

RYAN CONSOLIDATED PETROLEUM CORPORATION



New Well Completion Record and Related Data									
District <u>South Central Kansas</u>			Lease <u>Hunsaker</u>		Acres <u>160</u>		Well No. <u>4</u>		
State <u>Kansas</u>		County <u>Cowley</u>		Sec. <u>13</u>		Township <u>30S</u>		Range <u>5E</u>	
Well Location <u>SE 1/4 NW 1/4 NE 1/4</u>			Selected by Whom <u>Vic E Baum</u>			AFE No. <u>333</u>		Elevation <u>1350.50'</u>	
Reference Stake <u>2"x6" cemented 3' in ground, 75' SW of Well</u>									

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Pmp'g Derrick <u>None</u>	DF to Bottom	Kelly Bshg. Above RTT <u>.58'</u>
All Meas. From <u>DF</u>	of Cellar <u>7.62'</u>	Drlg. Contr. <u>Big West</u>
DF above Grd. <u>3.00'</u>	RTT Above DF <u>1.08'</u>	Price per Ft. <u>\$2.75</u> Oil payment
Drlg. Commenced (R) <u>1/13/41</u>	Drlg. Completed (R) <u>1/26/41</u>	Days Drlg. (R) <u>14</u>
Drlg. Commenced (CT) <u>1/28/41</u>	Drlg. Completed (CT) <u>2/10/41</u>	Days Drlg. (CT) <u>14</u>
C. O. Commenced <u>2/11/41</u>	C. O. Completed <u>2/18/41</u>	Days C. O. <u>8</u>

Rotary From <u>0</u>	To <u>2832</u>	Cable Tool From <u>Plug</u>	To <u>2840 1/2</u>	Method of Completion <u>CT #32</u>
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VERTICAL TESTS		SIZE HOLE DRILLED		Formation Record	
Depth	Degree	Depth	Diam.	Producing Formation (Name)	
250	1/2	175	11	Top of Pay <u>2822</u>	Remarks: (Specify any Breaks in Producing Formation) <u>No saturation indicated in core frm 2813-2822</u> <u>***Underdug 2820-2840 1/2 w/ Boe "Pay" underdigger</u>
500	0	169	11 7/8	Bottom of Pay <u>2840 1/2</u>	
1000	0	2814	9 7/8	Thickness <u>18 1/2</u>	
1250	1	2820 **	7 7/8	Total Depth <u>2840 1/2</u>	
1500	1	2834	12	Plugged Back	
2000	1	2840 1/2	9 1/2		
1750	1/2			Materials Lost and Left in Well	
2250	1				
2500	1/2				

Date		Size	Wt.	Thds.	MAKE	Pipe Seat (From Derrick Floor)	Csg. (Top) Collar Below D. Floor	Casing Mea. Less Thds.	Landing Nipple Above R. T. T.
1/15/41	13-3/8	54	8V	Smls C2		168.77	6.36	162.41	7.07
1/25/41*	7	24	10	LW C2		2813.17	4.68	2808.49	11.51
		22	8 R	Smls new					

Remarks: *7"OD 24# 10 thd LW x 487.52' (23 pcs) / 7"OD x 1.09' 10 thd #11BHG7 Baker guide shoe new / 7"OD x 1.42' 10 thd #202 HJBR310% Baker float collar new (on btm & 1 jt frm btm respt) / 7"OD x 2314.02' (53 pcs) 22# 8R thd Range 3 Nat'l Tube Smls new / 7"OD x 4.44' 10 thd 24# C2 pup jt on top, giving string total lgth 2808.49'. Btm 10 cplgs & shoe welded.

CASING CEMENTING RECORD									
Date	Size	Sacks Used	Kind	Plug Left At	Cement Found in Pipe At	Top of Cement Behind Casing	Cemented By	REMARKS:	
1/15/41	13-3/8	75	Atlas Com.	167	165		HOWCO		
		50	Atlas H-E						
1/26/41	7	115	Atlas Com.	2794	2791		"		
		35	Atlas H-E					Is Bottom of Cellar Cemented? <u>Yes</u>	

Remarks:

RYAN CONSOLIDATED LUMBER CORPORATION LINER RECORD

Date	Size	Wt.	Length	SET		Top of Liner Up Inside Casing	Cemented (Sacks)	REMARKS: (Give Details as to Shoes, Perforations, Hanger, etc., and how placed)
				From	To			

Remarks:

BRADENHEAD RECORD									
Date	Make	Size	Type	Kind	OUTLETS			Top Below Derrick Floor	REMARKS:
					No.	Size	Thd.		
1/25/41	American Mfg Co	13 3/8 x 7 x 8 1/2	120A	FS	2	3	8V	5.30	

