

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

ORIGINAL

API NO. 15- 135-23745-00-00  
County Ness  
SE - SW SW Sec. 6 Twp. 16 Rge. 24 <sup>E</sup>/<sub>W</sub>

Operator: License # 04782  
Name: Ensign Operating Co.  
Address 621 17th St.  
Suite 1800  
City/State/Zip Denver, CO 80293

330 Feet from S (circle one) Line of Section  
990 Feet from E (circle one) Line of Section

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

Purchaser: N/A

Lease Name McNinch Well # 1-6

Operator Contact Person: J. C. Simmons

Well Name Wildcat

Phone ( 303 ) 293-9999

Producing Formation N/A

Contractor: Name: Duke Drilling Co., Inc.

Elevation: Ground 2480 KB 2489

License: 5929

Total Depth 4486 PBDT \_\_\_\_\_

Wellsite Geologist: Duane Moredock

Amount of Surface Pipe Set and Cemented at 238 Feet

Designate Type of Completion  
 New Well  Re-Entry  Workover

Multiple Stage Cementing Collar Used?  Yes  No

Oil  SVD  S10W  Temp. App.   Gas  ENHR  SIGW  Dry  Other (Core, WSW, Expl., Seismic, etc.)

If yes, show depth set \_\_\_\_\_ Feet

If Alternate, II completion, cement circulated from \_\_\_\_\_

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  PBDT \_\_\_\_\_  
Commingled  Docket No. \_\_\_\_\_  
Dual Completion  Docket No. \_\_\_\_\_  
Other (SWD or Inj?)  Docket No. \_\_\_\_\_

6/9/93 6/15/93 D&A 6/17/93  
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan DDA 7-19-93  
(Data must be collected from the Reserve Pit)

Drilling Fluid Management Plan DDA 7-19-93  
(Data must be collected from the Reserve Pit)

Slurries content 3000 ppm Fluid volume 4350 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name RELEASED

Lease Name SEP 8 1994 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, 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 Conn Smith  
Engineering Tech. Date 7/8/93  
Subscribed and sworn to before me this 8th day of July  
19 93  
Notary Public Pamela J. Campbell  
Date Commission Expires 9/30/94

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name Ensign Operating Co. Lease Name McNinch Well # 1-6

Sec. 6 Twp. 16 Rge. 24  
 East  
 West

County \_\_\_\_\_

**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  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:

See attached

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

See attached

**CASING RECORD**

New  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#	238'	60/40 Poz CT A/Poz A	150	2% Gel 3% cc

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth

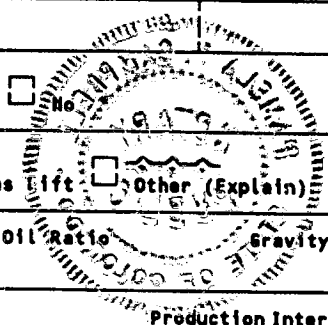
**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. D&A 6/17/93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours OK 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) \_\_\_\_\_



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

CONFIDENTIAL

API NO. 15- 135-23745 **COPY**  
County Ness

SE . SW - SW - Sec. 6 Twp. 16 Rge. 24 <sup>E</sup> <sub>W</sub>

330 Feet from S (circle one) Line of Section  
990 Feet from E (circle one) Line of Section

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NE, SE, NW or S (circle one)

Lease Name McNinch Well # 1-6

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2480 KB 2489

Total Depth 4486 PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 238 Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

Foot depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan D&A 7-19-93  
(Data must be collected from the Reserve Pit)

Operator: License # 04782

Name: Ensign Operating Co.

Address 621 17th St.

Suite 1800

City/State/Zip Denver, CO 80293

Purchaser: N/A

Operator Contact Person: J. C. Simmons

Phone ( 303 ) 293-9999

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Duane Moredock

Designate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

Oil \_\_\_\_\_ SWD \_\_\_\_\_ S10W \_\_\_\_\_ Temp. Abn.  
Gas \_\_\_\_\_ ENHR \_\_\_\_\_ S16W \_\_\_\_\_  
X Dry \_\_\_\_\_ Other (Core, WSW, Expl., etc.) \_\_\_\_\_

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 \_\_\_\_\_ PBDT \_\_\_\_\_  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

6/9/93 6/15/93 D&A 6/17/93  
Spud Date Date Reached TD Completion Date

Chloride content 3000 ppm Fluid volume 4350 bbls

Deaerating method used Evaporation

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, 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 Conn Smith  
Title Sr. Engineering Tech. Date 7/8/93

Subscribed and sworn to before me this 8th day of July 19 93.

