

15-051-05628-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER Spud 4-9-37

LEASE NAME F. Cress

WELL NUMBER 1

330 Ft. from S Section Line

480 Ft. from E Section Line

SEC. 12 TWP. 11S RGE. 17 (W)

COUNTY Ellis

Date Well Completed 5-18-37

Plugging Commenced 12-15-93

Plugging Completed 12-16-93

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Mustang Oil & Gas Corporation

ADDRESS 100 S. Main, Suite 300, Wichita, KS 67202

PHONE# (316) 267-8011 OPERATORS LICENSE NO. 5652

Character of Well Oil (TA #4-001,051

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 12-15-93 (date)

by Ken Kuhn (District 4) (KCC District Agent's Name).

Is ACO-1 filed? No If not, Is well log attached? No (Old well, none in file; have

Producing Formation Lansing/KC Depth to Top 2928' attached copy of drilling reports Bottom 3131' T.D. 3260' (PBTD)

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
				16" / 1"	280'	None
				10-3/4"	978'	None
				7"	3285'	None

Describe in detail the manner in which the well was plugged, indicating where cement or other 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 each. SEE BACK

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Wichita, Kansas

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

Name of Plugging Contractor Allied Cementing Co., Inc. License No. n/a

Address P.O. Box 31, Russell, KS 67665

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Mustang Oil & Gas Corporation

STATE OF Kansas COUNTY OF Sedgwick, ss.

Wayne L. Brinegar, Exploitation/Production Mgr. (Employee of Operator) or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) Wayne L. Brinegar

(Address) 100 S. Main, Suite 300, Wichita, KS 67202

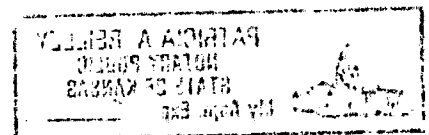


SWORN TO before me this 21st day of December, 19 93

Patricia A. Reilley
Notary Public

My Commission Expires: August 11, 1995

- 12-15-93 MIRU Leon's Cable Tools. RU tools & knock loose CIBP, push plug to 3130'. RU to run tbg. TI
- 12-16-93 TIH w/2-3/8" tbg to 3,091.88' to clean out cellar. Plug w/60-40 Pozmix, 10% added gel. Pump 135 sxs cmt & 100# hulls down 10-3/4"x7" csg annulus. Displaced 18 sxs gel spacer & 50 sxs cmt w/250# hulls out tbg @3,091.88'. Pull tbg to 1,707.96' & displace 50 sxs cmt & 200# hulls. Pull tbg to 1,029.24' & displace 100 sxs cmt & 200# hulls; cmt to circ to surf. TOOH w/tbg. Tied onto 7" csg & filled to surface w/5 sxs cmt & 100# hulls. Press'd 7" csg to 400# & SI. Plugging complete.



WELL NO. 1 LEASE Fred Cress COMPANY Gulf Oil Corporation A.F.E. 2165
 DATE—DRILLING BEGAN 4-9-37 WELL COMPLETED 5-18-37 FIRST PRODUCTION 5-13-37
 SAND RECORD Siliceous Lime, 3285' - 3295' TOTAL DEPTH 3295'

INITIAL PRODUCTION "P" 2,168 Oil, No Water (5/18)
 Based on prod. of 1084 oil and no water during a 12 hr. test.

CASING RECORD

SIZE	WEIGHT	THD.	CLASS	MAKE	SET AT DEPTH	SACKS CEMENT	LBS. CAL. CHLO.	PULLED	LEFT IN
16"	55	8		Spang	280'	250	500		280'
				LW ST					
10 3/4"	32	8	New	SC LW	978'	400	600		978'
6"	15	10	New	Smls.St.	3285'	150			3285'

S— 12 T— 11S R— 17W

Ellis County, Kans.	
480' fr. E. Line	
330' fr. S. Line	
159 acres	
	o

(*) "F." FLOWING NATURALLY; "L." AIR GAS LIFT; "S." SWABBING; "P." PUMPING.

