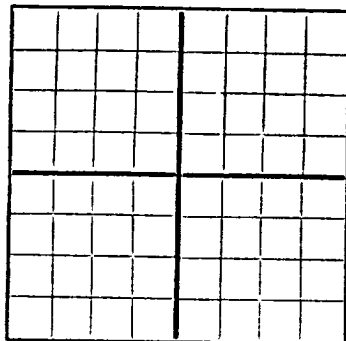


N



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM O-110 WILL NOT BE APPROVED UNTIL FORM O-105 IS PROPERLY FILLED OUT.

ARKANSAS FUEL OIL CO.

626 Mayo Building, Tulsa, Okla.

Company or Operator

Address

C. F. Kruse

Well No.

1

in SE SE NE

of Sec.

111

T 19-North

Lease

R. 21-East

N. M. P. M.

Field,

Mora

County.

Well is _____ feet south of the North line and _____ feet west of the East line of _____

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is C. F. Kruse Address Wagon Mound, N. M.

If Government land the permittee is _____ Address _____

The Lessee is Arkansas Fuel Oil Company Address Pittsburgh, Pa.

Drilling commenced Feb. 24th, 1925 Drilling was completed Feb. 5th, 1925

Name of drilling contractor Arkansas Fuel Oil Co. Address Tulsa, Okla.

Elevation above sea level at top of casing 6500 feet.

The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

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

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

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

IMPORTANT WATER SANDS First water from surface to depth

Include data on rate of water inflow and elevation to which water rose in hole. found 2356-2361', 4 to 6 bailers per day fresh, with strong sulphur impregnation

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
15 $\frac{1}{2}$	70#	10		765'		765'			
12 $\frac{1}{2}$	50#	8		1275'		1235'			
10	40#	8		1444'		1444'			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
Non-inflammable gas showings mudded off during process of drilling.						
At abandonment well mudded from bottom to top before casing pulled and put in						
1000 lbs. cement before pulling 12 1/2" casing.						

PLUGS AND ADAPTERS

Heaving plug—Material..... Length..... Depth Set.....
 Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from..... feet to..... feet, and from..... feet to..... feet
 Cable tools were used from..... throughout..... feet to..... feet, and from..... feet to..... feet.

PRODUCTION

Put to producing..... DRY....., 19.....
 The production of the first 24 hours was..... barrels of fluid of which..... % was oil;..... %
 emulsion;..... % water; and..... % sediment. Gravity, Be.....
 If gas well, cu. ft. per 24 hours..... Gallons gasoline per 1,000 cu. ft. of gas.....
 Rock pressure, lbs. per sq. in.....

EMPLOYEES

W. W. Alkire....., Driller Frank B. McKnight, Drilling Foreman Driller
 E. E. Barber....., Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this..... 20th.....

day of..... February....., 1926.....

Paul Edwards.....

Notary Public

My Commission expires..... May 5, 1929.....

Place

Date

Name..... F. H. FOSTER.....

Position..... Superintendent.....

Representing..... ARKANSAS FUEL OIL CO.
Company or Operator

Address.....

6388

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Lime, sandy, hard
6	51	45	Lime, hard
51	70	19	Soapstone
70	90	20	Slate, white
90	170	80	Shale, pink
170	215	45	Lime, sandy, pink
215	230	15	Lime, sandy
230	240	10	Lime, pink
240	245	5	Lime, sandy, pink
245	247	2	Sandy white
247	275	28	Lime, sandy
275	325	50	Lime
325	330	5	Red rock
330	355	25	Lime, pink
355	365	10	Red Rock
365	385	20	Sand, pink
385	410	25	Sand, pink
410	425	15	Lime
425	440	15	Red rock
440	460	20	Lime
460	500	40	Red rock
500	505	5	Lime, pink
505	515	10	Red rock
515	520	5	Red rock
520	545	25	Red rock
545	550	5	Red mud
550	560	10	Lime, pink
560	620	60	Red rock
620	635	15	Lime, pink
635	660	25	Red rock
660	680	20	Lime, pink
680	690	10	Red rock
690	730	40	Lime, pink
730	735	5	Lime, sandy
735	745	10	Red rock
745	750	5	Lime, pink
750	950	200	Red rock
950	955	5	Slate, blue
955	965	10	Lime, broken
965	975	10	Shale, blue
975	1040	65	Red rock
1040	1100	60	Lime, pink
1100	1105	5	Lime, sandy
1105	1120	15	Shale, grey
1120	1140	20	Lime, gritty
1140	1160	20	Lime, sandy
1160	1190	30	Sand, gas non-inflammable est. 1/2 mil. ft.
1190	1195	5	Shale, blue
1195	1210	15	Sand, grey
1210	1225	15	Sandy lime, grey
1225	1230	5	Lime, grey
1230	1275	45	Red rock
1275	1278	3	Lime, brown
1278	1290	12	Lime, sandy, red
1290	1300	10	Lime, red

