

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 8061
Name: Oil Producers, Inc. of Kansas
Address: P.O. Box 8647
City/State/Zip: Wichita, KS 67208
Purchaser: N/A
Operator Contact Person: Diana Richecky
Phone: (316) 681-0231
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: Jon D. Christensen

Designate Type of Completion:
[] New Well [] Re-Entry [] Workover
[] Oil [] SWD [] SLOW [] Temp. Abd.
[] Gas [] ENHR [] SIGW
[] Dry [] Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
[] Deepening [] Re-perf. [] Conv. to Enhr./SWD
[] Plug Back [] Plug Back Total Depth
[] Commingled [] Docket No.
[] Dual Completion [] Docket No.
[] Other (SWD or Enhr.?) [] Docket No.

1/25/2004 2/01/2004 N/A 5.05.04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 077-21470-0000
County: Harper
-se -sw- se Sec. 19 Twp. 32 S. R. 7 [] East [x] West
330 feet from (S) N (circle one) Line of Section
1650 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Mast Well #: 1-19
Field Name: Crystal Springs
Producing Formation: N/A
Elevation: Ground: 1384' Kelly Bushing: 1389'
Total Depth: 4500' Plug Back Total Depth: 4435'
Amount of Surface Pipe Set and Cemented at 266 Feet
Multiple Stage Cementing Collar Used? [] Yes [x] No
If yes, show depth set Feet
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT #1 PAA KGR 5/31/07
(Data must be collected from the Reserve Pit)
Chloride content 156,800 ppm Fluid volume 1,400 bbls
Dewatering method used Hauled to SWD
Location of fluid disposal if hauled offsite:
Operator Name: see note #1
Lease Name: License No.:
Quarter Sec. Twp. S. R. East West
County: Docket No.:

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 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: [Signature]
Title: PRESIDENT Date: 6/23/2004
Subscribed and sworn to before me this 23 day of June

Notary Public: [Signature]
Date Commission Expires: 1/12/2008



KCC Office Use ONLY
[] Letter of Confidentiality Attached
If Denied, Yes [] Date:
[] Wireline Log Received
[] Geologist Report Received
[] UIC Distribution

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Mast Well #: 1-19
 Sec. 19 Twp. 32 S. R. 7 East West County: Harper

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density/Neutron Log, Dual Induction Log, Dual Receiver Cement Bond Log, Sonic Log, Geological Report	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum Sample Name Top Datum see note #2
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CASING RECORD <input checked="" type="checkbox"/> 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		8 5/8"	24#	266'	see note #3	see note	see note #3
Production		4 1/2"	10.5#	4487'	see note #3	see note	see note #3

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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
	see initial completion report		
	4398 - 4401		

TUBING RECORD		Size	Set At	Packer At	Liner Run
N/A					Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
N/A		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 Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Sumit ACO-18.) Other (Specify) _____

Attachment 1 – Mast #1-19

Note 1:

Operator Name: Star Resources

Lease Name: Currier 2-9 License No: 32389
Quarter: E/2 Sec. 20 Twp: 32S R. 18 West
County: Comanche Docket No.: D-27668

Operator Name: Oil Producers Inc. of Kansas

Lease Name: Watson #2 License No.: 8061
Quarter: SW Sec. 8 Twp. 29S R. 15 West
County: Pratt Docket No.: D-24324

Note 2:

Log Formation (Top), Depth and Datum

Name	Top	Datum
Heebner Shale	3300'	-1911'
Douglas Shale	3419'	-2030'
Stalnaker Zone	3700'	-2311'
Kansas City	3861'	-2472'
Stark Shale	4000'	-2611'
Swope	4013'	-2624'
Hertha	4036'	-2647'
Base K.C.	4077'	-2688'
Marmaton	4114'	-2725'
Fort Scott	4251'	-2862'
Cherokee Shale	4259'	-2870'
Mississippi	4397'	-3008'

