

ORIGINAL

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 # 5798

Name: Michael D. Weilert Oil Co.

Address R.R. 2, Box 10

City/State/Zip Hays, KS 67601

Purchaser: Clear Creek

Operator Contact Person: Michael Weilert

Phone (913) 625-6327

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: JR Green

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

Spud Date 9-28-90 Date Reached TD 10-4-90 Completion Date 10-27-90

API NO. 15- 051-24,695-00-00

County Ellis

W/2 NW NW Sec. 32 Tmp. 14S Rge. 18 East West

4510' FSL Ft. North from Southeast Corner of Section

4950' FEL Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

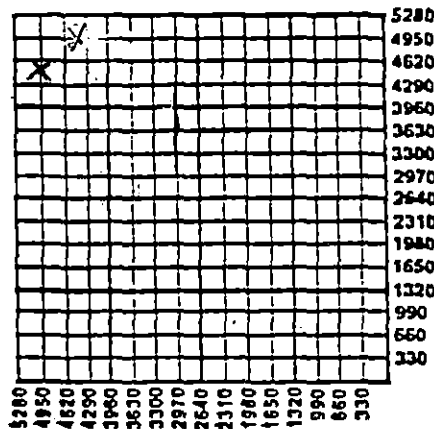
Lease Name Rohr Well # 6

Field Name Engle West

Producing Formation Arbuckle

Elevation: Ground 2044' KB _____

Total Depth 3651' PBTD _____



Amount of Surface Pipe Set and Cemented at 249' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1314 Feet

If Alternate II completion, cement circulated from 1314

feet depth to SURFACE w/ 325 sx cmt.

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 Michael D. Weilert

Title Operator Date 12/17/90

Subscribed and sworn to before me this 17th day of December, 19 90.

Notary Public Carolyn Klaus

Date Commission Expires 7/9/92

CAROLYN KLAUS
Ellis County, KS
My Adot. Exp. 7/9/92

STATE CORPORATION COMMISSION
DEC 18 1990
K.C.C. OFFICE USE ONLY
CONSERVATION DIVISION
Letter of Confidentiality Attached
c Wireline Log Received
c Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Michael D. Weilert Oil Co. Lease Name Rohr Well # 6
 Sec. 32 Twp. 14S Rge. 18 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description	Name	Top	Bottom		
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					<input checked="" type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
		Anhydrite		1241	1281		
		Topeka		2832			
		Heebner		3278			
		TORONTO		3298			
		LANSING		3326			
		ARBUCKLE		3560			
		ARBUCKLE		3640			
		TD		3651			

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"	19#	249'	60-40oz mix	165	3% cc 2% gel
Production	7 7/8"	5 1/2"	15 1/2	3650	Common mix	155	6% Cal Seal 4% Gel 4% cc
Production	7 7/8"	5 1/2"	15 1/2	1314	50-50oz mix	325	6% Gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
30 1/4	3645-50 ARBUCKLE	500 Gallons 15% INS	3645-50
4	3645-47 ARBUCKLE	Retreat 1000 Gallons 20% INS	3645-50
4	3645-47 ARBUCKLE	250 Gallons 20% INS + 1250 Gallons 20% INS - Retreated with 500 Gallons	3645-47
15% Acid 2	50 lbs Plug Material (Rock Salt) Retreat	Retreat AGAIN 500 lbs ROCK SALT	4 x 500
Callous 15%	INS		
Open Hole	Arbuckle Treated with 100 Gallons 7 1/2% INS, 750 Gallons 15% INS	Retreat + 1500 Gallons NE (Dried Up No Good)	

TUBING RECORD	Size Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8	3656		

Date of First Production 10-27-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10 BOPD		25 BWPD		33

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Production Interval: 3650-59
Open Hole Arbuckle

* Tested KCI Zone 3478-82. Dried Up No Good
 NO OIL or Fluid came out of Arbuckle Perforations; Fluid coming from Open Hole Arbuckle ONLY.

J. R. GREEN
 PETROLEUM GEOLOGIST
 P. O. BOX 503 - HAYS, KANSAS 67501
 913-823-9023

ORIGINAL

October 6, 1990

GEOLOGIC REPORT

Michael D. Weilert No. 6 Rohr
 4460'F.S.L.4950'F.E.L. NW/4 32-14-18W.
 Ellis County, Kansas
Commenced: 9/27/90
Completed: 10/5/90

Pipe Record:
 85/8 @249'W/165 sacks
 51/2"@3645'W/155&325 sacks
Anhydrite: 1241-81
Drilled by: Abercrombie#4

ELEVATION 2052 K.B.
 2047 Gr. 2049 D.F.

