

ORIGINAL

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

Operator: License # 3988

Name: Slawson Exploration Co., Inc.

Address 621 N. Robinson, #490

City/State/Zip OKC, OK 73102

Purchaser: _____

Operator Contact Person: Steve Slawson

Phone (405) 232-0201

Contractor: Name: H-40 Drilling, Inc.

License: 30692

Wellsite Geologist: _____ KCC

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIDW Other (Core, WSW, Expl., Cathodic, etc.)
 Gas ENHR SIGW
 Dry

CONFIDENTIAL

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4-20-93 4-29-93
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,307

County Seward

NW - NW - NW - Sec. 15 Twp. 33S Rge. 33 E

330 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name HEIMAN Well # 1-15

Field Name Evalyn-Cordit

Producing Formation _____

Elevation: Ground 2822' KB 2832'

Total Depth 6450' PBSD _____

Amount of Surface Pipe Set and Cemented at 1704 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 1-14-93
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 8000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name _____

Lease Name ADD license # 1096

Quarter Sec. Twp. S Rng. E/W

County _____ FROM CONFIDENTIAL
Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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.

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 Division Operations Mgr. Date 6/7/93

Subscribed and sworn to before me this 11 day of June 19 93.

Notary Public Carla P. Piz

Date Commission Expires 12-1-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
DISTRIBUTION
 KCC SWD/Rep NSPA
 KGS Plug (Specify)
RECEIVED
STATE CORPORATION COMMISSION
JUN 7 1993
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Slawson Exploration Co., Inc. Lease Name HETMAN Well # 1-15

Sec. 15 Twp. 33S Rge. 33 East West
 County Seward

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Top/Heebner	4226'	-1392
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stark	4853'	-2019
List All E.Logs Run:		Marmaton	5032'	-2198
		Upper Cherokee	5234'	-2400
		Morrow Shale	5600'	-2766
		Chester	5812'	-2798
		St. Gen.	6128'	-3294
		St. Louis	6288'	-3454

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
Surface	12-1/4"	8-5/8"	24#	1704'	Lite Premium	510	2% cc 1/4#Flosea
					Premium C	150	2% cc 1/4#Flosea

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. _____ 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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

TRILOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data 15-175-21307-0000

Well Name HEIMAN #1-15 Test No. 4 Date 4/30/93
Company SLAWSON EXPLORATION INC. Zone MORROW
Address 621 N ROBINSON #490 OKLAHOMA CITY OK 73102 Elevation 2834
Co. Rep./Geo. JERRY DEAN Cont. H-40 RIG #1 Est. Ft. of Pay _____
Location: Sec. 15 Twp. 33S Rge. 33W Co. SEWARD State KS

Interval Tested 5588-5840 Drill Pipe Size 4.5 XH
Anchor Length 252 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5583-5588 Drill Collar - 2.25 Ft. Run 655
Bottom Packer Depth 5840 Mud Wt. 8.9 lb/Gal.
Total Depth 6450 Viscosity 48 Filtrate 7.6

Tool Open @ 11:00 PM Initial Blow 2" BLOW - BUILT TO BOTTOM OF BUCKET IN 9 MINUTES
ISI: BLED OFF BLOW - NO BLOW BACK
Final Blow 1" BLOW - BUILT TO 7"
FSI: BLED OFF BLOW - NO BLOW BACK

Recovery - Total Feet 175 Flush Tool? NO **RELEASED**

Rec. 175 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

APR 1 1996
FROM CONFIDENTIAL

BHT 131 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 4 @ 76 °F Chlorides 1200 ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 2856.9 PSI AK1 Recorder No. 13277 Range 4125
(B) First Initial Flow Pressure 225.9 PSI @ (depth) 5813 w/ Clock No. 25813
(C) First Final Flow Pressure 225.9 PSI AK1 Recorder No. 11038 Range 4175
(D) Initial Shut-in Pressure 236.4 PSI @ (depth) 5831 w/ Clock No. 27894
(E) Second Initial Flow Pressure 225.9 PSI AK1 Recorder No. 5495 Range 4200
(F) Second Final Flow Pressure 225.9 PSI @ (depth) _____ w/ Clock No. 3942
(G) Final Shut-in Pressure 236.4 PSI Initial Opening _____ Final Flow 30
(H) Final Hydrostatic Mud 2816.7 PSI Initial Shut-in _____ Final Shut-in 60