ELEVATION— 1771'

Test Kansas City formation 8-26-52 to 9-3-52
 DEPTH Plugged back from 3295 to 3260'
 Casing Perforated, 2988-3092' w/16 Kone shots
 3084-3107-3112' w/20 Kone shots
 ACIDIZED: w/ 2000 gallons
 PRODUCTION: Before "P" none - shut down
 After "P" 23 oil 52 water 9-9-52

AFE 2979
TD

TEST ADDITIONAL ZONES IN KANSAS CITY:
CASING:

8-7-54 to 8-9-54
 Perforated 2981-2986' w/20 kone shots.
 Perforated 3035-3044 w/36 kone shots.
 Perforated 3126-3131' w/20 kone shots.
 With 7000 gallons by zones.
 "P" 10 oil, 50 water.
 "P" 67 oil, 40 water 8-17-54.

AFE 3438

ACIDIZED:
PRODUCTION:

Before:
After:

Cement Top @ 100% Pullup - 2600'
70% Pullup - 2700'

WORKOVER: Perforate Additional Zones in Lansing-Kansas City. 12-28-56

DESC. OF WORK: Perf. w/4 holes per foot 3020-24', 3002-06', 2942-48' & 2928-32'. Acidized 3035-3131' w/2000 gallons HV acid. Acidized 3020-24' w/1000 gallons NE acid. Acidized 3002-06' w/1000 gallons NE acid. Acidized 2942-48' w/200 gallons NE acid. Acidized 2928-32' w/1800 gallons NE acid.

AFE 6493

RESULTS: Before: "P" 17 BO, 55 BW in 24 hrs.
 After: "P" 20 BO, 50 BW in 24 hrs.

	Sand & gravel	0 to 25'	Lime & shale (broken)	2454
	Lime	65'	Lime (broken)	2500
16" 280	Shale - blue	225	Shale - gray	2515
	Lime shells & shale	300	Lime shells	2533
	Shale	325	Lime (broken) chert	2580
	Sand	330	" " "	2606
	Sand - red	360	Lime (broken)	2671
	Gravel - light	375	Lime & chert	2692
	Gravel	391	Lime (broken)	2707
	Sandstone & shale	420	Lime (broken) light - medium	2730
	Sand & gravel	455	Lime - light - hard	2930
	Sand	485	Shale - blue - soft	2939
	Iron	494	Shale - blue	2950
	Gravel	550	Shale - brown	2955
	Sand & iron shells - red	600	Shale - green	2960
	Gravel	623	Lime (Kans. City)	2988
	Sand & gravel	643	Lime & shale	3005
	Iron	655	Lime	3020
	Lime & iron shells	690	Lime and shale	3030
	Lime shells and gravel	700	Lime & shale	3050
	Lime shells and shale	720	Lime	3094
	Red bed	740	Lime - sandy	3110
	Shale and Lime shells	854	Shale - brown	3113
	Iron & shale	850	Lime	3125
	Iron	860	Lime shells & shale	3139
	Shale & shells	890	Lime & shale breaks	3160
	Shale & iron	900	Lime	3186
	Iron	910	Shale break	3190
	Shale, iron & lime shells	958	Lime - light	3214
10% 978	Anhydrite	965	Shale - brown	3222
	Anhydrite lime	980	Lime & shale breaks	3233
	Lime	1000	Lime & shale breaks - Light & blue	3265
	Shale	1130	Lime shells and shale	3278
	Shale and Lime shells	1210	Shale - green	3280
	Shale and Lime shells	1217	Sand & shale - green	3285
	Shale (sticky)	1255	Brown lime with chert	3295 T.D.
	Shale - red	1275		
	Shale - blue	1452		
	Salt	1480		
	Shale & Lime shells	1565		
	Shale & Lime shells	1623		
	Lime	1640		
	Lime shells	1670		
	Lime	1680		
	Lime - hard	1700		
	Lime	1720		
	Lime & shale	1740		
	Shale & Lime shells	1785		
	Lime	1800		
	Shale & Lime shells	1805		
	Shale & Lime shells	1825		
	Lime - light	1870		
	Lime	1927		
	Lime	1969		
	Lime	2005		
	Lime & shells - brown	2040		
	Lime & shale - light gray	2072		
	Lime - soft - light gray	2110		
	Shale - blue - soft	2130		
	Lime & shale	2150		
	Lime - light - hard	2430		

WELL PROGRESS REPORT

GULF T-576

Z-14W, D-6

15-051-05628-00-00

Sheet #1

ELLIS COUNTY

Fred Cress

1

All Int.

LEASE

WELL NO.

