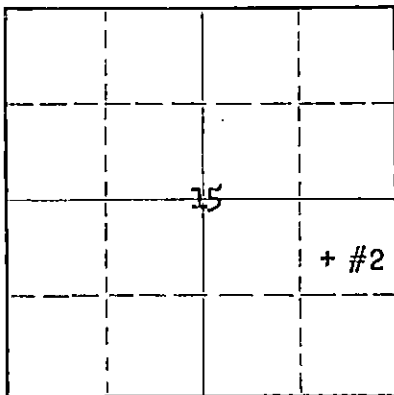


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bitting Building  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Barton County, Sec. 15 Twp. 19S Rge. 14 (E) 14 (W)  
Location as "NE/CNW/SW" or footage from lines NE SE SE; 990 PNL 990 FEL of SE/4  
Lease Owner Magnolia Petroleum Company  
Lease Name Adelia ESSMILLER Well No. 2  
Office Address Box 900, Dallas, Texas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed 9-26 19 52  
Application for plugging filed 8-3 19 56  
Application for plugging approved via telephone 8-3-56 8-6 19 56  
Plugging commenced 8-3 19 56  
Plugging completed 8-5 19 56  
Reason for abandonment of well or producing formation Well drld dry & held for SWDW; well not needed for SWDW & no work-over possibilities  
If a producing well is abandoned, date of last production Dry Hole 19       
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well R. M. Brundege  
Producing formation None Depth to top      Bottom      Total Depth of Well 3615 Feet  
Show depth and thickness of all water, oil and gas formations. 3302' PB

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
None				10 3/4"	880	None
				5 1/2"	3621	2320

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from      feet to      feet for each plug set.

Move in Casing Pulling Unit, rigged up;  
plug back w/sd fr 3302' PB to 3280', dump  
5 sx cmnt; pull 5 1/2" csg, mudded to 330',  
set 10' rock bridge, mix & dump 20 sx cmnt,  
mudded to 30', set 10' rock bridge, mix &  
dump 10 sx cmnt to base of cellar.

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Ace Pipe Pulling Company  
Address Great Bend, Kansas

STATE OF KANSAS COUNTY OF BARTON, ss.  
R. G. Brannin (employee of owner) ~~owner or operator~~ of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) [Signature]  
Box 770, Great Bend, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 20th day of August, 19 56  
Warriett J. Kaiser Notary Public.

My commission expires 1-11-57

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DIVISION  
8-21-56

PLUGGING  
FILE SEC 15 T 19 R 14W  
BOOK PAGE 86 LINE 31

WELL LOG

15.009.06233.00.00

Adelia ESSMILLER #2 P & A  
 NE SE SE Sec 15-19S-14W  
 Barton County, Kansas  
 Alefs Field

Elevation: 1881' KB  
 Total Depth: 3302' PB

Location Staked	8-29-52	L C Case & Tom Reagan, MPCo Civil Engr	
Spud Date	9-2-52	Ben F. Brack Oil Co., Wichita, Kansas	9:30 PM
Drilling Completed	9-14-52	"	3615'
Completion Date	9-26-52	Drilled Dry & Temp Abd	
Commenced Plugging	8-3-56	Ace Pipe Pulling Co., Great Bend, Kansas	
Completed Plugging	8-5-56	"	3:00 PM

Casing Record: (overall length)

10 3/4" 28.52# .250" WT Armco Slip Jt Rge 3 Class 1	Put In: 880'	Pulled: None	Left In: 880'
5 1/2" 14.0# J-55 8rd Thd SS Rge 2 Class 1	Put In: 3621	Pulled: 2320'	Left In: 1301'

Formation Record:

Formation	From	To	Formation	Depth	Sub-Sea	Source
Surface Clay	0	20	Heebner	3123	-1242	Samples CAM
Sand	20	32	Toronto	3140	-1259	"
Shale	32	75	Lansing	3225	-1344	"
Shale & Shells	75	315	Penn. Congl.	3455	-1574	"
Shale & Sand	315	370	Arbuckle	3585	-1704	"
Shale & Shells	370	695	Rotary Total Depth	3615	-1734	
Shale & Lime	695	820				
Shale	820	825				
Anhydrite	825	838				
Shale & Shells	838	1245	Heebner	3121	-1240	Schlumberger
Shale & Lime	1245	1850	Toronto	3139	-1258	"
Lime	1850	1995	Lansing	3225	-1344	"
Shale & Lime	1995	2845	Congl.	--	--	
Lime	2845	3529	Arbuckle	3585	-1704	"
Conglomerate	3529	3585				
Lime	3585	3615 TD				

Drill Stem Tests:

#1, 9-12-52, 3376-88' op hole test w/tool @ 3376, tool op 1 hr recov 8' RM, sl stn oil BHP 0#

Perforations:

- #1, 3387-99' w/47 15/32" bullets, acid w/1000 & w/4000 gal, swb 2 1/2 BSWPH w/SO 12 hr
- #2, 3352-60' w/24 15/32" bullets, swb 2 1/2 BSWPH w/scum oil, LW bridge plug drld to 3561'
- #3, 3350-60' w/40 15/32" jets, acid w/1000, swb 1 BSWPH - NO
- #4, 3313-32' w/72 15/32" bullets, bailed 1/2 BSWPH, NO in 6 hrs
- #5, 3290-98' w/24 15/32" bullets, bailed 3 BSWPH, NO - temp abd - final PB @ 3302'

Core Record: (Rotary Samples Only)

3234-38, rotary samples 3240-45, ls crm to tan granular, trace of fine p&p por & lt stn of oil  
 3290-98, rotary samples 3300-06, lime, wh colitic & colocastic, por, sp. stn of oil in top of break  
 3376-88, ls, white, dense, very sp. vug & colocastic por, dead black stn, sme lt live oil in wet samples, tested by DST  
 3390-95, rotary samples 3400-05, ls. crm & tan, dense, very sp. colocastic & trace of stn

Acid Record:

9-19-52, acid perf 3387-99' w/1000 gal, 1550#-1150#, 84 BLW, test 1 GO & 40 GWPB for 3 hrs  
 9-20-52, acid perf 3387-99' w/4000 gal, 1150#-850#, 85 BLW, test 12 hrs 2 1/2 BSWPH w/show oil  
 9-25-52, acid perf 3350-60' w/1000 gal, 1800#-1200#, 85 BLW, test 1 BSWPH, NO

**PLUGGING**  
 FILE SEC 15 T 19 R 14W  
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 Kansas

Summary of Operations:

(1) Drilling and Exploratory Operations Performed:

- 9-2-52 Spudded 9:30 PM
- 9-4-52 Set 10 3/4" csg @ 837' w/500 sx cmnt circ
- 9-12-52 DST #1
- 9-15-52 Set 5 1/2" csg @ 3590' w/250 sx cmnt
- 9-18-52 Ran GR-N log
- 9-19-52 Perf #1, acid #1
- 9-20-52 Acid #2
- 9-21-52 Perf #2, Squeeze #1
- 9-23-52 Perf #3
- 9-25-52 Acid #3
- 9-26-52 Perf #4 & #5 - Temp Abd

(2) Completion Operations Performed: None - well drld dry & temp abd

Plugging Record:

Plugging Commenced: 8-3-56 Ace Pipe Pulling Co.,  
 Plugging Completed: 8-5-56 (3:00 PM) Great Bend, Kansas  
 History of Plugging: Move in Casing Pulling Unit, rigged up; plug back w/sd fr 3302' to 3280', dump 5 sx cmnt; pull 5 1/2" csg; mudded to 330', set 10' rock bridge, mix & dump 20 sx cmnt, mudded to 30', set 10' rock bridge, mix & dump 10 sx cmnt to base of cellar. Plugging & mudding supervised by R. M. Brundege, State Corp Comm District Plugging Supervisor.

Supervised By: W. J. Poindexter, MPCo Production Foreman

gr

**PLUGGING**  
 FILE SEC 15 T 19 R 14 W  
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