

ORIGINAL

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

Operator: License # 31227

Name: Zinn Petroleum Company

Address 1200 Smith, Suite 2910

City/State/Zip Houston, TX 77002

Purchaser: N/A

Operator Contact Person: Clendon B. Caire

Phone (713) 655-9521

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Randy Say

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9/15/94 9/22/94 9/23/94
Spud Date Date Reached TD Completion Date

API NO. 13- 071-20633-100

County Greeley

W/2 NW NW Sec. 1 Twp. 16S Rge. 42 E W

330 Feet from S (circle one) Line of Section

100 Feet from E (circle one) Line of Section

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

Lease Name Wimberly (unit) Well # 2

Field Name unknown

Producing Formation None

Elevation: Ground 3791 KB 3800'

Total Depth 5225' PBSD _____

Amount of Surface Pipe Set and Cemented at 363 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 cnt.

Drilling Fluid Management Plan D&A 994 10-6-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name _____

Lease Name JUL 1 5 1996 License No. _____

Quarter Sec FROM 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.

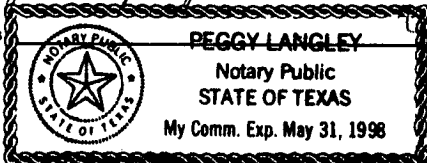
Signature Clendon B. Caire

Title P.E. Date 10-21-94

Subscribed and sworn to before me this 21st day of October 19 94.

Notary Public Peggy Langley

Date Commission Expires _____



CONSERVATION DIVISION
WICHITA, KANSAS

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
G	<input checked="" type="checkbox"/>	Geologist Report Received
DISTRIBUTION		
KCC	<input checked="" type="checkbox"/>	SWD/Rep
KGS	<input checked="" type="checkbox"/>	Plug
	<input type="checkbox"/>	NGPA
	<input type="checkbox"/>	Other (Specify)

SIDE TWO

Operator Name Zinn Petroleum Company

Lease Name Wimberly (Unit)

Well # 2

Sec. 1 Twp. 16S Rge. 42 East West

County Greeley

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.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Shale	255'	
Lansing Kansas City	4154'	(-354')
Marmaton	4466'	(-666')
Cherokee	4690'	(-890')
Atoka	4838'	(-1038')

List All E.Logs Run: Micro Log
 Comp. SSD Comp. Neutron Log
 B.H.C. Sonic Log
 Dual Induction Log

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 1/2	8-5/8		363	60/40 poz	225	2% gel, 3%cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A 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.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

CONFIDENTIAL

Well Name WIMBERLY UNIT #2 Test No. 1 Date 9/22/94
 Company ZINN PETROLEUM Zone MORROW V5 SD
 Address 1200 SMITH STE.2910 HOUSTON, TX. 77002 Elevation _____
 Rep./Geo. RANDY SAY Cont. MURFIN RIG #24 Est. Ft. of Pay _____
 Location: Sec. 1 Twp. 16S Rge. 42W Co. GREELEY State KS
API# 15-071-20633-00-01

Interval Tested 4970-5102 Drill Pipe Size 4.5" XH
 Anchor Length 132 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4963-4970 Drill Collar - 2.25 Ft. Run _____
 Bottom Packer Depth 5102 Mud Wt. _____ 9.3 lb/Gal.
 Total Depth 5225 Viscosity 50 Filtrate 10.4

Well Open @ 8:35 P.M. Initial Blow WEAK BLOW BUILT TO 1"
 Final Blow NO RETURN BLOW

Recovery - Total Feet 30 Flush Tool? NO
 30 Feet of DRILLING MUD
 _____ Feet of _____
 _____ Feet of _____
 _____ Feet of _____
 _____ Feet of _____