YEAR	D&C	STATUS OF WELL
1937		
		Contractor - Twin Drlg. Type of Rig - Waukesha Motors, Fuel - gasoline. Cable tools Buda Motor, Fuel - gasoline.
Location	3 - 23	Location: Center of SE SE SE of section 12-11S-17W, Ellis County, Kansas
	24	Location.
	25	Location.
	26	Location.
	27	Location.
	28	Location.
Location	29	Location staked March 24th, by Rodd, 480' from East line and 330' from South line of SE/4 of Section 12-11-17W. Will start digging cellar today.
	30	Digging cellar.
	31	Cellar completed. Digging pits and excavating for rig corners.
	4 - 1	Running derrick corners. Digging pits.
	2	Running derrick corners. Pits completed.
	3	Building rig.
	4	Running derrick.
	5	A.rig. Moving in tools.
	6	Moving in tools. Rigging up.
	7	Rigging up. Expect to start drilling today.
	8	Rigging up. Delayed account of storm. Expect to start drilling today.
	9	Digging rat hole. Type of Rig - Waukesha Motors, Fuel - gasoline.
	10	Total depth 300'.- 8-3/4" hole. Now reaming 11" hole at 150', will then ream to 19" hole. Probably set 15 1/2" casing tonight.
16"	11	Total depth 300'. Reaming 19" hole to 200'.
	12	Reamed 19" hole to 285'. Cemented 13 jts.-of 16" 55# 8-thrd. Spand Lapweld steel casing at 280' with 250 sacks and 500# of calcium chloride. Plug at 265'. Job completed 3:AM. Witnesses: Trax and Scott. Standing.
	13	Waiting for cement to set.
	14	Total depth 326'. 11# mud. Resumed drilling last mid-night. Mud weight 11# when artesian water cleaned the hole at 4:AM. Now mixing up heavy mud.
	15	Total depth 590'. 13# mud. Resumed drilling 9:AM yesterday, water broke through three times during the past 24 hours. Now mixing mud.
	16	Drilling at 725' red shale. 11.6# mud. Resumed drilling 8:AM yesterday.
	17	Drilling at 910' lime. 11.7# mud.
	18	Total depth 985' Anhydrite, top 965'. Reaming 13 1/2" hole at 604'.
	19	Reaming 13 1/2" hole at 900'. Expect to run 10-3/4" casing tonight.
	20	Reamed 13 1/2" hole to bottom. Running 10-3/4" casing, have 27 jts. in.
	21	Cemented 45 jts. 10-3/4" 32# 8-thrd. New South Chester Lapweld steel casing at 978' with 400 sacks Lone Star Cement and 600# of calcium chloride. Plug at 963'. Job completed 11:30AM yesterday. Cemented to bottom of cellar. Witnesses: Trax and Scott. Waiting for cement to set. Slope tests at 250' - 1/2 degree; at 500' and 750' - 1 degree.
	22	Waiting for cement to set. Will resume operations this AM. Elevation 1771'.
	23	Drilling at 1200'. 8-7/8" hole. Resumed drilling at 4:PM yesterday.
	24	Drilling at 1385' shale. 9.8# mud.
	25	Drilling at 1747' lime. 10.1# mud.
	26	Drilling at 1920' lime. 10# mud.
	27	Drilling at 2100' lime.
	28	Drilling at 2226' lime. 10# mud.
	29	Drilling at 2333' lime. 10# mud.
	30	Drilling at 2575' lime. 10.5# mud.
5 -	1	Drilling at 2705' lime. 10.4# mud.

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 12-23-1933
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WELL PROGRESS REPORT

