STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

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

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

API NUMBER 15-075-206530000

LEASE NAME Barrett

WELL NUMBER 1-14

3972 Ft. from S Section Line

1346 Ft. from E Section Line

SEC. 14 TWP. 21 RGE. 43 (E) or (W)

COUNTY Hamilton

Date Well Completed 11-25-97

Plugging Commenced 11-25-97

Plugging Completed 11-25-97

LEASE OPERATOR William H. Davis

ADDRESS 2800 Mid-Continent Tower, Tulsa, OK 74103

PHONE# (918) 587-7782 OPERATORS LICENSE NO. 04511

Character of Well D & A

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

The plugging proposal was approved on 11-23-97 (date)

by Steve Durrant (KCC District Agent's Name).

Is ACO-1 filed? Yes If not, is well log attached?

Producing Formation N/A Depth to Top Bottom T.D.

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
Dry		0	549	8-5/8	549	0

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

Halliburton plugged as follows: 100 sack plug Thixotropic with 10# kal-seal from 704-1025', 50 sack plug Thixotropic with 10# kal-seal, 2% cc, 4% gel from 450-650', 30 sacks Premium from 40-4'.

Name of Plugging Contractor Halliburton Energy Services License No. 5287

Address P. O. Box 1598, Liberal, KS 67905-1598

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: William H. Davis

STATE OF Kansas COUNTY OF Seward, ss. 12-31-97

Keith Hill, agent for William H. Davis (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) Keith Hill

(Address) Crown Consulting, Inc.
P. O. Box 1816, Liberal, KS 67905

SUBSCRIBED AND SWORN TO before me this 30th day of December, 19 97

Helen M. Smith
Notary Public

My Commission Expires:

NOTARY PUBLIC, State of Kansas
Seward County
HELEN M. SMITH
My Appt. Exp. 3-5-2001

USE ONLY ONE SIDE OF EACH FORM

Form CP-4
Revised 05-88

15.075.20653.0000

CROWN CONSULTING INC
DAILY OPERATING REPORT

WILLIAM H. DAVIS
BARRETT #1-14
Hamilton Co., KS
11-19-97

Time	Shut in Wellhead pressure	Flowing Drill Pipe Pressure	Flowline Pressure
7:20 A.M.	Shut off	90#	30#

down to 400#, pump back to 700#, prepare location for moving in and rigging up, break circulation on stored mud
Bud Smith $75 Danco $87 Weatherford Enterra $38
Webber $1900 Pauda $600 Crown $400
DWC $3100

11-20-97 7:00 A.M. CP 40#, everything else shut off or taken off, move in and rig up WellTech, unload 70 jts 2-7/8" 8rd 6.5# N-80 Range 2 tubing, shut in 4-1/2" TIW valve, open 8-5/8" backside, well flowing at 35# through full opening 2" flow line, nipple down all Halliburton valves and flowline, 1:00 P.M. held safety meeting, discuss procedure for removing 4-1/2" TIW valve and 1 jt 4-1/2" extra heavy drill pipe from 3M hydrill and 7-1/16" BOP, 1:30 P.M. open 4-1/2" TIW valve, well unloading produced water, drilling mud and shale (1/4" to 1" size), 2:00 P.M. open 4-1/2" pipe rams on 7-1/16" BOP and start releasing pressure from 3M hydrill, pull 4-1/2" TIW valve and 1 jt 4-1/2" extra heavy drill pipe from well, shut in blind rams on 7-1/16" BOP, well flowing at 50# out 2" flowline, lay down 4-1/2" TIW valve and 1 jt 4-1/2" extra heavy drill pipe, open blind rams on 7-1/16" BOP, well unloading produced water, drilling mud and large size shale (1" to 3"), 3:15 P.M. Patterson Rental Tools on location, 3:20 P.M. shut in 7-1/16" BOP blind rams, well flowing at 40# out 2" flowline, unable to blow well down to nipple up 11" 10M double BOP, unloading Patterson Rental Tools, 7-1/16" BOP blind rams secure, well flowing at 45# out 2" flowline, shut down for night, circulated weighted mud in frac tank, will check water in the A.M.
WellTech $2600 Bud Smith $75 Danco $87
Weatherford Enterra $38 Webber $350 Barney Rogers $640
Bourland & Leverich $9550 Nichol's Fluid Service $50
Pauda $276 Crown $400
DWC $14,066