FORMATION DATA
 (Corrected to R.A.Guard Log)

<u>FORMATION</u>	<u>Sea Level Data</u>	<u>(#5 Rohr)</u>	<u>Depth</u>
Anhydrite	+811	(+821)	1241
Tarkio - -	-780	(-773)	2832
Topeka	-950	(-945)	3002
Heebner	-1226	(-1221)	3278
Toronto - -	-1246	(-1240)	3298
Lansing-K. C.	-1274	(-1266)	3326
"H" Bench	-1406	(-1401)	3458
"J" Bench - -	-1445	(-1438)	3497
Kansas City Base	-1508	(-1502)	3560
Weathered Arbuckle	-1582	(none)	3634
Arbuckle - -	-1588	(-1586)	3640
Rotary (Log) T.D.	-1599	(-1592)	3651

Drill Stem Tests: Five (see below)
Electric Logs: ELI Radiation Guard

NOTICE: This was one of those rare holes where we started out lower on each marker but did not thicken. I do not believe I would trust to luck this happening twice by drilling the location to the north.

BELOW ARE LISTED BENCHES WITH OIL SHOWS, AND D.S.T.RESULTS:

Toronto 3298-3312:

Friable fine crystalline with minor freeoil, that appears condemned by D.S.T.#1. Before abandoning 3298-3300 & 3310-12 may prove commercial (depending on work over cost at that time).

A,B Bench 3326-44 with shows as above, and the porosity breaks at the base of the benches, I would not expect much from this, but if perforated I am suggesting 3338-40 & 3342-44,with the above.

Drill Stem Test No. 1: 3273-3340

Open: 60-60"

Shut-in: 30-30"

Recovered: 80' thin mud.

Shut-in Pressures: 1119-1006#

Flow Pressures: 65-73# 81-89#

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 Wichita, Kansas

GREEN & GREEN

ORIGINAL

CONSULTING PETROLEUM GEOLOGISTS

(913) 625-9023 or (913) 625-5155

P.O. BOX 503

HAYS, KANSAS 67601

Page 2

Michael D. Weilert
No. 6 Rohr

"C"3350-62; D & D' 3368-91; E,F,G,&G' Benches do not warrant testing.

H&H' 3458-76: with minor free oil, and light odor, this friable oolitic porosity warrants testing from 3458-62: this calculates 9% porosity, and 36% water, included in D.S.T.#2.

I Bench 3478-93 This broken to friable fine crystalline limestone had adequate free oil, good odor and calculates 18% porosity, and water from 3478-80; test. On D. S. T. #2 I do not believe the shut in pressures, although the flow pressures appear all right.

Drill Stem Test No. 2 3444-95:

Open: 60" 60"

Shut-in: 30" 30"

Recovered: 230' gas, 110' slightly oil cut mud.

Shut-in Pressures: 171 pounds & 162 pounds.

Flow Pressures: 89-114# 130-138pounds.

J Bench 3487-3513 calculates 11-12% porosity and 21-22% water from 3497 to 3504. This bench was as well developed here as it was on No. 5. It thickened 2 feet from No. 5 and was 5 feet lower on structure, but I believe the poor showing on D. S. T. #3 was due to drainage from No. 5.

Drill Stem Test No. 3 3491-3507

Open: 30-30"

Shut-in: 30-30"

Recovered: 15' mud.

Shut-in Pressures: 39-32#

Flow Pressures: 16-16 24-24#

K Bench 3521-45, L Bench 3548-60 DOES NOT warrant testing although 3554-56 calculates 9.5% porosity and 36% water.

Weathered Arbuckle Re-worked fine crystalline sucrosic dolomite and shale from 3434 to 3440.

ARBUCKLE 3640-51:

The fine to medium crystalline dolomite, with free oil and light odor from 3640-45, will be behind pipe, partially due to D. S. T. No. 4. 3645-51 developed excellent coarse crystalline porosity, with ample oil and odor, see D.S.T. No. 5 below. Had we known it would develop we would have cabled holed it in.

