

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

S

API NO. 15-199-20176-0000 JAN 25 1991

County Wallace FROM CONFIDENTIAL

C-5E/4 NE/4 Sec. 34 Twp 12S Rge. 39E

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

Lease Name Grund Well # 34-1

Field Name Wildcat

Producing Formation D&A

Elevation: Ground 3414 KB 3426

Operator: License # 3578
Name Medallion Petroleum, Inc.
Address 2000 Mid. Cabinet, T.P.N.W.
401 S. Boston
City/State/Zip Tulsa, OK 74103

Purchaser NA

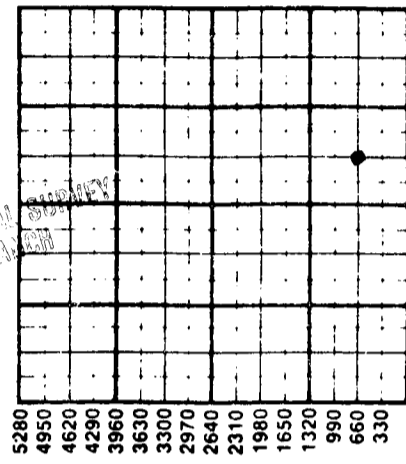
Operator Contact Person Lee C. Francis
Phone 918 582-4445

Contractor: License # 6033
Name Muckin Drilling Company

Wellsite Geologist Randy Say
Phone 303 421-2938

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If **OWWO**: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

Section Plat



KANSAS CORPORATION COMMISSION
WICHITA, KANSAS
AUG 25 1989
08-25-1989

MT D&A

WATER SUPPLY INFORMATION

Disposition of Produced Water: NA Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T.B.P. 3015
Dale Radcliff Irrigation Well

Groundwater 1320 Ft North from Southeast Corner
(Well) 3960 Ft West from Southeast Corner of
Sec 20 Twp 13S Rge 39E East West

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

Other (explain).....
(purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7-15-89 7-22-89 7-24-89
Spud Date Date Reached TD Completion Date
5000' 5000' NA
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 390' 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 #

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 Lee C. Francis

Title Manager of Production Date 8/11/89

Subscribed and sworn to before me this 11 day of August 1989
Notary Public Linda K. Boat

Date Commission Expires December 3, 1990

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

Operator Name Medallion Petroleum, Inc Lease Name Grund Well # 34-1

Sec. 34 Twp. 12 S Rge. 39 East West County Wallace **RELEASED.**

WELL LOG

JAN 23 1991

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores, Report all 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.

FROM CONFIDENTIAL

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

Formation Description
 Log Sample

Name Spit Top Bottom

see attached geological report

DW
KCC

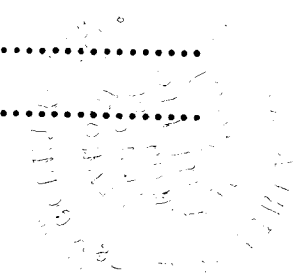
DST# / 4720' - 5000' 30" - 60" - 60" - 120"
Recovery: 303' Drilling Mud
FH 2301#; FH 2229#;
IF. 90-132#; FF. 168-196#;
ISIP 1043#; FSIP 1042#;

CASING RECORD <input checked="" 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	390	Cement	200	2% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Size	Set At	Packer at					
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Coningled



CONFIDENTIAL

ORIGINAL

MEDALLION PETROLEUM, INC.