11-20-97 Rig up foam air unit to clean out fill down to top of fish

11-20-97 2" flowing pressure 40#, rig up Danco foam air unit and power swivel, pick up bottom hole assembly as follows:

6-1/4" OD used Varel rock bit	.75'
4-3/4" OD bit sub, 3-1/2" regular box X 2-7/8" EUE box	1.15'
1 jt 2-7/8" tubing	31.53'
2-7/8" inside BOP	2.15'

strip in hole through 7-1/16" x 3M stripper head, flow line off of stripper head and flow line off back side flowing at 30#, install 2-7/8" safety jt on top of jt #7, continue in hole, install 2nd inside BOP on top of jt #20, continue in hole, tag fill on jt #23 at 711', shut in backside, break circulation with foam air unit 322#, 30 Bbls produced water with heavy foam, drilling mud and shale in returns, returns stabilizing with heavy foam, RPM on power swivel at 30-35 with WOB 500-1500#, drilling ahead, bottom hole assembly taking water at 746', estimate this to be top of fish, fan top of fish lightly, kick out power swivel, circulate hole clean, mud and shale in returns with small amount of produced water, did not find any cement in returns, lay down power swivel, start trip out of hole, pull 4 jts tubing, rig up pressure relief and blow down tubing between inside BOP's, continue trip out of hole, lay down safety jt, continue trip out of hole with total of 23 jts tubing, secure well with bottom home assembly and 1 jt tubing, close 2-7/8" pipe rams, install 2-7/8" TIW valve, well secure, shut down for night, leave well flowing out of 2" line to pit, flowing pressure at 48#, stored drilling mud report - Vis 66, Wt 13.9, WL 46.8, LCM 6, Chlorides 86,000, Calcium 2420, pH 7.0, PV 23, YP 72, Gels 51/73, Solids 0%, DMC $150, TMC $150
WellTech $600 Danco $3450 Webber $825 Patterson Rental $375
Steven's Trucking $1565 Thomas Mud $150
Nichol's Fluid Service $50 Crown $400
DWC $7415

11-21-97 Trip in hole to check for fill

11-21-97 2" flowing pressure 40#, trip in hole with bottom hole assembly, tag top of fish at 746' with soft fill on top of fish, pick up power swivel, break circulation with foam air unit at 280#, circulate hole clean, lay down power swivel and trip out of hole laying down bottom hole assembly, strip in hole with 5-5/8" OD screw in sub with 2-7/8" Skinner disk on top of 1st 2-7/8" collar to prevent flow of N2 up tubing, bottom hole assembly taking weight at 741', space out tubing string with 2-7/8" pup jts, rig up reverse unit and power swivel, screw in bottom hole assembly as follows:

Screw in sub, 5-5/8" OD x 2-5/16" ID	1.00'
23 jts 2-7/8" tubing	725.43'
2' x 2-7/8" pup jt	2.00'
10' x 2-7/8" pup jt	10.00'
6' x 2-7/8" pup jt	6.00'

pressure up on skinner disk with reverse unit pump, disk blew out at 725#, set power swivel torque at 500#, pumping with reverse unit pump at 1/2 to 3/4 BPM at 0#, start washing down, tag top of fish at 746', screw in to fish, pump pressure increased to 1500#, kick out pump, release pressure, work 500# torque into fish, lay down power swivel, test pull screw in to 40,000#, release, pull 60,000#, release, pull 80,000#, release, pull 90,000#, fish not moving, release, rig up 1-1/4" sinker bars and full lubricator, trip in hole on 5/8" sandline, tag fill at 751', trip out of hole, lay down tools, secure well and shut down for night, 2" flowing pressure at 40#
WellTech $1700 Danco $2800 Patterson Rental $375
Nichol's Fluid Service $50 Crown $400
DWC $5325