Drill Stem Test No. 4 3636-46: RECEIVED Drill Stem Test No. 5 3641-51:

Open: 60-60#

STATE CORPORATION COMMISSION 60-60#

Shut-in: 30-30#

DEC 18 1990 30-30#

Recovered: 60' gas, 20' H.M.C.O. 300 feet oil

60' heavy Oil Cut CONSERVATION DIVISION 100' slightly mud cut Oil

Shut-in Pressures: 1070-1037 pounds 772-845 P/S/I

Flow Pressures: 32-40 48-65# 40-89 114-162 P/S/I

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Page 3

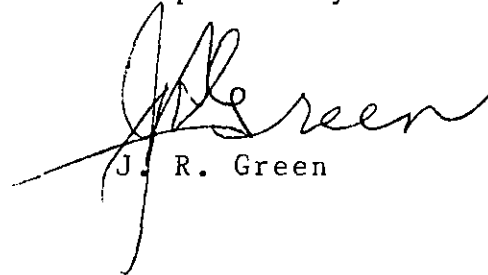
Michael D. Weilert
No. 6 Rohr

RECOMMENDATIONS

It was recommended that pipe be set at 3645' by all parties concerned, and the Arbuckle tested open hole. The pipe was two staged.

My recommendations for up the hole may be found with each bench.

Respectfully submitted,



J. R. Green

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CONSERVATION DIVISION
Wichita, Kansas



LOAD SHEET

ORIGINAL

JOB NUMBER		CONTRACT NUMBER	DATE	DISTRICT NAME		
		627559	9-27-90	Harris		
CUSTOMER NAME AND ADDRESS				DIRECT SHIPMENT FROM		
Michael P. Wheeler Co				VENDOR NAME		
				B.S. Services		
Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Common cement	Q	99		
2	415018	Porgrin	Q	66		
3	415049	Calcium chloride	2	426		
4	420145	Sel	L	284		
5						
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CONSERVATION DIVISION
Wichita

COPY 1 - DISTRICT COPY
COPY 2 - CUSTOMER COPY
COPY 3 - HOUSTON

LOADED BY: *Dean Randle* PRINTED
Dean Randle SIGNATURE
CUSTOMER: *Michael P. Wheeler* SIGNATURE
DATE: *9-27-90*

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

ORIGINAL CEMENTING LOG

STAGE NO.

Date: 12-27-70 District: H.A. 10 Ticket No. 127557
 Company: Harold Maley Rig: 114
 Lease: Road Well No. 6
 County: Polk State: Kan
 Location: 45 16 H.A. 10 Field: _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 3 1/2 Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 10 1/4 T.D. 250 ft. P.B. to 235 ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0650 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. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type _____
64032 Excess _____
 Amt. 165 Sks Yield 1.26 ft³/sk Density _____ PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 WATER: Lead 5.75 gals/sk Tail _____ gals/sk Total 222 Bbls.

Pump Trucks Used: DAN-2034
 Bulk Equip.: DEAN-2035

Float Equip: Manufacturer _____
 Shoe Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp Fluid Type: Water Amt. _____ Bbls. Weight 5.37 PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE: Harold Maley

CEMENTER: Bill R. Kefer

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
						Run ^c the surface pipe pipe set at 247
	250	222			4	Cement w/ 165 sks 6440 ppg 396 cc .27% gel
		15.2			3	plug plug w/ P. bbls water cement. led. circulate
						plug down at 10.00 AM
						RECEIVED STATE COMMISSION
						DEC 18 1970
						COMMISSION DIVISION WICHITA, KANSAS



ORIGINAL CONTRACT NO. 6275-62

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
1010490		HAYS	3370	
CUSTOMER				
Michael D. Weikert S&C				

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	UM	PRICE EXTENSION
011	10110103211		Pump Truck Charge	1,145.00	E	1,145 00
	101101501		Additional Stage	950.00	E	950 00
	10141105104	318	Common Cement	5.45	Q	1733 10
	10141150118	162	Poz	2.88	Q	466 56
	10142180210	874	Gyp Sock A-10	.22	L	192 28
	101421145	2221	Gel	.13	L	266 52
	10141151049	109	Cal Chloride A-7 ^P	.46	L	50 14
	101411510110	500	Mud Sweep	1.45	G	725 00
	1018110101011	480	Handling & Dumping	1.10	SK	528 00
	101914011011	112.5	Hauling 22.5 Ton Smi	2.35	TM	84 38
	101101901015	5	Pump Truck Milage	2.35		11 75
			SubTOTAL			6152 74
			Float Equipment			
	101410961010	5	Centrifuges	46.75	E	233 75
	101409101010	1	BASKET	140.00	E	140 00
	101409601010	1	Model "J" Stage collar	3135.00	E	3135 00
	1014096101010	1	Guide shoe	124.00	E	124 00
	1014096101010	1	Insert	188.00	E	188 00
			F.E. SubTOTAL			3820 75
			Cement SubTOTAL			6152 74
			SubTOTAL			9973 49
			Less			149 69 97
			SubTOTAL			9477 47

