Physical Productivity Report to THE STATE CORPORATION COMMISSION

Producer's Legal Name: Standard

Lease Name: Hay[redacted]

Well No.: 5

Pool: Jenter

County: Stephens

Producing Horizon: Arbuckle

Pipe Line Connection: None

Taken: 12-21-65 (Month, Day, 19__) Effective: [redacted] (Day, 19__) Sec. 11 Twp. 2S R. 11-W (Lease Description)

Top Prod. Horizon: 3765 Ft.

Total Depth: 3800 Ft.

Tank No.	Size	Opening Gauge Hr. 0 Min. 1754 Oil Level Ft.	Oil Level In.	B. S. & W. Ft.	B. S. & W. In.	Barrels	Closing Gauge Hr. 0 Min. 1754 Oil Level Ft.	Oil Level In.	B. S. & W. Ft.	B. S. & W. In.	Barrels
Gun Bbl.											
Settling Tank											
Test	210	-	4				3	1			21" 35.86

Runs During Test

Ticket Number	Opening Gauge Ft.	Opening Gauge In.	Closing Gauge Ft.	Closing Gauge In.	B. S. and W. %	Barrels	Time On	Time Off	Seal No. On	Seal No. Off

Best Scanned Copy

Length of Stroke: 24 In. S. P. M.: 15 Total Bbls. Produced = 35 × 3 = 105 Productivity. Tank Tables Used Estimated 1-2-1-66

REMARKS: 7" Csg & 3" tubing

[redacted]

SEALS and U[redacted]

WITNESSIN[redacted] undersigned, personally witnessed the gauging periods as indicated by our signatures, and certi[redacted] are taken according to the Commission's Rules.

Gauge W[redacted]	Opening Gauge	Closing Gauge
For Producer	Clyde	Whetstone
Offset Owner		
For Offset Owner	Chas L Sisler	
For State		

Method of Produc[redacted]

FLOWING

SWABBING

PUMPING— ✓ 1 1/2"

1. Working Bbl.

2. Cor. Pump

Type of Test

TEMPORARY

PERMANENT

FIELD ✓

SPECIAL

Well Spacing: Acres

Ft. From W. Line | Ft. From N. Line

Send ORIGINAL WHITE COPY to OFFICE. Give PINK to PRODUCER. BLUE to last OFFSET WITNESS. YELLOW retained by GAUGER.—REPORT FULLY ANY INCOMPLETED POTENTIAL.

19-5639-O 11-42—12,500 Sets

Oil Potential [redacted] COMMISSION, Conservation Division, 800 Bitting Bldg., Wichita, Kansas

Producer's Legal Name	Lease Name	Well No.	Pool	County	Producing Horizon	Pipe Line (Purchaser)
Stanolind Oil & Gas Co.	C.H. Ha[redacted]	5	Zenith	Stafford	Mo14	Stanolind P.L. Co.

Top Prod. Horizon [illegible] Total Depth 3500' Ft.

Taken [redacted] 1st Day 1941 Effective [redacted] Day 19[redacted] Sec. 11 Twp. 24 R. 11 W Lease Description

		Opening Gauge Hr. 7 Min. 30					Closing Gauge [redacted] 3 Min. 30 P.M.					Runs During Test									
		Oil Level		B.S. & W.		Barrels	Oil Level		B.S. & W.		Barrels	Ticket Number	Opening Gauge		Closing Gauge		B.S. and W. %	Barrels	Time		Seal No.	
Tank No.	Size	Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.			Ft.	In.	Ft.	In.			On	Off	Off	On
Gun Bbl.																						
Settling Tank																						
47345	500	5	6½	0	0		7	10½	0	0	149.85											
47960	500	1	9½	0	0		4	2	0	0	153.90											
47344	500	7	7½	0	0		7	7½	0	0	–											

adjusted to B.W.P = 3000 bbls.

Length of Stroke ____ In. S. P. M. Total Bbls. Produced — 303.75 × 8 — ____ Potential. Tank Tables Used (Estimated) 6.40 Per inch,

REMARKS: drilled deeper from 3765' to 3800' acidized [redacted] 3,000 gal.
taken at restricted rate using Stanolind's [redacted].

