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Form ACO-1 (5-86)

Operator Name Conoco Inc. Lease Name M. E. Watkins Well # 7Sec. 2 Twp. 11S Rge. 18 ☐ East ☒ West County Ellis

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☒ Yes ☐ No

See Attached

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	1318'	
Hubner	3166'	
Lansing K.C.	3209'	
Base K.C.	3447'	
Simpson	3452'	
Arbuckle	3526'	
T.D.	4035'	

CASING RECORD ☐ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	9 5/8"	40#	1286	Poz	250	
Production	8 3/4"	7"	20#	3591	Portland	835	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD			
Size	Set At	Packer at	Liner Run ☐ Yes ☐ No
3 1/2"	2798'	3565'	

Date of First Production	Producing Method				
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

COMPANY: Continental Oil Company

LEASE: Watkins #7

2529 ft from the North Line
1650 Ft from the West Line of
Sec 2, Twp 11S, Rge 18W
Ellis County, Kansas.

ELEVATION: 1976 N. B.

NOTE: All meas Rotary Bushings

0	40 Clay, Postrock
40	240 Blue Shale
240	550 Shale & Shells
550	600 Redbed & Shale
600	630 Sand
630	650 Sand
650	760 Shale & Hard sand
760	945 Sand
945	1040 Shale, Redbed & Shells
1040	1286 Redbed & Shale
1286	1318 Anhydrite
1318	1480 Shale & Shells
1480	1830 Shale & Shells
1830	1880 Lime & Shale
1880	1900 Lime & Shale
1900	1930 Lime
1930	1995 Lime & Shale
1995	2175 Lime & Shale
2175	2265 Shale & Lime
2265	2300 Lime
2300	2325 Lime & Shale
2325	2350 Lime
2350	2450 Shale & Lime
2450	2575 Shale & Lime
2575	2680 Shale & Lime
2680	2755 Shale & Lime
2755	2800 Lime & Shale
2800	2835 Lime
2835	2930 Shale & Lime
2930	2985 Shale & Lime
2985	3005 Lime
3005	3060 Lime
3060	3095 Lime
3095	3130 Lime
3130	3190 Lime
3190	3235 Lime
3235	3279 Lime
3279	3288 Lime
3288	3300 Lime

3300	3309 Lime
3309	3354 Lime
3354	3375 Lime
3375	3383 Lime
3383	3392 Lime
3392	3408 Lime
3408	3410 Lime
3410	3420 Lime
3420	3439 Lime
3439	3452 Simpson Lime & Shale
3452	3498 Lime
3498	3526 Lime
3526	4035 Arbuckle
4035 (Total Depth)	

COMMENCED: 2-17-53

COMPLETED: 3-13-53

CASING RECORD:

9 5/8 Surface Casing set at 1286' w/500
sacks of Cement by Halliburton.

7" Casing set at 3617' with 25' above K. B
Cemented w/4505 sacks cement by Halliburton

D.S.T. by Johnston Testers

3351-3383 Tool open 10 min. B.H.P. 15 min
Miarun.

3351-3383 Tool open 1 Hour. Recovered 945'
Muddy salt water 15 min B.H.P. 1200# F.P. 225

3403-3410 Tool open 1 hour Recovered 30' of
Rotary mud. 15 min. B.H.P. 0

3496-3518 Tool open 1 hour 8 minute weak blow
Recovered 6' of Rotary mud. 15 min B.H.P. 0

3527-3549 Tool open 1 hour weak blow for 11
minutes. Recovered 10' of Drilg. Mud. 15 min
B.H.P. 190#

Cored:

3279-3309, 3356-3383, 3392-3408, 3410-3439,
3498-3518, 3518-3548, 3549-3563, 3563-3575.
Schlumberger Log run to T. D.

TOPS:

Anhydrite	1318	(658)
Rebner	3166	(-1190)
Lansing K. C.	3289	(-1233)
Rose K. C.	3447	(-1471)
Simpson	3452	(-1476)
Arbuckle	3526	(-2059)
Total Depth	4035	(-2059)

Company Geologist.

STATE OF KANSAS) SS
COUNTY OF ELLIS)

I hereby certify that the above and foregoing is a true and correct copy of the log
of the well known as 7 S. & W. located 2529 Ft. from the North Line, 1650 Ft. from the West
Line, Sec 2, Twp 11S, Rge 18W, Ellis County, Kansas.

CONTRACTOR: Strain Drilling Company

By: T. C. Strain
T. C. Strain

Subscribed and sworn to before me this 16th day of March 1953.
My Commission Expires March 26, 1956

Michael Schneider
Notary Public.