

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

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

API NUMBER 15-151-21,461-00-00

LEASE NAME HEARN

WELL NUMBER 1-29

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

2310 Ft. from S Section Line

3300 Ft. from E Section Line

N/2 NE SW
SEC. 29 TWP. 29 RGE. 12 (XXX(W))

LEASE OPERATOR F G HOLL CO

COUNTY PRATT

ADDRESS P O BOX 780167 WICHITA, KANSAS 67278-0167

PHONE#(316 684-8481) OPERATORS LICENSE NO. 5056

Date Well Completed _____

Character of Well OIL

Plugging Commenced 2-17-94

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

Plugging Completed 2-21-94

The plugging proposal was approved on FEB. 21, 1994 (date)

by BARLOW; 2 sx. hulls, 10 gel, 50 cement, 10 gel, 1 hulls, (KCC District Agent's Name).

Is ACO-1 filled? YES plug, 100 sx. cement, 60-40 poz, 6% gel if not; Is well log attached? _____

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 4575

PBTD:4562

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
		0	437	8 5/8	437'	0
		0	4575	4 1/2	4575	1500 FT. 37 JTS.
				3/4 RODS		173 RODS
				2 3/8 TBC		138 JTS.

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.

2-17-94: Rigged up and layed down 173 x 3/4 rods and 138 jts. of 2 3/8" tubing.

2-18-94: Dumped 5 bbls. of sand in the well, sand at 4185 ft., Dumped 4 sx. of cement on top of sand. PRATT WELL SERVICE, INC. NOT ON LOCATION FOR TOP HOLE PLUG

4-21-94: Shot off casing, layed down 37 joints, rigged down and moved off. (If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor PRATT WELL SERVICE, INC. License No. 5893

STATE CORPORATION COMMISSION

Address P O Box 847 Pratt, Kansas 67124

FEB 25 1994

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: F G Holl Co

STATE OF Kansas COUNTY OF Pratt, ss.

CONSERVATION DIVISION
Wichita, Kansas

Judy Berry (Employee of PRATT WELL SERVICE, INC.)
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.

Pratt Well Service, Inc.

(Signature) Judy Berry

(Address) P O Box 847 Pratt, Ks. 67124



SUBSCRIBED AND SWORN TO before me this 23rd day of February, 19 94

Dorothy M. Furgason
Notary Public

My Commission Expires: February 6, 1997

FEB 0 1994

CONSERVATION DIVISION
WICHITA, KS

HEARN #1 (4550' TD)
Prop 74668, AFE 842649
AFE Cost: \$208,100
1980' FWL & 2310' FSL
Pratt Co./TXO : 75
29-29S-12W/Freeman #1

FINA ACCEPTED .25

ELEV:

- 7-24-84 853' (853') DRLG. 9.4/32. MI & RU Freeman, Rig #1 on location @ 2310' FSL & 1980' FWL of Section 29-29S-12W, Pratt Co., KS. Spud 12-1/4" hole @ 7:45 p.m. 7-23-84. Ratholeing ahead. Day #1. (\$12,620).
- 7-25-84 1700' (847') DRLG. 9.6/30. Drld to 1009' w/no lost circ. RIH w/10 jts (tally 425') ~~(8-5/8" 237' new csg. Landed @ 437'. Ont w/225 sxs late, 129 sxs common, 2% gel, 3% CaCl. Ont did circ. P.D. @ 12:15 p.m. by Sun. WOC 8 hrs. Day #2. (\$26,180).~~
- 7-26-84 2400' (700') DRLG. 9.6/30. Day #3. (\$33,362).
- 7-27-84 2815' (415') TSTG. 8.8/37/10.5. Ran DST #1, 2792-2815', Indian Cave. GTS in 4". Gauged 415 MCFD. ELEV: 1878' G.L. 1891' K.B. Day #4. (\$39,938).
- 7-28-84 3242' (427') DRLG. 9.0/36/10.5. Ran DST #1, 2792-2815'. IFP/30"=70-182 psig. First open: GTS in 4". Gauged 10"=341 MCFD, 30"=442 MCFD. ISIP/60"=1073 psig. FFP/45"=112-182 psig. Second open: Gauged 10"=526 MCFD stabilized @ 499 MCFD. FSIP/90"=1073 psig. Rec. 150' GCM, 120' MSW (Cl=30,000 ppm). Day #5. (\$47,065).
- 7-29-84 3907' (665') DRLG. 9.1/39/10. Day #6. (\$53,991).
- 7-30-84 4357' (450') DRLG. 9.3/40/10. Day #7. (\$58,872).
- 7-31-84 4451' (94') DRLG. 9.2/42/9. Ran DST #2, 4336-75', Miss. IFP/30"=strong blow 90-77 psig. ISIP/60"=454 psig. FFP/45"=strong blow 77-64 psig. FSIP/90"=662 psig. Rec. 900' GIP + 50' GCM. Day #8. (\$65,446).
- 8-1-84 4575' (124') CFS. 9.2/47/10.5. Ran DST #3, 4490-4523', Viola. IFP/30"=77-77 psig, strong blow. ISIP/60"=194 psig. FFP/45"=64-77 psig, strong blow. FSIP/90"=259 psig. Rec. 50' slightly oil specked drlg mud. Day #9, (\$71,528).
- 8-2-84 4575' (0') CTCH. 9.2/49/10.5. Ran Dresser Atlas O.H. Logs. LTD 4576'. LDDP. RIH w/114 jts ~~(4-1/2" 10.5% new csg. Set @ 4575'. Float @ 4565'. DV tool @ 2996'. Ont bottom stage w/40 bbls 2% KCl wtr, 500 gals mud flush, 150 sxs Class 'A' w/10% salt + .75% CFR-2. Good circ. throughout. P.D. @ 5:15 a.m. on 8-2-84. Opened DV tool & CTCH. Day #10. (\$102,640).~~
- 8-3-84 4575' WOCU. ~~Circ. through DV tool 3 hrs. RU Sun. Pumped 40 bbls 2% KCl wtr, 500 gals mud flush, 150 sxs Class 'A' w/10% salt + .75% CFR-2. Good circ. throughout. P.D. @ 9:45 a.m. on 8-2-84. WAITING ON COMPLETION UNIT. DROP FROM REPORT.~~
- 8-10-84 2996' PBD. MI & RU Gallagher Well Service. Swabbed down 4-1/2" csg to DV tool @ 2996'. Rigged for tbg & SDON. (\$110,600).
- 8-11-84 2996' PBD. RIH w/5' Geo-Vann perforating gun, firing head, 4' sub, 1 jt 2-3/8", fill disk, S.N., 1 jt 2-3/8", 6' sub w/RA marker, 86 jts 2-3/8", 10' sub. Fill disk @ 2762', S.N. @ 2762'. Dropped detonating bar, perfed Indian Cave, 2801-06' w/4 JSPF. Flow tested 1-1/2 hrs. FCP=270 psig. FTP=12 psig. 69 MCFD. Ran swab. Rec. 4 bbls MSW. Flow tested 7-1/2 hrs. FCP=150 psig, FTP=10 psig (open choke). Well making 2.5 BWFH. Left well flowing overnight. (116,700).