Notary Public [Signature]

Date Commission Expires 9/30/94

K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
Distribution  
✓ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)

KCC

ORIGINAL

JUL 8

CONFIDENTIAL

DAILY DRILLING REPORT  
TIGHT HOLE STATUS

**McNINCH #1-6**

Ensign Operating Co.  
SESWSW-6-16S-24W  
Ness County, KS  
4600' Mississippian Oil Well

DHC: \$61,000/AFE: \$145,000  
API#: 15-135-23,745  
PROSPECT: McNinch East  
(Brown)  
WI: .50

06/15/93 (Con't)

**SAMPLE TOPS:**

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEV</u>
Heebner	3813	-1324
Toronto	3830	-1341
Lansing	3851	-1362
Bonner Spgs	3923	-1434
Base KS City	4173	-1684
Pawnee	4262	-1773
Labette Shale	4345	-1856
Fort Scott	4350	-1861
Cherokee	4369	-1980
Cherokee B Sd	4405	-1916
Mississippian	4436	-1947

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STATE CORPORATION COMMISSION

JUL 12 1993

CONSERVATION DIVISION  
Wichita, Kansas

Upper Mississippian - cut 5' wht vy finely crystalline dolomite, no show. Will drl ahd & circ another 5'.

6/16/93

Operations at 7:00 a.m.: RTD 4,486', RU ELI Wireline Service, Inc. to log - DST #1 4436-4486', misrun, pkr failed. DST #2 4468-4486', TIMES IF 30", ISI 60", FF 30", FSI 60". Recovered 63' fluid, 1' oil, 62' thin watery mud. Pressures IHP 2261, IFP 7-30, ISIP 1085, FFP 37-44, FSIP 945, FHP 2245, oil 39 gty API @ 68.

Work done on 6/15/93 (Day 7): Drld 56'/3-1/4 hrs drlg. PP: 950 psig, RPM: 80, WOB: 35,000 lbs. Bit #3: 7-7/8" Walker Mac, 3-14/32", 2,564'/88-1/2 hrs. MW: 9.4 ppg, Vis: 45, WL: 10.8 cc, PM: 11, Cl: 5000 ppm, WC: 1/32", Survey: 1/4" @ 4,486'.

Cond hole @ 4,486' f/DST #1, TOH to PU tst tools, DST #1 from 4,436' to 4,486', misran due to pkr failure. Ran DST #2 from 4,468' to 4,486'. RU to run on logs following DST #2.

DMC: \$97, CMC: \$2537, DC \$9105, CC: \$42,560

RELEASED

SEP 6 1994

KCC

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

JUL 8

CONFIDENTIAL

## Drill-Stem Test Data

Well Name 1-6 McNinch Test No. 1 Date 6/15/93  
 Company ENSIGN OPERATING COMPANY Zone MISSISSIPPI  
 Address 621 17th ST #1800 DENVER CO 80293 Elevation 2489  
 Co. Rep./Geo. DUANE MOREDOCK Cont. DUKE #4 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 6 Twp. 16S Rge. 24W Co. NESS State KS

Interval Tested	<u>4436-4486</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>50</u>	Wt. Pipe I.D. - 2.7 Ft. Run	<u>161</u>
Top Packer Depth	<u>4431</u>	Drill Collar - 2.25 Ft. Run	_____
Bottom Packer Depth	<u>4436</u>	Mud Wt.	<u>9.4</u> lb/Gal.
Total Depth	<u>4486</u>	Viscosity	<u>49</u> Filtrate <u>12</u>

Tool Open @ 9:49 PM Initial Blow PACKER FAILURE -- TRIED TO SET AGAIN -- NO HELP  
 Final Blow \_\_\_\_\_