INITIAL SHOT RECORD									
Date	Number Quarts	SHELLS:		Top of Shot	Bottom of Shot	Length Anchor	Make of Bomb	Shot By	REMARKS:
		No.	Size & Diam. or Dump						
2/11/41	25	1	4"x4'	2823	2838	2' 6"	Zero Hr 120	US Gly Co	Csg oksh
	42	1st	Dump						
	45	2nd	Dump						
	45	3rd	Dump						

INITIAL ACID RECORD									
Date	Quantity (Gallons)	Formula	Acidized By	Formation Treated			Pump Pressure		REMARKS:
				From	To		Start	Finish	

WORK SUBSEQUENT TO COMPLETION (Date of Work Only)

Shots	Drilled Deeper	Cleaned Out	Cemented (P. B.)	Acidized	Abandoned	REMARKS:

Remarks:

Date First Production

LEGEND { (1) Natural, Before Acid or Shot
(2) After Acid or Shot
(3) Officially Reported
(4) Routine

WELL RECORD

WELL NO. 4

LEASE Hunsaker

COMPANY Ryan Consolidated Pet. Corp.

ACRES 160

RECORD COMPILED 2/21/41

19 BY C Walling

SEC 13

TWP 308

RGE 5E

COUNTY Cowley

STATE Kansas

SURVEY

BLOCK

SECTION

LOCATION SE 1/4 NE 1/4 NE 1/4

STAKED BY

DATE

19

ELEVATION

1350.50' DF

RIG COMMENCED

19

COMPLETED

19

CONTR.

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	1/13/41	1/26/41	0	2832	Big West
CABLE	1/28/41	2/18/41	Plug	2840 1/2	ROPC Unit Rig 32

COMPLETION METHOD

Cable Tool

PRODUCTION DATA

Initial State Potential pmpd w/ Unit #32 for 1 hr and 15 min., 011
15.40 bbls, Str, 0; 26" Stroke, 24 RPM- Feb. 14, 1941

GAS WELL SHUT-IN PRESSURE

VOLUME

M. CU. FT.

(1)

CASING AND TUBING RECORD

SIZE HOLE DRILLED	DEPTH	CASING SIZE	WT.	THDS.	MAKE, TYPE, GRADE, NEW, USED	CASING POINT	PULLED	LEFT IN	CEMENT		REMARKS
									SACKS	ESTIMATED TOP	
11 IN.	175	13 3/8	54	8V	Smle C2	168.77	None	162.41	125	FT.	HOWOO job
17 1/4	169	7	24-22	10 & LW C2, Smle	2813.17	"	2808.49	150		"	"
9 7/8	2814	"		8 R	new					"	
7 7/8	2820	"								"	
12	2834									"	
9 1/2	2840 1/2	"								"	
		"								"	
		"								"	

(2) ACIDIZING RECORD

DATE	
QUANTITY (GALS.)	
MAX. TUB. PR.	
MAX. CAS'G PR.	
BLANKET	
HOURS	
METHOD	

(3) PRODUCING METHODS

WELL FLOWING NATURAL FROM	19	TO	19	
PRODUCED BY GAS LIFT	IN. TUBING FROM	19	TO	19
OTHER LIFTS				
PUT ON JACK/BEAM/UNIT				
				19

(4) SAND RECORD

NAME	TOP	BOTTOM	THICKNESS	CONTENT	COLOR, HARD OR SOFT
Bartlesville	2822	2840 1/2	18 1/2		
OIL BEFORE					
OIL AFTER					
WATER BEFORE					
WATER AFTER					
DONE BY					

(CONTINUED)

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STANDARD FORM [399] IN STOCK AND FOR SALE BY
MIDWEST PRINTING CO., TULSA

WELL RECORD—(Continued)

5)

TORPEDO RECORD

[illegible]

6) SWABBING RECORD

FROM	TO
1. [Illegible text]	1. [Illegible text]
2. [Illegible text]	2. [Illegible text]
3. [Illegible text]	3. [Illegible text]
4. [Illegible text]	4. [Illegible text]
5. [Illegible text]	5. [Illegible text]
6. [Illegible text]	6. [Illegible text]
7. [Illegible text]	7. [Illegible text]
8. [Illegible text]	8. [Illegible text]

(7) PLUG BACK RECORD

[illegible]

8) PACKERS

[illegible]

(9) CLEAN-OUT RECORD

[illegible]

10) DEFLECTION

[illegible]

(11) PLUGGING RECORD

[illegible]

WELL RECORD--(Continued)

WELL NO. 4

LEASE Runsaker

(12) ADDITIONAL INFORMATION

Underlying formation 2820-2840 with Ros*Pay*Underdigger

Pulled one (1) 18' core, 2814-2832; see Core Lab Analysis covering

Hole surveyed by Schlumberger

(13) MATERIAL LOST IN HOLE

(14)

