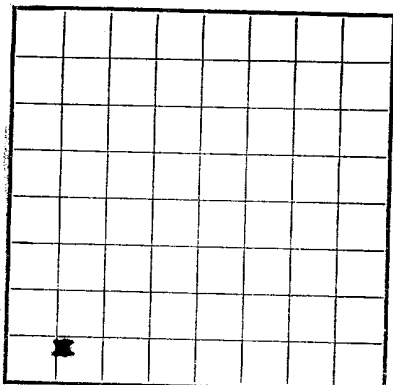


U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

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UNITED STATES

DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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SEP 30 1960

D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688 - Hobbs, N. M.

Lessor or Tract U. S. A. Woolley Field Wildcat State New Mexico

Well No. 1 Sec. 21 T. 17-SR. 30-S Meridian NMPM County Hddy

Location 660 ft. N. of 8 Line and 660 ft. E. of W. Line of Sec. 21 Elevation 3637
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____ Title Petroleum Engineer

Date September 26, 1960

The summary on this page is for the condition of the well at above date.

Commenced drilling June 4, 1960 Finished drilling August 19, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6750 to 6830 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13-3/8</u>	<u>49</u>	<u>8</u>	<u>55</u>	<u>442</u>	<u>Plug</u>				<u>Surface</u>
<u>8-5/8</u>	<u>32</u>	<u>8</u>	<u>55</u>	<u>442</u>	<u>Plug</u>				<u>Intermediate</u>
<u>5-1/2</u>	<u>17</u>	<u>8</u>	<u>55</u>	<u>442</u>	<u>Plug</u>				<u>Oil string</u>
Remarks on Attached Sheet.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>462</u>	<u>280 + 4 1/2 Gal</u>	<u>Pump & Plug</u>		
<u>8-5/8</u>	<u>4003</u>	<u>2289 Pcs - 100 Reg.</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>6943</u>	<u>600 50-50 Pcs.</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 22, 1960 Put to producing August 24, 1960

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 44

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Back pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____
H. I. Jones _____
Driller _____
Driller _____

FORMATION RECORD

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GEOLOGICAL SURVEY
SEP 10 1930

0321 03 032

100-443887-1

1. LEFW 242 510 JIC 70 201

[illegible]

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[illegible]

OIL OR GAS SANDS OR ZONES

(3) all 2000 dollars.

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____

IMPORT AND EXPORT DUTIES

No. 9, from _____ to _____
No. 10, from _____ to _____
No. 11, from _____ to _____
No. 12, from _____ to _____

CASING RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail all material used, position, and results of pumping or draining. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or draining. If the well has been dynamited, give date, size, position, and amount of dynamite used. If there were any changes made in the casing, state nature and date of change. If there has been any change in the location of the well, state the reasons for the work and its result.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

100-443887-10

STUDYING AND COMPLETING PHASE

Journal Article

1997-1998

Deed of 1874

... 1970 ...

22

2000

PLUGS AND ADAPTERS

... argued

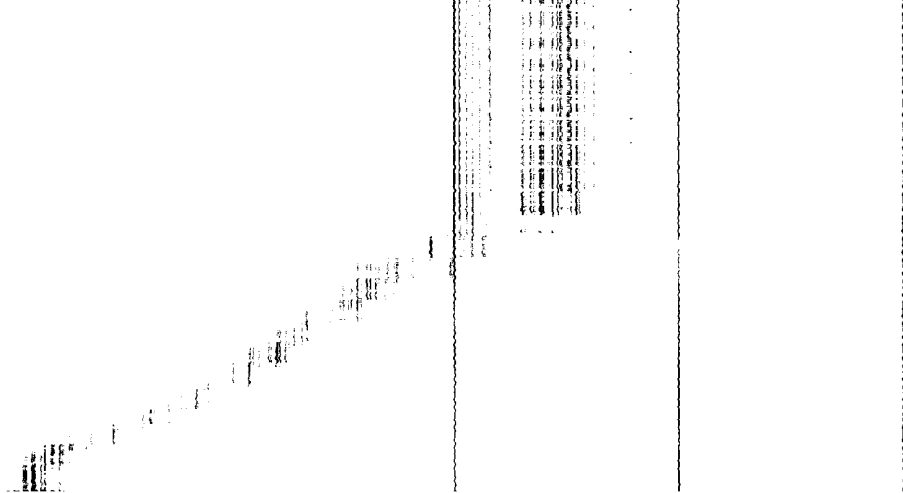
1990

1

Product Sheet No. 19-D-2552

ADAM

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SEP 2 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED
SEP 30 1960

LOG OF OIL OR GAS WELL

O. C. C.
ARTESIA, OFFICE

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date September 20, 1960
The summary on this page is for the condition of the well at above date.
Commenced drilling June 4, 1960 Finished drilling August 19, 1960