Recovery - Total Feet 520 Flush Tool? NO

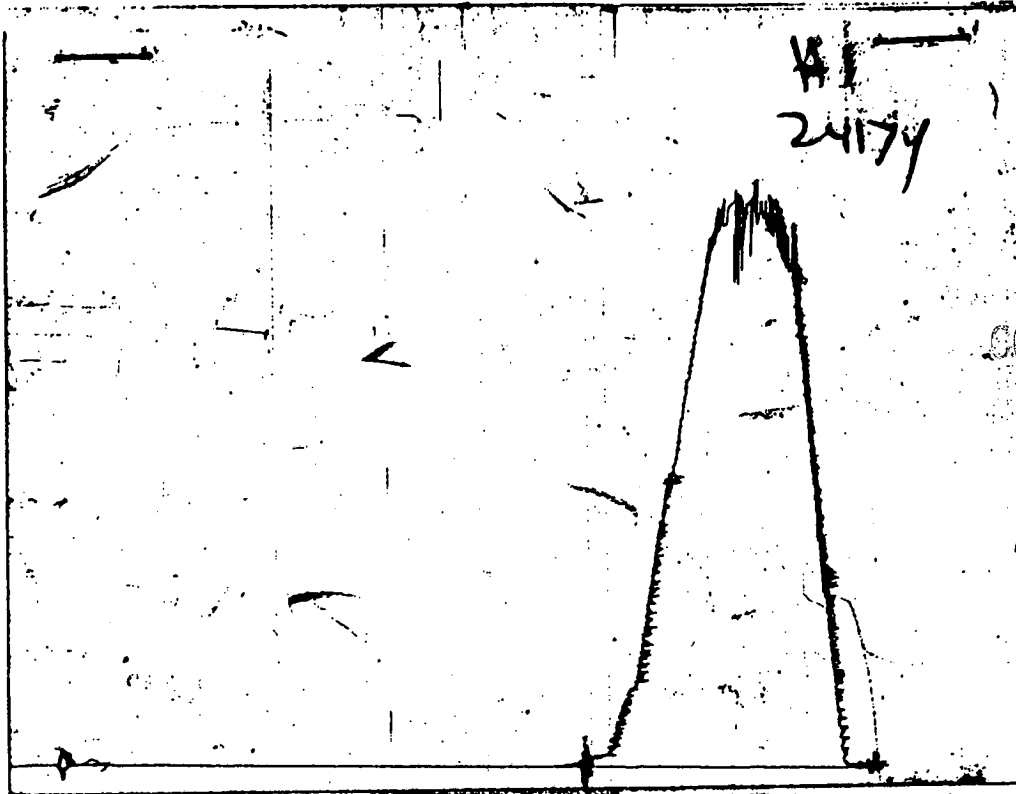
Rec. <u>520</u>	Feet of	<u>MUD</u>
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud	_____ PSI	AK1 Recorder No. <u>22150</u>	Range <u>3925</u>
(B) First Initial Flow Pressure	_____ PSI	• (depth) <u>4440</u>	w / Clock No. <u>31154</u>
(C) First Final Flow Pressure	_____ PSI	AK1 Recorder No. <u>24174</u>	Range <u>3050</u>
(D) Initial Shut-in Pressure	_____ PSI	• (depth) <u>4482</u>	w / Clock No. <u>25814</u>
(E) Second Initial Flow Pressure	_____ PSI	RELEASED AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure	_____ PSI	SEP 1994 • (depth) _____	w / Clock No. _____
(G) Final Shut-in Pressure	_____ PSI	FROM CONFIDENTIAL Initial Opening _____	Final Flow _____
(H) Final Hydrostatic Mud	_____ PSI	Initial Shut-in _____	Final Shut-in _____

Our Representative PAUL SIMPSON

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 12 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas



KCC  
 JUL 8  
 CONFIDENTIAL

This is an actual photograph of recorder chart

FIELD  
READING

OFFICE  
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

RECEIVED  
 STATE CORPORATION COMMISSION

JUL 12 1993

CONSERVATION DIVISION  
 Wichita, Kansas

RELEASED

SEP 6 1994

FROM CONFIDENTIAL

KCC

JUL 8

CONFIDENTIAL

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

## Drill-Stem Test Data

Well Name 1-6 McNinch Test No. 2 Date 6/16/93  
 Company ENSIGN OPERATING COMPANY Zone MISSISSIPPI  
 Address 621 17th ST #1800 DENVER CO 80293 Elevation 2489  
 Co. Rep./Geo. DUANE MOREDOCK Cont. DUKE #4  
 Location: Sec. 6 Twp. 16S Rge. 24W Est. Ft. of Pay \_\_\_\_\_  
 Co. NESS State KS

Interval Tested 4468-4486  
 Anchor Length 18  
 Top Packer Depth 4463  
 Bottom Packer Depth 4468  
 Total Depth 4486

Drill Pipe Size 4.5" XH  
 Wt. Pipe I.D. - 2.7 Ft. Run 161  
 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
 Mud Wt. 9.4 lb/Gal.  
 Viscosity 49 Filtrate 12

Tool Open  1:10 AM Initial Blow WEAK 1/2" BLOW BUILDING TO 1 1/4"

