

DAVIS OIL COMPANY

1230 DENVER CLUB BLDG.  
DENVER, COLORADO 80202  
TELEPHONE 255-4661

NEW YORK  
NEW ORLEANS  
HOUSTON, TEXAS

RECEIVED

JAN 9 1974

COLORADO OIL & GAS CONSERVATION COMMISSION



January 8, 1974

Colorado Oil and Gas Conservation Commission  
1845 Sherman Street  
Room 237  
Denver, Colorado 80203

Attn: Mr. Jim McKee *Jim*

Re: Harms No. 1  
Wildcat  
Weld County, Colorado

Gentlemen,

Copies of the form 5 for Davis Oil Company, Harms No. 1, NE/4 of NE/4 of Section 7, T11N R59W, Weld County, Colorado are attached.

We plan to plug the well as soon as practical, weather permitting, and will send you the required *form* ~~from~~ 4 reports at that time.

Yours very truly,

*C.A. Wieder*

C.A. Wieder  
Reservoir Engineer

CAW/rh

*4/29/74 Per phone call, to be P & A soon.  
John Reilly.*

Contractor Lewmont Drlg. Assoc.  
 Rig No. 2  
 Spot NE-NE  
 Sec. 7  
 Twp. 11 N  
 Rng. 59 W  
 Field Wildcat  
 County Weld  
 State Colorado  
 Elevation ?  
 Formation "J" Sand

Top Choke 1"  
 Bottom Choke 9/16"  
 Size Hole 7 7/8"  
 Size Rat Hole None  
 Size & Wt. D. Pipe 1 1/2" 16.60  
 Size Wt. Pipe None  
 I. D. of D. C. 2 1/2"  
 Length of D. C. 459'  
 Total Depth 7620'  
 Interval Tested 7491-7504  
 Type of Test Straddle

Tool Open @ 11:30 A.M.

Flow #1 60 Min. SIP #1 60 Min. Flow #2 10 Min. SIP #2 None Min.  
 Flow #3        Min. SIP #3        Min. Flow #4        Min. SIP #4        Min.  
 B. H. T. 182° Gravity         
 Mud Wt. 10.0 Viscosity 80

## TOOL SEQUENCE

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NOV 30 1971

COLD OIL &amp; GAS CONS. COMM.

7485-----○

7491-----○

7504-----○

TD 7620-----○

Operator Davis Oil Co.  
 Address See Distribution

Well Name and No. Harms #1  
 Ticket No. 15131

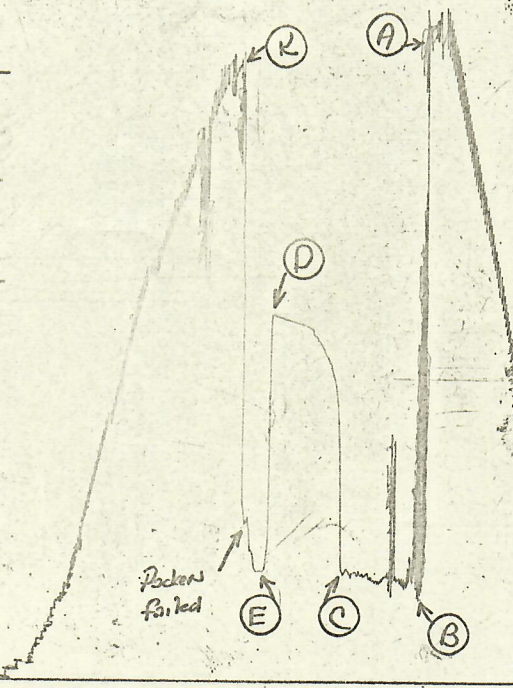
Date 11-24-71

DST No. 2 Mis-run  
 No. Final Copies 18

T-15131

R-988

Mis-run



PRD Make Kuster AK-1  
 No. 988 Cap. 4700 @ 7509  
 Press Field Corrected

IH	A	3742	3869
FH	K	3730	3733
Flow #1-IF	B	518	478
FF	C	647	642
SIP #1	D	2181	2203
Flow #2-IF	E		661
FF	F	None	Taken
SIP #2	G	"	"
Flow #3-IF	H	"	"
FF	I		
SIP#3	J		

Pressure Below  
 Bottom Packer  
 Bled To

Bottom  
 Packer Failed

Our Tester: T. Rittenhouse

Witnessed By: Douglas Legaeie

## RECOVERY IN PIPE

DID WELL FLOW - Gas Yes Oil No Water No

1190' Total fluid  
 180' Heavily oil-cut mud = 2.55 Bbl.  
 920' Mud & gas-cut water = 9.63 Bbl.  
 90' Drilling mud = .44 Bbl.

## REMARKS:

1st Flow - Good blow throughout period.  
 2nd Flow - Re-opened tool with gas to surface in 2 minutes. Packer seat failed in 10 minutes.

Corrected pressures in 6 minute increment readings on following page.

THIS IS A MIS-RUN

DAVIS OIL CO.  
Harms #1 DST #2 Mis-run Ticket #15131

---

SIP #1

6 mins.	1827	lbs.
12 "	1948	"
18 "	2034	"
24 "	2090	"
30 "	2136	"
36 "	2150	"
42 "	2164	"
48 "	2176	"
54 "	2190	"
60 "	2203	"

SIP #2

None Taken

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OLD OIL & GAS CONS. COMM.