GRUND #34-1

C SE/4 NW/4

SECTION 34-T12S-R39W
WALLACE COUNTY, KANSAS

15-199-20,176-00-00

RELEASED

JAN 25 1991

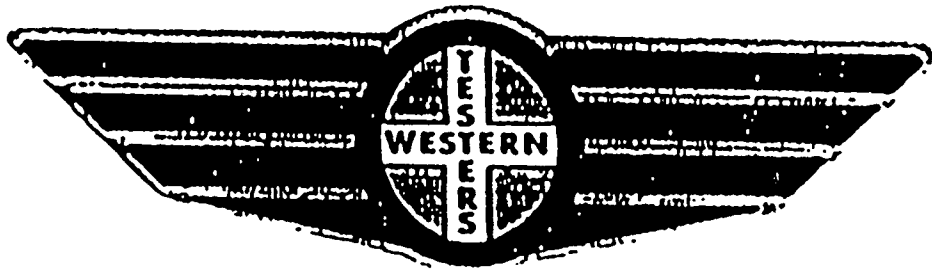
FROM CONFIDENTIAL

FORMATION/ZONE	DEPTH (FEET)	DATUM (KB-4446')
Quaternary Eolian Sand	Surface	----
Niobrara		
Fort Hays		
Codell		
Dakota		
Morrison		
PERMIAN		
Day Creek		
Blaine		
Cedar Hills		
Stone Corral	2682	742
Stone Corral(BASE)	2710	714
Wellington Sand	NOT DEV	3424
Neva	3290	134
Foraker	3382	42
Virgil	3432	-8
Shawnee/Topeka	3758	-334
Heebner Shale	3986	-562
Toronto Limestone	4010	-586
Lansing Kansas City	4034	-610
Marmaton	4386	-962
-Pawnee Member	4410	-986
-Fort Scott Member	4492	-1068
Cherokee	4534	-1110
Atoka	4630	-1206
Morrow Shale(SONIC)	4740	-1316
Morrow Shale(STRAT)	4748	-1324
Morrow SS UPPER "A"	4748	-1324
Morrow SS "A"-BASE	4753	-1329
Morrow SS FUNK	NOT DEV	
Morrow SS (Arapahoe)	4836	-1412
Morrow SS (Arapahoe)BASE	4842	-1418
Lower Morrow/Keyes Lime	4858	-1434
MISSISSIPPIAN		
-St. Genevieve		
-St. Louis	4898	-1474
-Spergen		
TOTAL DEPTH(DRILLER)	5000	-1576
TOTAL DEPTH(STRAP)	5002	-1578
TOTAL DEPTH ELECTRIC LOG	4998	-1574

DEC 16 1990

15-199-20176-00-00
ORIGINAL

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY MEDALLION PETROLEUM, INC.

LEASE & WELL NO.

GRUND 34-1

SEC. 34

TWP 12S RGE 39W

TEST 1

DATE 07/23/89

15-199-20176

15-199-20176-00-00

ORIGINAL

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	7/23/89	TICKET	:	14815
CUSTOMER	:	MEDALLION PETROLEUM INC.	LEASE	:	GRUND
WELL	:	#34-1 TEST: 1	GEOLOGIST	:	BASSETT
ELEVATION	:		FORMATION	:	MORROW SAND
SECTION	:	34	TOWNSHIP	:	12S
RANGE	:	39W	COUNTY	:	WALLACE
GAUGE SN#	:	3849	RANGE	:	4200
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4720	TO	:	5000	TOTAL DEPTH	:	5000
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4715	SIZE	:	6.75			
PACKER DEPTH	:	4720	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	MURFIN DRILLING RIG #24			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	44
WEIGHT	:	9.1	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	3000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	413
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	238	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4453	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	280	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 XH

BLOW COMMENT #1	:	INITIAL FLOW PERIOD-WEAK BLOW IN WATER BUILDING
BLOW COMMENT #2	:	TO 3 INCHES DEEP
BLOW COMMENT #3	:	FINAL FLOW PERIOD-WEAK SURFACE BLOW IN WATER-
BLOW COMMENT #4	:	BUILDING TO 1 1/2 INCHES DEEP

RELEASED

JAN 25 1991

FROM CONFIDENTIAL

15-199-20176-00-00

RECOVERED : 303 FT OF: DRILLING FLUID (MUD)
RECOVERED : 0 FT OF: CHLORIDES 9000 PPM

Total Barrels Fluid = 2.03
Total Fluid Prod Rate = 32.49 BFPD
Indicated Wtr Rate = 0.32 BWPD

K C C

JAN 25 1991

REMARK 1 : SLIGHT PLUGGING FFP
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 6:55 AM TIME STARTED OFF BOTTOM : 11:25 AM
WELL TEMPERATURE : 150
INITIAL HYDROSTATIC PRESSURE (A) 2301
INITIAL FLOW PERIOD MIN: 30 (B) 90 PSI TO (C) : 132
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1043
FINAL FLOW PERIOD MIN: 60 (E) 168 PSI TO (F) : 196
FINAL CLOSED IN PERIOD MIN: 120 (G) 1042
FINAL HYDROSTATIC PRESSURE (H) 2229

RELEASED

JAN 25 1991

FROM CONFIDENTIAL

15-199-20176-00-00

ORIGINAL

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : MEDALLION PETROLEUM INC.
RIG : WALLACE-KANSAS
FIELD : GRUND
WELL : #34-1
DATE : 7/23/89
GAUGE NO : 3849

