

Operator Name **Robert L. Shaw & Bi-State Oil, Inc.** Lease Name **Steckel Farms** well# **1A** SEC. **5** TWP. **20** RGE. **17** East West

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

Electric Log Tops

Topeka	2674	(- 844)
Heebner	3024	(-1194)
Toronto	3048	(-1218)
Douglas	3059	(-1229)
Iatan	3140	(-1310)
L-KC	3154	(-1324)
BP Conglomerate	3384	(-1554)
Rew Arbuckle	3396	(-1566)
Solid Arbuckle	3404	(-1574)

See attached sheet for Drill Stem Test Info

CASING RECORD <input checked="" 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"	23#	427'	50/50 poz	225	2% gel 3% cc.
Production	7-7/8"	5 1/2"	14#	3474'	50/50pox	125	18% salt .75% Halad 322
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
SEE ATTACHED				SEE ATTACHED			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
		2-3/8"	3470'				
Date of First Production	Producing Method						
3/13/85	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	12 Bbls	MCF	80 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

0110
 0110

Operator: Robert L. Shaw & Bi-State Oil, Inc.
 Lease Name: Steckel Farms
 Well No.: 1A

- DST #1: Interval tested 3142' - 3190'
 Tool opened 12:22 a.m. Tool closed 1:52 a.m.
 IFP 55 FFP 55
 ICIP 55 FCIP 91
 Initial Hydrostatic 1672 Final Hydrostatic 1672
 Well temperature 93 degrees @ 3186'
 Recovered 5' of drilling mud with no shows
- DST #2: Interval tested 3208' - 3233'
 Tool opened 1:45 p.m. Tool closed 3:00 p.m.
 IFP 27 FFP 36
 ICIP 36 FCIP 55
 Initial Hydrostatic 1745 Final Hydrostatic 1726
 Well temperature 89 degrees @ 3229'
 Recovered 40' of gas in pipe; 20' of slightly gas cut mud
- DST #3: Interval tested 3379' - 3407'
 Tool opened 2:00 p.m. Tool closed 3:30 p.m.
 IFP 36 FFP 36
 ICIP 36 FCIP 73
 Initial Hydrostatic 1854 Final Hydrostatic 1836
 Well temperature 94 degrees @ 3403'
 Recovered 20' of slightly oil cut mud - heavily cut mud on top of tool
- DST #4: Interval tested 3378' - 3420'
 Tool opened 3:35 a.m. Tool closed 5:05 a.m.
 IFP 28 FFP 28
 ICIP 28 FCIP 692
 Initial Hydrostatic 1834 Final Hydrostatic 1816
 Well temperature 94 degrees @ 3416'
 Recovered 30' of heavy oil cut mud
- DST #5: Interval tested 3420' - 3432'
 Tool opened 2:40 p.m. Tool closed 4:10 p.m.
 IFP 18 FFP 36
 ICIP 36 FCIP 906
 Initial Hydrostatic 1836 Final Hydrostatic 1818
 Well temperature 95 degrees @ 3428'
 Recovered 5' of free oil; 60' of oil cut thin mud
- DST #6: Interval tested 3445' - 3460'
 Tool opened 2:45 a.m. Tool closed 4:15 a.m.
 IFP 36 FFP 182
 ICIP 109 FCIP 1033
 Initial Hydrostatic 1891 Final Hydrostatic 1836
 Well temperature 101 degrees @ 3456'
 Recovered 470' of muddy saltwater

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JUN 24 1985

CONSERVATION DIVISION
 Wichita, Kansas

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 Lease Name: Steckel Farms
 Well No.: 1A

PERFORATION RECORD

<u>Shots Per Foot</u>	<u>Footage of Each Interval Perforated</u>
2	3415½ - 3417½
2	3404 - 3407
2	3288 - 3294
2	3223 - 3227
3	3177 - 3179

ACID, FRACTURE, SHOT, CEMENT, SQUEEZE RECORD

<u>Amount and Kind of Material Used</u>	<u>Depth</u>
500 gal. 20% MOD 202	3415½ - 3417½
1500 gal. 15% SGA	3415½ - 3417½
3000 gal. 15% SGA	3415½ - 3417½
Squeeze w/ 125 sks 60/40 POZ, 2% gel & 75 sks 60/40 POZ, 2% gel	385 - 417
3000 gal. 15% SGA	3415½ - 3417½
" " "	3404 - 3407
250 gal. 15% NE & 1500 gal. 20% SGA	3288 - 3294
" " " " " "	3223 - 3227
2500 gal. 20% SGA	3223 - 3227
" " "	3177 - 3179
1500 gal. 28% SGA	Arbuckle Zone

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