GULF T-576

15-051-05628-00-00 Well No. 1

LEASE Fred Cress WELL NO. Sheet #2

YEAR	STATUS OF WELL
5 -	2 Drilling at 2792' lime. 10.7# mud.
	3 Drilling at 2914' lime. 11.5# mud.
	4 Drilling at 3010' lime. 11.5# mud.
	5 Drilling at 3140' lime. Lost circulation at this depth, down 7 hours, mixed 5000# of Baroco mud and 20 sacks of cotton seed hulls.
	6 Drilling at 3210' lime. 11.5# mud.
	7 Total depth 3280'. Preparing to core. Down 7 hours repairing pump.
	8 Total depth 3295' Siliceous, top 3285'. Cored 3280'-85', 3' recovery, upper 18" brown shaley sand well saturated with oil, lower 18" green muddy shale, time 2 hours and 9 minutes. Cored 3285'-95', 6' recovery, very porous brown lime with spots of chert, core well saturated, time 4 hours and 20 minutes. Will ream hole and run casing. Cores taken with a Hughes type "J" core barrel.
6"	9 Cemented 105 joints of 6" OD 15# 10-thrd. New Seamless Steel casing at 3285' with 150 sacks of Lone Star cement. Plug at 3252'. Job completed 3:45AM today. Witnesses: Scott and Hensley. Waiting for cement to set. Standardizing. Type of Rig - Buda Motor, Fuel - Gasoline.
	10 Bailing mud.
	11 Bailing mud at 3200'. Down 9 hours account of sand reel trouble.
	12 Drilled out cement plug and hole filled 2600' with oil in 30 minutes. Now cleaning out, preparing to measure up.
	13 Steel Line Measurement checked OK by Hensley. Hole filled from 2600' to 2900' with oil in 1 hour, bailed and cleaned out, pulled the swab three times in 40 minutes, production 58 barrels, preparing to take a 6 hour swabbing test.
	14 Swabbed 413 barrels in 6 hours, unable to lower fluid below 360' from top; then swabbed and bailed until midnight, well made total of 639 barrels in 24 hours. Now running tubing.
	15 Running tubing, have 75 jts. in hole.
	16 Running rods. Will start potential test today.
	17 Ran 102 jts. of 3" New Upset seamless steel tubing. Started potential test 2:30AM 18th. Pumped 315 barrels of oil, no water, in 4½ hours, running 33 x 52" strokes per minute.
	18 Started potential test at 2:30 AM yesterday, pumped 1084 barrels oil, no water, in 12 hours. Now shut down for tank room, pipe line unable to take oil.
	19 Standing for tank room, pipe line unable to take oil.
	20 On May 18th, pumped 1084 barrels of oil, no water, in 12 hours, a 24 hour potential of 2168 barrels. Tearing down tools. Allowed production for Month of May 3.70% or 80 barrels per day. DROP FROM REPORT....

.....DROP FROM REPORT.....

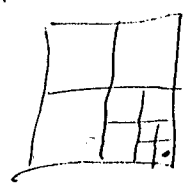
WELL PROGRESS REPORT

GULF T-576

15-051-05628-00-00

LEASE Cress WELL NO. 1 Sheet #1

Mar	YEAR 1937	Twin Drilling Co	STATUS OF WELL	Elevation 1771'.
25				SE SE SE 12-11-17.
26				SE SE SE 12-11-17. Waiting on orders for change of location.
27				Waiting on orders for change of location.
28				Ditto.
29				Location staked 3-24 by Rodd 480' west of east line and 330' north of south line, 12-11-17, Will start cellar today.
30				Digging cellar.
31				Cellar complete. Digging pits. Excavate for rig corners.
April				
1				Digging pits. Run derrick corners today.
2				Pits complete. Run corners today.
3				Lay bottom and erect derrick.
4				Running derrick.
5				Derrick complete. Moving in tools.
6				Moving in tools and rigging up.
7				Rigging up. Will start up today.
8				Rigging up. Delayed account of storm. Will start up today.
9				Started up midnight, now digging rate hole. Waukesha motor using gasoline for fuel.
10				TD 300' - 8-3/4" hole. Now reaming to 11" at 150', will then ream to 19". Will be ready to set 15 1/2" tonight.
11				TD 300', reamed 19" at 200'
12				Reamed hole to 19" to 285'. Ran 13 joints 16" 8 thd 55# spang larweld steel casing. set at 280' and cemented with 250 sacks Lone Star cement and 500# Cal Chloride. Plug to 265'. Complete at 3am, Trax and Scott.
13				TD 300', Waiting on cement to set.
14				TD 326', Started up at midnight. Mud weight 11# when artesian water cleaned hole at 4am. Now mixing up heavy mud.
15				TD 590', Mixed 13# mud. Started up at 9am yesterday, water broke out three times during last 24 hours. Now mixing mud.
16				Drilling at 725' red shale, 11.6# mud, Started up yesterday at 8am.
17				Drilling at 910' in lime, 11.7# mud. Drilling OK.
18				TD 985', Top anhydrite at 965', now reaming 13-1/2" hole at 604'. Will run 10-3/4" tonight.
19				TD 985', Reaming to 13-1/2" at 900'. Will run pipe tonight.
20				TD 985', Reamed hole to 13 1/2" to bottom. Running 10-3/4" casing with 27 joints in.
21				TD 985', Ran and set 45 joints 10-3/4" 8 thd 32# South Chester weld casing at 978' with 400 sacks lone star cement 500# Cal. Chloride. Plug stopped at 963'. Complete at 1130am Trax and Scott. Cemented to bottom of Cellar. Slope test 250' 1/2 deg, 500' and 750' 1 deg.
22				TD 985', Will start up this am. Elevation 1771'.
23				Started up 4pm 22nd. Drilling now at 1200', 8 7/8" hole.
24				Drilling at 1385 in shale, 9.8# mud.
25				Drilling at 1747' in lime, 10.1# mud.
26				Drilling 1920 in lime, 10# mud.
27				Drilling 2100' in lime.
28				Drilling 2226 in lime, 10# mud.
29				Drilling 2333' in lime, 10.8# mud.
30				Drilling 2575' in lime, 10.5# mud.
May				
1				Drilling 2705 in lime, 10.4# mud.
2				Drilling 2792' lime, 10.7# mud,
3				Drilling 2914' lime, 11.5# mud.
4				Drilling 3010' lime, 11.5# mud.
5				No report.
6				5th - Drilling 3140 lime, lost circulation at 3140', period down 7 hours mixed 50 baraco mud, 20 sacks cotton seed hulls. 6th - Drilling 3210' lime, Mud 11.5# circulation ok.
7				TD 3280' going in to core, down 7 hours repairing pump.
8				TD 3295', Top Sil 3285', Cored 3280 to 85 time 2 hours 9 minutes, recovered 3' 18" brown shaley sand, well saturated with oil, other 18" green sandy shale. Cored 3285 to 95', time 4 hours 20 mins, recovered 6', very porous brown lime with spots of chert all of core well saturated some places heavier than other, going in hole to ream and run casing. Huches Type J Core Barrel.
9				TD 3295', Top Sil 3285', Ran and set 105 joints and 3 nipples 6" OD 10' National casing at 3285' with 150 sacks Lone Star cement, Plug stopped at 3252', complete 345am 9th. Scott and Hensley.
10				Standardize. Pump motor double. See 2881.
20				TD 3295', Top Sil 3285', 3' cored. See 4101. 10th. Standing for test.