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Note #3

Surface	Type of Cement	Type and Percent Additives
200 sacks	60/40 Poz	2% gel, 3%cc
Production		
125 sacks	AA-2	2% gel, 4% CFR-3



SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (620) 672-1201
 (620) 672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:		6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208			401068	1/29/04	7781	1/25/04
Service Description						
Cement						
			Lease		Well	
			Mast		1-19	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	L. Urban	B. Drake	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	200	\$7.84	\$1,568.00 (T)
C310	CALCIUM CHLORIDE	LBS	516	\$0.75	\$387.00 (T)
C194	CELLFLAKE	LB	43	\$2.00	\$86.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.25	\$162.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	430	\$1.30	\$559.00
R200	CASING CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC.	EA	1	\$662.00	\$662.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$4,059.50

Discount: \$1,136.66

Discount Sub Total: \$2,922.84

Harper County & State Tax Rate: 5.30% **Taxes:** \$81.13

(T) Taxable Item

Total: \$3,003.97

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.
Date 1-25-04
Customer ID

Subject to Correction

FIELD ORDER 7781

CHARGE

Oil Producers Inc. of Ks.

Lease Mast Well # 1-19 Legal 19-325-7W
 County Harper State Ks. Station Pratt
 Depth 260 Formation _____ Shoe Joint 43.18
 Casing 8 5/8 24" Casing Depth 259 TD 260 Job Type 8 5/8 S.P. NewWell
 Customer Representative Lavon Urban Treater Bobby Drake

AFE Number _____ PO Number _____

Materials Received by X Lavon Urban

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	200sk.	60/40 Poz (Common)	✓			
C310	516lb.	Calcium Chloride	✓			
C194	431b.	Cellflake	✓			
F163	1ea.	8 5/8 Wooden Cmt. Plug	✓			
E107	200sk.	Cmt. Service Charge				
E100	50mi.	UNITS 1-Way MILES 50mi.				
E104	430tm	TONS MILES				
R200	1ea.	EA. 0-300' PUMP CHARGE				
R701	1ea.	Cmt. Head Rental				
		Discounted Price		2922.84		

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TREATMENT REPORT

Customer ID		Date	
Customer <i>Oil Producers Inc. & Ks.</i>		<i>1-25-04</i>	
Lease <i>Mast</i>		Lease No.	Well # <i>1-19</i>
Field Order # <i>7791</i>	Station <i>Pratt</i>	Casing <i>8 5/8 24#</i>	Depth <i>260</i>
Type Job <i>8 5/8 S.P. New Well</i>		County <i>Harper</i>	State <i>Ks.</i>
Formation		Legal Description <i>19-325-7W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft <i>Cmt.</i>		Acid <i>200 sk. 60/40 Pz (Common)</i>	RATE	PRESS	ISIP
Depth <i>260</i>	Depth	From	To	Pre Pad <i>14.7#/gal 1.25 FT³</i>	Max		5 Min.
Volume <i>16.5</i>	Volume	From	To	Pad <i>2% bel 3% lcc 1/4" cell/flake</i>	Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>246</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: *Lavon Urban* Station Manager: *Dave Autry* Treater: *Bobby Drake*