DST RECORD

DST No. 1. 7492 to 7510' drlr.

Virg's straddle test w/18' between packers and 110' of anchor. T.D. 7620' drlr.

15 min preflow w/strong blow in 10 min.

45 min initial shutin.

90 min open w/strong blow throughout. Gas to surf. in 55 min.

90 min final shutin.

Recovered: 40' clean high gravity oil.

90' HO&GC mud (30% oil).

520' Very highly gas cut mud w/sli show oil.

IH 3862

IF 352

ISI 3354

FH 3851

FF 352

FSI 2848

BHT 184

Bottom packer failed.

DST No. 2. 7491 to 7504' drlr.

Virg's straddle test w/13' between packers and 116' of anchor. T.D. 7620' drlr.

60 min open w/strong blow.

60 min initial shut in.

10 min open w/gas to surf. in 2 min. Packers failed in 10 min.

Recovered: 180' HOC mud.

920' Mud cut & gas cut water.

90' Mud

IH 3742

IF 518

ISI 2181

FH 3730

FF 647

FSI 2181

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OIL & GAS CONS. COMM.

Davis Oil Co., #1 Harms, Weld Co., Colorado.

SAMPLE DESCRIPTIONS

Samples examined and logged from 7300' to T.D. by  
P. R. Buehler, geologist on location.

7300-7350 Sh, gry, fiss.  
7350-7370 Sh, gry, fiss.  
7370-7380 Sh, gry, fiss.

TOP "D" SAND 7386' Schlum

7380-7400 Sh, gry, fiss.  
7400-7410 Sh, gry, fiss.  
7410-7420 Siltst to v.f.g. ss, tan-brn, v. dns, qtzic. V. Low to no  
por. Brn oil stain. Dull yell fluor. Poor cut.  
7420-7430 Tr siltst as above and sh, gry.  
7430-7460 Sh, gry.  
7460-7480 Sh, gry w/siltst, gry, dns, silic.

TOP "J" SAND 7480' Schlum

7480-7490 Ss, wh-gry, m.g., sa-sr, sli s&p, sli glauc, w/wh cly fill.  
Low por. No show.  
7490-7500 Same  
7500-7510 Ss, m.g., wh-gry, sa-sr, sli s&p, sli glauc, v. lite oil stain,  
bright yell fluor. Fair streaming cut. Med low por.  
7510-7520 Ss, as above.  
7520-7530 Ss, m.g., wh, w/wh cly fill. Low por. No show.  
7530-7540 Ss, as above. No show.  
7540-7550 Ss, as above.  
7550-7560 Ss, as above w/siltst gry.  
7560-7570 Siltst, gry & sh, gry.  
7570-7580 Sh, gry.  
7580-7590 Sh, gry.  
7590-7600 Sh, gry.  
7600-7610 Sh, gry.  
7610-7620 Sh, gry.  
T.D. 7620 drlr; 7606' Schlum.

Very truly yours,

Paul R. Buehler,  
Geologist

Davis Oil Co., #1 Harms, Weld Co., Colorado

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COLO. OIL & GAS CONS. COMM.

CRONOLOGICAL LOG

11/17 Rig up. Spud @ 10:00 A.M. Drld 140' of 12 1/4" surf. hole.  
Ran 4 jts. (127.18') of 24#, 8 5/8" new csg. Set @ 137' K.B.  
By Dowell w/100 sxs. 50-50 poz w/3% cacl. Good returns.  
Plug down @ 12:00 noon. W.O.C. Drlg 140' to 490'.  
11/18 Drlg 490' to 3674'.  
11/19 Drlg 3674' to 5448'.  
11/20 Drlg 5448' to 6920'.  
11/21 Drlg 6920' to 7474'.  
11/22 Drlg 7474' to 7620' T.D.  
11/23 Ran Schlum Dual Ind. Log & GR/Sonic. Ran DST #1.  
11/24 Ran DST #2.  
11/25 Ran production ssg.

BIT RECORD

1.	7 7/8"	Smith	DSJ	140-1510'	1370'	10 1/2 hours
2.	"	"	"	-4309'	2799'	18 1/4
3.	"	"	DT	-5761'	1452'	17 1/4
4.	"	"	"	-6920'	1159'	14
5.	"	"	"	-7474'	554'	12
6.	"	HTC	WDR	-7571'	97'	11
7.	"	"	OD4J	-7620'	49'	4 1/4

SLOPE TESTS

11/17	140	1/4	11/18	3674	1
11/18	595	1/2	11/19	4142	1
11/18	1060	1/2	11/20	5481	1
11/18	1520	1 1/4	11/21	6920	1 1/4
11/18	2462	3/4			

# DISTRIBUTION OF FINAL DST REPORTS

Company Operating Well Davis Oil Co. Tkt. No. 15130  
 Lease Harms Well No. 1 Field Wildcat  
 County Weld State Colorado Sec. 7 Twp. 11 N Rng. 59 W Spot NE-NE  
11-23-71 7492-7510  
 DST. No. 1 Mis-run & 2 Mis-run Date of Test 11-24-71 Interval Tested 7491-7504

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Our Tester \_\_\_\_\_ Approved by \_\_\_\_\_

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