RECEIVED
STATE CORPORATION COMMISSION
MAY 30 1 1993
CONSERVATION DIVISION
Wichita, Kansas

Our Representative TOM HORACEK

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

15-175-21307

ORIGINAL

Well Name HEIMAN #1-15 Test No. 1 Date 4/27/93
 Company SLAWSON EXPLORATION INC. Zone MORROW
 Address 621 N ROBINSON #490 OKLAHOMA CITY OK 73102 Elevation 2834
 Co. Rep./Geo. JERRY DEAN Cont. H-40 RIG #1 Est. Ft. of Pay _____
 Location: Sec. 15 Twp. 33S Rge. 33W Co. SEWARD State KS

Interval Tested	<u>5595-5661</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>66</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>5590</u>	Drill Collar - 2.25 Ft. Run	<u>624</u>
Bottom Packer Depth	<u>5595</u>	Mud Wt.	<u>8.9</u> lb/Gal.
Total Depth	<u>5661</u>	Viscosity	<u>48</u>
		Filtrate	<u>8.0</u>

Tool Open @ 4:10 AM Initial Blow WEAK BLOW - BUILT TO 1"

Final Blow SURFACE BLOW - DIED IN 15 MINUTES

Recovery - Total Feet 30 Flush Tool? NO **RELEASED**

Rec. 30 Feet of DRILLING MUD **APR 1 1996**
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____ **FROM CONFIDENTIAL**
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 128 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 2639.1 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 47.2 PSI @ (depth) 5598 w / Clock No. 25813

(C) First Final Flow Pressure 47.2 PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-in Pressure 69.1 PSI @ (depth) 5658 w / Clock No. 27594

(E) Second Initial Flow Pressure 47.2 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 47.2 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 69.1 PSI Initial Opening _____ Final Flow 60

(H) Final Hydrostatic Mud 2610.3 PSI Initial Shut-in _____ Final Shut-in 90

Our Representative TOM HORACEK

RECEIVED
 STATE COMMISSION
 MAY 21 1993
 CONSERVATION DIVISION
 Hays, Kansas

ORIGINAL

NO. 345335-1

DATE 4-20-93

WELL NO. - FARM OR LEASE NAME: 1-15 HEIMAN

COUNTY: Sevier STATE: Ks CITY / OFFSHORE LOCATION:

CHARGE TO: H-40 Drilllog

OWNER: SLANSON Exp.

WELL TYPE (CHECK ONE): GEOTECH SALES YES NO

ADDRESS: H-40

CONTRACTOR: H-40

LOCATION: 1 LIBERAL, Ks CODE: 025540

CITY, STATE, ZIP: HUGOTON, Ks CODE: 025535

WELL TYPE: 01

WELL NO. (CONT.): 01

WELL NO. (CONT.): B-171454

ORDER NO. LOCATION

REFERRAL LOCATION: 3

TYPE AND PURPOSE OF JOB: 010

As consideration for the use of the following materials, the customer agrees to indemnify and hold Halliburton Services, its employees, agents, and subcontractors harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, which may be asserted against or incurred by Halliburton Services, its employees, agents, or subcontractors in connection with the use of the following materials, whether or not such claims, damages, losses, and expenses result from the negligence of Halliburton Services, its employees, agents, or subcontractors. This obligation shall survive the termination or expiration of this contract.

PRICE REFERENCE	QUANTITY	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
			QTY	PRICE	QTY	PRICE			
00-117		PAV BEAGE	12	1.00			275	33	00
01-016		15 TONS OF ASP	1710	0.06				1105	00
30-016		20 TONS OF ASP	1	0.06	15	0.06		120	00
01-018		2 TONS OF ASP	1	0.06				195	00

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APR 1 1996
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
MAY 24 1993
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B- 7361 12

JOHN EBERSOLE
HALLIBURTON OPERATOR

CUSTOMER APPROVAL: AP PAA 4962-13

FIELD OFFICE

SUB TOTAL: 8019 12

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

WELL DATA

WELL NO. 125
 OPERATOR: *Liberal KS*
 STATE: *Ks*
 COUNTY: *...*
 WELL NAME: *...*
 DATE: *...*
 DEPTH: *...*
 DIAMETER: *...*
 CEMENT TYPE: *...*
 PERFORATIONS: *...*

ORIGINAL

JOB DATA

JOB NO. *...*
 DATE: *...*
 TIME: *...*
 OPERATOR: *...*
 LOCATION: *Liberal, Ks*
 UNIT NO. *...*
 NAME: *...*
 ADDRESS: *...*
 CITY: *...*
 STATE: *...*
 ZIP: *...*

DESCRIPTION OF JOB: *CEMENT T&A SURFACE PIPE*
 JOB DONE THRU: TUBING CASING ANNULUS TEG/ANN.
 CUSTOMER REPRESENTATIVE: *[Signature]*
 HALLIBURTON OPERATOR: *[Signature]*
 COPIES REQUIRED: *...*

