

ORIGINAL

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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 # 3295
Name: David W. Clothier
Address 225 N. Market, #333
City/State/Zip Wichita, KS 67202
Purchaser: _____
Operator Contact Person: David W. Clothier
Phone (316) 267-9227

Contractor: Name: Murfin Drilling Company
License: 6033 STATE CORPORATION COMMISSION
Wellsite Geologist: David W. Clothier

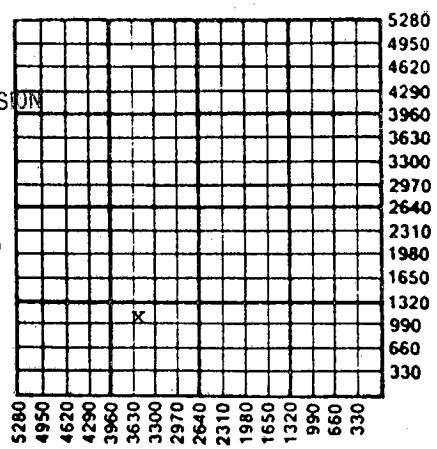
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
02-07-90 02-19-90 02-21-90
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,501-0000
County Thomas
NW SE SW Sec. 14 Twp. 10S Rge. 31W East West
69.90 Ft. North from Southeast Corner of Section
3630 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Shea Well # 1-14
Field Name Wildcat
Producing Formation N?A
Elevation: Ground 2964 KB 2969
Total Depth 4650' PBDT n/a

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Wichita, Kansas



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
A I - II OPA

Amount of Surface Pipe Set and Cemented at 8-5/8 @ 324 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 cont.

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 Jack E. Goss, Agentif/Operator Date 3-29-90
Subscribed and sworn to before me this 29th day of March,
19 90.
Notary Public [Signature]
Melanie Rau
Date Commission Expires 4-18-93

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)



SIDE TWO

Operator Name David W. Clothier Lease Name Shea Well # 1-14
 Sec. 14 Twp. 10S Rge. 31W East County Thomas
 West

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.)

SEE ATTACHED DST DATA

Formation Description		
Name	Top	Bottom
Anhydrite	2538 (+431)	
B/Anhy.	2565 (+404)	
Heebner	3977 (-1008)	
LKC	4000 (-1031)	
Stark	4217 (-1248)	
Cherokee	4505 (-1536)	
Mississippi	4596 (-1627)	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"		324	60/40 Poz	200	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 _____

DAVID W. CLOTHIER
 Independent Petroleum Geologist
 333 Executive Center
 225 N. Market
 Wichita, Kansas 67202

(316) 267-9227

July 17, 1991

Kansas Corporation Commission
 Conservation Division
 202 W. 1st, #200
 Wichita, KS 67202

RE: Drill Stem Test Data -Shea #1-14
 API# 15-193-20,501
 STR 14-10-31W
 County TH

Dear Sirs:

Please attach the following to the ACO-1 for the above referenced Well:

- DST#1, 4030-4065, Strong Blow, bottom of bucket 5"
 Rec - 1200' water. IHP 1976; IFP 50-428#/30";
 ISIP 1277#/45";FFP 436-627#/45"; 1277#/45";
 FHP 1976#.
- DST#2, 4086-4102, weak blow, 1/4" both flows,
 Rec - 10' mud, few oil spots; IHP 1948#;
 IFP 30-30#/30";ISIP 1164#/30";FFP 30-30#/30";
 FSIP 1105#/30";FHP 1938#.
- DST#3, 4178-4270, Fair blow - increased to 5" 1st open;
 fair blow - 2" 2nd open. Rec - 240' GIP;70'
 clean oil;180' oil cut mud(10% oil;90% mud);120'
 sli. oil cut watery mud(2%oil;10% water;88%mud)
 chlorides = 16,000 ppm; IHP 2027#;IFP 70-
 121#/30";ISIP 1154#/45";FFP 152-203#/60";
 FSIP 966#/75";FHP 1988#.
- DST#4, 4264-4292, Weak blow, incr. to 2", 1st flow;
 fair blow incr. to 8", 2nd open; Rec - 600'
 GIP, 90' oil, 120' sli oil cut muddy water(2%
 oil;30% mud;68% water) chl = 32,000 ppm; IHP
 2057#;IFP 40-50#/45";FFP 71-101#/60";FSIP
 1005#/75";FHP 2047#.
- DST#5, 4391-4435, weak blow 1/2" 1st open; no blow 2nd
 open; Rec - 20' mud; IHP 2167#;IFP 40-40#/30";
 ISIP 627#/45";FFP 50-50#/30";FSIP 81#/30";FHP
 2117#.

