## RECEIVED

JAN 2 5 2002

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

## KCC WICHITA

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name: W/M INTERNATIONAL, INC  Address: 357 MELROSE DR  Christatoriz, LENEXA, KS 66214  Purchaser: PLAINS MARKETING, INC  Operator Contact Person. ROBERT BUKATY  Phone: (913) _ 859-0438  Contractor: Name: RIG 6 DRILLING  License: 30567  Wellstate Geologist: DEAN SEEBER  Designate Type of Completion:  New Well _ Re-Entry _ Workover  New Settle _ Re	Operator: License #_5556	API No. 15 - 073-23926-0000 ORIGINAL
Address: 8357 MELROSE DR  Chystates/Ep; LENEXA, KS 66214  The processor PLANS MARKETING, INC  Operator Contact Person: ROBERT BUKATY  Phone: (g13_) 859-0438  Clorinscion: Name; RIG 6 DRILLING  License: 30567  Wellste Goologist: DEAN SEEBER  Designate Type of Completion:  New Well Re-Entry Workover  New Well Re-Entry Workover  New Well Re-Entry Workover  New Well Re-Entry Workover  Now Well Re-Entry Workover  Now Well Re-Entry Workover  Now Well Info as follows:  Operator:  Designate Type of Completion:  Despering Re-pert. Corw. of Entri/SWD  Plug Back Total Depth:  Commingled Docket No.  Dual Completion Docket No.  Dual Completion Docket No.  Dual Completion Docket No.  Other (SWD or Entri): Docket No.  Other (SWD or Entri): Docket No.  Oberator:  Now Well Reached TD Completion Date or Recompletion Date or Now III be had confidential fire units of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complicated with its form. Alt. CEMENTING  JOHN W SMITH SMITH SUBJECT To Completion Date or Recompletion Rec		
Clivificatority: LENEXA, KS 66214  Purchaser: PLAINS MARKETING, INC Operator Contact Person: ROBERT BUKATY  Phone: (313_) 859-0438. Contractor: Name: RIG 6 DRILLING License: 30567  Wellsite Geologist: DEAN SEEBER  Designate Type of Completion:  V New Well Re-Entry Workover  Oil SWD SIOW Temp. Abd. Gas ENHR SIGW Diry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Renetty: Old Well Info as follows:  Operator:  Operator:  Operator:  Operator:  Well Name:  Original Comp. Date:  Original Completion Docket No.  Dual Completion Docket No.  Dual Completion Docket No.  Date Completion Date  Notation Date Reached TD Completion Date Reached TD Completion Date  NSTRUCTIONS: An original and two copies of this form shall be filled with the Kanasa Corporation Commission, 130 S. Market - Room 2078, Witchila, Kanasa 67202, within 120 days of the spud date, recompletion bate  NSTRUCTIONS: An original and two copies of this form shall be filled with the Kanasa Corporation Commission, 130 S. Market - Room 2078, Witchila, Kanasa 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 of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this form (see rule 82-3-107) apply information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this form (see rule 82-3-107) apply information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this form (see rule 82-3-107) apply information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this form (see rule 82-3-107) apply information of side two of this form will be held confidential for a period of 12 months if requested i		NE NEW SESTION 22 - 23 - 10 FI - FI
Purchaser PLAINS MARKETING, INC Operator Contact Person. ROBERT BUKATY Phone: (913)859-0438   Contractor: Name: RIG 6 DRILLING License: 30567 Wellate Geologist: DEAN SEBBER Uclores: 30567 Wellate Geologist: DEAN SEBBER Uclores: 30567 Wellate Geologist: DEAN SEBBER Uclores: 30567 United State of Completion: BARTLESVILLE Usesse Name: PEARSON   Well #: 24  Field Name: BURKETT Field Name: BURKETT Total Deptin: Ground: 1315   Kelly Bushing: Total Deptin: Contact 1315   Septiment of State Operator: Ground: Groun		1270 Sec. 22 Iwp. 23 S. R. 10 P East West
