

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 COLORADO DERRY BUILDING
WICHITA, KANSAS 67202

WELL PLUGGING RECORD

API NUMBER 15-1st-20187-00-01

TYPE OR PRINT
PLEASE FILL OUT COMPLETELY
AND MAKE REQUIRED AFFIDAVIT.

LEASE NAME Helzel B-1

WELL NUMBER _____

SPOT LOCATION C of SW NE

SEC. 18 TWP. 28S RGE. 12W (E) OR (V)

COUNTY Pratt

DATE WELL COMPLETED _____

PLUGGING COMMENCED 12/5/83

PLUGGING COMPLETED 12/7/83

LEASE OPERATOR J.A Allison

ADDRESS 300 W. Douglas, Suite 305, Wichita, Ks. 67202

PHONE # () _____ OPERATORS LICENSE NO. _____

CHARACTER OF WELL
(OIL, GAS, D&A, SWD, INPUT, WATER SUPPLY WELL)

DID YOU NOTIFY THE KCC/KDHE JOINT DISTRICT OFFICE PRIOR TO PLUGGING THIS WELL? Yes

WHICH KCC/KDHE JOINT OFFICE DID YOU NOTIFY? Dodge City

IS ALC-1 FILED? _____ IF NOT, IS WELL LOG ATTACHED? _____

PRODUCING FORMATION _____ DEPTH TO TOP _____ BOTTOM _____ T.D. 4500'

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
				10 3/4	320'	none
				5 1/2"	4457'	3329'

DESCRIBE IN DETAIL THE MANNER IN WHICH THE WELL WAS PLUGGED, INDICATING WHERE THE MUD 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 SET.

Made bottom hole plug back with sand to 4225', ran 5 sacks cement. Shot pipe at 3329'. Pulled total of 94 joints of pipe. Squeezed hole with 3 hulls, 20 gel, 75 cement, 15 gel, released plug, 1 hull, & 200 sacks cement. Plugging complete.

(IF ADDITIONAL DESCRIPTION IS NECESSARY, USE BACK OF THIS FORM.)

NAME OF PLUGGING CONTRACTOR Kelso Casing Pulling LICENSE No. 6050
ADDRESS Box 347, Chase, Ks. 67524

STATE OF Kansas COUNTY OF Rice, SS.

R. Darrell Kelso (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) R. Darrell Kelso

(ADDRESS) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8th DAY OF December, 1983

Jane Hoover
NOTARY PUBLIC



MY COMMISSION EXPIRES: _____

RECEIVED
STATE CORPORATION COMMISSION

DEC 9 1983

CONSERVATION DIVISION
Wichita, Kansas

FORM CP-4
REVISED 06-83

J. A. ALLISON

OIL PRODUCER

300 WEST DOUGLAS, SUITE 305 WICHITA, KANSAS 67202-2975 PH. 316 - 263-2241

DAILY DRILLING REPORT

WELL NAME Helsel "B"
 LOCATION C SW NE Sec. 18-28S-12W
 COUNTY PRATT
 API # 15-151-20,187-A
 ELEVATION 1870 Gr. KB
 SURFACE
 MIRT SPUD

CONTRACTOR D. R. Lauck Oil Co., Inc.
 " PHONE (316)263-8267 LICENSE # 5427
 RIG PHONE 1-656-4681 at beep dial 8501
 TOOLPUSHER PHONE Doyle Folkerts 1-793-7713
 GEOLOGIST
 " OFF PH Res Ph
 CALL DEPTH EST TD 4500'

OLD LOG TOPS

Formation	Depth	Datum
Old KB 1877		
Heebner	3598	-1721
Toronto	3611	-1734
Douglas	3635	-1758
Brown Lime	3792	-1915
Lansing	3807	-1930
Base K.C.	4172	-2295
Miss	4281	-2404
Kinderhook	4391	-2514

