

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 6827 & 9373  
name Robert L. Shaw & Bi-State Oil, inc.  
address 2770 Bermuda Circle  
City/State/Zip Colorado Springs, CO 80917

Operator Contact Person Robert L. Shaw  
Phone (303) 574-7780

Contractor: license # 5929  
name Duke Drilling Co., Inc.

Wellsite Geologist F. Calvin Jones  
Phone (316) 264-9281

PURCHASER NCRA

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
11-13-84 11-20-84 2/15/85  
Spud Date Date Reached TD Completion Date  
3600 3475  
Total Depth PBDT  
Amount of Surface Pipe Set and Cemented at 400 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15 - 009-23,744 - 0000

County Barton

NW... SW... SW... Sec. 5... Twp. 20... Rge. 12... East West

.990... Ft North from Southeast Corner of Section  
.4950... Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

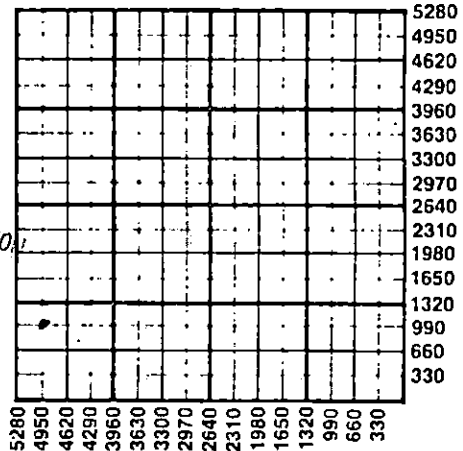
Lease Name Steckel Farms Well# 2A

Field Name Sunny Valley NE

Producing Formation Arbuckle

Elevation: Ground 1822 KB 1827

Section Plat



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JUN 24 1985  
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WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # 84-804  
 Groundwater... 430... Ft North From Southeast Corner and  
(Well) ... 4950... Ft. West From Southeast Corner of  
Sec 5 Twp 20 Rge 12  East  West  
 Surface Water... Ft North From Southeast Corner and  
(Stream, Pond etc.)... Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

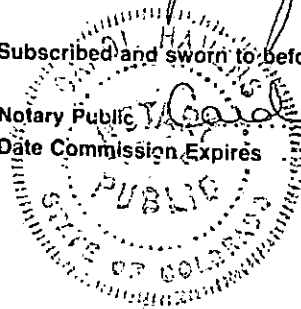
**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.  
Information on side two of this form will 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. 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 Robert L. Shaw V.P.  
Title Agent for Bi-State Oil Operator Date 6-20-85  
Subscribed and sworn to before me this 20th day of June 19 85.  
Notary Public Gard Havers  
Date Commission Expires 8/30/84

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)

Sec. 5 Twp. 20 Rge. 12



Operator Name Robert L. Shaw & Bi-State Oil, Inc. Lease Name Steckel Farms, 2A SEC 5 TWP. 20 RGE. 12  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

Heebner	3021 (-1194)
Toronto	3046 (-1219)
Douglas	3057 (-1230)
Iatan	3139 (-1312)
L-KC	3154 (-1327)
BP Conglomerate	3384 (-1557)
Rew. Arbuckle	Absent
Solid Arbuckle	3403 (-1576)

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	17 1/2"	10-3/4"	32#	400'	50/50 poz	425	2% gel 3% cc.
Production	9-7/8"	7"	29#	3475.48'	Howco Lite pozmix	150 150	18% salt sat.
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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size <u>2-3/8"</u>		set at <u>3471 1/2'</u>		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	Gas	Water	Gas-Oil Ratio	Gravity		
	Tested - Non-Commercial Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  open hole  perforation  other (specify) \_\_\_\_\_

PRODUCTION INTERVAL \_\_\_\_\_

Dually Completed.  Commingled

Operator: Robert L. Shaw & Bi-State Oil, Inc.  
 Lease Name: Steckel Farms  
 Well No.: 2A

PERFORATION RECORD

<u>Shots Per Foot</u>	<u>Footage of Each Interval Perforated</u>
2	3429 - 3430
2	3421 - 3422
2	3411 - 3412
2	3404 - 3405
2	3411 - 3413
3	3421½ - 3423½
2	3290 - 3294
2	3220 - 3225
2	3185 - 3188
3	3177 - 3179
2	2563 - 2571
2	3421 - 3424
2	3411 - 3414
2	3411 - 3414

ACID, FRACTURE, SHOT, CEMENT, SQUEEZE RECORD

<u>Amount and Kind of Material Used</u>	<u>Depth</u>
3000 gal. 15% FE & 6 gal. HC-2	Arbuckle Zone
250 gal. F.E. D.S. & 1000' water	Down Hole
500 gal. 15% MOD 202 & 2 gal. AS-5	3404 - 3405
" " " " "	3411 - 3412
" " " " "	3421 - 3422
" " " " "	3429 - 3430
Squeeze w/ 50 sks common w/ 1.2% HALAD-9	3404 - 3405
75 sks common	3411 - 3412
" " " " "	3421 - 3422
" " " " "	3429 - 3430
250 gal. 15% MOD 202 & 300 gal. 15% MOD 202	3411 - 3413
750 gal. 15% SGA, 300 gal. 15% MOD 202	3411 - 3413
2000 gal. 15% SGA & 100 lb. TLC-80	3411 - 3413
" " " " "	3421½ - 3423½
250 gal. 15% NE & 1500 gal. 20% NE	3290 - 3294
" " " " "	3220 - 3225
4000 gal. 20% SGA	3220 - 3225
350 gal. 15% NE & 4000 gal. 20% SGA	3185 - 3188
" " " " "	3177 - 3179
" " " " "	3290 - 3294
" " " " "	3220 - 3225
500 gal. 15% F.E. D.S.	2563 - 2571
Squeeze w/ 100 sks common (.6% HALAD-9 in 50 sks)	3411 - 3414
500 gal 15% MOD 202	3411 - 3414

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