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WELL PROGRESS REPORT

GULF T-576

15-051-05028-00-00

Cress

LEASE

WELL NO. 1 Sheet #2

May	YEAR 1937	STATUS OF WELL
11		TD 3295', Top Sil 3285', 6" 3285'. Bailing mud.
12		TD 3295', Top Sil 3285', 6" 3285', Bailing mud 3200'. Down approx 9 hours account sand reel trouble.
13		TD 3295', Top Sil 3285', 6" 3285', Drilled plug, Hole filled 2600' in 30 mins Now cleaning out and getting ready to measure up.
14		TD 3295', Top Sil 3285', 6" 3285', Measured up SLM by Hensley checked ok, Hole filled from 2600' to 2900' in 1 hour, Bailed and cleaning out, pulled swab 3 times in 40 minutes, made 58 bbls 2700' off bottom. Getting ready to take 6 hour swabbing test.
15		TD 3295', Top Sil 3285', 6" 3285', Swabbed 413 bbls in 6 hours unable to lower fluid below 360' from top. Then swabbed and bailed until midnight made total of 639 bbls for 24 hours. Now running tubing.
16		TD 3295', Top Sil 3285', 6" 3285', Running tubing 75 joints in.
17		Running rods and will go on potential today. Will furnish number joints 3" tubing tomorrow report.
18		TD 3295', Top Sil 3285', 6" 3285', Ran 102 joints and 3 nipples new 3" upset std. SS Tubing. On potential 230am 18th. Made 315 oil no water in 4 1/2 hours. 33 x 52 SPM.
19		TD 3295', Top Sil 3285', 6" 3285'. On potential 230 a.m. 18th. Made 1084 oil no water in 12 hrs. Necessary to shut down account tank room, pipe line was not able to take oil.
20		TD 3295', Top Sil 3285', 6" 3285'. Shut down 4:00 p.m. 18th. Standing for tank room.
21		TD 3295', Top Sil 3285', 6" 3285'. Tearing out tools.
22		TD 3295', Top Sil 3285', 6" 3285'. Tearing out portable front.

TESTS WITH PERMANENT FRONT

Aug
6
Went on potential 1145am August 4. Made 532.04 first 4 hours and 512.98 second 4 hours for potential of 3078 oil in 24 hours. No water. 42 x 54 SPM.

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