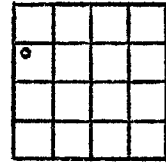


Company- CITIES SERVICE OIL CO.  
Farm-Essmiller "B" No. 9

29-21-13W  
SEC. 29 T. 21 R. 13W  
NW SW NW  
990' N & 330' E of W/4c

Total Depth. 3714 PBDT 3643  
Comm. 3-27-53 Comp. 4-13-53  
Shot or Treated.  
Contractor. Holm Drilling Co.  
Issued. 5-30-53

County Stafford  
KANSAS



CASING:

8 5/8 set at 363' w/ 250 sx cement  
5 1/2 set at 3711' w/ 150 sx cement

Elevation. 1911

Production Pot. 3000 BO.,  
0.2% water.

Figures indicate Bottom of Formations.

clay	30
sand	125
sand & shale	220
sand	290
shale	364
red bed	800
anhydrite	825
shale & shells	1035
salt & shale	1200
shale & shells	1730
lime & shale	2350
shale & shells	2590
lime & shale	3100
lime	3261
lime & shale	3388
lime	3624
chert	3655
chert & lime	3665
lime	3693
lime & shale	3715
RTD 3715---SIL 3712	
lime	3714
Total Depth	
TOPS: (corr.)	
Brown lime	3342
Lansing	3353
Conglomerate	3606
Viola	3612
Simpson	3664
Arbuckle	3710
Penetration	4

FILLUP:

114' oil in 1 hr. 20 min.  
194' oil in 1 hr. 50 min.  
1184' oil in 16 hrs.  
1450' oil in 22 hrs.

Perf. 56 shots 3532-46  
193' oil in 1 hr. 10 min.  
513' oil in 2 hrs. 15 min.  
Perf. 70 shots 3510-27  
1113' oil in 3 hrs. 40 min.

Acidized 1500 gals 3532-46  
1500 gals 3510-27

WELL RECORD

29-21-13W

Company Cities Service Oil Company Well No. 9 Farm Essemiller "B"  
 Location 990' North and 330' East of W/4 Cor. Sec. 29 T. 21 R. 13W  
 Elevation 1911 (1909 Gr.) County Stafford State Kansas  
 Drlg. Comm. March 27, 1953 Contractor Holm Drilling Company  
 Drlg. Comp. April 13, 1953 Acid 3000 gals. (Leg.-K. C.) 4-16-53  
 T. D. 3714' Initial Prod. B.H.P. Gauge Potential: 3000 oil, 0.25 water, 24 hrs.  
 P.B.T.D. 3643' Ind. Cap. 3641 bbls. per day  
(4-21-53)

CASING RECORD:

8-5/8" @ 363' cem. 250 sx cement  
 5-1/2" @ 3711' cem. 150 sx cement

FORMATION RECORD:

clay	0-30
sand	125
sand & shale	220
sand	290
shale	364
red bed	800
anhydrite	825
shale & shells	1035
salt & shale	1200
shale & shells	1730
lime & shale	2350
shale & shells	2590
shale & lime	2745
lime & shale	3100
lime	3261
lime & shale	3388
lime	3624
chert	3655
chert & lime	3665
lime	3693
lime & shale	3715
lime	3715 RTD = 3712 SLM
lime	3714 T. D.

Corr. Brown Limestone	3342'
Corr. Lansing	3353'
Corr. Conglomerate	3606'
Corr. Viola	3612'
Corr. Simpson	3664'
Corr. Arbuckle	3710'
Penetration	4'
Total Depth	3714'

Fillup:

114' oil in 1 hr. 20 mins.  
 194' oil in 1 hr. 50 mins.  
 1184' oil in 16 hrs.  
 1450' oil in 22 hrs.

Set Lane-Wells plug at 3651; 1 sack cement on plug; P. B. T. D. 3643 S. L. 1

Perf. 56 shots 3532-46  
 193' oil in 1 hr. 10 mins.  
 513' oil in 2 hrs. 15 mins.  
 Perf. 70 shots, 3510-27  
 1113' oil in 3 hrs. 40 mins.

