

SIDE ONE

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

Operator: License # 5252

Name: R P NIXON OPERATIONS INC

Address 207 W 12TH

City/State/Zip HAYS KS 67601

Purchaser: NA

Operator Contact Person: DAN A NIXON

Phone (913) 628-3834

Contractor: Name: SHIELDS DRILLING CO INC

License: 5655

Wellsite Geologist: DAN A NIXON

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abs.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

8-8-89 8-15-89 8-16-89
Spud Date Date Reached TD Completion Date

API NO. 15- 051-24,605

County ELLIS

SE NW NE Sec. 9 Twp. 12 Rge. 17 East West

4290 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

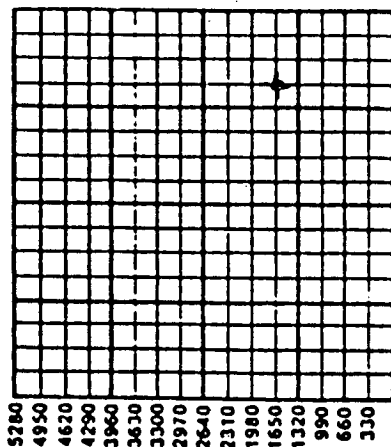
Lease Name DREILING Well # 1

Field Name UNKNOWN

Producing Formation NA

Elevation: Ground 2117 KB 2122

Total Depth 3646 PBTD N.A.



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
N
A 15 II Duo

Amount of Surface Pipe Set and Cemented at 206' 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.

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OBSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 PRESIDENT Date 8-21-89

Subscribed and sworn to before me this 21 day of AUGUST, 19 89.

Notary Public [Signature]

Date Commission Expires 6-19-92 Lorna M Herrman

LORNA M. HERRMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 6-19-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
DO 4

PI X

SIDE TWO

Operator Name R P NIXON OPERATIONS INC

Lease Name DREILING

Well # 1

Sec. 9 Twp. 12 Rge. 17
 East
 West

County ELLIS

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.)

Formation Description

Log Sample

Name Top Bottom

SEE ATTACHED GEOLOGICAL REPORT

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	20#	206	POZMIX	140	3%cc 2% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	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 Production 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 Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval

HAMPER M AND
OIL FIELD PUBLIC
RECORDS SECTION
STATE OF TEXAS

Dan A. Nixon

GEOLOGICAL REPORT

CERTIFIED PETROLEUM GEOLOGIST NO. 3179

WELL #1 LOCATION SE NW NE of Section 9, T12S-R17W, Ellis County, Kansas LEASE Dreiling

Operator: R.P. Nixon Operations, Inc.
207 W 12th Street
Hays, Kansas 67601

Contractor: Shields Drilling Co.
Box 709
Russell, Ks. 67665

Elevation: American Elevations
Ground level: 2117'
Rotary bushing: 2122'

Samples: Ten foot samples from 3100' to
3300' and five foot samples
from 3300' to 3646' RTD.

Time Log: One foot intervals from 3000'
to 3646' RTD. A copy of the
time log is included in this
report.

Surf. Casing: 8 5/8" @ 206' w/140 sx
Prod. Casing: D & A
Port Collar or DV: none
Spud Date: 8-8-89
Comp. Date: 8-16-89

API #: 15-051-24,605
Lease #: 1901/1

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CONSERVATION DIVISION
Wichita, Kansas

15-051-24605-00-00

<u>FORMATION TOPS:</u>	<u>SAMPLE DEPTH</u>	<u>LOG DEPTH</u>	<u>MINUS DATUM</u>
Anhydrite top (driller's)	1333'	1336'	+786
Anhydrite base "	1378'	1372'	+750
Topeka	3072'	3071'	-949
Heebner Shale	3304'	3304'	-1182
Toronto Lime	3327'	3327'	-1205
Lansing	3354'	3353'	-1231
Base of the Kansas City	3585'	3584'	-1460
Arbuckle	3616'	3617'	-1495
Total Depth	3646'	3642'	-1520