Operator Contact Person: ROBERT BUKATY  Phone: (g13_) 859-0438  Contractor: Name: RIG 6 DRILLING  License: 30567  Wellsite Geologist DEAN SEEBER  Designate Type of Competion:  — New Well Re-Entry Workover  — New Well Re-Entry Workover  — Oil SWD SIOW Temp. Abd.  — Gas ENHR SIOW  Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well Info as follows:  Operator:  — Ordinal Comp. Date: — Ordinal Total Depth: — Despining Re-perf. Conv. to Entr/SWD  — Plug Back Delta No. — Dual Completion Docket No. — Dual Completion Docket No. — Dual Completion Docket No. — Date: — Ordinal Docket No. — Date: — Ordinal One Date Reached TD Completion Date or Recompletion Date  NSTRUCTIONS: An original and two copies of this form shall be filed with the Kanasa Corporation Commission, 130 S. Market - Room 2078, Wichita, Kanasa 67202, within 120 days of the spud date, recompletion bate  NSTRUCTIONS: An original and two copies of this form shall be filed with the Kanasa Corporation Commission, 130 S. Market - Room 2078, Wichita, Kanasa 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 of aids two of this form will be hadd confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality) in vecess of 17 months). One copy of all writen logs and geologist with proportily abandoned wells.  NI requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied to the best of my knowledge.  JOHN W SMITH  Robert P. Bukaty  Notary Public: — ILARCH 22, 2005  — Worker P. Bukaty  Notary Public: State of Kanasas		
Phone: (9.13.) 859-0438 Contractor: Name: RIGG DRILLING Licenses 30567 Wellstle Geologist. DEAN SEEBER  Designate Type of Completion:		
Contractor: Name: RIG 6 DRILLING License: 30567 License: 30567 Besignate Type of Completion:  When Well Re-Entry Workover  New Well Re-Entry Workover  Oil SWD SIOW Temp. Abd.  Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If WorkoverRe-entry: Old Well Info as follows:  Operator:  Designat Type and Completion and the copies of this form shall be filled with the Kansas Corporation Countries of 12 months of 1		
Field Name: BURKETT		(circle one) NE SE NW SW
Wellsite Geologist: DEAN SEEBER  Designate Type of Completion:  Now Well Re-Entry Workover		Lease Name: Well #:
Designate Type of Completion:    New Well		Preducing Formation BARTLESVILLE
Well Mare:  Original Comp. Date:  Other (SWD or Enhr.) Docket No.  Dula Completion Date Reached TD  Other (SWD or Enhr.) Docket No.  Date Reached TD  Supul Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82.3-10/6 and 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of 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 82.3-10/6 and 82.3-10/7 apply). Information of 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 82.3-10/6 and 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of 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 82.3-10/7 apply). Information of side two of this form will be held confidential for a period of 12 months if requested in writing a		Froducing Formation: ————————————————————————————————————
Amount of Surface Pipe Set and Cemented at 202		I
Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-antry: Old Well Info as follows: Operator:	4	
Dry		
If Vorkover/Re-entry: Old Well Info as follows:  Operator:  Well Name:  Original Comp. Date:  Original Comp. D		land land
See   Commission   Composition   Compositi	, ,	If yes, show depth setFeet
Well Name:  Original Comp. Date:  Original College Onter. Sold Unity on the Reserve Pit.)  Original College Onter. Date:  Origina	·	
Original Comp. Date:Original Total Depth:		feet depth tosx cmt.
Original rotal Depth:    Depening	Well Name:	Drilling Fluid Management Plan ALT I WHW /0-/3-06
Plug Back Plug Back Total Depth  Commingled Docket No. Doubletion Docket No.	Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pil)
Plug Back Plug Back Total Depth Docket No. D	Deepening Re-perf Conv. to Enhr./SWD	Chloride content 3000 ppm Fluid volume 500 bbls