Final Blow NO BLOW

Recovery - Total Feet 63

Flush Tool? NO

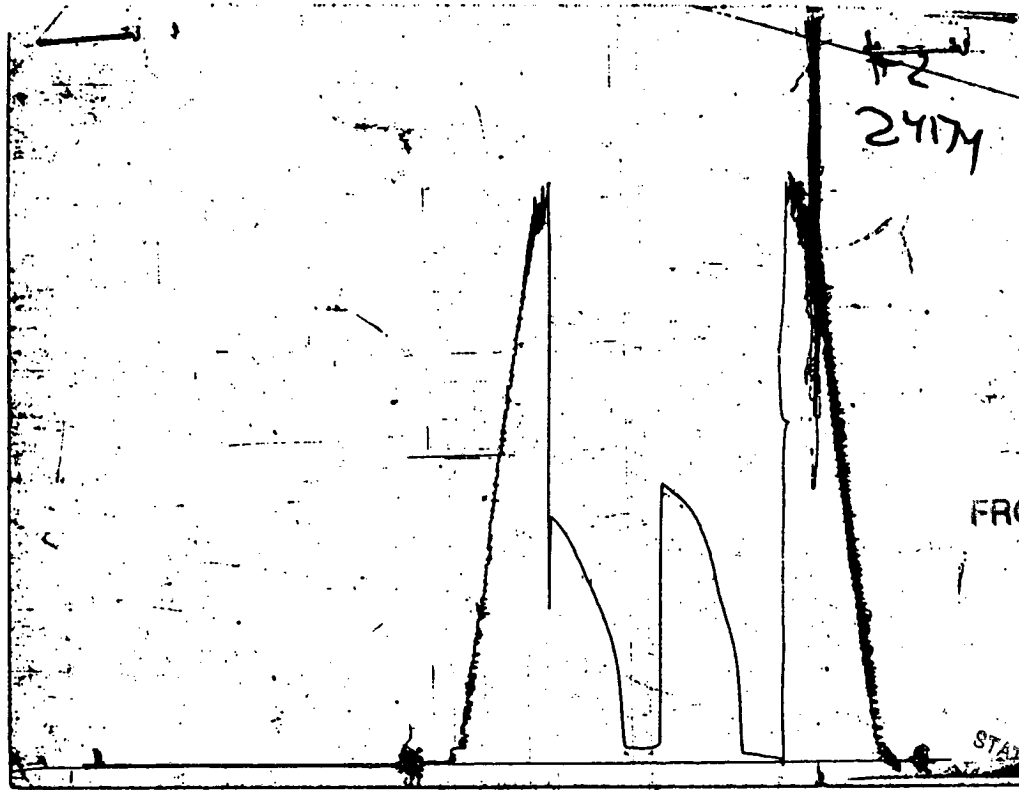
Rec. 1 Feet of OIL  
 Rec. 62 Feet of THIN WATERY MUD  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 120 °F Gravity 39 °API  
 RW 0.35 °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 7600 ppm System  
 Corrected Gravity 80 °F Corrected Gravity 37 °API

(A) Initial Hydrostatic Mud 2269.5 PSI AK1 Recorder No. 22150 Range 3925  
 (B) First Initial Flow Pressure 16.5 PSI (depth) 4471 w / Clock No. 31154  
 (C) First Final Flow Pressure 36.4 PSI AK1 Recorder No. 24174 Range 3050  
 (D) Initial Shut-in Pressure 1098.4 PSI (depth) 4482 w / Clock No. 25814  
 (E) Second Initial Flow Pressure 45.9 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure 59.4 PSI (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_  
 (G) Final Shut-in Pressure 936.2 PSI Initial Opening 60 Final Flow 30  
 (H) Final Hydrostatic Mud 2255.6 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative PAUL SIMPSON

RELEASED  
 SEP 6 1994  
 FROM CONFIDENTIAL  
 CONSERVATION DIVISION  
 Wichita, Kansas



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JUL 8

CONFIDENTIAL

RELEASED

SEP 6 1994

FROM CONFIDENTIAL

STATE CORPORATION COMMISSION  
RECEIVED

JUL 12 1993

CONSERVATION DIVISION  
Wichita, Kansas

This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2261	2269.5
(B) FIRST INITIAL FLOW PRESSURE	7	16.5
(C) FIRST FINAL FLOW PRESSURE	30	36.4
(D) INITIAL CLOSED-IN PRESSURE	1085	1098.4
(E) SECOND INITIAL FLOW PRESSURE	37	45.9
(F) SECOND FINAL FLOW PRESSURE	44	59.4
(G) FINAL CLOSED-IN PRESSURE	949	936.2
(H) FINAL HYDROSTATIC MUD	2245	2255.6