SAMPLE ANALYSIS OF ZONES OF INTEREST: (corrected to the electric log)

Topeka	3257'-3263'	White, oolitic, chalky lime, good oolitic porosity, dark spotty stain, trace of saturated stain. Calculated wet on log. Not worthy of testing.
Lansing	3366'-3368'	Tight, white, fossiliferous lime, rare spotty stain. Very slight show of free oil and odor in wet sample. Calculated 8% porosity, 56% water. Not worthy of testing.
	3425'-3427'	Buff, dense, fossiliferous lime, tight, with spotty light stain and slight show of free oil and odor in wet sample. Calculated wet on log. Not worthy of testing.
	3436'-3438'	Lime as above, not worthy of testing.
	3443'-3446'	White, oolitic lime, good oolitic porosity, rare spotty stain with trace of spotty stain. Had show of free oil and faint odor. Calculated 10-14% porosity, 29% water. Not worthy of testing.
	3518'-3520'	Tight, cherty, buff lime, rare to spotty light stain. Very slight show of free oil, no odor. Calculated 7.5% porosity, 30% water. Not worthy of testing.
	3536'-3538'	Dense, buff lime, poor pinpoint porosity, trace of spotty to saturated stain. Wet sample had very slight show of free oil, no odor. Calculated 7.5% porosity, 30% water. Not worthy of testing.
Arbuckle	3617'-3627'	Fine and medium crystalline, buff and light brown dolomite, good spotty stain, tight. Had show of free oil and fair odor in wet sample. Calculated 11-16% porosity, 65-89% water from 3620'-24'. (3620'-22' was shaley) Open on DST #1.

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Drill Stem Test #1 Results:

Interval: 3609'-3626'
Recovery: 2' drilling mud,
IFP: 33-33# w/no blow
ISIP: 55#
FFP: 33-33# w/no blow (flushed tool)
FSIP: 33#
BHT: 114 degrees F

Arbuckle 3626'-3636'

Dolomite as above, occassional coarse crystalline, white rhombic dolomite, spotty stain, barren in part. Slight intercrystalline porosity. Had show of free oil and fair odor. From 3634'-36', log indicated a neutron porosity of 16%. Resistivity curve (for water saturation) did not record at this depth. Open on DST #2.

Drill Stem Test #2 Results:

Interval: 3608'-3636'
Recovery: 10' drilling mud
IFP: 55-55# w/ weak blow
ISIP: 946#
FFP: 55-55# w/no blow (flushed tool)
FSIP: 904#
BHT: 114 degrees F

Arbuckle 3636'-3646'

Dolomite as above, barren to spotty stain, poor vuggy porosity in medium crystalline, buff dolomite. Slight show of free oil, faint odor. Open on DST #3.

Drill Stem Test #3 Results:

Interval: 3632'-3646'
Recovery: 420' salt water
IFP: 33-55# w/ fair blow
ISIP: 1135#
FFP: 66-220# w/ fair blow
FSIP: 1072#
BHT: 116 degrees F

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REMARKS:

Structurally, the Lansing top on the #1 Dreiling ran 1' low to the dry hole to the south one location, the #1 Dreiling C (Isern Bros.), and 2' high to the dry hole to the north two locations and east one location, the #1 Dreiling (Westgate Greenland).

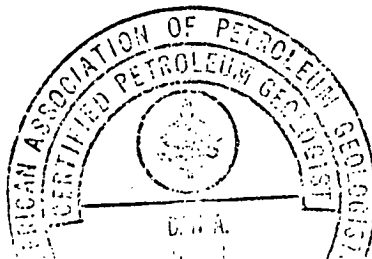
The Arbuckle top on the #1 Dreiling ran 4' low to the same #1 Dreiling C to the south and 10' high to the same #1 Dreiling to the northeast.

Due to lack of sufficient shows throughout the Lansing/Kansas City to warrant testing and the negative results of DST #1, #2, and #3, the #1 Dreiling was plugged and abandoned.