Commingled  Docket No.  Dual Completion  Docket No.  Other (SWD or Enhr.?)  Docket No.  Other (SwD or Enhr.)  S. R.  Docket No.  Other (SwD or Enhr.)  S. R.  Docket No.  Other (SwD or Enhr.)  S. R.  Docket No.  Other (SwD or Enhr.)  Docket No.  Other (SwD or Enhr.)  S. R.  Docket No.  County:  Docket No.  Other (SwD or Sub. S. R.  Docket No.  S. R.  Docket No.  Other (SwD or Sub. S. R.  Docket No.  Other (SwD or Sub. S. R.  Docket No.  Other (SwD or Sub. S. R.  Docket No.  County:  Docket No.  S. R.  Docket No.  S. R.  Docket No.  County:  Docket No.  S. R.  East Docket No.  S. R.  Docket No.  S. R.  East Docket No.  S. R.  East Docket No.	Plug BackPlug Back Total Depth	1
Other (SWD or Enhr.?) Docket No.  Oblination Date or Recompletion Date or Recompletion Date or Recompletion Date  NSTRUCTIONS: 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 82-3-103, 82-3-106 and 82-3-107 apply. Information of 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:  JOHN W SMITH  COCTOBER 24, 2001  JOHN W SMITH  COCTOBER P. BUKATY  Notary Public - State of Kansas	Commingled Docket No	
Date	Dual Completion Docket No	
Date	Other (SWD or Enhr.?) Docket No	
Date Reached TD   Date Reached TD   Completion Date or Recompletion Date   County:   Docket No.:	08/13/01 08/18/01 09/13/01	
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 of 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 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:  JOHN W SMITH  COCTOBER 24, 2001  Letter of Confidentiality Attached  If Denied, Yes Date:  Wireline Log Received  Geologist Report Received  UIC Distribution  PARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kansas	Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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 of 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 are complete and correct to the best of my knowledge.  Signature:  JOHN W SMITH  Date:  OCTOBER 24, 2001  Letter of Confidentiality Attached  If Denied, Yes Date:  Wireline Log Received  Geologist Report Received  UIC Distribution  MARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kansas	Recompletion Date Recompletion Date	County: Docket No.:
Signature:	Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs	er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
Date: OCTOBER 24, 2001  Letter of Confidentiality Attached  If Denied, Yes Date: Wireline Log Received  Geologist Report Received  UIC Distribution  PARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kanses	All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Date: OCTOBER 24, 2001  Letter of Confidentiality Attached  If Denied, Yes Date: Wireline Log Received  Geologist Report Received  UIC Distribution  PRESIDENT  Date: OCTOBER 24, 2001  Letter of Confidentiality Attached  If Denied, Yes Date: UIC Distribution  PROBERT P. BUKATY  Notary Public - State of Kanses	Signature: John JOHN	W SMITH KCC Office Use ONLY
Subscribed and sworn to before me this 24 day of OCTOBER  If Denied, Yes Date:  Wireline Log Received  Geologist Report Received  UIC Distribution  Pate Commission Expires: MARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kansas	DDECTMENT	2001
Wireline Log Received Geologist Report Received UIC Distribution Date Commission Expires: MARCH 22, 2005  ROBERT P. BUKATY Notary Public - State of Kanses		Letter of Confidentiality Attached
Lotary Public:  Wate Commission Expires: MARCH 22, 2005  Bate Commission Expires: MARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kanses		1
Date Commission Expires: MARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kansas	( <u>X 200</u> 1	
Date Commission Expires: MARCH 22, 2005  ROBERT P. BUKATY  Notary Public - State of Kansas	Notary Public:	
Notary Public - State of Kansas		
My Appl. Exp. 3/72/pc		plary Public - State of Kenness
		Appl. Exp. 3/22/6 (

