

TO:  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION - PLUGGING  
130 SOUTH MARKET, SUITE 2078  
WICHITA, KANSAS 67202

API Well Number: 15-051-25814-00-00  
Spot: N2S2NW Sec/Twnshp/Rge: 36-13S-20W  
3630 feet from S Section Line, 3960 feet from E Section Line  
Lease Name: ENGEL Well #: 1  
County: ELLIS Total Vertical Depth: 3933 feet

Operator License No.: 30380  
Op Name: HUPFER OPERATING, INC.  
Address: PO BOX 3912  
SHAWNEE, KS 66203

String	Size	Depth (ft)	Pulled (ft)	Comments
SURF	8.625	237	0	150 SX CMT
T1	2.875	3804		
PC		1530		
PROD	5.5	3927	0	150 SX CMT
RBP		3860		

127-82

Well Type: OIL UIC Docket No: \_\_\_\_\_ Date/Time to Plug: 10/05/2009 1:00 PM  
Plug Co. License No.: 3004 Plug Co. Name: GRESSEL OILFIELD SERVICE, INC.  
Proposal Rcvd. from: DENNIS D. HUPFER/HUPFE Company: HUPFER OPERATING, INC. Phone: (913) 400-3777

Proposed Plugging Method: Ordered 350 sxs 60/40 pozmix - 4% gel - 500# hulls - 12 sxs gel.  
Two staged P.C. at 1530' w/232 sxs.  
Bridge plug at 3860'.

Plugging Proposal Received By: CASE MORRIS WitnessType: COMPLETE (100%)  
Date/Time Plugging Completed: 10/05/2009 2:45 PM KCC Agent: PAT STAAB

Actual Plugging Report:

Gressel Oil Field Service rigged to 5 1/2" casing - pumped 50 sxs cement with 200# hulls - followed with 12 sxs gel - followed with 250 sxs 60/40 pozmix - 4% gel with 100# hulls mixed in.  
Max. P.S.I. 800#. S.I.P. 400#.  
Rigged to 8 5/8" casing - pumped 10 sxs cement.  
Max. P.S.I. 100#. S.I.P. 100#.

Perfs:

Top	Bot	Thru	Comments
3871	3877		ARBUCKLE
3820	3834		MARMATON

RECEIVED  
OCT 08 2009  
KCC WICHITA

INVOICED

DATE 11-13-09  
INV. NO. 2010060487

Remarks: GRESSEL OIL FIELD SERVICE, INC.-TICKET #C32944.

Plugged through: CSG

District: 04

Signed \_\_\_\_\_

(TECHNICIAN)

CM  
PF

OCT 05 2009

HUPFER OPERATING  
HAYS KS 67601

#1 ENGEL

36-13S-20W  
C N/2 S/2 NW  
KANSAS

City: ELLIS  
Site: 3-1/4 S & 2-3/4 E OF ELLIS KS  
Field: IRVIN

Spot: C N2 S2 NW API 15-051-25814  
Lat/Long: 38.88068 -99.49832

GAS

FR: 08/12/2008 Spd: 09/23/2008 Drig Cp: 09/30/2008 Issued: 04/27/2009 Revised: 04/27/2009

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Side 1

**IP Status:**

**GAS, P 1 BO & 200 BWP, MARM 3820-3834,  
11/25/2008**

**Contr: DISCOVERY DRILLING #1**

**Geol: JAMES C. MUSGROVE**

**Elev: 2234 KB, 2226 GL, 2232 DF**

**Formation Tops: (L-Log, S-Sample, D-Driller)**

L ANH	1532 +702
L HEEB	3485 -1251
L TOR	3506 -1272
L LANS	3529 -1295
L BKC	3792 -1558
L MARM	3816 -1582
L ARB	3866 -1632
LTD	3930 -1696
RTD	3933 -1699

**Csg: 8-5/8" 237.37 / 150 SX (ALT 2), 5-1/2" 3927 / 150  
SX, PORT COLLAR AT 1530 / 232 SX**

**Finds:**

**COMMENT: PROPOSED START 9/1/2008; MI &  
RURT 9/22-9/23/2008  
NO CORES**

**DST(1) 3576-3630 (LKC) 30-30-30-30, WB ON  
BOTH OPENS, REC 5' DM ISIP 706# FSIP 692#  
IFP 29#-40# / FFP 39#-45#**

**DST(2) 3666-3730 (LKC) 30-30-30-30, F 40'  
DM ISIP 489# FSIP 444# IFP 30#-44# /  
46#-50#**

**DST(3) 3820-3872 (ARB) 30-30-30-30, S ON  
BOTH OPENS, REC 470' TF: 290' GSY OCMW  
(20% G, 22% OIL, 20% W, 38% M), 180' GSY  
OCWM (5% G, 10% OIL, 80% W, 5% M) ISIP 1162#  
FSIP 1018# IFP 45#-151# / FFP 153#-241#**

**Comp Info: TRGT ZN: ARB (OIL), PTD 3857 (ARB),  
MICT (9/28/2008) - CO, PF (ARB) 3871-3877, W / 2  
SPF, SO & G, NAT, FU 2600' WTR & 20' CIL/14  
HRS, SWB 20 BFPH (1% OIL), NON-COMMERCIAL,  
SET CIBP AT 3860, PF (MARM) 3820-3834, W / 3**