Respectfully Submitted,

Dan A. Nixon

Dan A. Nixon, CPG #3179



DRILLING TIME LOG

3000' - 3050'	2-3-2-2-1 2-1-2-2-1	2-2-2-1-2 1-1-2-2-1	2-1-4-3-1 1-1-1-1-2	1-3-3-2-1 1-1-1-1-1	2-1-2-1-2 2-1-1-1-1
3050' - 3100'	2-3-2-2-3 2-2-3-3-3	2-2-3-3-2 2-3-2-2-3	3-2-3-1-1 2-3-3-3-3	2-1-1-1-1 2-3-3-3-2	1-2-3-3-3 3-2-4-3-2
3100' - 3150'	2-2-2-2-2 2-3-3-4-3	1-1-1-2-2 4-4-5-3-4	4-2-4-3-4 3-2-2-2-2	3-3-4-4-4 3-2-4-5-6	2-3-2-3-3 4-4-5-4-4
3150' - 3200'	3-3-2-4-3 5-4-4-3-3	5-5-4-4-3 3-3-4-3-4	3-2-2-2-3 4-2-3-2-2	2-2-2-2-2 2-3-2-2-4	2-2-3-2-3 4-3-3-4-3
3200' - 3250'	4-4-4-4-4 5-4-5-4-6	6-5-4-7-4 5-3-3-2-2	4-3-4-4-6 4-7-5-5-5	5-6-7-6-5 5-4-5-3-7	4-3-3-3-2 6-6-6-5-5
3250' - 3300'	6-7-6-7-6 2-4-6-4-6	5-6-5-5-4 5-6-5-5-6	4-5-4-3-4 5-5-6-5-4	6-4-5-3-5 5-4-4-4-6	4-2-3-3-2 7-5-9-4-5
3300' - 3350'	5-5-5-6-4 3-4-6-5-4	3-2-3-7-7 5-5-4-4-6	7-5-5-3-3 6-4-3-2-6	4-5-5-5-4 6-5-4-4-4	3-4-3-3-3 5-4-3-4-3
3350' - 3400'	4-5-4-5-6 4-3-4-5-3	5-2-2-2-1 4-5-5-4-6	2-4-5-6-5 4-5-5-5-6	4-5-6-4-5 6-6-5-5-6	5-6-4-4-4 4-3-3-4-4
3400' - 3450'	4-4-5-4-5 5-5-5-6-5	5-6-4-5-6 6-5-5-7-4	7-5-5-5-5 4-6-4-5-7	5-4-5-5-5 7-4-3-2-2	5-5-3-5-5 3-5-4-5-6
3450' - 3500'	6-5-6-6-6 5-7-5-3-4	5-5-7-5-5 2-2-3-3-3	6-4-6-5-5 3-3-3-4-3	5-6-6-6-5 3-5-4-6-4	5-5-5-6-4 5-4-5-5-4
3500' - 3550'	6-4-6-5-5 6-4-5-5-6	8-6-5-7-5 6-7-6-7-6	3-5-4-4-6 4-4-5-6-5	6-7-6-4-5 8-8-7-7-8	7-8-8-7-5 6-6-9-6-5
3550' - 3600'	5-5-5-6-5 8-8-8-9-7	6-5-7-7-8 9-11-9-8-9	8-9-10-7-10 5-5-4-5-5	9-9-8-9-10 7-6-6-6-7	9-8-6-5-8 7-7-10-5-4
3600' - 3650'	4-4-3-2-3 6-4-5-5-7	3-3-7-7-7 7-7-6-5-5	6-5-4-5-5 3-2-3-2-2	5-6-6-5-3 4-2-1-3-3	4-3-4-3-5 2

3646' RTD CFS one hour @ 3626'; 3636'; 3646'

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AUG 24 1989
CONSERVATION DIVISION
Wichita Kansas