Service Units	<i>105</i>	<i>27</i>	<i>35</i>	<i>71</i>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1530</i>					<i>On location - Safety Meeting</i>
<i>1845</i>					<i>Run Csg. - 16jts. 8 5/8 24#</i>
<i>1930</i>					<i>Csg. On Bottom</i>
<i>1937</i>					<i>Hook Up to Csg. - Break Pipe. w/ Rig</i>
<i>1957</i>	<i>200</i>		<i>10</i>	<i>6.0</i>	<i>H2O Ahead</i>
<i>1959</i>	<i>250</i>		<i>52</i>	<i>5.6</i>	<i>Mix Cmt.</i>
<i>2008</i>					<i>Release Plug</i>
<i>2010</i>	<i>260</i>		<i>15.5</i>	<i>6</i>	<i>Start Disp.</i>
<i>2015</i>	<i>300</i>				<i>Plug Down</i>
					<i>Circulation Thru Job - Circulated</i>
					<i>Cement to Pit</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
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SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				402004	2/5/04	7363	2/2/04
Service Description							
Cement							
				Lease		Well	
				Mast		1-19	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	B. Siroky	T. Seba		New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D105	AA2 (PREMIUM)	SK	125	\$13.74	\$1,717.50 (T)
D203	60/40 POZ (COMMON)	SK	35	\$7.84	\$274.40 (T)
C195	FLA-322	LB	95	\$7.50	\$712.50 (T)
C221	SALT (Fine)	GAL	652	\$0.25	\$163.00 (T)
C243	DEFOAMER	LB	12	\$3.00	\$36.00 (T)
C312	GAS BLOCK	LB	89	\$5.00	\$445.00 (T)
C321	GILSONITE	LB	626	\$0.60	\$375.60 (T)
C244	CEMENT FRICTION REDUCER	LB	42	\$4.50	\$189.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	5	\$67.00	\$335.00 (T)
F120	BASKET, 4 1/2"	EA	1	\$180.00	\$180.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
C303	SUPER FLUSH	GAL	250	\$3.25	\$812.50 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00 (T)
E107	CEMENT SERVICE CHARGE	SK	160	\$1.50	\$240.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.25	\$162.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	373	\$1.30	\$484.90
R209	CASING CEMENT PUMPER, 4001-4500' 1ST 4 HRS ON LOC	EA	1	\$1,764.00	\$1,764.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Cement for production string *Intangibles*

Sub Total: \$9,076.90

Discount: \$2,534.44

Discount Sub Total: \$6,542.46

Harper County & State Tax Rate: 5.30% Taxes: \$235.91

(T) Taxable Item

Total: \$6,778.37

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.
Date 2-2-04
Customer ID

Subject to Correction
Lease MAST ~~129~~
County HARPER
Well # 7-19
State KS
Legal 19-325-7W
Station PRATT

FIELD ORDER 7363

Oil Producers Inc. OF Ks.
Depth 10.5" / FT Formation
Shoe Joint L.O. BAPPE 43.35
Casing 4 1/2 Casing Depth 4467 KTD 4500 Job Type 4 1/2 L.S. NEW WELL
Customer Representative ISRAO STEOKY Treater T. SEBA

AFE Number PO Number Materials Received by X *Taylor Wilson*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-105	125 SKS	AA-2 (PREM)	✓			
D-203	35 SKS	60/40 P02 (COMMON)	✓			
C-195	95 LBS	FLA-322	✓			
C-221	652 LBS	SALT	✓			
C-243	12 LBS	DEFOAMER	✓			
C-312	89 LBS	GAS-BLOK	✓			
C-321	626 LBS	GILSONITE	✓			
C-244	42 LBS	CMT FRICTION REDUCER	✓			
F-100	5 EA	TURBOLIZER 4 1/2	✓			
F-120	1 EA	CMT BOLT "	✓			
F-170	1 EA	L.O. PING BAPPE "	✓			
F-210	1 EA	AUTO FILL FLOOR SHOE "	✓			
C-302	500 GAL	MUD PUSHER	✓			
C-303	250 GAL	SUPER PUSHER	✓			
C-141	2 GAL	CC-1	✓			
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E-107	160 SKS	CMT SEW. CHARGE				
E-100	50 MI	UNITS WAY MILES 50				
E-104	373 TM	TONS MILES				
R-209	1 EA	EA. PUMP CHARGE				
R-701	1 EA	CMT HEAD RENTAL				
				DISCOUNTED PRICES	6,542.46	
				+ TAXES		

