

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

Operator: License # 31357

Name: Sensor Oil & Gas, Inc

Address P.O. Box 309

City/State/Zip McCook, NE 69001

Purchaser: N/A

Operator Contact Person: John F. Mondero

Phone (308) 345-2480

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Scott Banks

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBTB

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

9/6/94 9/12/94 9/14/94
Spud Date Date Reached TD Completion Date

API NO. 15- 071-20632-0000 ORIGINAL

County Greeley

SW - SE - NW Sec. 14 Twp. 16 Rge. 42 X ^E _W

2310 Feet from S/N (circle one) Line of Section

1650 Feet from E/W (circle one) Line of Section

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

Lease Name Schurr Well # 1-14

Field Name Sidney

Producing Formation None

Elevation: Ground 3810' KB 3819'

Total Depth 5220' PBTB _____

Amount of Surface Pipe Set and Cemented at 361 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 AD&A JF 5-17-95
(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 No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 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 Operations Manager Date 10/17/94

Subscribed and sworn to before me this 17th day of October 19 94.

Notary Public Kathleen Shaffer

Date Commission Expires 11-21-95 Kathleen Shaffer

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
COMMISSION Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		
<u>10-20-94</u>		

Form ACO-1 (7-91)

SIDE TWO

Operator Name Sensor Oil & Gas, Inc. Lease Name Schurr Well # 1-14
 Sec. 14 Twp. 16 Rge. 42 East County Greeley
 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 <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 type="checkbox"/> No (Submit Copy.) Mailed directly from Tucker Wireline List All E.Logs Run: Tucker Wireline Services: Dual Induction Dual Compensated Porosity	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datums <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Morrow</td> <td>4976'</td> <td>(-1157)</td> </tr> <tr> <td>Upper Morrow</td> <td>4996'</td> <td>(-1177)</td> </tr> <tr> <td>Lower Morrow</td> <td>5076'</td> <td>(-1257)</td> </tr> <tr> <td>Mississippi</td> <td>5154'</td> <td>(-1335)</td> </tr> </table>	Name	Top	Datum	Morrow	4976'	(-1157)	Upper Morrow	4996'	(-1177)	Lower Morrow	5076'	(-1257)	Mississippi	5154'	(-1335)
Name	Top	Datum														
Morrow	4976'	(-1157)														
Upper Morrow	4996'	(-1177)														
Lower Morrow	5076'	(-1257)														
Mississippi	5154'	(-1335)														

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"		361	60/40 poz	235	2%gel, .3%cc

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

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

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. <u>D & A</u>			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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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) _____

10-11-1981
 10-11-1981
 10-11-1981

TRILOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data API #15-071-20632-00-00

Well Name SCHURR 1-14 Test No. 1 Date 9/13/94
Company SENSOR OIL & GAS CO. Zone MORROW
Address BOX 309 - MCCOOK, NEBRASKA Elevation _____
Co. Rep./Geo. SCOTT BANKS Cont. MURFIN RIG #24 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 16S Rge. 42W Co. GREELEY State KS

Interval Tested 5077-5220 Drill Pipe Size 4.5" XH
Anchor Length 143 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5072 Drill Collar - 2.25 Ft. Run 434
Bottom Packer Depth 5077 Mud Wt. 9.2 lb/Gal.
Total Depth 5220 Viscosity 51 Filtrate 8.8

Tool Open @ 10:07 A.M. Initial Blow GOOD BLOW OFF BOTTOM IN 45 SEC-17" OF WATER DOWN TO 2" IN 30 MIN - NO GAS TO SURFACE
Final Blow OFF BOTTOM IN 6 MIN TO NO BLOW IN 53 MIN

Recovery - Total Feet 2237 Flush Tool? NO

Rec. 90 Feet of MUD WATER 55%WATER/45%MUD
Rec. 2147 Feet of WATER
Rec. _____ Feet of CIRC OUT
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 138 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.18 @ _____ °F Chlorides 30000 ppm Recovery Chlorides 8300 ppm System

(A) Initial Hydrostatic Mud 2566.7 PSI AK1 Recorder No. 11057 Range 4500
(B) First Initial Flow Pressure 459.6 PSI @ (depth) _____ w / Clock No. 25108
(C) First Final Flow Pressure 912.9 PSI AK1 Recorder No. 11058 Range 4500
(D) Initial Shut-in Pressure 1008.9 PSI @ (depth) _____ w / Clock No. 21048
(E) Second Initial Flow Pressure 992.2 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 1016.8 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 1029.1 PSI Initial Opening 30 Final Flow 60
(H) Final Hydrostatic Mud 2541.8 PSI Initial Shut-in 60 Final Shut-in 120