CEMENT DATA

NO.	DATE	TIME	WATER	CEMENT	WATER LOSS	WATER LOSS PER 100 LB
1
2

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APR 1 1996

FROM CONFIDENTIAL

REMARKS: *...*
 AVERAGE RATES IN EPS: *...*
 TOTAL VOLUME: *...*
 DATE: *4-20-93*

QUESTIONS
H-do Dals
F/ SIMMONS
HEIMAN
WELL NO. 1-15
JOB TYPE: 873
DATE: 4-20-93

AND TICKET CONTINUATION

545437

DATE: 5-1-88
 CHARGE TO: H-40
 MAIL NO: 171559
 CITY & STATE: H/E Liberal, Kansas

SHIP TO: Nelson 1-15
 COUNTRY: Seward
 STATE: Kansas

CONTRACTOR: B 171559
 PREPARED BY: Don Phillips
 RECEIVED BY: [Signature]

QUANTITY	UNIT PRICE	DESCRIPTION	UNIT	AMOUNT
900-042	518.00272	141 BK	8.69	1,225 29
900-103	918.00280	695 BK	.067	465 05
900-121	518.00284	4 BK		NC
900-171	518.00284	2 BK	15.50	124 00

ORIGINAL

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APR 1 1996
FROM CONFIDENTIAL

500-207 2 B 251 1.25 313 75
 500-306 2 B 27 285.211 .05 245 83

NO B 171559
 SUB-TOTAL: 237/ 72

Division of Production Chemistry

FORM 1000 (REV. 1-88)

NET TO CUSTOMER NAME: *Amoco*

DATE: *5-1-93*

CHANGE TO: *Amoco*

ADDRESS: *Amoco*

OWNER: *Amoco*

VEHICLE TYPE (CHECK ONE): VEHICLE SALES YES NO

LOCATION: *1 LUGAZAL* CODE: *25540*

LOCATION: *2 ALBERTA* CODE: *25515*

LOCATION: *3* CODE:

DELIVERED TO: *ALBERTA*

REPAIR LOCATION:

NOTE: In the event of the following event, only one will be held as the other will result in the other party being liable for legal costs and attorney fees. If both parties are notified.

IF THIS IS A PURCHASE OF FUEL, THE PURCHASER OF FUEL SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL TAXES AND FEES. IF THIS IS A PURCHASE OF OTHER PRODUCTS, THE PURCHASER SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL TAXES AND FEES.

UNIT 1	UNIT 2	UNIT PRICE	AMOUNT
<i>225</i>			<i>33.00</i>
<i>1215</i>			<i>1215.00</i>

ORIGINAL

RELEASED
APR 1 1996
FROM CONFIDENTIAL

AMOUNT: *2374.92*

SUB TOTAL: *3122.92*

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER SIGNATURE: *[Signature]*

OPERATOR SIGNATURE: *[Signature]*

FIELD OFFICE

FORM 1000
REV. 1-1-68

DISTRICT Line 24

APPROVED TO
ISSUE TICKET NO. 345427

DATE 5-1-92

TO: H. J. [unclear] TO DELIVER AND OPERATE

ORIGINAL

WELL NO. 4-40 RANGE 4-40

TO: [unclear]
FROM: [unclear]
MATERIALS: [unclear]
REMARKS: [unclear]

ITEM	DESCRIPTION	QTY	UNIT	PRICE		TOTAL
				FROM	TO	
1	WIRELINE	100	FT	17.04		1704
2	LINE	100	FT	23.50		2350
3	WIRELINE	75	FT	8.75		656.25
4	WIRELINE					
5	WIRELINE					
6	WIRELINE					
7	WIRELINE					
8	WIRELINE					
9	WIRELINE					
10	WIRELINE					

REMARKS: [unclear]

CUSTOMER'S NAME: [unclear]

As per our contract, we warrant to deliver and operate the well in accordance with the contract.

a) To say that the well is in accordance with the contract and that the well is in accordance with the contract.

b) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

c) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

d) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

e) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

f) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

g) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

h) To deliver and operate the well in accordance with the contract and that the well is in accordance with the contract.

RELEASED

APR 1 1992

FROM CONFIDENTIAL

SIGNED [Signature] CUSTOMER

DATE 5-1-92

TIME 1100 A.M. P.M.

FIELD OFFICE

We certify that the Labor Standards Act of 1937, as amended, has not been violated in the production of goods which were required to be placed in service under this contract.