FLUID SAMPLER DATA

ORIGINAL

KCC

JUL 6

CONFIDENTIAL

Ticket No.: 6009

Date: 6/16/93

Company: ENSIGN OPERATING COMPANY

Lease: 1-6 McNINCH

Test No.: 2

County: NESS

Sec.: 6

Twp.: 16S

Rng.: 24W

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas

Oil 50

Mud 2300

Water 1650

Other

Pressure 50

TOTAL 4000

Chlorides 7600

Resistivity 0.7 ohm-c 80 F

Viscosity 49

Mud Wt. 9.4

Filtrate 12

Other

RELEASED  
SEP 6 1994  
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STATE CORPORATIONS COMMISSION

JUL 12 1993

CONSERVATION DIVISION  
Wichita, Kansas

SAMPLER ANALYSIS

PIPE RECOVERY

Resistivity 0.35 ohm-c 68 F

Chlorides 20000 ppm.

Gravity 37 corrected @60F

TOP

Resistivity ohm-c F

Chlorides ppm

MIDDLE

Resistivity ohm-c F

Chlorides ppm

BOTTOM

Resistivity ohm-c F

Chlorides ppm

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

CONFIDENTIAL

ORIGINAL

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

# ALLIED CEMENTING CO., INC.

1210

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	6-9-93	Sec.	6	Twp.	16S	Range	24W	Called Out	11 AM	On Location	1:30	Job Start	3:45	Finish	4:05	
Lease	M <sup>c</sup> Ninch	Well No.	1-6	Location	Arnold 1E 3N E side			County	Ness	State	Kr					
Contractor	Duke 4															
Type Job	Surface															
Hole Size	12 1/4	T.D.	240													
Csg.	8 5/8"	24"	Depth	238												
Tbg. Size															Depth	
Drill Pipe															Depth	
Tool															Depth	
Cement Left in Csg.	15	Shoe Joint														
Press Max.															Minimum	
Meas Line															Displace	17.18 bbl.
Perf.																

Owner Same  
 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.

Charge To Ensign Operating Co.  
 Street  
 City State  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 x Rich Wheeler  
**CEMENT**

Amount Ordered 150 69/40 2% Gel 3% CC

Consisting of  
 Common  
 Poz. Mix  
 Gel.  
 Chloride  
 Quicksat

Handling  
 Mileage  
 Sales Tax

RELEASED  
 SEP 6 1994  
 Sub Total  
 Total

Floating Equipment RECEIVED  
 FROM CONFIDENTIAL COMMISSION

JUL 12 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas

## EQUIPMENT

No.	Cementer	Gary
Pumptrk 224	Helper	Keith
No.	Cementer	
Pumptrk	Helper	
	Driver	Bill
Bulktrk 69	Driver	

## DEPTH of Job

Reference:	Pump Truck	
	Mileage	
	8 5/8" TWP	
	Sub Total	
	Tax	
	Total	

Remarks: Cement circulated  
 Thank you  
 Don L. Head

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

JUL 16  
 CONFIDENTIAL ORIGINAL

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

# ALLIED CEMENTING CO., INC. 4113

Home Office P. O. Box 31  
 Russell, Kansas 67665

Date	6-16-93	Sec.	6	Fwp.	16	Range	24	Called Out	8:00 PM	On Location	11:00 PM	Job Start	11:45 AM	Finish	2:30 AM
Lease	McNinch	Well No.	#1-6	Location	Arnold 15 3N 4E			County	Ness	State	Kansas				
Contractor	Duke Dnlg			Rig 4			Owner SAME								
Type Job	P149														
Hole Size	7 7/8"			T.D.	4486'										
Csg.	8 3/4"			Depth	238'										
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.															
Press Max.															
Meas Line															
Perf.															

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.

Charge To **ENSIGN OPERATING CO**  
 Street  
 City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X **Rich Wheeler**  
**CEMENT**  
 Amount Ordered **225 SKS 60/40 POZ 6706 1/4 Fl. Sec**

### EQUIPMENT

#279 No.	Cementer	M KAUFMAN DEAN R.
Pumptrk	Helper	
No.	Cementer	
Pumptrk	Helper	
#218	Driver	MIKE S.
Bulktrk	Driver	

Consisting of

Common	
Poz. Mix	RELEASED
Gel.	
Chloride	SEP 6 1994
Quickset	

FROM CONFIDENTIAL  
 RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 12 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas  
 Sub Total  
 Total

DEPTH of Job

Reference:	#	PUMP TRK 1-938 P149
Sub Total		
Tax		
Total		

Remarks:

- 50 SKS @ 1950'
- 50 SKS @ 1150'
- 50 SAS @ 600'
- 50 SKS @ 275'
- 10 SKS @ 40'
- 15 SKS IN RAT Hole

Handling  
 Mileage  
 Floating Equipment

*Thompson*