

RYAN CONSOLIDATED PETROLEUM CORPORATION



New Well Completion Record and Related Data

District South Central Kansas Lease E L Hunsaker Acres 160 Well No. 3

State Kansas County Cowley Sec. 13 Township 30S Range 5E AFE No. 280

Well Location NW/4 NW/4 NE/4 Selected by Whom Vic E Baum Elevation 1342.8 DF

Reference Stake 2" LP cemented SE of hole, 64' (Top of stake is DF top)

Pmp'g Derrick <u>None</u>	DF to Bottom	Kelly Bshg. Above RTT <u>7"</u>
All Meas. From <u>DF</u>	of Cellar <u>7.42'</u>	Drlg. Contr. <u>Big West</u>
DF above Grd. <u>3.00'</u>	RTT Above DF <u>1' 1"</u>	Price per Ft. <u>\$2.75</u>
Drlg. Commenced (R) <u>8/13/40</u>	Drlg. Completed (R) <u>8/24/40</u>	Days Drlg. (R) <u>12</u>
Drlg. Commenced (CT) <u>9/ 1/40</u>	Drlg. Completed (CT) <u>9/14/40</u>	Days Drlg. (CT) <u>14</u>
C. O. Commenced <u>None</u>	C. O. Completed <u>None</u>	Days C. O. <u>None</u>

Rotary From Surface To 2847 Cable Tool From 2847 To 2838 Method of Completion CT

VERTICAL TESTS		SIZE HOLE DRILLED		Formation Record	
Depth	Degree	Depth	Diam.	Producing Formation (Name)	Remarks: (Specify any Breaks in Producing Formation)
250	1	98	17 1/4	<u>Bartlesville Sd (Burbank)</u>	
500	1	2797	9 7/8		
775	1	2847	7 7/8		
1000	1				
1370	1				
1500	1				
1770	0				
2000	0				
2250	1				
2500	0				

Materials Lost and Left in Well		
LEFT AT	Cemented (Yes or No)	Description:
From	To	

CASING RECORD								
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.
8/14/40	13 3/8	54	8V	LW C2	96.45	7.20	89.25	18.01
8/24/40	7	22	8R	Nat'l Smls New	2767.50	5.47	2762.03	23.01

Remarks: 13 3/8 = 4 pcs; 7" = 89 pcs

CASING CEMENTING RECORD								
Date	Size	Sacks Used	Kind	Plug Left At	Cement Found in Pipe At	Top of Cement Behind Casing	Cemented By	REMARKS:
8/14/40	13 3/8	80	Incor-Ash Grove	92	91		HOWCO	
8/24/40	7	100*	Ash Grove		#See below		HOWCO	

Is Bottom of Cellar Cemented? Yes

Remarks: *4 sx aquagel added. #Plg found 9/2/40 w/ bailer at 2600'; w/ tools at 1529, floating

RYAN CONSOLIDATED MINING 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			
8/24/40	120A	308	308	Black	308	308	308	...

Remarks: 25' LP cemented SE of hole, 64' (Top of stake in DT log)

Date	Make	Size	Type	Kind	OUTLETS			Top Below Derrick Floor	REMARKS:
					No.	Size	Thd.		
8/24/40	American Mfg Co	13 3/8x7	120A	FS	2	3	8V	6.07	Outlets plgd w/ 2, 3" 8 thd std SS plated BP's new

Date	Number Quarts	SHELLS		Top of Shot	Bottom of Shot	Length Anchor	Make of Bomb	Shot By	REMARKS:
		No.	Size & Diam. or Dump						

Date	Quantity (Gallons)	Formula	Acidized By	Formation Treated		Pump Pressure	
				From	To	Start	Finish
10.18.01	89.25	7.20	...	...	...	...	...
10.23.01	275.03	2.47	...	...	...	...	...

INITIAL ACID RECORD

WORK SUBSEQUENT TO COMPLETION (Date of Work Only)									
Shots	Drilled Deeper	Cleaned Out	Cemented (P. B.)	Acidized	Abandoned	Casing Cementing Record			
						Date	Shoes Used	Kind	Plug Left At
						8/24/40	100% Ash	grove	25
						8/24/40	80	grove	25

Remarks: 25' LP cemented SE of hole, 64' (Top of stake in DT log)