12040

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BILLING COPY

15-051-24605-00-00

SERVICE OPERATIONS CONTRACT

TERMS NET 30 DAYS FROM DATE OF CONTRACT



P.O. Box 4442, Houston, Tx. 77210
REMIT TO: P.O. Box 200416, Houston, Tx. 77216

DATE 8-8-89	SERVICE CONTRACT NO. 514731
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0
WELL NO. 1	LEASE Drilling
COUNTY/PARISH Ellis	CODE 051 STATE Ks CODE 14
FIELD NAME Bernie-Shuttle	WELL OWNER R.P. Nison Operations, Inc.
JOB NUMBER 0100	
PUMPING EQUIPMENT	TIME (A OR P)
TRUCK CALLED	8:30 P
ARRIVED AT JOB	10:15 P
START OPERATION	
FINISH OPERATION	1:30 A
TIME RELEASED	
MILES FROM STATION TO WELL 60	SALESMAN NUMBER

CUSTOMER ACCOUNT NO. 2584-7	DIST NUMBER 3370
CUSTOMER R.P. Nison Operations, Inc.	
ADDRESS 207 W 12th St	
CITY Hays STATE Ks	ZIP 67601
AUTHORIZED BY Bert Beery	ORDER NO.
STAGE NO.	TYPE JOB Surface Csg
	WORKING DEPTH 206 FT
TOTAL PREV. GALS.	1 SURFACE <input checked="" type="checkbox"/> INTERMEDIATE <input type="checkbox"/>
	3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>
TOTAL MEAS. DEPTH FT.	SIZE HOLE 12 1/4 DEPTH 209 FT
	SIZE & WT. CASING 2 3/8-20 DEPTH 206 FT
	SIZE & WT. DRILL PIPE OR TUBING
	PACKER DEPTH
	FLUID PUMPED
AVG. PSI.	MAX. PSI. 300

REVENUE EQUIPMENT (UNIT NUMBERS)	EMPLOYEES ON JOB (EMPLOYEE NUMBER)
B5U 2034 Pump truck	B. Kirkman 446953
B5P 2020 Pully Truck	B. Kirkman 446953
P 17485 Pick-up	R. Rose 26-5018

MAX. BPM **3**

S/S EMPLOYEE NUMBER

512-265618

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.
<p>RECEIVED</p> <p>STATE CORPORATION COMMISSION</p> <p>AUG 24 1989</p> <p>8-24-1989</p>									

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ TITAN SERVICES.

PRICE BOOK 07	SIGNED: Burton Beery (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)				
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
101100303	206	Pump truck Chg.	375.00	ft.	375 00
101109095	30	Pump truck Mfg. (both ways)	1.10	mi.	33 00
10411051041	84	Con. con.	5.30	Q	445 20
1041150181	56	Posmix	2.61	Q	146 16
104201451	2.41	Shel	6.75	C	16 27
1041150491	361	Cal chl A 9P	0.33	L	119 13
1043051391	1	Plug	17.00	E	17 00
108800851	140	Headblowing Dumping	0.95	S	133 00
10940101	945.0	Hauling 6.3 tons 15 mi	0.70	T.N.	66 15
Sub Total					1350 91

SERVICE REPRESENTATIVE **Dick Rose**

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Burton Beery**
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

15-051-24605-00-00

Date 8-8-89 District 3370 Ticket No. 514731
 Company R.P. Nixon Operations, Inc. Rig Shielder
 Lease Dreiling Well No. 1
 County Edlis State Ka
 Location 7N 6E 2N Hays Field Bemis-Shuttle

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skis Yield _____ ft³/sk Density _____ PP
 LEAD: Pump Time _____ hrs. Type _____
 Amt. 140 Skis Yield 126 ft³/sk Density _____ PP
 TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Skis Yield _____ ft³/sk Density _____ PP
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbl

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 20 Collar _____

Casing Depths: Top _____ Bottom 206

Drill Pipe: Size 4 1/2 Weight 16.60 Collars _____
 Open Hole: Size 12 1/4 T.D. 209 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Pump Trucks Used 2034 } Bill
 Bulk Equip. 2020
 Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ P
 Mud Type _____ Weight _____ P