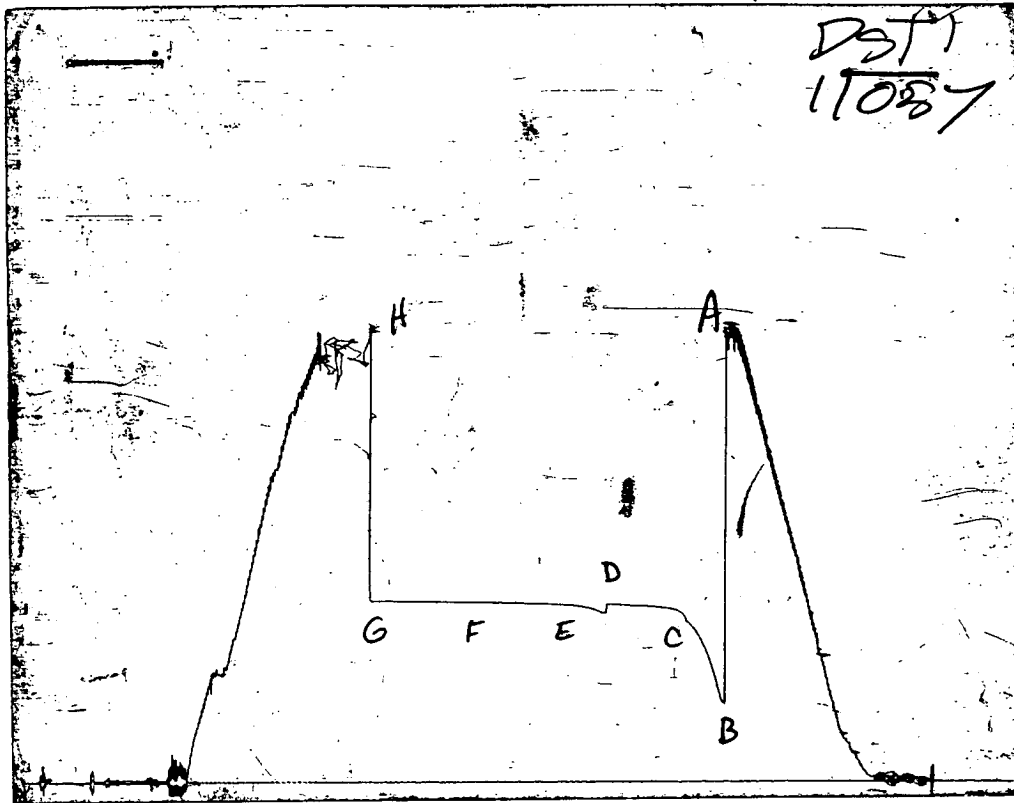
Our Representative MARK HERSKOWITZ

RECEIVED
OCT 29 1994
www.trilobite.com

07 1111

15-071-20632-00-00

DST
11087



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2535	2566.7
(B) FIRST INITIAL FLOW PRESSURE	444	459.6
(C) FIRST FINAL FLOW PRESSURE	907	912.9
(D) INITIAL CLOSED-IN PRESSURE	1008	1008.9
(E) SECOND INITIAL FLOW PRESSURE	952	992.2
(F) SECOND FINAL FLOW PRESSURE	1008	1016.8
(G) FINAL CLOSED-IN PRESSURE	1020	1029.1
(H) FINAL HYDROSTATIC MUD	2513	2541.8

RECEIVED
STATE OPERATIONS COMMISSION

OCT 20 1994

WICHITA, KANSAS

FLUID SAMPLER DATA

15-071-20632-00-00

Ticket No.: 7167

Date: 9/13/94

Company: SENSOR OIL & GAS CO.

Lease: SCHURR 1-14

Test No.: 1

County: GREELEY **Sec.:** 14 **Twp.:** 16S **Rng.:** 42W

SAMPLER RECOVERY

Gas
Oil
Mud
Water
Other 3950
Pressure 200
TOTAL 4000

PIT MUD ANALYSIS

Chlorides 8300
Resistivity 0.52 ohms@ 95 F
Viscosity 51
Mud Wt. 9.2
Filtrate 8.8
Other P.V. 15 Y.P. 13

SAMPLER ANALYSIS

Resistivity 0.15 ohms@ 92 F
Chlorides 35000 ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity 0.18 ohms@ 93 F
Chlorides 30000 ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@
Chlorides

RECEIVED
STATE OF KANSAS
GEOLOGICAL COMMISSION

OCT 9 1994

GEOLOGICAL COMMISSION
WICHITA, KANSAS

Phone 913-483-2627, Russell, KS
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-872-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 7353

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

ORIGINAL

Date	9-6-94	Sec.	14	Twp.	16S	Range	42W	Called Out		On Location	8:30 PM	Job Start	1:00 PM	Finish	10:30 AM
Lease	SCHUNN	Well No.	#1-14	Location	TRIBUNE 14N-10W-40			County	GREELEY	State	KS				
Contractor	MURFIN #27											Owner	SAME		
Type Job	SURFACE														
Hole Size	12 1/4"		T.D.	361'											
Csg.	8 5/8		Depth	361'											
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.	15'		Shoe Joint	15'											
Press Max.															
Meas Line	Displace <input checked="" type="checkbox"/> 22 OBL														
Perf.															

To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To: SENSOR OIL & GAS
Street: P.O. Box 309
City: McCook State: Neb. 69001
The above was done to satisfaction and supervision of owner/agent or contractor.

Purchase Order No. *Louise McKenna*
CEMENT

Amount Ordered: 235 SKS 60/40 38 cc 28 6EL

Consisting of			
Common	141	SKS @ 6.85	965.55
Poz. Mix	94	SKS @ 3.00	282.00
Gel.	4	SKS @ 9.00	36.00
Chloride	8	SKS @ 25.00	200.00
Quickset			

Handling	1.00 per SK	235.00
Mileage	4¢ per SKs/mile 79 miles	742.60
Sales Tax		
Sub Total		2,461.45
Total		

EQUIPMENT

Pumptrk	No.	Cementer	TERRY
	300	Helper	WAYNE
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	R. G.
	218	Driver	

DEPTH of Job		
Reference:	Pump Truck	430.00
	8 5/8 SURFACE plus 6	42.00
	2.25 PER MEAL	23.79
	39¢ PER FT @ 300'	117.75
	Sub Total	673.54
	Tax	
	Total	673.54

Remarks: CEMENT AND CIRC.

Floating Equipment

THANK YOU OCT 20 1994

CONCRETE MICHIGAN