

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			
APR 1941	W 11 1/2		80					South Central Kansas State of Kansas County Cowley Vic T. Harris

Remarks:

DR to Bottom	DR to Bottom	DR to Bottom	DR to Bottom	DR to Bottom	DR to Bottom	DR to Bottom	DR to Bottom	DR to Bottom
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BRADENHEAD RECORD

Date	Make	Size	Type	Kind	OUTLETS			Top Below Derrick Floor	REMARKS:
					No.	Size	Thd.		
6/19/40	American Mfg Co	13 3/8 x 7	120A	FS	2	3	8	6.67	Rotary from surface

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						
6/28/40	40 1/2 LNG	5 1/2	5' 2", 2	2775	2785	2'	Zero Hr	American Gly	Tamped w/ ls, sd, calseal & oil
10/24/40	150SNG	Dumped		2786	2809	10'	Zero Hr	American Gly	

INITIAL ACID RECORD

Date	Quantity (Gallons)	Formula	Acidized By	Formation Treated		Pump Pressure	
				From	To	Start	Finish
12.28	24.17	6.30	90.47	MAKES	8V	8 3/8	6/19/40
12.28	27.88	2.25	272.88	MAKES	10V	7	6/19/40

WORK SUBSEQUENT TO COMPLETION
(Date of Work Only)

Shots	Drilled Deeper	Cleaned Out	Cemented (P. B.)	Acidized	Abandoned	REMARKS:	
						Date	Quantity
	HOWCO	Surface	87	80	8 3/8	7	6/19/40
	HOWCO	Surface	272	100	7	7	6/19/40
	HOWCO	Surface	272	100	7	7	6/19/40

Remarks: 12 3/8 = 3 per w/ vector for shoe, welded
7 = 125 per w/ vector for shoe, welded

Production Test Record

Date First Production

Date	Corrected Gravity at 60 Degrees	PRODUCTION			Static Pres.	Draw Down Btm. Hole Pres. Bomb	FLOWED		SWABBED	METHOD PUMPED						Duration
		Barrels		Cu. Ft. Gas			Pressure (Pounds)			Lgth. Stroke	SPM	Size Ibg.	Size Rds.	Plgr. Diam.	Pump Cap. 24 Hrs Less Stretch	
		Oil	Water				Csg.	Tbg.								
7/14/40		76.00	0					X							12 Hr	
7/19/40		328.26	7.7						28	20	2	3&5	1 3/4	198	24 Hr	
10/6/40					468											
3/17/41		29.71	0	13.2	G/O-R				30	16	2	3&5	1 3/4		24 Hr	
18		29.71	14.90	14.7	444/1										24 Hr	
19		29.71	16.00	13.6	497/1										24 Hr	
					459/1											

COMPLETION (1)
COMPLETION (2)
POTENTIAL (3)
ROUTINE (4)

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

LEGEND

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

WELL RECORD (Continued)

WELL NO. 8

LEASE *Quinta Creek*

(12) ADDITIONAL INFORMATION

Rotary lost returns completely at 1355' (1 1/2" mud lost from 1355-1360') - mixed 4 size balls
 Rotary lost returns at 2774'; recovered in 30 minutes - mixed 6 size balls

(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	8	8		Shale	2485	2555	70	
Surface clay	8	15	8		Line	2555	2594	39	
Line	15	100	85		Brin line	2594	2658	64	
Line & shale	100	358	258		Shale	2658	2774	116	
Line	358	500	142		Sandy shale	2774	2781	7	
Shale & shells	500	510	10		Sand	2781	2785	4	
Line	510	590	80		Sand & shale	2785	2787	2	
Line & shale	590	1025	435		Sand	2787	2819	32	TD
Shale	1025	1105	80						
Line w/ strike shale	1105	1250	145						
Line	1250	1325	75						
Shale	1325	1420	95						
Brin line	1420	1490	70						
Brin line shale	1490	1505	15						
Shale & shells	1505	1620	115						
Brin line	1620	1659	39						
Shale & shells	1659	2180	521						
Line	2180	2240	60						
Brin line shale	2240	2270	30						
Line	2270	2420	150						
Brin line	2420	2475	55						
Line	2475	2485	10						

RYAN CONSOLIDATED PETROLEUM CORPORATION



New Well Completion Record and Related Data

District: S. central Lease: Synthia couch Acres: 80 Well No.: 3
 State: Kans. County: Cowley Sec.: 13 Township: _____ Range: 5 AFE No.: 251
 Well Location: 990' F.M. S. 1/4, 2990' F.M. E. 1/4 Selected by Whom: _____ Elevation: 1319
 Reference Stake: Top of north East of well

Pmp'g Derrick	DF to Bottom	Kelly Bshg. Above RTT
All Meas. From <u>D.F.</u>	of Cellar <u>8-65 FT.</u>	Drlg. Contr. <u>Big W.M.T.</u>
DF above Grd. <u>2-95 FT.</u>	RTT Above DF <u>12"</u>	Price per Ft. _____
Drlg. Commenced (R) <u>6-8-40</u>	Drlg. Completed (R) <u>6-28-40</u>	Days Drlg. (R) <u>18</u>
Drlg. Commenced (CT) <u>6-23-40</u>	Drlg. Completed (CT) <u>7-12-40</u>	Days Drlg. (CT) _____
C. O. Commenced _____	C. O. Completed _____	Days C. O. _____

Rotary From 0 To 2774 Cable Tool From 2774 To 2819 Method of Completion C.T.

VERTICAL TESTS		SIZE HOLE DRILLED		Formation Record	
Depth	Degree	Depth	Diam.	Producing Formation (Name)	Remarks: (Specify any Breaks in Producing Formation)
		<u>100</u>	<u>17 1/4"</u>	<u>Bartholomew Sand</u>	
		<u>2774</u>	<u>9 7/8"</u>	<u>stopped in sand</u>	
		<u>2819</u>	<u>6 1/4"</u>		
				Materials Lost and Left in Well	
				LEFT AT	Cemented
				From	To
				(Yes or No)	Description:

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.
<u>6-9-40</u>	<u>13 3/8</u>	<u>54</u>	<u>8 V</u>	<u>Smp. C-2</u>	<u>90-67</u>	<u>4-50</u>	<u>84-17</u>	<u>19-65</u>
<u>6-19-40</u>	<u>7"</u>	<u>24</u>	<u>10 V.</u>	<u>L.W. C-2</u>	<u>2754-96</u>	<u>6-</u>	<u>2748-96</u>	<u>13-26</u>

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:
<u>6-9-40</u>	<u>13 3/8</u>	<u>59</u>	<u>Smp. atfas</u>			<u>84-17</u>	<u>Howco</u>	
<u>6-19-40</u>	<u>7</u>	<u>50</u>	<u>Smp. atfas</u>			<u>400 ft.</u>	<u>Howco</u>	Is Bottom of Cellar Cemented? <u>yes</u>

Remarks: _____

BYAN CONSOLIDATED CORPORATION LINER RECORD

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INITIAL SHOT RECORD

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INITIAL ACID RECORD

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