SEALS and USE[redacted]

Well Spacing: 20 Acres

WITNESSING: [redacted]ned, personally witnessed the gauging periods as indicated by our signatures, and certify [redacted] taken according to the Commission's Rules.

Gauge Wit[redacted]	Opening Gauge	Closing Gauge
For Producer	Chas E Smith	Chas E Smith
Offset Owner		
For Offset Owner	No Offset	
For State	A D Bryan	A D Bryan

Method of Production [redacted]

FLOWING ✓
SWABBING
PUMPING—
1. Working Bbl.
2. Cag. Pump

Type of Test

INITIAL— 1. ✓ 2. 3.
PERM. EQUIPMENT
FIELD
SPECIAL

Ft. From W. Line: 660 Ft. From N. Line: 990

Send ORIGINAL WHITE COPY to OFFICE. Give PINK to PRODUCER. BLUE to last OFFSET WITNESS. YELLOW retained by GAUGER.—REPORT FULLY ANY INCOMPLETED POTENTIAL.

[illegible] 5-39—12,000 sets

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division, 800 Bitting Bldg., Wichita, Kansas

Producer's Legal Name: Standard Oil & Gas Co. | Lease Name: C.E. Hayes | Well No.: 5 | Pool: Smith | County: Stafford | Producing Horizon: Viola | Pipe Line (Purchaser): Standard

Taken: Month Dec. Day 29 1944 to Effective: Month Dec. Day 5 1944 | Sec. 21 Twp. 24 R 11 E/W | Lease Description | Top Prod. Horizon 3765 Ft. | Total Depth 3800 Ft.

		Opening Gauge					Closing Gauge					Runs During Test										
		Hr. 9		Min. 30 7			Hr. 9		Min. 30 7													
		Oil Level		B. S. & W.		Barrels	Oil Level		B. S. & W.		Barrels	Ticket Number	Opening Gauge		Closing Gauge		B. S. and W. %	Barrels	Time		Seal No.	
Tank No.	Size	Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.			Ft.	In.	Ft.	In.			On	Off	Off	On
Gun Bbl.																						
Settling Tank																						
Test tank		0	0				4	7			86.84											

Length of Stroke 24 In. S. P. M. 14 Total Bbls. Produced = ~~×3~~ 87 bbls. Productivity. Tank Tables Used Estimated 1" = 1.67 Bbls

REMARKS:
Pretest: 24 hrs. pumping
Casing: 7" @ 3740
Tubing: 3"
Water = 0
Gas = 85,754 cu.

SEALS and USES:

Well Spacing: Acres

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses	Opening Gauge	Closing Gauge
For Producer	Don Fleckenger	Don Fleckenger
Offset Owner		
For Offset Owner		
For State	Herman L. Bevan	Herman L. Bevan

Method of Production	Type of Test
FLOWING	TEMPORARY
SWABBING	PERMANENT
PUMPING	FIELD
1. Working Bbl. 2" Dia.	SPECIAL
2. Csg. Pump	

Ft. From W. Line | Ft. From N. Line

Send ORIGINAL WHITE COPY to OFFICE. Give PINK to PRODUCER. BLUE to last OFFSET WITNESS. YELLOW retained by GAUGER.—REPORT FULLY ANY INCOMPLETED POTENTIAL.

19-5639-O 11-42—12,500 Sets

KANSAS CORPORATION COMMISSION

OFFICIAL POTENTIAL TEST

CONSERVATION DIVISION

Company: Lincoln O&G.

Lease: [illegible] Well No.: [illegible]

Pool Name: [illegible]

Producing Formation: [illegible]

Initial: Retest: Field:

Purchaser: Lincoln P.L.