LOG TOPS

Formation	Depth	Datum

- 9/07/83 Rigging up. NOTE: this is in error - actually rigged up on 9/08/83
- 9/08/83 " " Worked on rig.
- 9/09/83 Ready to start drilling cement. 1:45 P.M. was thru all of surface hole and down to 1150' - ordering pipe.
- 9/10/83 8:00 A.M. washed to 4559' conditioned hole 2 hrs. lay down drill pipe. Ran 127 jts. 5 1/2" 14# new API casing, range 2&3, set @4457'/150sx 60/40 pozmix salt saturated Plug down 1:30 P.M. shoe jt. 34.12'. Waiting on Cement.
- 9/26/83 Bayse Well Service moved in, rigged up, double drum unit. Electra ran Correlation Log, and Sonic Bond Log. Show good bond 8' above mississippi top. Poor bond through wash out 4250' to 4274'. Swab fluid from 5 1/2 casing to 2880' perforate 4285' to 4293' 3 DP's/ft. Swab to perfs. test dry 30 minutes.
- 9/27/83 Ran swab to bottom, recovered 2 bbls fluid, test dry in 30 minutes. Powell acidized down 5 1/2" casing 500 gals. MSR. maximum pressure 825#, broke to 200# displaced acid at 1 BPM @ 200#, 5 min. drop to 100#, 10 min. to 50#, 15 min. -0-. Total load 116 bbls, swab back 117 bbls fluid, swab test 30 minute intervals: 1st .87 BF - Scum heavy muddy oil on top, 2nd .87 BF - Show oil slightly muddy on top, 3rd .58 BF - same, 4th .58 BF - same.
- 9/28/83 Overnight fillup 300' fluid with scum of muddy oil. Swab down recovered 9.43 bbl of fluid scum of muddy oil. 6 swab tests @30 minute intervals - .87 barrels of fluid, .58 barrels of fluid, .29 barrels of fluid, .29 barrels of fluid, .29 barrels of fluid, .29 barrels of fluid all fluid the same, dark brown water ph 4 to 4.5 chlorides same as Mississippi water. (NOTE: this color does not settle out overnite.) Electra perforate 4300-4308, 3 DP's/ft 1 hour test .58 barrels of fluid same fluid. 6-30 min. pulls all .29 barrels of fluid per pull same fluid.
- 9/29/83 Swab down, recovered 6.96 barrels of fluid, muddy water. Dowell acidized down 5 1/2" casing 1500 gallons 7 1/2% MSR, 30 ball sealers, pump 250 gallons acid drop 30 balls pump 1250 gallons acid. Load hole, pressure increase from 175# to 400# @ 5 barrels per minute. ISIP 350# 1 min. 325#, 5 min. -0-#, 7 min. vacuum. Total load 140 barrels. Swab back load, recover 98 barrels and show of muddy oil. Swab test, 15 minute pulls, 1st 2.32 barrels of fluid slight show of oil, 2nd 1.74 barrels of fluid same, 3rd 1.74 barrels of fluid same, 1.16 barrels of fluid same, 1.45 barrels of fluid same, slight increase gas, 1.16 barrels of fluid same, .87 barrels of fluid gas increase, .87 same fluid except better show of gassy oil.
- 9/30/83 Casing Pressure 125# 900' fill up overnight, 10% oil. Dowell fraced down 5 1/2" casing/10,000# sand. Screenout, break pipe at 1800# shut in. Estimate flush pumped down hole to 1800' frac sand in fluid below 1800'.
- 10/01/83 Dowell pumped wiper plug to 598'.
- 10/03/83 Fluid 25' from surface, swab down to 600', top of wiper plug. Test 1 1/2 hour dry. Ran 4 7/8" bit on 2 7/8" eue tubing to 600' top of wiper plug.
- 10/04/83 Ran 2-7/8" tubing, push wiper plug to 4000'. Pratt Well Service rigged up reverse circulator, drill wiper plug, circulate to 4083', losing circulation, shut down @ 4:30
- 10/05/83 Circulate sand from casing 4083' to 4376'. Circulate hole clean. Pull tubing and bit

- 10/06/83 Ran 15' Mud Anchor, seat nip, 2 7/8 eue tubing to 4035' swab 5 hrs, still
swabbing frac fluid. Total load including lost circulation approximately
250 bbls.
- 10/07/83 Tubing pressure 25# overnite fill up from 3400' to 1800' = 1600' of fill up
show of gas, show of oil. Swab down to bottom: Swab test 1st hr. 4.5 barrel
fluid scum of oil, slight show gas. 2nd hr. 5 barrel fluid scum of oil, slight
show of gas. Testing off bottom 200' per pull.
- 10/10/83 Fluid 1800' from surface over weekend scum of oil only. Laid down tubing release
rig.