COMPANY REPRESENTATIVE Paul Perry

CEMENTER Paul Perry

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						209 ft. - 12 1/4 hole
						206 ft. New 8 5/8 - 20# Csg.
						Cement w/ 140 gal. top prep. 3 1/2 cc 20# Csg.
						Pump plug w/ 13 bbls. water
						Cement did Cure.
						Get Comp. 1:30 A.M. 8-9-89

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CUSTOMER COPY

15-051-24005-00-00

SERVICE OPERATIONS CONTRACT

TERMS NET 30 DAYS FROM DATE OF CONTRACT

AUG 18 REC'D

P.O. Box 4442, Houston, Tx. 77210
REMIT TO: P.O. Box 200416, Houston, Tx. 77216

DATE 8-15-89		SERVICE CONTRACT NO. 514737	
CUSTOMER ACCOUNT NO.		DIST. NUMBER 3370	
CUSTOMER R. P. Nixon Oper. Inc.		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> WELL TYPE	
ADDRESS 207 W 12th		JOB NUMBER 0115	
CITY Hays STATE KS ZIP 67601		WELL NO. #1 LEASE Drilling	
AUTHORIZED BY R. P. Nixon ORDER NO.		COUNTY/PARISH Ellis CODE 51 STATE KS CODE 14	
STAGE NO.		FIELD NAME	
TYPE OF JOB P.T.A. WORKING DEPTH FT.		WELL OWNER R. P. Nixon Oper. Inc.	
1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		PUMPING EQUIPMENT	
TOTAL PREV. GALS.		TIME (A OR P)	
SIZE HOLE 7 7/8 DEPTH 3646 FT.		TRUCK CALLED	
SIZE & WT. CASING DEPTH 210' FT.		ARRIVED AT JOB 9:00 P.M. 8-16-89	
SIZE & WT. DRILL PIPE OR TUBING DEPTH FT.		START OPERATION	
PACKER DEPTH FLUID PUMPED		FINISH OPERATION 6:00 A 8-16-89	
AVG. PSI. MAX. PSI.		TIME RELEASED	
MAX. BPM		MILES FROM STATION TO WELL 17	
S/S EMPLOYEE NUMBER		SALESMAN NUMBER 26-5048	

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

REMARKS

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CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ TITAN SERVICES.

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10410504	129	Common	5.30	Q	683 20
10415018	86	Pos-Mix	2.61	Q	224 46
10420145	11	Premium Gel.	6.75	SX	74 25
10422095	50	Cello-Flake	1.27	LB	63 50
1011021103	1	Pump Truck Chg.	375.00	Ea.	375 00
101090105	34	P. T. Mileage	1.10	MI.	37 40
10430538	1	8 5/8 Dry-Hole Plug	12.00	Ea.	12 00
10940101	215	Hauling 9.5 Ton	.70	T.M.	113 05
10880085	215	Mixing Chg.	.95		204 25
Sub. Total					1787 61

SERVICE REPRESENTATIVE Dick Ross THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY Larry E McAdoo
 CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

15-051-24605-00-00 CEMENTING LOG

STAGE NO.

Date 8-15-89 District Nays Ticket No. 514737
 Company R. P. Miron Rig Shields
 Lease Dorling Well No. #1
 County Ellis State Ks.
 Location 7-N Catherine Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
215 SK 60/40 Per 47.9 gal
2.5x Alfa Flake
 LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Pump Trucks Used 2034 Aulen
 Bulk Equip. 2035 Aulen
 Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Harry M. Ador

CEMENTER Philson

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						20" AX @ 3605'
						20" AX @ 1375'
						100 SK @ 770'
						40 AX @ 260'
						10 AX @ 40' with Bridge & Plug
						15 AX Rat Hole
						10 AX Mouse Hole
						Completion Time 10 A.M. 8-16-89

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 24 1989
 8-24-1989
 CONSERVATION DIVISION
 Wichita, Kansas