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CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
Bill R. Leman	Michael D. Weikert

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

CUSTOMER COPY



P.O. Box 4442
Houston, Tx. 77210

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE 10-4-90	SERVICE CONTRACT NO. 627562
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE <u>0</u> JOB NUMBER <u>1106</u>
WELL NO. <u>6</u>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <u>Ruhk</u>
COUNTY/PARISH <u>Ellis</u>	CODE <u>51</u> STATE <u>Ks</u> CODE <u>15</u>
FIELD NAME	CITY CODE
WELL OWNER <u>Michael D. Willett</u>	MTA CODE

CUSTOMER ACCOUNT NO.	DIST NAME <u>HAYS</u>
CUSTOMER <u>Michael D. Willett Oil</u>	DIST NUMBER <u>3370</u>
ADDRESS <u>R.R. #2 Box 10</u>	ZIP <u>67601</u>
CITY <u>HAYS</u>	STATE <u>Ks</u>
AUTHORIZED BY: <u>Michael D. Willett</u>	ORDER NO.
STAGE NO.	JOB CODE
TOTAL PREV. GALS.	WORKING DEPTH <u>3651</u> FT
TOTAL MEAS. DEPTH FT.	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input checked="" type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>
SIZE HOLE <u>7 7/8</u>	DEPTH
SIZE & WT. CASING <u>5 1/2 15</u>	DEPTH
SIZE & WT. DRILL PIPE OR TUBING <u>4 1/2</u>	DEPTH
PACKER DEPTH	FLUID PUMPED

PUMPING EQUIPMENT	TIME (A OR P)	DATE MM DD YY <u>10 04 90</u>
TRUCK CALLED	ARRIVED AT JOB	START OPERATION
FINISH OPERATION	TIME RELEASED	<u>10 - -70</u>
MILES FROM STATION TO WELL <u>12</u>	SALESMAN NUMBER	

AVG PSI. <u>400</u>	MAX. PSI. <u>700</u>
MAX. BPM <u>4</u>	S/S EMPLOYEE NUMBER <u>446953</u>

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

REMARKS

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 SERVICES.

PRICE BOOK <u>011</u>	SIGNED: <u>Michael D. Willett</u> (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)				
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
	<u>3^{1/4}</u>	<u>Arbitrate</u>			

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DEC 18 1990
CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE <u>Bill R. DeKam</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Michael D. Willett</u> (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.



B.J. TITAN SERVICES
LOAD SHEET ORIGINAL

JOB NUMBER	CONTRACT NUMBER	DATE	DIRECT SHIPMENT FROM	DISTRICT NAME
	627562	10-4-90	Hays	

CUSTOMER NAME AND ADDRESS	DIRECT SHIPMENT FROM
Michael D. Ward Ltd Co	
	VENDOR NAME
	BJ Services

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Common Concrete	Q	318		
2	415018	Formwork	Q	162		
3	415049	Calcium Chloride	L	109		
4	425010	Weld Sumps	Q	500		
5	420445	Seal	L	222.1		
6	424026	Seal	L	879		
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	<u>Dean Randle</u>	SIGNATURE
	SIGNATURE	DATE <u>10-4-90</u>

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

ORIGINAL

Date 12-4-90 District HAYS Ticket No. 627562
 Company Michael D. Woileker Rig Abex #4
 Lease Pohr Well No. 6
 County Ellis State Ks
 Location 45 1/2 W HAYS Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2 Type _____ Weight 15 Collar _____

Casing Depths. Top _____ Bottom _____

Drill Pipe Size 4 1/2 Weight _____ Collars _____
 Open Hole Size 7 3/8 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin ft. 10244 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 _____

CEMENT DATA:
 Spacer Type: 500 Gal Mud Flush
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD Pump Time _____ hrs. Type _____
Surgifit Excess _____
 Amt. 155 Sks Yield 1.58 ft³/sk Density 12.1 PPG

TAIL Pump Time Top Stage hrs. Type _____
500 Gal 6 1/2 Gal Excess _____
 Amt. 325 Sks Yield 1.54 ft³/sk Density 13.2 PPG

WATER Lead 7.18 gals/sk Tail 7.56 gals/sk Total 85 Bbls.

