

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 6378
Name Hawkins Oil & Gas, Inc.
Address 400 S. Boston, Suite 800
City/State/Zip Tulsa, OK 74103

Purchaser SI WOPI

Operator Contact Person Butch Smith
Phone 918-535-3121

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Don Huber
Phone 316-624-8222

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If CWNO: old well info as follows:

Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

3-28-86 4-11-86 6-17-86
Spud Date Date Reached TD Completion Date

5430
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 1621 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15-129-20,797-0000
County Morton
C SW NE Sec. 28 Twp. 32S. Rge. 42 East West

3300 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

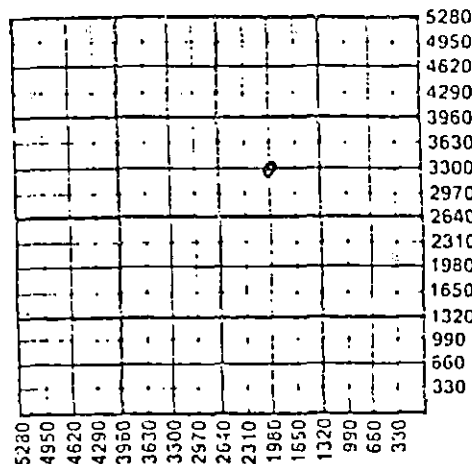
Lease Name PANKRATZ Well # 1-28

Field Name Pankratz

Producing Formation Morrow

Elevation: Ground 3515 KB 3525

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # N/A Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

X Other (explain) Paid Land owner for water (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Butch Smith
Title Production Manager Date 5/6/87

Subscribed and sworn to before me this 6th day of May 1987
Notary Public

Date Commission Expires 1-11-89

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Operator Name Hawkins Oil & Gas, Inc. Lease Name Pankratz Well # 1-28

Sec. 28 Twp. 32S Rge. 42 East West County Morton

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates. If gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3451-3468'. IH 1643#. IF (30")
 81-65#. ISI (60"), 581#. FF (45") 97-81#. FSI (90"), 581#. FH 1643#. Rec. 80' drilling mud.

 DST #2 4905-4980' 30-60-60-120
 IH 2334#. IF 484-419# (30"). GTS 2". Stab. @ 1729 MCF. ISI 1080# (60"). FF 484-419# (60"). TD Stab. 1764 MCF. FSI 1080# (120"). FH 2334#. BHT 136°F. Rec. 75' SOCDM.

| Name | Top | Bottom |
|----------|-------|--------|
| Neva | 2532' | 2080' |
| Topeka | 2970' | 3312' |
| Heebner | 3312' | 4537' |
| Morrow | 4537' | 4998' |
| Keyes | 4998' | 5032' |
| Chester | 5032' | 5122' |
| St. Gen. | 5122' | 5430' |
| TD | 5430' | |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|---|---|----------------|---|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (in O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface | 12 1/4" | 8 5/8" | 24# | 1621 | Lite | 650 | 2% CC |
| | | | | | CJ.H | 200 | 3% CC |
| Production | 7 7/8" | 5 1/2" | 15.5# | 5430 | Standard | 50 | |
| | | | | | Selfstress | 300 | .25#/sx D-60 |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 2 | 4951-4959 (squeezed) | | | treated with 1000 gals. diesel | | 4951-59' | |
| 2 | 4916-4926 | | | " " " " | | 4916-26' | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| SI, WOPL | | | | | | | |
| Estimated Production Per 24 Hours | | Oil | Gas | Water | Gas-Oil Ratio | Gravity | |
| | | 0 bbls | 537 MCF | abls | CFPB | | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 To be sold Used on Lease Dually Completed Commingled

.....4916-4926'.....

.....