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 6750 to 6890 ----- No. 4, from ----- to -----
 No. 2, from ----- to ----- No. 5, from ----- to -----
 No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

CASING RECORD									
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	104	8	1-35	449	Float				Surface Intermediate Oil String
8-5/8	32 1/2	8	1-35	440	Float				
5-1/2	17 1/2	8	1-35	425	Float				
REMARKS ON ATTACHED SHEET.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
19-3/8	462	280 + 4 1/2 Gal	Pump & Plug		
8-5/8	4003	2289 Pcs - 100 Reg.	Pump & Plug		
5-1/2	6943	600 50-50 Pcs.	Pump & Plug		

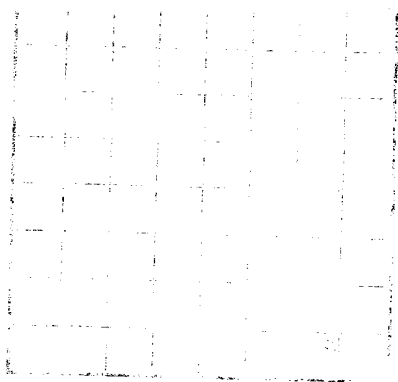
PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material ----- Size -----

QUESTION	ANSWER	MARK
----------	--------	------



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GEOLOGICAL SURVEY

SEP 25 1910

LOG OF OIL OR GAS WELL

Geological section from top of well to base of last casing. Address: B. L. Johnson, 1234 Main St., St. Paul, Minn. State: Minnesota. Location: T. 12 N., R. 10 E., S. 10 N. Sec. 36. Township: 12 N. Range: 10 E. Section: 36. Date: September 25, 1910. Drilled by: B. L. Johnson. Depth: 100 feet. Diameter: 4 inches. Casing: 2 inches. Pumping: No. Results: Oil, 10 barrels per day. Gas, 100 cubic feet per day. Remarks: Well is in good condition. No further work planned.

OIL OR GAS SANDS OR ZONES

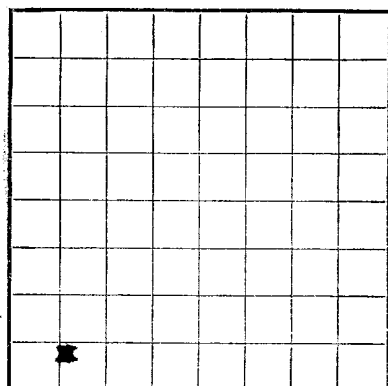
1. No. 1 from top of well to base of last casing. 2. No. 2 from top of well to base of last casing. 3. No. 3 from top of well to base of last casing. 4. No. 4 from top of well to base of last casing. 5. No. 5 from top of well to base of last casing. 6. No. 6 from top of well to base of last casing. 7. No. 7 from top of well to base of last casing. 8. No. 8 from top of well to base of last casing. 9. No. 9 from top of well to base of last casing. 10. No. 10 from top of well to base of last casing.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, give size and location. If the well has been dynamited, give date, size, position, and number of shots. If pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling. When pipe was cemented, cement in pipe under float collar. Standard Rock Cement, or L.S. or other. No. of cement. No. of float collar. No. of cement. No. of float collar.

HISTORY OF OIL OR GAS WELL

No.	Date	Description	Remarks
1	1910	Drilled 100 feet	Oil, 10 barrels per day
2	1911	Redrilled 10 feet	Oil, 10 barrels per day
3	1912	Added casing 2 inches	Oil, 10 barrels per day
4	1913	Added casing 2 inches	Oil, 10 barrels per day
5	1914	Added casing 2 inches	Oil, 10 barrels per day
6	1915	Added casing 2 inches	Oil, 10 barrels per day
7	1916	Added casing 2 inches	Oil, 10 barrels per day
8	1917	Added casing 2 inches	Oil, 10 barrels per day
9	1918	Added casing 2 inches	Oil, 10 barrels per day
10	1919	Added casing 2 inches	Oil, 10 barrels per day

Form 9-330

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

SEP 2

DEPARTMENT OF THE INTERIOR

RECEIVED

U. S. GEOLOGICAL SURVEY
ARTESIA, N. M.

SEP 30 1960

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Texas Pacific Coal & Oil Company Address P. O. Box 1648 - Hobbs, N. M.
Lessor or Tract U. S. A. Woolley Field Wildcat State New Mexico
Well No. 1 Sec. 21 T. 17-SR. 30-E Meridian NMPH County Hddy
Location 660 ft. N. of 3 Line and 660 ft. E. of W. Line of Sec. 21 Elevation 3637
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date September 26, 1960 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling June 4, 19 60 Finished drilling August 19, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6750 to 6830 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	8	J-55	449	Float				Surface
8-5/8	32	8	J-55	449	Float				Intermediate
5-1/2	17	8	J-55	675	Float				Oil string
Remarks on Attached Sheet.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	462	280 # 45 Gel	Pump & Plug		
8-5/8	4003	2287 Pcs - 100 Bag.	Pump & Plug		
5-1/2	6943	600 50-50 Pcs.	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 6945 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19 60 Put to producing August 24, 19 60The production for the first 24 hours was 133 barrels of fluid of which 100 % was oil; 0 %emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 44

