

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

PAGE 1 OF 1

ORIGINAL

NO. 345335-1

FORM 1806 R-11

WELL NO.-FARM OR LEASE NAME 1-15 HEIMAN		COUNTY Seward	STATE KS	CITY / OFFSHORE LOCATION	DATE 4-20-93
CHARGE TO H-40 Drilling		OWNER SLANSON ETC.	WELL TYPE (CHECK ONE) CONCRETE ☒ SALES ☐		NITROGEN JOB YES ☐ NO ☐
ADDRESS		CONTRACTOR H-40	LOCATION 1 LIBERAL, KS		CODE 025540
CITY, STATE, ZIP		SHIPPER V.L. HUGGINS	LOCATION 2 HUGGON, KS		CODE 025535
WELL TYPE 01		WELL NO. (REPEAT)	LOCATION 3		CODE
TYPE AND PURPOSE OF JOB 010		WELL NO. (REPEAT) B-171454	REFERRAL LOCATION		

As warranted by the seller, the material herein is to be used in the construction of a well, and the seller warrants that the material is of the quality and quantity specified herein, and that it is free from all defects and is fit for the purpose intended. The seller warrants that the material is of the quality and quantity specified herein, and that it is free from all defects and is fit for the purpose intended. The seller warrants that the material is of the quality and quantity specified herein, and that it is free from all defects and is fit for the purpose intended.

PRICE REFERENCE	DESCRIPTION	UNITS 1	UNITS 2	UNIT PRICE	AMOUNT
00-117	PAVEMENT	12		275	33 00
01-014	15 TONS OF ASP	1710			1105 00
00-016	20 TONS OF ASP	120			120 00
01-018	24 TONS OF ASP	195			195 00

RELEASED

APR 1 1996

FROM CONFIDENTIAL

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-

RECEIVED
STATE CORPORATION COMMISSION
MAY 24 1993

JOHN EBERSOLE
HALLIBURTON OPERATOR

CONSERVATION DIVISION
Wichita, Kansas

SUB TOTAL 7361 12
8019 12

APPLICABLE TAXES WILL BE ADDED ON INVOICE

FIELD OFFICE

HALLE

W 110 A DESIGN OF HANDBOOKS FOR

AND
NEXT CONTINUATION

FOR INVOICE AND
ORDER NO. _____

215335

ORIGINAL

DATE 4-20-93	CITY, STATE, ZIP	CITY AND FIRM Midway 1-15	COUNTY SEWARD	STATE Kansas
CHARGE TO B-40 Drilling		OWNER Clayton Exploration	CONTRACTOR B-20	NO B 171454
MAILING ADDRESS		SHIP FROM Midway, Kansas	LOCAL PURCHASER CHERRY	PREPARED BY Dr. Phillips
CITY & STATE		SHIP TO NW Liberal, Kansas	TRUCK TO	RECEIVED BY FAIRBOLT

PRICE REFERENCE	SECONDARY P.F. OR PART NO.	CODE	DESCRIPTION	UNIT 1		UNIT 2		UNIT PRICE	AMOUNT	
				QTY.	WEAL.	QTY.	WEAL.			
504-050				130	44			8.35	1,342	50
504-120				310	50			3.05	1,105	50
507-210				104	15			1.40	179	20
509-406				14	21			21.25	339	00
RELEASED										
APR 1 1996										
FROM CONFIDENTIAL										
RECEIVED STATE CORPORATION COMMISSION MAY 21 1993 OPERATION DIVISION Tulsa, Kansas										
		Remaining Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
SERVICE CHARGE - LOCAL - TERMINUS RETURNED										
500-207		2.5	SERVICE CHARGE	62.195	20	621.95			866	25
500-306		2.5	Remaining Charge	TOTAL WEIGHT	LOADED MILES	TON MILES	.85		528	67
No. B		CARRY FORWARD TO INVOICE				SUB-TOTAL		7361 12		

RELEASED

APR 1 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
MAY 21 1993
DIVISION

INVESTIGATION DIVISION
Topeka, Kansas

DIVISION OFFICE

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

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 _____

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

Our Representative TOM HORACEK

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

AND
TICKET CONTINUATION

FOR INVOICE AND
TICKET NO.