11-22-97 2" flowing pressure 40#, move 2-7/8" tubing to Barrett #18-14 to make room to spot Halliburton coil tubing unit, rig up Halliburton, start in hole with 1-1/4" down blast nozzle, tag fill at 759', wash to 826' with LCM, cement, shale and Red bed in returns, 67' of fill washed, unable to penetrate fill with 1-1/4" down blast nozzle, trip out of hole to install Baker motor, start in hole with 1.69" x 1.25" coil tubing connector, 1.69" hydraulic disconnect, 1.69" drill motor with 2" OD 3 bladed mill, start milling, only cement in returns, mill to 997.5', cement milling at 1-3 min per ft, when milling past 4-1/2" tool jt connections, milling taking 2-3 hrs to work past connections, trip out of hole to check mill, mill worn out on OD of blade, sub rent 2" OD bit from Halliburton on advise of coil tubing operator for possible faster penetration, made 171.5' with 2" OD mill, wait on bit and FA-28 chemical, start in hole with 2" OD bit at 3:50 A.M., start drilling at 996' with cement in returns, drilling at 1027' with cement in returns, unable to work past tool jt, made 31' with 2" OD bit, 2" flowing pressure 40#
WellTech $1652 Barney Rogers $425 Danco $560
Patterson Rental $375 Webber $900 Crown $400
DWC $4312

11-23-97 Continue to drill, trying to work past 4-1/2" tool jt with 2" OD bit at 1027', call Wayne Taylor with William H. Davis with report of progress on milling cement, received orders to contact KCC about possible plugging orders at 1027', contacted

Steve Durrant with KCC, he asked if we would continue to drill deeper until he had a change to take a closer look at fresh water logs in Hamilton County, trip out of hole with 2" OD bit, start in hole with 2-1/4" OD mill, break circulation at 751', milling at 963' with cement in returns, having to work past 4-1/2" tool jt, receive orders from Steve Durrant with KCC, Fresh water Dakota Sand at 800-1000', will be able to plug N2 by perforating at 1025', must attempt to circulate weighted mud and check for flow, if well goes on vacuum, must call in for orders before attempting to cement, TD 2-1/4" OD mill at 1027', circulate hole clean, continue to mill with 2-1/4" mill to TD, because of cement in returns, no cement in returns after circulating bottoms up, trip out of hole laying down Baker Oil tools and release tools and operator, rig down Halliburton and release, well secure, shut down for night
WellTech $950 Halliburton $10,588 Baker $4564 Webber $900
Patterson Rental $375 Crown $400
DWC $17,777

11-24-97 Continue plug and abandon this A.M.

11-24-97 2" flowing pressure 40#, rig up Peak Wireline Service, trip in hole, tag TD at 1026', pull up 1' off bottom, perforate with 1 11/16" Dyna Cap Strip Gun, 4 SPF at 1023-1025', 8 total holes with diameter of 0.38", pressure to surface after perforating, rig down Peak Wireline Service, SITP 8# in 10 min, 25# in 20 min, 32# in 30 min, rig up Halliburton, clean out cellar and prepare to weld leaking connection between 8-5/8" wellhead and 8-5/8" casing collar, rig up manifold to 2" flowline off of backside, rig up Danco to 2" manifold, Steve Durrant with KCC called for report and stated that he wouldn't have a representative on location for N2 shut off, 8-5/8" wellhead and 8-5/8" casing collar welded, total of 15 men on location for safety meeting, Halliburton tested pump and lines, tested to 500#, stage in total of 30 Bbls fresh water down 2-7/8" tubing and 4-1/2" drill pipe at 2 to 4 BPM with 100-300# pump pressure, tubing and drill pipe clear of cement, start weighted mud down hole, shut down, unable to pull weighted mud onto Halliburton, load weighted mud onto transport, start weighted mud down hole at 4 BPM with 200# pump pressure, pumped 54 Bbls, well on vacuum, 70 Bbls pumped break circulation with produced water to surface, 90 Bbls weighted mud pumped, weighted mud to surface, total of 130 Bbls weighted mud pumped, shut down 25 min to check for flow, no flow, pump 13 Bbls weighted mud to fill hole, total of 143 Bbls weighted mud pumped, shut down, wash pump and lines, monitor well for 20 min, no flow back, hole full, Steve Durrant with KCC,