Pump Trucks Used 2029-DAN
 Bulk Equip. 2035-Dean
2036-Dean

Float Equip: Manufacturer Baker
 Shoe Type Conical Nose Depth _____
 Float Type AFU Depth _____
 Centralizers Quantity 5 Plugs Top _____ Btm _____
 Stage Collars Mud J
 Special Equip. 1 BASKET
 Disp Fluid Type Water 4 mud Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Michael D. Woileker CEMENTER Bill R. Kegan

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
						Pipe set at 3648 Start at 3627
			10			pump EMU 500 gal mud sweep
			265			Cement w/ 155 sks Surgifit
			58			pump plug w/ 58 bbls water
			31			follow w/ 301 bbls mud
						Land plug at 1200 PSI
						Top Stage D.V. TOOL AT 1314
						700 PSI TO OPEN
			535			Cement w/ 325 sks 500 gal
						6 1/2 in, pump plug w/
			31			31 bbls of water
						Land & close D.V. at 1500 PSI
						Removal and Circulate

32-14-18 NW 1/4
 Ellis County

Driller Log
 ORIGINAL

COMPANY Weilert oil FARM Rohn WELL NO. 6
 SEC. TWP. RGE. LOC. COUNTY ELLIS STATE KS
 CONTRACTOR Abercrombie Drng SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x H
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 15

625-9023

15.051.24695.00.00

DATE 9-30-90 A-M

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2900	11:21	1	
	22	1	
	23	1	
	26	3	
	29	3	
5	31	2	
	32	2	
	36	3	
	38	2	
	40	2	
2910	42	2	
	44	2	
	46	2	
	48	2	0.01111
	50	2	
15	55	2	
	57	2	
	12:00	3	
	02	2	
	04	2	
2920		1	
	07	2	
	08	1	
	10	2	
	12	2	
25	14	2	
	17	2	
	18	2	
	20	2	
	23	3	
2930	25	2	
	28	3	
	30	2	
	33	3	
	35	2	
35	37	2	
	39	2	
	42	3	
	45	3	
	47	2	
2940	49	2	
	51	2	
	52	1	
	54	2	
	55	1	
45	10:33	1	
	4	1	
	6	2	
	9	3	
	12	3	
2950	14	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950	11:17	3	
	20	3	
	23	3	
	25	2	
55	26	1	
	29	3	
	32	3	
	35	3	
	37	2	
2960	39	2	
	41	2	
	43	2	
	44	1	
	45	1	
65	47	2	
	49	2	
	51	2	
	53	2	
	55	2	
2970	56	1	
	57	1	
	59	2	
	2:00	1	
	3	3	
75	5	2	
	7	2	0.01111
	10:11	1	
	13	2	
	14	1	
2980	15	1	
	16	1	
	17	1	
	18	1	
	19	1	
85	20	1	
	21	1	
	22	1	
	23	1	
	24	1	
2990	25	1	
	26	1	
	27	1	
	28	1	
	29	1	
95		1/2	
	30	1/2	
	31	1	
	32	1	
	33	1	
3000	34	1	

ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.
 Reorder No. 09-281

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 Wichita, Kansas

ORIGINAL

COMPANY Weilert oil FARM Robr WELL NO. 6
 SEC. TWP. RGE. LOC. COUNTY ELLIS STATE Ks
 CONTRACTOR Abercrombie Dnly SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x 11
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 15