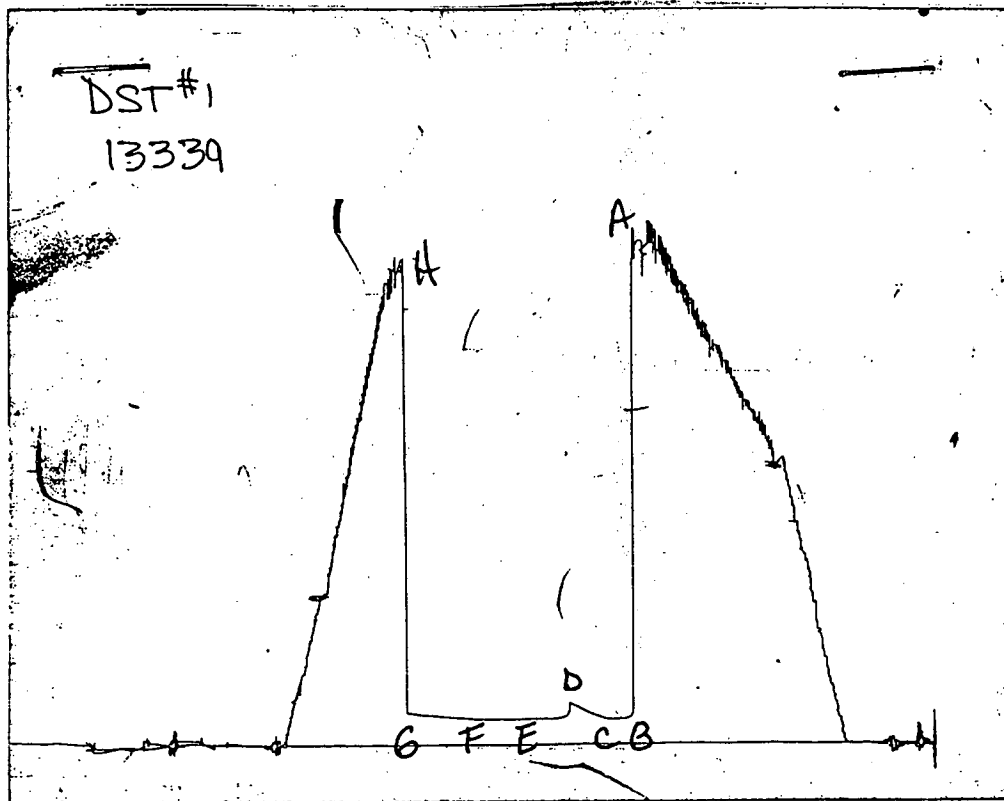
RELEASED
JUL 15 1996
FROM CONFIDENTIAL

Temp 123 °F Gravity 80 °API @ _____ °F Corrected Gravity _____ °API
 Viscosity 1.2 @ _____ °F Chlorides 5000 ppm Recovery Chlorides 5000 ppm System

(I) Initial Hydrostatic Mud 2651.4 PSI AK1 Recorder No. 13276 Range 4000
 (J) First Initial Flow Pressure 135.1 PSI @ (depth) 5080 w / Clock No. 17640
 (K) First Final Flow Pressure 135.1 PSI AK1 Recorder No. 13339 Range 4025
 (L) Initial Shut-in Pressure 222.4 PSI @ (depth) 5085 w / Clock No. 23934
 (M) Second Initial Flow Pressure 135.1 PSI AK1 Recorder No. 13309 Range 4700
 (N) Second Final Flow Pressure 135.1 PSI @ (depth) 5220 w / Clock No. 23832
 (O) Final Shut-in Pressure 170.4 PSI Initial Opening 15 Final Flow 60
 (H) Final Hydrostatic Mud 2500.7 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative ROD STEINBRINK