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383

TOTAL



TREATMENT REPORT

Customer ID		Date	
Customer D.P.		2-2-04	
Lease MAST		Lease No.	Well # 1-19
Field Order # 7363	Station PRATT	Casing 4 1/2	Depth 4487'
Type Job 4 1/2 L.S. NEW WELL		Formation RTO. 4500	County HARDEE State KS
Legal Description 79-325-7W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 125 SKS AA-2 (Prom)		RATE	PRESS	ISIP
Depth 4487'	Depth	From	To	Pre Pad 10% SALT 5" GILSONITE	Max 5% GAS BKG			5 Min. 322
Volume 70.65	Volume	From	To	Pad .25% CPR	Min			10 Min.
Max Press 2000	Max Press	From	To	Frac 15.4"/GAL 1.35H³	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	35 SKS 60/40 Pz 2% Gel	HHP Used .4% CPR			Annulus Pressure 11.5"/GAL 242H³
Plug Depth 4443.85	Packer Depth	From	To	Flush 20 Bbls KCL 2% 12 Bbls	Gas Volume 6 Bbls S. Flush			Total Load PHASE

Customer Representative BOBO SIBOKU	Station Manager D. ARRY	Treater T. SEBA
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					Called out
15:00					on Loc w/ Tek's SAFETY MTG Ruis 105 IT'S 4 1/2 10.5" CSG SETS FISH: LID PHG 1ST = 43.35 COPS 1-3-5-7-14 OUT BOLT 3 CSG ON BOTTOM TAG DROP BALL Hook up TO CSG! BROKE COIL W/ REG COIL MAR
20:25	300		20	6	START PUMPING PREFLUSHES 20 Bbls 2% KCL
			12		12 Bbls MUD FLUSH
			3		3 Bbls H ₂ O
			6		6 Bbls S. FLUSH
			3		3 Bbls H ₂ O
			6.46	4 1/2	MIX: Pump 15 SKS SCAVANGER @ 11.5"/GAL
			30.05		MIX 1 Pump 125 SKS AA-2 @ 15.4"/GAL
20:50			10	5	SHUT DOWN CHECK PUMP: LINES RELEASE
20:55	200			6	START DISP
	500		61	4	LEFT OUT
21:05	1000		70.65	2	PLUG DOWN GOOD CIRC
21:06	1500				PST up Release: 1/2LD THRU JO3
			20 SKS 60/40 Pz		PLUG & HOLE

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OIL PRODUCERS, INC. OF KANSAS
INITIAL COMPLETION REPORT

WELL - MAST #1-19

LEGAL - 330' FSL & 1650' FEL of SEC. 19-32s-7w in HARPER CO., KANSAS

API # - 15-077-21,470

G.L. - 1384'

K.B. - 5' ABOVE G.L. @ 1389'

SURFACE CSN -

RTD - 4500'

LTD - 4498'

PRODUCTION CSN - 4½", 10.5# @ 4499' w/ 125 SXS.

TOP OF CEMENT - 3950' w/ GOOD CEMENT BONDING.

PBTD - 4435' (ELI CBL 2/23/04)

PERFORATIONS - MISSISSIPPI CHERT - 4398-4401' 4/FT 3/22/04

TUBING IN HOLE - NONE

TUBING SET @ - N/A

AVERAGE TBG JT. - N/A

PUMP RAN - NONE

RODS RAN - NONE

PUMP SET @ - N/A

PUMPING UNIT - NONE

PRIME MOVER - NONE

SURFACE EQUIPMENT - NONE

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2/23/04 ELI WIRELINE ON LOCATION TO RUN CORRELATION BOND LOG.
FOUND TTL DEPTH - 4435'
FOUND TOP CEMENT - 3950' w/ GOOD BONDING.

3/19/04 COMANCHE WELL SERVICE ON LOCATION, RIG UP D-D DERRICK.
SWAB 4½" CASING DOWN TO 3700'.

3/22/04 ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN
MISS CHERT, UTILIZING 32 GRAM EXPENDABLE CASING GUN.
PERFORATE MISS CHERT - 4398-4401' w/ 4 SHOTS/FT.

SWAB WELL DOWN TO TTL DEPTH.
½ HR NATURAL TEST - RECOVERED NO FLUID, NO GAS.