GEARHART
DUAL INDUCTION
LATERAL LOG

COMPANY: HARRIS OIL & GAS, INC.
WELL: PANKRATZ NO. 1-28
FIELD: ALCOCK
LOCALITY: NORTH STATE, MISSOURI
DATE: 2-28-46

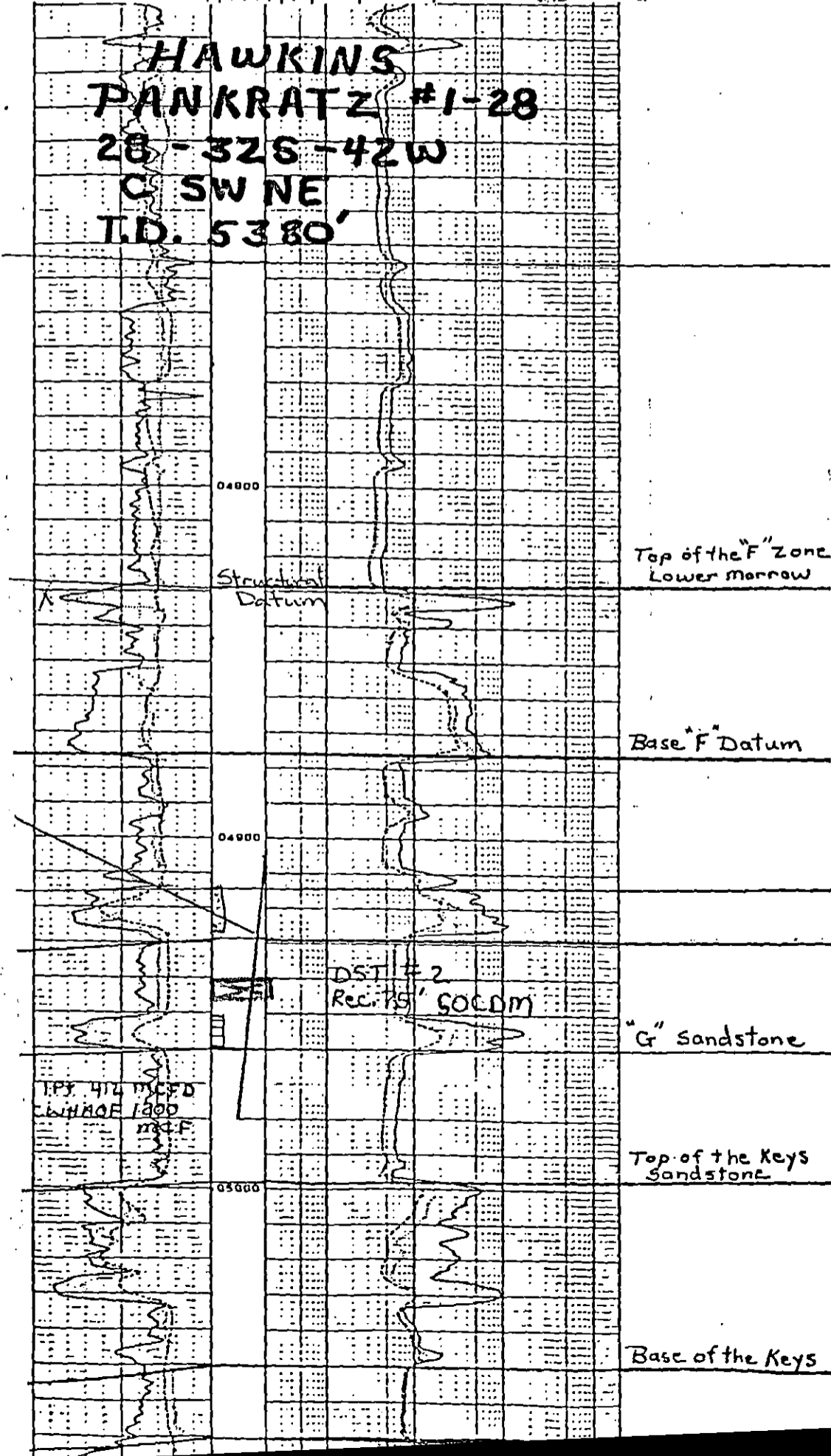
6-10-46
3280
3270
3260
3250
3240
3230
3220
3210
3200
3190
3180
3170
3160
3150
3140
3130
3120
3110
3100
3090
3080
3070
3060
3050
3040
3030
3020
3010
3000
2990
2980
2970
2960
2950
2940
2930
2920
2910
2900
2890
2880
2870
2860
2850
2840
2830
2820
2810
2800
2790
2780
2770
2760
2750
2740
2730
2720
2710
2700
2690
2680
2670
2660
2650
2640
2630
2620
2610
2600
2590
2580
2570
2560
2550
2540
2530
2520
2510
2500
2490
2480
2470
2460
2450
2440
2430
2420
2410
2400
2390
2380
2370
2360
2350
2340
2330
2320
2310
2300
2290
2280
2270
2260
2250
2240
2230
2220
2210
2200
2190
2180
2170
2160
2150
2140
2130
2120
2110
2100
2090
2080
2070
2060
2050
2040
2030
2020
2010
2000
1990
1980
1970
1960
1950
1940
1930
1920
1910
1900
1890
1880
1870
1860
1850
1840
1830
1820
1810
1800
1790
1780
1770
1760
1750
1740
1730
1720
1710
1700
1690
1680
1670
1660
1650
1640
1630
1620
1610
1600
1590
1580
1570
1560
1550
1540
1530
1520
1510
1500
1490
1480
1470
1460
1450
1440
1430
1420
1410
1400
1390
1380
1370
1360
1350
1340
1330
1320
1310
1300
1290
1280
1270
1260
1250
1240
1230
1220
1210
1200
1190
1180
1170
1160
1150
1140
1130
1120
1110
1100
1090
1080
1070
1060
1050
1040
1030
1020
1010
1000
990
980
970
960
950
940
930
920
910
900
890
880
870
860
850
840
830
820
810
800
790
780
770
760
750
740
730
720
710
700
690
680
670
660
650
640
630
620
610
600
590
580
570
560
550
540
530
520
510
500
490
480
470
460
450
440
430
420
410
400
390
380
370
360
350
340
330
320
310
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

TIGHT HOLE

LOG NO. 1000

COMPILED BY: HARRIS OIL & GAS, INC.

CONFIDENTIAL



STAT-
JAN 7 1988
CONSERVATION DIVISION
Wichita, Kansas