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000	34	36	2
	38	2	
	40	2	
	42	2	
5	43	1	
	44	1	
	45	1	CONN
	52 1/2	1	
	55	2	
2010	57	2	
	59	2	
	30 1/2	2 1/2	
	05	3 1/2	
	7	2	
15	9	2	
	11 1/2	2 1/2	
	14	2 1/2	
	16	2	
	18 1/2	2 1/2	
2015	20	1 1/2	
	22	2	
	24	2	
	27	3	
	29	2	
25	31	2	
	34 1/2	3 1/2	
	37	2 1/2	
	40	3	
	42	2	
3010	44	2	
	47	3	
	49 1/2	2 1/2	
	52	2 1/2	
	54	2	
35	57	3	
	40 1/2	3 1/2	
	03	2 1/2	
	4	1	CONN
3040	5 1/2	2	
	10	2	
	12	2	
	14	2	
	17	3	
	20	3	
45	22 1/2	2 1/2	
	25	2 1/2	
	28	3	
	31	3	
	34	3	
3050	37	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	37	39	2
	41	2	
	42	1	
	44	1 1/2	
55	48	1 1/2	
	49 1/2	1	
	52	1 1/2	
	45	2 1/2	
	46	1	
2560	47 1/2	1 1/2	
	49	1 1/2	
	51	2	
	54	3	
	57	3	
65	500	3	
	3	3	
	7	4	
	9 1/2	2 1/2	
	12 1/2	3	
3070	16	3 1/2	CONN
	20 1/2	2	
	25	3	
	27	2	
	28 1/2	1 1/2	
75	30	1 1/2	
	32	2	
	33 1/2	1 1/2	
	35	1 1/2	
	36 1/2	1 1/2	
3080	38 1/2	2	
	41	2 1/2	
	43	2	
	45 1/2	2 1/2	
	48	2 1/2	
85	51	3	
	54	3	
	57	2 1/2	
	59	2 1/2	
	60 1/2	2	
3090	2 1/2	1 1/2	
	4	1 1/2	
	5 1/2	1 1/2	
	7	1 1/2	
	9	2	
95	11	2	
	13 1/2	2 1/2	
	16	2 1/2	
	19	3	
	22	3	
3100	25	3	CONN

Rotary Drilling Time Sheet # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.
 Reorder No. 09-281

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 Wichita, Kansas

ORIGINAL

COMPANY Wellpoint Oil FARM Poker WELL NO. 6
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE KS
 CONTRACTOR APB 8 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x 11
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 15

DATE	DEPTH	TIME O'CLOCK	MIN.	REMARKS
	7 1/2	29	2 1/2	
		31 1/2	2 1/2	
		34	2 1/2	
		36	2	
		38	2	
		41	3	
		43	2	
		45	2	
		47	2	
		49 1/2	2 1/2	
	5	52	2 1/2	
		55	3	
		58	3	
		201	3	
		21 1/2	1 1/2	
13	4		1 1/2	
	6 1/2		2 1/2	
	5		1 1/2	
	7		1	
	10 1/2		1 1/2	
20	12		1 1/2	
	13		1	
	15		2	
	16		1	
	17		1	
21	18		1	
	19		1	
	20		1	
	21		1	
	22		1	
21	23 1/2		1 1/2	CONV
	27 1/2		1	
	29		1	
	31		2	
	33		2	
21	34 1/2		1 1/2	
	35 1/2		1	
	37		1 1/2	
	39 1/2		2 1/2	
	42		2 1/2	
21	45		3	
	47 1/2		2 1/2	
	51		3 1/2	
	54		3	
	56 1/2		2 1/2	
21	59		2 1/2	
	80 1/2		2 1/2	
	4		2 1/2	
	6 1/2		2 1/2	
	9		2 1/2	
21	12		3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
31 1/2	12	4	
31	16	4	
	20	4	
	24	4	
	29	5	
40	32	3	
	36	4	
	39	3	
	42	3	
	46	4	
50	50	4	
	54	4	CONV
	57 1/2	1	
	901	3	
	3	2	
63	6	3	
	8	2	
	11 1/2	3 1/2	
	14	2 1/2	
	16	2	
70	19	3	
	21	2	
	24 1/2	3 1/2	
	28	3 1/2	
	31	3	
75	34	3	
	37	3	
	40	3	
	43	3	
	46 1/2	3 1/2	
80	50	3 1/2	
	52	2	
	54 1/2	2 1/2	
	57	2 1/2	
	1050	3	
83	03	3	
	6 1/2	3 1/2	
	10	3 1/2	
	13	3	
	17	4	
85	21	4	
	25	4	CONV
	29 1/2	2	
	33 1/2	2 1/2	
	36	2 1/2	
91	38	2	
	41	3	
	45	4	Vis-42
	48	3	W.T.-9.6
	52	4	L.C.M.-1/2
9200	56	4	

ROTARY DRILLING TIME SHEET # 503 Recorder No. 09-251
 KANSAS BLUE PRINT CO., WICHITA, KAN.