Offset Operator Notified by:

Date of Test: Dec 18th [illegible]

Time Test Started: 7:00 PM 12-18-44

Time Test Completed: 10:30 PM 12-19-44

(Type): Echometer: Depthograph: Bomb: Sonic:

Operated By: H. M. Dunson

Witness (Producer):

Witness (Offset):

Sec. 11 Twp. 24 R. 11 E/W

~~990~~ Ft. From N Line

660 Ft. From W Line

County: [illegible]

"C" STABILIZATION PERIOD—HIGH

No.	Shot time	~~Joints~~ Pounds	Length of stroke	S. P. M.
1	5:00 PM	661	Total liquid produced	Daily rate liquid
2	8:00 AM	655		
3				
3	Hours		7830	62.61

"B" STABILIZATION PERIOD—INTERMEDIATE

No.	Shot time	Joints Pounds	Length of stroke	S. P. M.
1			Total liquid produced	Daily rate liquid
2				
3				
	Hours			

"A" STABILIZATION PERIOD—LOW

No.	Shot time	~~Joints~~ Pounds	Length of stroke	S. P. M.
1	7:30 AM	720	Total liquid produced	Daily rate liquid
2	10:30 AM	719		
3				
3	Hours		32.10	2.59 BBL

EQUIPMENT DATA

Well Depth: 3800 Prod. Form. Dept.: [illegible]

Casing Size: 7" Casing Length: 3740

Tubing Size: 3" Tubing Length: [illegible]

Type Pump: Plunger Size:

No. of Tubing Joints: Ave. Length:

Pump set at: Flowing [illegible]

REMARKS

Gravity:

Acid Treatment: Gals.

Date of acid Treatment:

Load: Oil: Bbls., Butane: Gals., Others:

Last Potential:

Water—B. S.: None

Equipment: Pr. [illegible]

"B" Prod. ~~626~~ — "A" Prod. ~~259~~ = ~~367~~ ÷ "A" F.L. ~~719~~ — "B" F.L. ~~655~~ = ~~64~~

"C" Prod. 626 — "A" Prod. 259 = 367 ÷ "A" F.L. 719 — "C" F.L. 655 = 64 = $\sqrt{5.734}$ = Avg. Index

Avg. Index 5.734 × Form. Depth— "A" Ft. to Fluid 719 + "A" Prod. 259 = 3000 Indicated Maximum

Indicated or Maximum 3000 × $-H_2O$ None 100.00 % % = 3000 POTENTIAL

STATE GAUGER: [illegible]

DATE Dec 19th 1941

TANK NUMBERS 47344 + 50264

"C" PERIOD AT		S. P. M.	STROKES
TIME	GAUGES	PERCENT B. S. & W.	BARRELS
5:00 AM	0-5	~~0-5~~	5.40 Bbls/inch
8:00 AM	1-7½	~~7-7½~~	
	+14.5 inch.		78.30 Bbls

"B" PERIOD AT		S. P. M.	STROKES
TIME	GAUGES	PERCENT B. S. & W.	BARRELS

"A" PERIOD AT		S. P. M.	STROKES
TIME	GAUGES	PERCENT B. S. & W.	BARRELS
7:30 PM	3-11		5.40 Bbls/inch
10:30 PM	4-5		
	+6 inches		32.40 Bbls

TOTAL PRODUCTION TEST AND PRE-TEST

TIME OF GAUGES				BARRELS
12-18-41 7:00 PM	to	12-19-41 5:00 AM	Pre-test	256
5:00 AM	to	10:30 PM	Test	257
			Total	513

Grind-Out Average None percent H_2O

18-8169 4-41—5M

[illegible] OF POTENTIAL TEST

Lease and well No. C. Hayes #5 Date Tested 8-1-41

Date Effective 8-1-41

Static B.H.P. (-1900') 890 Lbs. per sq. in.

Flowing B.H.P. (-1900'),

Fifth Hour 757

Sixth Hour 751

Seventh Hr 751

Eighth Hr. 744

Total 3003 Average 751 lbs. per. sq. in.

B.H.P. Draw down 139 lbs. per sq. in.

Production last four hours 164.66 barrels of oil.

Daily producing rate 6 X 164.66 = 988 bbls. oil/day.

% available pr. used $\frac{890 - 751}{890 - 300} = \frac{139}{590} = 23.56$ %

23.56 % of available pressure = 29.0 % of pot. cap. (State Graph)

POTENTIAL PRODUCTION

24 hour production rate 988

% of potential capacity 29.0 $\frac{988}{.290}$ = 3407 Indicated Capacity.

Subject to state correction 3000 Maximum Allowed.