Production Test Record

Date First Production _____

COMPLETION (1)	Date	Corrected Gravity at 60 Degrees	PRODUCTION			Static Pres.	Draw Down Btm. Hole Pres. Bomb	FLOWED		SWABBED	METHOD PUMPED					Duration Hours	
			Barrels		Cu. Ft. Gas			Pressure (Pounds)			Lath. Stroke	SPM	Size Tbg.	Size Rds.	Plgr. Diam.		Pump Cap. 24 Hrs Less Stretch
			Oil	Water				Csg.	Tbg.								
COMPLETION (1)	9/6/40	41-42*	109.57	64.26						X	(Fl level held @ 1800' for duration of swb test) *41 API, 2812-2821; 42 API 2822-2845, according Core Lab					8	
POTENTIAL (2)	9/6/40 10/6/40		66.99 1543.00	0		976	DD			X		2	5&3	1 3/4		1 B/D	
ROUTINE (4)	4/2/41 3 4 5 7 8 9		**169.07 147.84 173.41 100.48 138.41 145.14 120.30	20.00 48.00 52.00 50.00 45.00 49.00 42.00	187.9 183.1 182.4 160.5 169.2 161.5 170.4	G/O-R 1111/1 1238/1 1052/1 1597/1 1222/1 1113/1 1416/1					20	16	2	5&3	1 3/4	21 24 24 23 24 24 24	
			**Started up after having been dwn 15 consecutive days, 10:00 AM														

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

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

WELL RECORD—(Continued)

5)

TORPEDO RECORD

DATE	QUARTS	LIQUID OR GELATINE	FROM	TO	SHELLS			ANCHOR	BOMB	OIL		WATER	
					NO.	SIZE	LENGTH			BEFORE	AFTER	BEFORE	AFTER

6) SWABBING RECORD

FROM	TO

(7) PLUG BACK RECORD

DATE	MATERIAL USED	FROM	TO	REMARKS
5/1/40	Bagle load Wool 1250'	2847	2850	New Total Depth

8) PACKERS

(9) CLEAN-OUT RECORD

DATES	DEPTHS	BAILER OR TOOLS	RESULTS

10) DEFLECTION

DEPTH	ANGLE	V. CORR.

(11) PLUGGING RECORD

START	19	FINISH	19
GIVE RECORD OF PLUGS DRIVEN, CEMENT, ROCK, ETC., MUD AND HOW PLACED, AND ALL PIPE LEFT IN HOLE. (USE NEXT PAGE IF NECESSARY.)			

(CONTINUED)

6) SWABBING RECORD
 7) PLUG BACK RECORD
 8) PACKERS
 9) CLEAN-OUT RECORD
 10) DEFLECTION
 11) PLUGGING RECORD

WELL RECORD--(Cont. ed)

WELL NO. 8

LEASE # 1, Hunter

(12) ADDITIONAL INFORMATION

Cored from 2797-2847. A analysis & Interpretation by Core Laboratories, Dallas, Tex their file PL 5-183, dated 8/25/40.

REMARK by Vic E. Deun, Gen'l Supt- This core was cracked from 2797-2822, with no slippage indicated in crack.

(13) MATERIAL LOST IN HOLE

(14)

WELL LOG

FORMATION	FROM	TO	NO. OF FEET	DRILL TIME	FORMATION	FROM	TO	NO. OF FEET	DRILL TIME
Collar	0	7	7		Sandy shale	2510	2560	50	
Line	7	131	124		Line	2560	2575	15	
S shale & shells	131	315	184		Brkn line	2575	2585	10	
Line & shale	315	482	167		Shale & shells	2585	2730	145	
Shale & shells	482	678	196		Shale & sandy shale	2730	2732	2	
Shale	678	985	307		S sand	2732	2801	69	
Brkn line	985	1040	55		Shaly sand(no sat)	2801	2802	1	
Shale	1040	1130	90		Sand	2802	2805	3	
Line	1130	1182	52		Shly sd (no sat)	2805	2822	17	
Line & shale	1182	1323	141		Sand	2812	2813	1	
Shale & shells	1323	1460	137		Shly sd (no sat)	2813	2814	1	
Line	1460	1523	63		Sand	2814	2824	10	
Shale	1523	1550	27		Shly sd (no sat.)	2824	2825	1	
Sand	1550	1525	75		Sand (good sat.)	2825	2836	11	
Shale & line	1525	1690	65		Sd, showing wtr	2836	2847	11	
Shale & shells	1590	1645	55						
Line & shale	1645	1945	300						
Shale & shells	1945	2180	235						
L line (K.C)	2180	2272	92						
Brkn line	2272	2304	32						
Line	2304	2435	131						
Brkn line	2435	2510	75						

NOTE: See Items 7 & 12

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			

Remarks: _____

BRADENHEAD RECORD

Date	Make	Size	Type	Kind	OUTLETS			Top Below Derrick Floor	REMARKS:
					No.	Size	Thd.		
8-24-40	American Well Co. of Texas	13 3/8" x 7"	La.	Fig. 120	2	3"	8V	6.07	Plugged outlets with 2 Caswell flat plugs.

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						

INITIAL ACID RECORD

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

WORK SUBSEQUENT TO COMPLETION

(Date of Work Only)

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

Remarks: _____