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 Wichita, Kansas

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200	56		
01	1100	4	
	03	3	
	06	3	
	09	3	
5	13	4	
	16	3	
	19	3	
	22	3	
	25	3	
11	27	2	
	30	3	
	33	3	
	37	4	
	41	4	
15	44	3	
	47	3	
	50	3	
	54	4	
	56	2	
18	59	3	
	1203	4	
	07	4	
	10	3	Conn =
	30	3	
21	37	4	
	41	4	
	46	5	
	50	4	
	53	3	
26	57	4	
	101	4	
	04	3	
	07	3	
	10	3	
35	13	3	
	16	3	
	19	2	
	21	3	
	24	3	
41	27	3	
	30	3	
	31	1	
	33	2	
	34	1	
	35	1	
	37	2	
	38	1	
	41	3	
	44	3	
47	46	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200	46		
51	49	3	
	52	3	Conn =
	55	3	
	04	3	
55	07	3	
	10	3	
	12	3	
	15	3	
	19	4	Vis 42
61	23	4	W.T. 7.4
	27	4	L.C.M. 27
	30	3	
	34	4	
	37	3	
65	40	3	
	44	4	
	47	3	
	51	4	
	54	3	
71	54	5	Call Green
	303	4	3270
	07	4	625-9023
	11	4	M.L.K.
	15	4	625-6327
76	19	4	
	24	5	
	27	3	
	29	2	
	31	2	
80	34	3	
	38	4	
	43	5	
	47	4	Conn =
	52	2	
85	56	2	
	59	3	
	402	3	
	05	3	
	08	3	
91	12	4	
	14	2	
	17	3	
	21	4	
	24	3	
95	27	3	
	31	4	
	33	2	
	36	3	
	38	2	
3300	40	2	

ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

Recorder No. 09-281

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CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL

40
73
67
32
32
33

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE Oct 1, 1990

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300	40		
01	42	2	
	45	3	
	50	5	
	54	4	
05	58	4	
	502	4	
	07	5	
	11	4	
	16	5	
3310	20	4	
	23	3	
	27	4	
	30	3	
	33	3	
15	37	4	CONN =
	59	3	
	600	2	
	02	2	
	03 1/2	1 1/2	
3320	05	1 1/2	
	06	1	
	08	2	
	10	2	
	12	2	
25	15	3	
	18	3	
	21	3	
	24	3	
	28	4	
3330	31	3	CFS 20-40-60
	36	3	
	39	3	
	43	4	
	47	4	
	51	4	
35	55	4	Lower Packer
	59	4	32 73
	603	4	
	7	4	AM
	10	3	
3340	14	4	STOP - RECEIVED
	03	3	STATE CORPORATION COMMISSION
	06	4	DEC 18 1990
	10	4	CONSERVATION DIVISION
	14	4	Wichita, Kansas
	17	3	
45	20	3	
	23	3	CONN
	26	2	
	31	3	
	34	3	
3350	37	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350	42	5	
	45	3	
	49	4	
	52	3	
55	56	7	P.M
	9	4	
	0A	4	
	8	4	
	12	4	
3360	16	4	
	19	3	
	22	3	
	25	3	
	28	3	
65	31	3	
	34	3	
	37	3	
	40	3	
	43	3	
3370	47	4	
	51	4	
	55	4	
	59	4	
	1002	3	
75	6	4	
	9	3	
	12	3	
	16	3	CONN 30-60 CFS
	20	2	
3380	27	5	
	30	3	
	33	3	CSE 30.60
	50	3	
	57	4	
85	202	5	
	05	3	
	09	4	
	14	5	
	18	4	
3390	22	4	
	26	4	
	29	3	
	31	2	
	34	3	
95	38	4	
	43	5	
	47	4	
	51	4	
	56	5	
3400	100	4	