The state of the s

Operator Name: VIVA INTERNATIONAL, INC				Leas	_ Lease Name: PEARSON			Well #: 24		
•					ty: GRE	ENWOOD AREA VENT 1				
INSTRUCTIONS: Si tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shu s if gas to	-in pressures, surface test, a	whether a long with	shut-in pre	essure reached	static level, hydro	static pressur	es, bottor	n hole
Drill Stem Tests Take		□ Y	és ☑ No	The second second second second		og Formatio	on (Top), Depth a	nd Datum	<b>V</b> S	Sample
Samples Sent to Ge	ological Survey	Пλ	es 🗹 No		Nam	e		Тор	Top Datum	
Cores Taken	,	Y	es 🔽 No		CHE	ROKEE		2018	-646	
Electric Log Run (Submit Copy)		VY	☑ Yes ☐ No			ARDMORE		2098	098 -726	
List All E. Logs Run:					BAR	RTLESVILLE		2240	-	868
CASED HOLE, I	RADIOACTIVITY	LOG			BAS	SE BARTLES	VILLE	2268	-	896
										***************************************
		Repo	CASING rt all strings set-c		l-marel	ew Used ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
SURFACE	10 5/8	8 5/8		20		202	COMMON	100	2% GEL	
PRODUCTION	7 7/8	5 1/2		15		2237	соммон	250	2% GEL	
			***************************************							
Γ		T	ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD				<b>*************************************</b>
Purpose:         Depth           —— Perforate         Top Bottom           —— Protect Casing         Plug Back TD		Туре	Type of Cement #Sacks		ks Used	s Used Type and Percent Additives				
Plug Off Zone			74-74-4-770 S							
Shots Per Foot			RD - Bridge Plug		e		cture, Shot, Cement		·d	
		Footage of	Each Interval Per	forated		(Amount and Kind of Material Used) Depth				
33 SHOTS	2240-2266						D W/ 250 GA			
					2000# SAND, 200 BBL GELLED WATER  & 100 BBL KCL WATER					
						u 100 BBE 1	COL WATER			
		· · · · · · · · · · · · · · · · · · ·			········		Manual III			
TUBING RECORD Size Set At Packer A 2 7/8 2237				At	Liner Run ☐ Yes ☑ No					
	Production, SWD or E	<del></del>	Producing Meth	od	Flowing	g Pumpin	g Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil 5	Bbls.	Gas	Mcf	Wate	er Bi	ols. G	as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	COMPLETIC	DN .		10	Production Interv	/al	- Andrews		
Vented Sold	Used on Lease umit ACO-18.)		Open Hole Other (Special	fy)	rf. 🔲 C	Dually Comp.	Commingled			

ORIGINAL

### ced Cementing & Acid Company, Inc.

J North Broadway, Suite 3300 Jklahoma City, Oklahoma 73102

(405)-606-8500

003

**Plant Location** 

2510 West 6th Street El Dorado, Kansas 67042 (316) 321-4680

RECEIVED

Viva International, In RCC WICHITA 8357 Melrose Dr. Lenexa, KS 66214 Invoice No. Field Ticket Date

3834 3310 8/24/2001

PO#

VOCOYU

Date o	of Job	County	State		Lease	Well No.	
08/18/01		GW	KS	Pearson		#24	
Size of Casing		Depth Of Well	Depth Of Job	P1u	g Depth	Pressure	
		5-1/2"	2327'		2316'	1000 psi	
Quantity		Description		Unit Price		Total	
	LONGSTR	ING		UOM			
250 sax.	60/40 Poz	mix		sax	4.70	1 175 0	
5 sax.	Ge1			sax	9.50	1,175.00	
255 sax.	<b>Bulk Char</b>	ge		sax	0.89	226.95	
		12.75 tons x .66 x 18 mi.	)		,	151.47	
18 mi.		ck Mileage Charge		mi	2.00	36.00	
1 ea.	5-1/2" Top	Rubber Plug				51.00	
	Cement U	nit				744.10	
		LECE Aug 2	8 200 U				
	Thank you	for your continued bus	siness				
			-		Subtotal	\$2,432.02	
lease Remit To:				Sales Tax	\$ 143.49		
		Broadway, Suite 3300 City, Oklahoma 73102			Total	\$2,575.51	

ms: Net 30 days From Invoice Date. Please Pay From This Invoice

ORIGINAL INVOICE

Com Rod

ed Cementing & Acid Company, Inc.