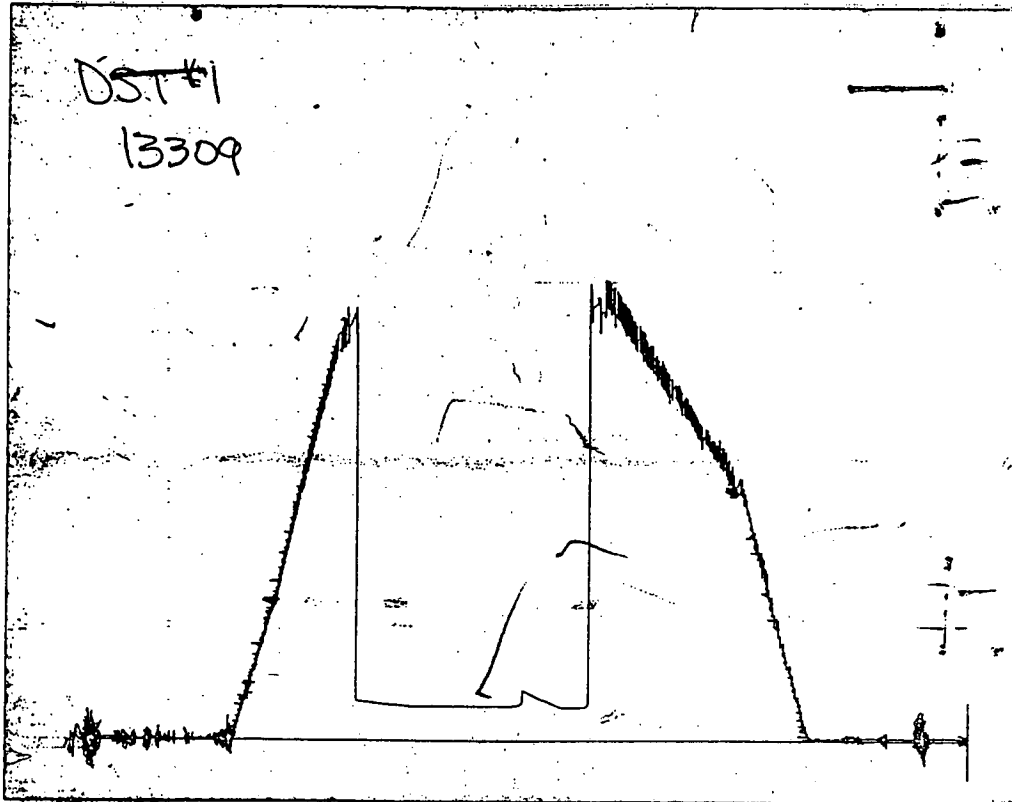
CHART PAGE



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2523	2651.4
(B) FIRST INITIAL FLOW PRESSURE	114	135.1
(C) FIRST FINAL FLOW PRESSURE	114	135.1
(D) INITIAL CLOSED-IN PRESSURE	207	222.4
(E) SECOND INITIAL FLOW PRESSURE	124	135.1
(F) SECOND FINAL FLOW PRESSURE	124	135.1
(G) FINAL CLOSED-IN PRESSURE	166	170.4
(H) FINAL HYDROSTATIC MUD	2463	2500.7

CHART PAGE

15-071-20833-00-00



- (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

FLUID SAMPLER DATA

Ticket No.: 7477

Date: 9/22/94

Company: ZINN PETROLEUM

Lease: WIMBERLY UNIT #2

Test No.: 1

County: GREELEY

Sec.: 1

Twp.: 16S

Rng.: 42W

SAMPLER RECOVERY

Gas
Oil
Mud 4000
Water
Other
Pressure 20#
TOTAL 4000

PIT MUD ANALYSIS

Chlorides 5000
Resistivity 1.2 ohms@ 80 F
Viscosity 50
Mud Wt. 9.3
Filtrate 10.4
Other LCM 2#BBL

SAMPLER ANALYSIS

Resistivity 1.2 ohms@ 80 F
Chlorides 5000 ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity 1.2 ohms@ 80 F
Chlorides 5000 ppm

27, Russell, KS
3-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

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

ALLIED CEMENTING CO., INC. 0007357

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

NEW

Date	4-15-94	Sec.	1	Twp.	16S	Range	42W	Called Out	6:30 PM	On Location	7:45 PM	Job Start	2:00 PM	Finish
Lessee	WIMBERLY	Well No.	2	Location	SHARON SPRING 155-1014			County	GREELEY		State	KS		

Contractor	MURFEN DRILL RIG # 24	Owner	ZENN PETROLEUM
Type Job	SURFACE	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	12 1/4	I.D.	363
Csg.	8 5/8	Depth	362
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	15'
Press Max.		Minimum	
Meas Line		Displace	22 bbl
Perf.			