Wayne Taylor with William H. David, and Keith Hill with Crown Consulting all contacted with results of pumping weighted mud, received orders to proceed with N2 shut off, mix and pump 100 sacks Thixotropic cement with 10# kal-seal, 2% cc, 4% gel with yield of 1.66 and weight of 14.3 at 3 BPM with 0-400# pump pressure, total of 29.5 Bbls cement pumped with good lift pressure, start displacement, slow rate to 2.0-2.5 BPM at 200# pump pressure, total of 8.5 Bbls fresh water pumped, shut down at 4:50 P.M. monitor well, no flow, hole standing full, rig up to manually back off out of 4-1/2" xo screw in sub, make back off, manually back off was high, trip out of hole with 5 jts 2-7/8" tubing and 16' of 2-7/8" pup jt, 173.50' total footage, trip in hole to screw into fish, unable to screw back into tubing, made several attempts, secure well, shut down for night
WellTech $2000 Danco $2195 Peak Wireline Service $963
Webber $930
Patterson Rental $375 Wedge Dia-Log $1690
Nichol's Fluid Service $50 Crown $400
DWC $8603

11-25-97 Continue to plug and abandon wellbore this A.M.

11-25-97 No N2 flow back, change out 2-7/8" pipe rams to 2-1/16" pipe rams, rig up to run 2-1/16" tubing, trip in hole with 2-1/16" tubing, tag cement plug at 704', lay down 3 jts tubing, bottom of tubing at 650', called Steve Durrant with KCC to verify plugging orders, was told to proceed as instructed, asked to have Crown Consulting mail copy of well reports to his office from 11-19 to 11-25, rig up Halliburton, displace hole with fresh water at 4 BPM at 300#, total 50 Bbls fresh water pumped, mix and pump 50 sacks Thixotropic cement with 10# kal-seal, 2% cc, 4% gel with yield of 1.66 and weight of 14.3 at 4 BPM at 300-100#, shut down, displace 2-1/16" tubing with 1 Bbl fresh water at 4.0 BPM at 100#, trip out of hole laying down 2-1/16" tubing, set balanced cement plug between 650' and 450', 8-5/8" surface pipe was set at 549', nipple down Danco 7-1/16" x 3M rental BOP and release, nipple down Murfin 11" x 3M annular BOP and release, cut off 8-5/8" casing and prepare to set surface plug, pick up 1 jt 2-1/16" tubing and 10' pup jt, set in hole and secure with rig elevators, end of tubing at 41.08', rig up Halliburton and circulate hole with fresh water, mix and pump 30 sacks Premium cement at 1.18 yield at 15.6# PG at 2 BPM at 0#, shut down, rig down Halliburton, capped 8-5/8" casing with 1/2" steel plate with company name, lease and date, rental's released, rig down WellTech and move to Barrett #1B-14, location cleaned and leveled, weighted mud frac tank cleaned and released,

WellTech $1506 Halliburton $14,121 Feese Welding $1215
Wamsley Trucking $250 Nichol's Fluid Service $50 Webber $1000
Crown $225
DWC $18,367

78,965 00