North Broadway, Suite 3300 klahoma City, Oklahoma 73102

Viva International, Inc.

8357 Melrose Dr.

Lenexa, KS 66214

Customer:

(405)-606-8500

Plant Location

2510 West 6th Street El Dorado, Kansas 67042

(316) 321-4680

RECEIVED

JAN 2 5 2002 KGC WICHITA Invoice No. Field Ticket Date 3817 3328 8/20/2001

PO#

P

100040

					1000		
Date o	S.Joh	County	State		Lease	Well No.	
		GW	KS	Pearson Plug Depth		#24 Pressure	
08/1			Depth Of Job				
Size of	Casing	Depth Of Well	Depth of oco				
8-5/	/8"	202'	202'	Unit Price		Total	
Quantity		Description	UOM UOM				
	SURFACE	PIPE		COM			
100 sax.	Class A Ce	ment		sax	5.70	570.0	
3 sax.	Calcium C			sax	26.00	78.0	
103 sax.	Bulk char	ge		sax	0.89	91.6°	
	Drayage (	MINIMUM CHARGE)			2.00	36.00	
18 mi.	Pump Tru Cement U	ck Mileage Charge		mi	4.00	450.0	
	RECEIVED AUG 2 4 2001						
	Thank you	u for your continued bu	siness				
					Subtotal	\$1,310.6	
lease Rem	it To:				Sales Tax	\$ 77.3	
	100 North	Broadway, Suite 3300			Total	\$1,388.0	

100 North Broadway, Suite 3300 Oklahoma City, Oklahoma 73102

Terms: Net 30 days From Invoice Date. Please Pay From This Invoice

ORIGINAL INVOICE

### RECEIVED

# JAN 2 5 2009 GEOLOGICAL REPORT NCC WICHITA

## Viva International, Inc.

#### #24 Pearson

## 1140fS/1832fW Sec 22-T23S-R10E Greenwood County, Kansas

**COMMENCED:** 

8/13/01

STATUS:

Oil

COMPLETED:

8/18/01

A.P.I. NO:

15-073-23926

**CONTRACTOR:** 

Rig Six Drilling Co.

**OPER LIC:** 

5556

SIZE OF HOLE:

7 7/8

FIELD:

Burkett

SURFACE PIPE:

8 5/8 @ 200'

**ELEVATION:** 

1372

**CEMENTED:** 

135'

**LOGS RUN:** 

None

LONG STRING:

51/2

MUD SYSTEM:

Chemical

**CEMENTED:** 

250 sacks

**OTHER:** 

RTD:

2325

Dean Seeber, Geologist

Elevation	<u>1372GL</u>		
Formation	Tops	<u>Datum</u>	
Cherokee Ardmore Bartlesville Base Bartlesville RTD	2018 2098 2340 2268 2325	(-646) (-726) (-868) (-896) (-953)	
Major Zones of Interest			

Sandstone, grey, fine-grained, micaceous, very shaley, tight, no shows.

2240 - 2250

2222 - 2240

Sandstone, light buff, fine-grained, micaceous, shaley, good fluorescence, fair odor, fair show of free oil.

2250 - 2268

Sandstone, buff, fine-grained, micaceous, cleaner than above, good door, good fluorescence, fair to good show of free oil.

### Summary

Due tot he fair development of Bartlesville sand with oil shows,  $5\frac{1}{2}$ " casing was set to test for production.

Yours sincerely,

Bartlesville

Dean E. Seeber

Petroleum Geologist