ROTARY DRILLING TIME SHEET # 603
 KANSAS BLUE PRINT CO., WICHITA, KAN.
 Reorder No. 09-281

CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE Oct 2, 1990

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3400	100	3	A.M.
	05	3	
	06	3	
	09	2	
	13	4	
05	16	3	
	19	3	
	21	2	
	24	3	
	36	4	
3410	45	5	Vis-42
	48	3	W.T.-9.6
	52	4	L.C.HI-2 1/2
	56	4	
	200	4	
15	04	4	
	07	3	
	07 1/2	1/2	
	08	1/2	
	11	3	
3420	14	3	
	18	4	
	22	4	
	27	5	
	31	4	
25	35	4	
	39	4	
	44	5	
	49	3	
	52	5	
3430	57	5	
	301	4	
	05	4	
	09	4	
	14	5	
35	18	4	
	22	4	
	27	5	
	31	4	
	35	4	
3440	40	5	
	44	3	
	52	5	
	56	4	
	59	5	
45	4103	4	
	06	3	
	09	3	
	13	4	
	16	3	
3450	20	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	20	2	
	22	2	
	24	2	
	26	2	
	28	2	
55	31	3	
	34	3	
	37	3	
	40	3	
	42	2	
3460	46	4	
	49	5	
	52	3	
	56	4	
	59	3	
65	562	3	
	04	2	
	08	2	
	11	3	
	14	3	
3470	18	4	
	21	3	Call Green
	2430	4	625-9023
	35	5	625-6327
	39	4	
75	43	4	
	47	4	
	51	4	
	56	5	
	600	4	
3480	04	4	
	08	4	
	12	4	
	16	4	
	20	4	Lower
85	24	4	
	28	4	Recker
	33	5	
	38	5	3444(5')
	42	4	
3490	46	4	
	50	4	
	53	3	A.M.
	57	4	
	7:00	3	
95	7:04	4	stop 30-60
	5:38	2	
	41	3	
	45	4	
	47	2	
3500	50	3	

ROTARY DRILLING TIME SHEET # 603
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 Wichita, Kansas

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3500	10		
1	54	4	
	57	3	conn
6	54	2	
	5	4	Lower Parker
5	13	5	3491 16'
	17	4	
	22	5	
5	13	4	
	21	4	
12	25	4	
	29	4	
	32	3	
	35	3	
	39	4	
	42	3	
	44	2	
	47	3	
	51	4	
	55	4	Vis-42
55	59	4	W.T.-9.5
	604	5	
	09	5	
	12	3	
	17	5	
15	20	3	Coil 625-9023
	24	4	
	28	4	
	31	3	
	35	4	
16	39	4	
	43	4	
	48	5	
	52	4	Conn = Sen Rig
57	50	3	
40	5	3	
	8	3	
	12	4	
	17	5	
	21	4	
40	26	5	
	31	5	
	36	5	
	41	5	
	46	5	
	50	4	
	55	5	
	800	5	
	3	3	
	6	3	
30	9	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
800	809		
	12	3	
	15	3	
	17	2	
	20	3	
55	24	4	
	28	4	
	32	4	
	35	3	
	38	3	
60	41	3	
	44	3	
	48	4	
	52	4	
	57	5	
65	901	4	conn
	58	3	
	12	4	
	17	5	
	20	3	
70	22	2	
	25	3	
	28	3	
	30	2	
	32	2	
75	36	4	
	40	4	vis
	44	4	38
	48	4	
	51	3	
80	55	4	
	10:00	5	
	4	4	
	8	4	
	13	5	
85	16	3	
	20	4	
	23	3	
	28	3	
90	33	5	
	36	3	
	39	3	
	42	3	
	44	2	
95	46	2	conn
	52	2	
	55	3	
	59	4	
	1102	3	
3600	5	3	

ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

Recorder No. 09-281

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CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL

COMPANY Weller Oil FARM Rohn WELL NO. 6
 SEC. TWP. RGE. LOC. COUNTY ELLIS STATE Ks
 CONTRACTOR Abercrombie Dalg SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x 11
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 15

DATE 10/30/90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3600	11:05	9	
	12	3	
	15	3	
	19	4	
5	23	4	
	26	3	
	30	4	
	34	4	
	39	5	
3610	44	5	Call Green 625-9023
	48	4	
	52	4	Mike
	55	3	625-6327
	59	4	
15	12:02	3	
	5	3	
	8	3	
	11	3	
	14	3	
3620	16	2	
	18	2	
	21	3	
	24	3	
	26	2	
25	28	2	Stop
	11:18	1	
	20	2	
	22	2	
	25	3	
3630	28	3	
	30	2	
	33	3	A.M.
	36	3	
	39	3	
35	44	5	S.R.
	48	4	
	51	3	
	55	4	
	58	3	CES 20-40-60
3640	TH	3	
	17	3	
	20	3	
	22	2	DST #15
	24	2	Lower Packer
45	26	2	3641
	28	2	
	2:03	3	
	09	3	A M
	11	2	
3650	13	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3650	13	15	2
			Vis-43
			W.T.-9.4
55			
			Conn?
3660			

ROTARY DRILLING TIME SHEET # 503 Reorder No. 09-281
 KANSAS BLUE PRINT CO., WICHITA, KAN.

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Wichita, Kansas