Charge To	MURFEN DRILL
Street	250 N Water Suite 300
City	Wichita State Kansas
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Lease M. K. Case
CEMENT	
Amount Ordered	225 SK 60/100 PACC 29 bbl

EQUIPMENT

Pumptrk	No. 300	Cemenser	TERAY
		Helper	WAYNE
Pumptrk	No.	Cemenser	
		Helper	
		Driver	ZENN
Bulktrk	218		
Bulktrk		Driver	

Consisting of	
Common	135 @ 6 ⁰⁰ = 824.75
Poz. Mix	100 @ 3 ⁰⁰ = 300.00
Gel.	1 @ 36 ⁰⁰ = 36.00
Chloride	7 @ 25.00 = 175.00
Quickset	
Sales Tax	
Handling	0.15 = 0.15
Mileage	11 / 500 / 11 @ 73 = 657.00
Sub Total	
2297.75	
Total	

DEPTH of Job

Reference:	PUMP TRUCK	430 ⁰⁰
	8 5/8 SURFACE Plug	43 ⁰⁰
	2.25 PER ME 1873	164.25
	34.44	
	Sub Total	637.25
	Tax	
	Total	

Floating Equipment	
RELEASED	
JUL 15 1996	
FROM CONFIDENTIAL	

Remarks:

CEMENT DID CIRC.

Phone 313-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 7363

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL

ORIGINAL 398

NEW

Date	9-23-94	Sec.	1	Twp.	165	Range	42W	Called Out	5:00 AM	On Location	7:35 AM	Job Start	8:00 AM	Finish	10:30 AM
Lease	WUMBERLY	Well No.	2	Location	SHANN SPRING'S 165-10-W			County	WALLACE	State	KS				

Contractor	MURFIN DRILLING
Type Job	PTA
Hole Size	7 7/8
Csg.	I.D. 5228'
Tbg. Size	Depth
Drill Pipe	4 1/2
Tool	Depth 2750'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

EQUIPMENT

No.	Cementer	TERRY
Pumptrk 300	Helper	JASON
No.	Cementer	
Pumptrk	Helper	
Bulktrk 218	Driver	A. G.
Bulktrk	Driver	

DEPTH of Job

Reference:	Pump TRUCK	525.00
	8 5/8 INY Hole PLUG	21.00
	2.25 PER MEAL	177.75
	Sub Total	
	Tax	
	Total	723.75

Remarks: 50 SKS AT 2750'
 80 SKS AT 1950'
 50 SKS AT 900'
 50 SKS AT 393'
 10 SKS AT 40'
 15 SKS RAT HOLE 10 SKS MOUSE HOLE

Owner	CAHIE
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	ZINN Petroleum Co.
Street	1200 SMITH, SUITE 2910
City	Houston TX 77002-4501
The above was done to satisfaction and supervision of owner agent or contractor.	

Purchase Order No.
 X Bill McKenna

CEMENT

Amount Ordered	265 SKS 60/40/62 67% GEL 1/4 H ₂ O SEAL
Consisting of	
Common	159 SKS @ 6.85 = 1089.15
Poz. Mix	106 SKS @ 3.00 = 318.00
Gel.	14 SKS @ 9.00 = 126.00
Chloride	8 SKS @ 25.00 = 200.00
Quickset	
Fla-Seal	66# @ 1.10 = 72.60

Handling	1.00 per SK	265.00
Mileage	4¢ per SK mile	837.40
	79 mile	
	Sub Total	2708.15
	Total	

Floating Equipment
 JUL 15 1996
 FROM CONFIDENTIAL
 THANK YOU
 STATE CORPORATION COMMISSION
 NOV 04 1994