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	70	70	Red Bed & Sand
70	360	290	Red Bed, Anhyd. & Shells
360	431	71	Red Bed & Anhyd.
431	687	256	Line & Anhyd.
687	1158	471	Silt & Anhyd.
1158	1435	277	Line & Anhyd.
1435	1896	101	Gyp. & Anhyd.
1896	1442	186	Gyp. & Anhyd. & Line
1442	2883	641	Anhyd. Shells
2883	2961	78	Line
2961	2416	55	Line & Anhyd.
2416	2572	156	Line
2572	2618	46	Line & Red Bed
2618	3082	464	Line
3082	3123	41	Line & Anhyd.
3123	3908	778	Line
3908	3926	25	Line & Gyp.
3926	3985	17	Line, Gyp. & Sand
3985	4004	61	Sand & Line
4004	4078	89	Line & Dol.
4078	4279	166	Sand & Line
4279	4281	2	Sand
4281	4281	30	Gyp. & Sand

LEON

[OVER]

18-42004-3

FROM		TO		TOTAL FEET		FORMATION	
4291	4331	4331	4331	40	40	Gravel, Dol. & Lim.	
4292	4332	4332	4332	17	17	Gravel, Dol. & Sand	
4293	4333	4333	4333	94	94	Gravel & Chert	
4294	4334	4334	4334	61	61	Gravel & Chert	
4295	4335	4335	4335	46	46	Gravel & Dol.	
4296	4336	4336	4336	46	46	Gravel & Dol.	
4297	4337	4337	4337	46	46	Gravel & Dol.	
4298	4338	4338	4338	100	100	Gravel & Dol.	
4299	4339	4339	4339	193	193	Gravel, Dol. & Chert	
4300	4340	4340	4340	151	151	Gravel & Chert	
4301	4341	4341	4341	119	119	Gravel & Sand	
4302	4342	4342	4342	89	89	Gravel	
4303	4343	4343	4343	99	99	Gravelite & Sand	
4304	4344	4344	4344	15	15	Gravelite & Chert	
4305	4345	4345	4345	6	6	Gravelite	
4306	4346	4346	4346	5	5	Gravel & Lim.	
4307	4347	4347	4347	28	28	Gravel & Lim.	
4308	4348	4348	4348	30	30	Gravel & Lim.	
4309	4349	4349	4349				
4310	4350	4350	4350				
4311	4351	4351	4351				
4312	4352	4352	4352				
4313	4353	4353	4353				
4314	4354	4354	4354				
4315	4355	4355	4355				
4316	4356	4356	4356				
4317	4357	4357	4357				
4318	4358	4358	4358				
4319	4359	4359	4359				
4320	4360	4360	4360				
4321	4361	4361	4361				
4322	4362	4362	4362				
4323	4363	4363	4363				
4324	4364	4364	4364				
4325	4365	4365	4365				
4326	4366	4366	4366				
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4328	4368	4368	4368				
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4330	4370	4370	4370				
4331	4371	4371	4371				
4332	4372	4372	4372				
4333	4373	4373	4373				
4334	4374	4374	4374				
4335	4375	4375	4375				
4336	4376	4376	4376				
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4338	4378	4378	4378				
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4341	4381	4381	4381				
4342	4382	4382	4382				
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4360	4400	4400	4400				
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4362	4402	4402	4402				
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4376	4416	4416	4416				
4377	4417	4417	4417				
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4379	4419	4419	4419				
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4384	4424	4424	4424				
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4398	4438	4438	4438				
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4400	4440	4440	4440				
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4413	4453	4453	4453				
4414	4454	4454	4454				
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4424	4464	4464	4464				
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4426	4466	4466	4466				
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4428	4468	4468	4468				
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4430	4470	4470	4470				
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4460	4500	4500	4500				
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4464	4504	4504	4504				
4465	4505	4505	4505				
4466	4506	4506	4506				
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4469	4509	4509	4509				
4470	4510	4510	4510				
4471	4511	4511	4511				
4472	4512	4512	4512				
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4501	4541	4541	4541				
4502	4542	4542	4542				
4503	4543	4543	4543				
4504	4544	4544	4544				