P. 3/6

545437

DATE 5-1-83	TO Seiman 1-15	CITY Seward	STATE Kansas
CHARGE TO H-40	OWNER same	CONTRACTOR 024575	NO. B 171559
MAILING ADDRESS	ADDRESS Seiman, Kansas	PREPARED BY Don Phillips	
CITY & STATE	CITY & STATE H/E Liberal, Kansas	RECEIVED BY	

UNIT	QUANTITY	UNIT PRICE	AMOUNT	TAXES	TOTAL
500-042	518.00274	8.69	1,225	29	
500-103	518.00280	.067	465	05	
500-121	518.00284			NC	
500-177	518.00286	15.50	124	00	
ORIGINAL					
500-207	251	1.25	313	75	
500-306	245	.95	245	83	
No B 171559 20,000 27 205.211 251 1.25 313 245 .95 245					

RELEASED

APR 1 1996

FROM CONFIDENTIAL

FORM 1000-1

WEST OF CANADA FINE NAME

DATE

5-1-93

CHANGE TO

OWNER

PRICE (PER GALLON)

NITROGEN JOB

PRICE ☒ SALES ☐

YES ☐ NO ☒

ADDRESS

LOCATION

1 LOCATION

CODE

1 LIGERAL

25540

2 LOCATION

CODE

2 ALBERTA

25515

3 LOCATION

CODE

REFERRAL LOCATION

DATE

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

TIME

ORIGINAL

RELEASED

APR 1 1996

FROM CONFIDENTIAL

ASPHALT

B-11457

2374 92

WAS NOT ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

WAS ANTERIOR TO 1990

SUB TOTAL

3122 92

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

FIELD OFFICE

FORM 1000

ADDRESS

DISTRICT

TO: HALLIBURTON SERVICE

ATTACH TO
INVOICE & TICKET NO.

345427

DATE

5-1-93

WELL NO.

ITEM NO.

TODAY'S NAME

FORMATION

MATERIAL TYPE

FOOTAGE

BOND

NET WEIGHT

GROSS WEIGHT

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

UNIT OF MEASURE

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL	MAX. ALLOW. PRICE
1	FORMER	EA	100	17.04	1704	
2	LINER	EA	100	28.56	2856	
3	STRETCHER	EA	100	6.43	643	
4	STRETCHER	EA	100	6.43	643	
5	STRETCHER	EA	100	6.43	643	
6	STRETCHER	EA	100	6.43	643	
7	STRETCHER	EA	100	6.43	643	
8	STRETCHER	EA	100	6.43	643	
9	STRETCHER	EA	100	6.43	643	
10	STRETCHER	EA	100	6.43	643	

ORIGINAL

CUSTOMER'S

As per your order, the following items are being furnished:

- To be delivered to the customer's premises, in accordance with the terms of the contract, the following items are being furnished: (1) 100 pieces of former, (2) 100 pieces of liner, (3) 100 pieces of stretcher, (4) 100 pieces of stretcher, (5) 100 pieces of stretcher, (6) 100 pieces of stretcher, (7) 100 pieces of stretcher, (8) 100 pieces of stretcher, (9) 100 pieces of stretcher, (10) 100 pieces of stretcher.
- To be delivered to the customer's premises, in accordance with the terms of the contract, the following items are being furnished: (1) 100 pieces of former, (2) 100 pieces of liner, (3) 100 pieces of stretcher, (4) 100 pieces of stretcher, (5) 100 pieces of stretcher, (6) 100 pieces of stretcher, (7) 100 pieces of stretcher, (8) 100 pieces of stretcher, (9) 100 pieces of stretcher, (10) 100 pieces of stretcher.

RELEASED

APR 1 1993

FROM CONFIDENTIAL

SIGNED

DATE

TIME

A.M. P.M.

FIELD OFFICE

I certify that the Halliburton Service, Inc. (HSE), on behalf of the customer, has received the goods and services described herein in the execution of goods and services provided to the customer under this contract.

THESE GOODS AND SERVICES ARE BEING FURNISHED TO THE CUSTOMER AS AGENT OF THE CUSTOMER'S AGENT.

4-11-93
CUSTOMER

WHEEL DATA

STATE

KS

TO

MAXIMUM PSI
ALLOWABLE

1704

230

2450

SHOVS/FT.

ORIGINAL

JOB COMPLETED

DATE

TIME

1904

WELL NO.

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

WELL TYPE

LOCATION

RELEASED

APR 1 1996

FROM CONFIDENTIAL