ACID SERVICES ON LOCATION TO ACIDIZE MISS CHERT. PERFS w/ 500
GALS 15% DSFE.

ACIDIZE MISSISSIPPI CHERT AS FOLLOWS:

PUMP 500 GALS 15% DSFE.
LOAD HOLE w/ FIELD BRINE.
PRESSURE TO 1500#, BROKE BACK TO 800#.
DISPLACE ACID @ 2¼ BPM - 800# TO 650#
ISIP - 550#, 5 MIN SIP - 300#
TTL LOAD = 82 BBLS

COMANCHE RIGGED TO SWAB BACK ACID LOAD & TEST MISS. CHERT.

TEST MISSISSIPPI CHERT AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ SURFACE.
SWAB WELL DOWN. RECOVERED 73.48 BBLS.
1 HR TEST - REC. 1.67 BBLS, TRACE OF OIL, 8 MCF GAS TEST
1 HR TEST - REC. 0.83 BBLS, TRACE OF OIL, 8 MCF GAS TEST
1 HR TEST - REC. 0.41 BBLS, TRACE OF OIL, 8 MCF GAS TEST

SHUT WELL IN. SHUT DOWN.

3/24/04 SICP - 890 psi, FLUID LEVEL - HAVE 761' FLUID, 12% OIL.
SBHP - CALCULATES 1350 psi.

ACID SERVICES ON LOCATION TO FRAC MISS. CHERT PERFS w/ 13,000
GALS 25# GEL AND 7500# SAND.

FRAC MISSISSIPPI CHERT PERFORATIONS AS FOLLOWS:

PUMP 4,000 GALS 25# GEL & ESTABLISH INJECTION RATIO
@ 10 BPM - 1350#
PUMP 500# 20/40 SAND @ ½ PPG (1,000 GALS) - 10 BPM - 1370#.
PUMP 2000# 20/40 SAND @ 1 PPG (2,000 GALS) - 10 BPM - 1300#.
PUMP 3000# 20/40 SAND @ 1½ PPG (2,000 GALS) - 10 BPM - 1250#.
PUMP 2000# 12/20 SAND AC-FRAC SAND @ 2 PPG (1,000 GALS) -
10 BPM - 1250#.
DISPLACE SAND TO PERFS w/ 3,000 GALS FLUSH - 10 BPM - 1290#.
ISIP - 900#, 5 MIN SIP - 500#, 10 MIN SIP - 310#, 15 MIN SIP - 215#
TTL LOAD = 310 BBLS

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3/25/04

SICP - VAC., FL. LEVEL - 600' FROM SURFACE.
SBHP - MISS. CHERT CALCULATES APPROX. - 1600 psi.

COMANCHE RIGGED UP 4½" CASING SWAB IN ORDER TO SWAB BACK
FRAC LOAD & TEST MISS. CHERT.

TEST MISSISSIPPI CHERT AFTER FRAC AS FOLLOWS:

1 HR TEST - REC. - 71 BBLs, FL. LEV. - 400' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 60 BBLs, FL. LEV. - 400' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 50 BBLs, FL. LEV. - 800' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 50 BBLs, FL. LEV. - 1000' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 45 BBLs, FL. LEV. - 1500' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 48 BBLs, FL. LEV. - 2000' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 48 BBLs, FL. LEV. - 2500' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 42 BBLs, FL. LEV. - 3100' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 45 BBLs, FL. LEV. - 3100' DN, SLIGHT SHOW GAS
1 HR TEST - REC. - 45 BBLs, FL. LEV. - 3100' DN, SLIGHT SHOW GAS

NOTE: WE HAVE RECOVERED 504 BBLs OF 310 BBL FRAC LOAD. IT IS
DECIDED AT THIS POINT THAT WELL IS NON-COMMERCIAL DUE
TO HIGH WATER VOLUMES AND VERY SMALL SHOWS OF
NATURAL GAS.

WE WILL PLUG THIS WELL AS SOON AS POSSIBLE.

END OF REPORT
BRAD SIROKY

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