WELL LOG

FORMATION	FROM	TO	NO. OF FEET	DRILL. TIME	FORMATION	FROM	TO	NO. OF FEET	DRILL. TIME
Line	0	121	121						
Sand	121	129	8						
Line	129	380	251						
Line & shale	380	525	145						
Shale	525	605	80						
Shale & shells	605	1140	535						
Line	1140	1325	185						
Line & shale	1325	1505	180						
Line	1505	1630	125						
Shale & line	1630	1852	222						
Sandy line & shale	1852	2015	163						
Shale	2015	2030	15						
Line	2030	2050	20						
Shale & line	2050	2194	144						
Line	2194	2420	226						
Line & shale	2420	2647	227						
Line	2647	2660	13						
Shale & line	2660	2784	124						
Shale	2784	2813	29						
Sand	2813	2839	26						
Sand & shale	2839	2840 $\frac{1}{2}$	1 $\frac{1}{2}$ TD						

District South Central / Kansas Lease Hunsaker Acres 160 Well No. 4
State Kansas County Cowley Sec. 13 Township 30 Range 5 AFE No. 333
Well Location _____ Selected by Whom _____ Elevation 1350.50
Reference Stake 75' South west from well - Top Derrick foot measurement

Pmp'g Derrick	DF to Bottom	Kelly Bshg. Above RTT
All Meas. From DF	of Cellar 7.62'	Drig. Contr. Big whet
DF above Grd.	RTT Above DF 1'1"	Price per Ft.
Drig. Commenced (R) 1-13-41	Drig. Completed (R)	Days Drig. (R)
Drig. Commenced (CT)	Drig. Completed (CT)	Days Drig. (CT)
C. O. Commenced	C. O. Completed 3	Days C. O.

Rotary From		To		Cable Tool From		To		Method of Completion
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VERTICAL TESTS		SIZE HOLE DRILLED		Formation Record			
Depth	Degree	Depth	Diam.	Producing Formation (Name)		Remarks: (Specify any Breaks in Producing Formation)	
		169.89'	17 3/4"	Top of Pay	2,814'	2-11-12 Shale or Other No. 123 14-4-12	
				Bottom of Pay	2,840'		
				Thickness	0026'		
				Total Depth	2,840'		
				Plugged Back	None		
Materials Lost and Left in Well							
LEFT AT				Cemented	Description:		
				(Yes or No)			
From		To					

Date		Quantity (Gallons)		Formula		As Mixed By		Portion Used		Pump Pressure	
Date		Quantity (Gallons)		Formula		As Mixed By		Portion Used		Pump Pressure	
Date		Quantity (Gallons)		Formula		As Mixed By		Portion Used		Pump Pressure	
1-15-41	13 3/8	54	8V	Matl tube	168.77'	6.36'	162.41'	none			

Remarks:

CASING CEMENTING RECORD

Date	Size	Sacks Used	Kind	Plug Left At	Cement Found in Pipe At	Top of Cement Behind Casing	Cemented By	REMARKS:
1-15-41	13 3/8	125 90 35 <u>125</u>	Hi early common	2794'	2992	?	Hico	Is Bottom of Cell Cemented?

Remarks:

7" o.d. Set X 2,813'1" down

187185

RYAN CONSOLIDATED CORPORATION LINER RECORD

Date	Size	Wt.	Length	SET		Top of Liner Up Inside Casing	Cemented (Sacks)	REMARKS: (Give Details as to Shoes, Perforations, Hanger, etc., and how placed)
				From	To			
APR 10 1933	Well No. 1							

Remarks: Top Derrick foot broken - 28' below top of hole

Date	Make	Size	Type	Kind	OUTLETS			Top Below Derrick Floor	REMARKS:
					No.	Size	Thd.		
	American	13 3/8" x 2"	120 A	F.F.	2	3	8		

Date	Number Quarts	SHELLS		Top of Shot	Bottom of Shot	Length Anchor	Make of Bomb	Shot By	REMARKS:
		No.	Size & Diam. or Dump						
1-9-41	135		5 1/2" x 11"	2,823'	2,838'	2'6"	Zero 120m. U.S. Glynn		

Date	Quantity (Gallons)	Formula	Acidized By	Formation Treated		Pump Pressure	
				From	To	Start	Finish

Remarks: 1-12-41 12:48 PM

WORK SUBSEQUENT TO COMPLETION

(Date of Work Only)

Shots	Drilled Deeper	Cleaned Out	Cemented (P. B.)	Acidized	Abandoned

Remarks: 1-12-41 12:48 PM