.

TUBING RECORD Size Set At Packer At Liner Run [] Yes [] No

Date of First Production Producing Method [] Flowing [] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: [] Vented [] Sold [] Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [] Perforation [] Dually Completed [] Commingled [] Other (Specify)
Production Interval

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DRILLER'S WELL LOG

DATE COMMENCED: 11-13-89
DATE COMPLETED: 11-14-89

RECORDED

NOV 25 1989

SLAWSON EXPLORATION COMPANY, INC.
MORRISON "H" #1
NE SE Sec. 17-18S-31W
Scott County, Kansas

- 0 - 378 Surface
- 378 - 535 Clay & Sahle
- 535 - 1400 Clay - Sand - Shale
- 1400 - 2266 Shale
- 2266 - 2285 Anhy
- 2285 - 4578 Lime & Shale

FROM CONFIDENTIAL

ELEVATION: 2947 GR 2952 KB

FORMATION DATA (sample)

Top Anhy	2265 (+687)
Base Anhy	2285 (+670)
Wabunsee	3500 (-548)
Howard	3562 (-610)
Topeka	3605 (-653)
Heebner	3871 (-919)
Toronto	3890 (-938)
Lans.	3918 (-966)
Mun Creek	4097 (-1145)
Stark	4188 (-1236)
Hushpuckney	4234 (-1282)
Base K/C	4278 (-1326)
Marm.	4313 (-1361)
Altamont "B"	4350 (-1398)
Pawnee	4414 (-1462)
Ft. Scott	4451 (-1499)
Lower Cherokee	4475 (-1523)
Miss.	4541 (-1589)
Dolo.	4559 (-1607)
RTD	4578 (-1626)

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SURFACE CASING:

8 5/8" set @ 378' W/220 sx. 50/50 Poz,
2% Gel, 3% CC

A F F I D A V I T

State of Kansas)
County of Barton)^{SS}

GREG DAVIDSON of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Greg Davidson

Subscribed and sworn to before me this 28th day of November 1989.

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TELEPHONE:
AREA CODE 913 488-2827

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

NOV 5 1989

TO: Slawson Exploration Co. Inc.
Att: D. Paugh
200 Douglas Bldg.
Wichita, Kansas 67202

INVOICE NO. 55164
PURCHASE ORDER NO. _____
LEASE NAME Muzzail A #1
DATE Nov. 2, 1989

FROM CONFIDENTIAL

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$5.00	\$ 570.00	
Pozmix 76 sks @\$2.25	171.00	
Gel 11 sks. @\$6.75	<u>74.25</u>	\$ 815.25
Handling 190 sks @\$0.90	171.00	
Milege (43) @\$0.03¢ per sk per mi	245.10	
Plugging	450.00	
Mi @\$1.00 pmp. trk.	43.00	
1 plug	<u>20.00</u>	<u>929.10</u>
		Total \$ 1,744.35

50 sks. @2275'
80 sks. @1385'
40 sks. @ 380'
10 sks. @ 40'
15 sks. in R. H.

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

\$ 1395.48

THANK YOU

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

NOV 19 1989

2627, Russell, Kansas
 93-5861, Great Bend, Kansas

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Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 6710

Home Office P. O. Box 31

Russell, Kansas 67665

11-2-89	Sec 30	Twp 18	Range 30	Called Out 7:00 PM	On Location 8:00 PM	Job Start 9:45 AM	Finish 1:00 AM
Murrell A Well No. 1		Location Army 3W 2S			County Lane	State Ks	
Contractor <i>L.D. Drilling</i>				Owner <i>Shawson</i>			
Type Job <i>Rotary Plug</i>				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <i>7 7/8</i>		T.D. <i>4638'</i>		Charge To <i>Shawson Exploration Company Inc</i>			
Csg.		Depth		Street <i>200 Douglas Bldg.</i>			
Tbg. Size		Depth		City <i>Wichita</i> State <i>Ks. 67202</i>			
Drill Pipe <i>4 1/2 XH</i>		Depth <i>2275'</i>		The above was done to satisfaction and supervision of owner agent or contractor			
Tool		Depth		Purchase Order No.			
Cement Left in Csg.		Shoe Joint		X <i>Rick Degenhardt</i>			
Press Max.		Minimum		CEMENT			
Meas Line		Displace		Amount Ordered <i>190 1/40 6% gel</i>			
Perf.				Consisting of:			

EQUIPMENT

<i>Ness</i>		No.	Cementer	
Pumptrk	<i>158</i>		Helper	
Pumptrk		No.	Cementer <i>J.D.</i>	
			Helper <i>DUANE</i>	
Bulktrk	<i>199</i>		Driver <i>KRIS</i>	
Bulktrk			Driver	

DEPTH of Job		
Reference:	<i>Pump trk charge</i>	<i>450.00</i>
	<i>Mileage</i>	<i>43.00</i>
	<i>8 5/8 wooden plug</i>	<i>20.00</i>
	Sub Total	
	Tax	
	Total	<i>513.00</i>

Remarks: *2275' - 50ax*
1385' - 80ax
380' - 40ax
40' - 10ax
15ax in Pathok *Thank You.*

Common	<i>114</i>	<i>5.00</i>	<i>570.00</i>
Foz. Mix	<i>76</i>	<i>2.25</i>	<i>171.00</i>
Gel	<i>11</i>	<i>6.75</i>	<i>74.25</i>
Chloride			
Quickset			
Handling	<i>190</i>	<i>.90</i>	<i>171.00</i>
Mileage	<i>43</i>		<i>245.10</i>
Sub Total			<i>1231.35</i>
Total			<i>\$ 1744.35</i>
Disc			<i>- 348.87</i>
			<i>\$ 1395.48</i>