

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 # 07641
name B&B Drilling
address 21209 n.e. 50th
City/State/Zip Harrah, Okla 73045

Operator Contact Person Bob Jones
Phone (405) 454-2126

Contractor: license # Pherson 5675
name Mc Pherson Drilling

Wellsite Geologist Self
Phone 405 454-2126

PURCHASER A.P.&W energy

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 N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10-30-89 11-1-89 11-18-89
Spud Date Date Reached TD Completion Date

780 764.1
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 20 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set N/A feet

If alternate 2 completion, cement circulated from 0 feet depth to 773 w/ 95 SX cmt

1-29-90

API NO. 15-29,209 0000

County Montgomery

N.W. 1/4 Sec 26 Twp 33 Rge 14 East West

3000 Ft North from Southeast Corner of Section
4000 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

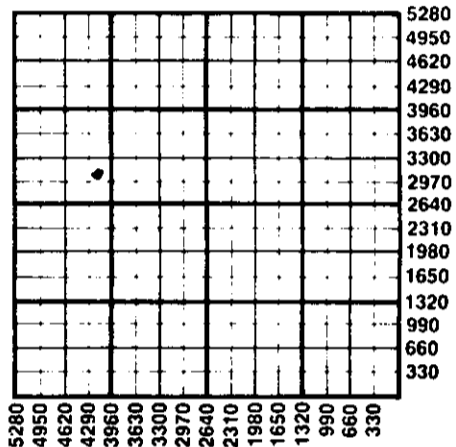
Lease Name Patterson Well# 3

Field Name Wayside-Havana

Producing Formation Wayside

Elevation: Ground 800 KB 806

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner of 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 W. Jones

Title OPERATOR 7641 Date 12/01/90

Subscribed and sworn to before me this 12th day of January 19 90

Notary Public Carol Jones Date Commission Expires 6/1/90

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)

X P1

SIDE TWO

Operator Name B&B Drilling Lease Name Patterson Well# 3 SEC. 26 TWP. 33 RGE. 14 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
Redsand	478	518
No Show		
Waside	699	738
Free Oil	702-710	

CASING RECORD 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
Perforate...	5 1/4	27/8	6.5	773	Portland	95 sk	25% Flow sea

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
1	9 shots 702-710	2 21/8 alum shots	710
		50 gal 15% acid breakdown	
		5 gal ay 15.5 sacks 12-30 sand	
		55 sacks 10-20 sand 20 sacks	8-12
		185 bls water	

TUBING RECORD

size n/a set at n/a packer at n/a Liner Run Yes No

Date of First Production 11-21-89 Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	2bls	1mcf	3bls		29
	Bbls	MCF	Bbls	CFPB	

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)

PRODUCTION INTERVAL

.....702-710.....

Dually Completed.
 Commingled

DRILLERS LOG

S. 26 T 33 R. 14 E
W

API No. 15 - 125 - 29,209
County Number

Loc. SE SW NW

County Montgomery

640 Acres

Operator
B+B Drilling

Address
Rt. 1 Box 65 Harrah, OK. 73045

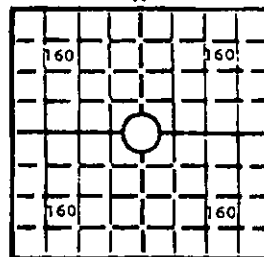
Well No. B-3 Lease Name Patterson

Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor McPherson Drilling Geologist _____

Spud Date 10-30-89 Total Depth 780' P.B.T.D. _____

Date Completed 11-1-89 Oil Purchaser _____



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	9 1/2	6 5/8	20	20'	Portland	5	_____
PRODUCTION	5 1/8	2 7/8	6.5	773'			

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	3	Sand	478	484			
Sand	3	9	Shale	484	492			
Shale	9	14	Sand	492	510			
Lime	14	16	Sandy Shale	510	518			
Shale	16	57	Shale	518	565			
Lime	57	75	Grey Sand	565	570			
Sand	75	86	Shale	570	572			
Sandy Shale	86	105	Grey Sand	572	578			
Shale	105	133	Shale	578	627			
Lime	133	206	Coal	627	630			
Sand	206	209	Shale	630	667			
Shale	209	235	Lime	661	675			
Lime	235	241	Shale	675	699			
Sand	241	254	oil Sand	699	738			
Sandy Shale	254	272	Lime	738	753			
Sand	272	287	Shale	753	756			
Shaley Sand	287	332	Lime	756	768			
Sand	332	347	Shale	768	780			
Sandy Shale	347	350						
Sand	350	367						
Lime	367	375						
Sandy Shale	375	458						
Lime	458	466						
Shale	466	478						

JAN 16 1990

Montgomery County, Oklahoma