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Shea #1-14 DST's

page 2

DST#6, 4435-4540, weak blow incr. to 2", 1st op.; fair blow incr. to 4", 2nd op.; Rec - 420' GIP, 30' oil, 120' oil cut mud (5% oil, 95% mud); IHP 2237#; IFP 50-60#/45"; ISIP 193#/45"; FFP 71-71#/45"; FSIP 193#/60"; FHP 2167#.

DST#7 (Straddle), 4084-4118, IF weak blow incr. to 2"; FF weak blow 1"; Rec 420' oil cut mud (5% oil; 95% mud); 120' oil cut wtry mud (5% oil; 45% wtr; 50% mud); IHP 2067#; IFP 91-203#/30"; ISIP 1283#/45"; FFP 233-304#/60"; FSIP 1283#/75"; FHP 2047#/75".

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BJ-TITAN SERVICES COMPANY

INVOICE DATE
02/07/90

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212

PAGE	INVOICE NO.
1	PN102

DAVID W CLOTHIER
225 N. MARKET
WICHITA KS 67202

AUTHORIZED BY
510549

PURCH. ORDER REF. NO.

WELL NUMBER : 14 CUSTOMER NUMBER : 11647000

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
SHEA	15			OAKLEY	3320
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE	
			02/07/90	LAND-CONDUCTOR/SURFACE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100305	1.00	CEMENTING CASING 300 TO 1500 FT.	375.00		375.00
10100310	24.00	PLUS PER FOOT BELOW 300 FT.	0.42		10.08
10109009	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		22.00
10410504	120.00	CLASS "A" CEMENT	6.00	CF	720.00
10415018	80.00	DIAMIX F	3.62	CF	289.60
10415049	516.00	A-7-P CALCIUM CHLORIDE PELLETS	0.33	LB	170.28
10420145	344.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.06	CW	23.22
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00
10880085	200.00	MIXING CUSTOMERS MATERIALS, PER CUB	0.95		190.00
10940101	90.00	DRAYAGE, PER TON MILE	0.70		63.00
SUBTOTAL					1,880.18
DISCOUNT					376.04

D. C. / G
#1900

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ACCOUNT	4.25000% STATE TAX	1504.14	63.93
	1.00000% COUNTY TAX	1504.14	15.05
JUL 18 1991			
CONSERVATION DIVISION Wichita, Kansas			

TAX EXEMPTION STATUS: PAY THIS AMOUNT → 1,583.12



ORIGINAL

15-193-20501-0000 CUSTOMER

INVOICE DATE
02/20/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE	INVOICE NO.
1	QA070

DAVID W CLOTHIER
225 N. MARKET
WICHITA

KS 67202

AUTHORIZED BY
515127

PURCH. ORDER REF. NO.

WELL NUMBER : 1-14

CUSTOMER NUMBER : 11647000

LEASE NAME AND NUMBER SHEA	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME OAKLEY	DISTR. NO. 3320
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 02/20/90	TYPE OF SERVICE LAND-PLUG AND ABANDON	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10109813	1.00	PLUGGING TO ABANDON WITHIN 50 MI RA	370.00		370.00
10109005	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		22.00
10410504	114.00	CLASS "A" CEMENT	6.00	CF	684.00
10415018	76.00	DIAMIX F	3.62	CF	275.12
10420145	9.80	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CW	66.15
10422005	48.00	CELLO FLAKE,	1.27	GL	60.96
10430538	1.00	8-5/8 DRY HOLE PLUG	12.00	EA	12.00
10940101	87.00	DRAYAGE, PER TON MILE	0.70		60.90
10880085	190.00	MIXING CUSTOMERS MATERIALS, PER CUB	0.95		180.50
SUBTOTAL					1,731.63
DISCOUNT					346.32

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ACCOUNT	4.25000% STATE TAX	878.59	37.34
	1.00000% COUNTY TAX	878.59	8.79
		JUL 18 1991	
		CONSERVATION DIVISION Wichita, Kansas	

TAX EXEMPTION STATUS:

PAY THIS AMOUNT

1,431.44