4-16-53 Ag. 1500 gals. 3532-46  
 " Ag. 1500 gals. 3510-27

SYFO: 500' 0°  
 1000' 1°  
 1500' 1°  
 2000' 1°  
 2500' 1°  
 3000' 2°  
 3500' 0°

RECEIVED  
 STATE CORPORATION COMMISSION

JUN 27 1989

CONSERVATION DIVISION  
 Wichita, Kansas

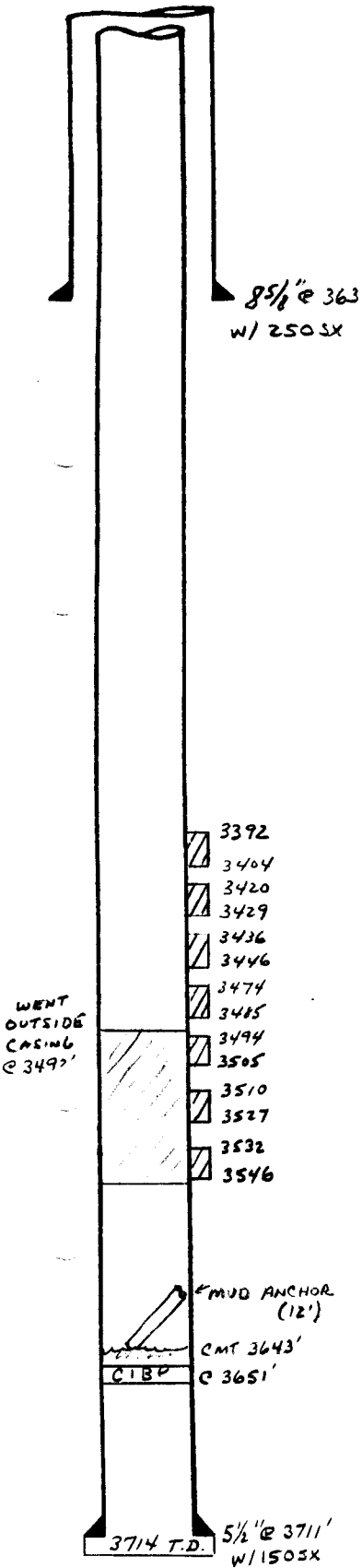
JUN 27 1989

KANSAS GEOLOGICAL SURVEY  
 WICHITA BRANCH

29-21-13W

WELL HISTORY SHEET

Well Name & No.: PUNDSACK UNIT #409  
 Location: NW SW NW Section 29 T 21S R 13W  
 County: STAFFORD State: KANSAS  
 Elevation - RKB: 1911 GL: \_\_\_\_\_ Date Completed: 4-13-53  
 Initial Production & Zone: \_\_\_\_\_ Top: \_\_\_\_\_  
 Current Producing Formation: \_\_\_\_\_ Top: \_\_\_\_\_  
 Current Production: \_\_\_\_\_ BOPD \_\_\_\_\_ BWPD \_\_\_\_\_ MCFPD  
 Well Cumulative Production: \_\_\_\_\_ BO \_\_\_\_\_ BW \_\_\_\_\_ MCF  
 Lease Production: \_\_\_\_\_ BOPD \_\_\_\_\_ BWPD \_\_\_\_\_ MCFPD  
 Casing Record: 8 5/8" 28# @ 363' w/250 SX  
5 1/2" 14# J-55 @ 3711' w/150 SX  
 Total Depth: 3714 PBTD: 3643 DV: \_\_\_\_\_  
 Top of Cement - Long String: EST - 2850 TOC-DV: \_\_\_\_\_  
 Logs Run: \_\_\_\_\_



WELL HISTORY:

COMPLETION - 4/53 - SET CIBP ABOVE ARBUCKLE, OPEN LKC.

4/77 - PULL T&G. LOST 12' MUD ANCHOR.

10/82 - ATTEMPT TO OPEN ARBUCKLE. SQZ LKC PERFORATIONS USING 300 SX. WENT OUTSIDE OF CASING WHILE DRILLING OUT CEMENT SQUEEZE AT 3492'

STATE OIL AND GAS COMMISSION

JUN 27 1989

CONSERVATION DIVISION  
Wichita, Kansas

Future Remedial: \_\_\_\_\_  
Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_