1300	1305	5	Shale, green
1305	1310	5	lime, sandy
1310	1325	15	Slate, blue
1325	1330	5	Slate, green, gritty
1330	1370	40	Sand, grey, hard
1370	1385	15	Lime, grey, hard
1385	1390	5	Shale
1390	1412	22	Lime
1412	1420	8	Sand, white, hard
1420	1425	5	Sand, gas, non-inflammable tested 2.6 mil. 25' rock pressure at 1425'
1425	1438	13	Cavern, sandy lime, boulders
1438	1440	2	Lime, blue
1440	1460	20	Sand
1460	1465	5	Lime, sandy
1465	1470	5	Lime, hard
1470	1475	5	Lime, hard, sandy
1475	1515	40	Sand, hard, yellow, showing of pyrites
1515	1537	22	Sand, hard, blue, crevice at 1530'
1537	1540	3	Lime, hard, blue
1540	1550	10	Sand, yellow, close and hard
1550	1593	48	Sand, hard, yellow
1593	1603	5	Sand, rock, hard, yellow
1603	1607	4	Sand, hard
1607	1620	13	Lime, sandy, grey
1620	1675	55	Lime, sandy, sharp and gritty, est. 2 mil. ft. of gas at 1670'
1675	1710	35	Lime, hard, sandy
1710	1800	90	Lime, sandy, 2 mil. or more gas at 1795'
1800	1808	8	Sand, yellow
1808	1855	47	Lime, sandy
1855	1875	20	Lime, hard, red
1875	1912	37	Lime, hard, red, sandy
1912	1928	16	Lime, red, sandy
1928	1955	27	Lime, hard, red
1955	1975	20	Lime, red with hard white shells
1975	1995	20	Lime, hard, close, sandy
1995	2050	55	Lime, red, very close
2050	2070	20	Lime, hard, red
2070	2090	20	Lime, hard, glassy red
2090	2100	10	Lime, hard, red
2100	2120	30	Lime, red with breaks of red shale
2120	2170	40	Lime, broken shale and shells
2170	2190	20	Shale, broken, dk in color
2190	2195	5	Sand, grey and red
2195	2220	25	Lime, broken and shale
2220	2225	5	Lime, grey sandy from 2220 upward.

2225	2240	15	Lime and sand, very hard
2240	2245	5	Lime sandy
2245	2250	5	Lime, hard sandy
2250	2256	6	Lime, hard grey sandy
2256	2276	20	Lime, hard close sandy
2276	2300	24	Lime, hard gritty, formation close and hard
2300	2308	8	Lime, close, hard, sandy
2308	2312	4	Lime, pink, sandy
2312	2325	13	Lime, hard, grey, sandy
2325	2335	10	Lime, grey and glassy
2335	2341	6	Lime, hard pink
2341	2358	17	Lime, red glassy
2358	2361	3	Water sand, very sharp, making 4 to 6 blrs. water (fresh) per hr.

361	2370	9	Sand, sharp grey, very close and hard, making 5 blrs. water in 12 hrs. 2358-61 feet
2370	2390	20	Lime, sandy, hard red
2390	2395	5	Lime, red, sandy
2395	2400	5	Lime and mica flakes
2400	2405	5	Water sand, yellow
2405	2415	10	Lime, red, hard glassy
2415	2420	5	Lime, pink granite
2420	2425	5	Lime, hard red sandy
2425	2428	3	Shale, grey, soft
2428	2431	3	Lime, sandy
2431	2448	17	Lime, hard red sandy
2448	2460	12	Lime, hard sharp
2460	2470	10	Lime, red sandy
2470	2475	5	Sand, hard red
2475	2480	5	Lime, hard red and grey
2480	2488	8	Lime, hard red and glassy
2488	2495	7	Lime, red sandy
2495	2498	3	Lime, hard red and glassy
2498	2505	7	Lime, close red sandy
2505	2510	5	Lime, pink close sandy
2510	2515	5	Lime, light pink sandy, hole full of water 1000' of water at 2513'
2515	2520	5	Lime, hard red sandy
2520	2535	15	Lime, red sharp
2535	2605	70	Lime, hard red glassy
2605	2613	8	Lime, hard sandy

TOTAL DEPTH 2 6 1 3 - STEEL LINE MEASUREMENT

Remarks: Formation 2220-2613'

Metamorphosed formation and fresh undisturbed granite classified by driller as "Limes" and "Sands" from its action on the drilling bits.