OPERATIONAL COMMENTS

SLIGHT PLUGGING FFP

15-199-20176-00-00

ORIGINAL

COMPANY : MEDALLION PETROLEUM INC.
 WELL : #34-1
 GAUGE # : 3849
 DATE : 23/ 7/89

FIELD : GRUND
 JOB # : 14815
 DEPTH : 5000
 TEST : SLIGHT PLUGGING FFP

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	6:05:0	0.000	90.000	150.00	0.000
3	6:59:59	0.083	90.000	150.00	0.000
4	7: 5: 0	0.167	91.000	150.00	1.000
5	7:10: 0	0.250	100.000	150.00	9.000
6	7:14:59	0.333	109.000	150.00	9.000
7	7:20: 0	0.417	112.000	150.00	3.000
8	7:25: 0	0.500	132.000	150.00	20.000
INITIAL SHUT-IN PERIOD					
9	7:28: 0	0.550	476.000	150.00	344.000
10	7:31: 0	0.600	680.000	150.00	204.000
11	7:34: 0	0.650	813.000	150.00	133.000
12	7:37: 0	0.700	885.000	150.00	72.000
13	7:40: 0	0.750	922.000	150.00	37.000
14	7:43: 0	0.800	950.000	150.00	28.000
15	7:46: 0	0.850	969.000	150.00	19.000
16	7:49: 0	0.900	983.000	150.00	14.000
17	7:52: 0	0.950	994.000	150.00	11.000
18	7:55: 0	1.000	1002.000	150.00	8.000
19	7:58: 0	1.050	1010.000	150.00	8.000
20	8: 1: 0	1.100	1019.000	150.00	9.000
21	8: 4: 0	1.150	1023.000	150.00	4.000
22	8: 7: 0	1.200	1027.000	150.00	4.000
23	8:10: 0	1.250	1029.000	150.00	2.000
24	8:13: 0	1.300	1031.000	150.00	2.000
25	8:16: 0	1.350	1033.000	150.00	2.000
26	8:19: 0	1.400	1039.000	150.00	6.000
27	8:22: 0	1.450	1041.000	150.00	2.000
28	8:25: 0	1.500	1043.000	150.00	2.000
FINAL FLOW PERIOD					
29	8:26: 0	1.517	168.000	150.00	-875.000
30	8:29:59	1.583	168.000	150.00	0.000
31	8:35: 0	1.667	168.000	150.00	0.000
32	8:40: 0	1.750	170.000	150.00	2.000
33	8:44:59	1.833	172.000	150.00	2.000
34	8:50: 0	1.917	174.000	150.00	2.000
35	8:55: 0	2.000	177.000	150.00	3.000
36	8:59:59	2.083	181.000	150.00	4.000
37	9: 5: 0	2.167	181.000	150.00	0.000
38	9:10: 0	2.250	205.000	150.00	24.000
39	9:14:59	2.333	196.000	150.00	-9.000
40	9:20: 0	2.417	196.000	150.00	0.000
41	9:25: 0	2.500	196.000	150.00	0.000
42	9:28: 0	2.550	196.000	150.00	0.000
FINAL SHUT-IN PERIOD					
43	9:31: 0	2.600	418.000	150.00	222.000
44	9:34: 0	2.650	665.000	150.00	247.000
45	9:37: 0	2.700	787.000	150.00	122.000
46	9:40: 0	2.750	853.000	150.00	66.000
47	9:43: 0	2.800	890.000	150.00	37.000
48	9:46: 0	2.850	915.000	150.00	25.000

15-199-20176-00-00

ORIGINAL

COMPANY : MEDALLION PETROLEUM INC.
 WELL : #34-1
 GAUGE # : 3849
 DATE : 23/ 7/89

FIELD : GRUND
 JOB # : 14815
 DEPTH : 5000
 TEST : SLIGHT PLUGGING FFP

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P _i -P _(i-1)
49	9:49: 0	2.900	934.000	150.00	19.000
50	9:52: 0	2.950	950.000	150.00	16.000
51	9:55: 0	3.000	961.000	150.00	11.000
52	9:58: 0	3.050	975.000	150.00	14.000
53	10: 1: 0	3.100	985.000	150.00	10.000
54	10: 4: 0	3.150	993.000	150.00	8.000
55	10: 7: 0	3.200	1000.000	150.00	7.000
56	10:10: 0	3.250	1005.000	150.00	5.000
57	10:13: 0	3.300	1009.000	150.00	4.000
58	10:16: 0	3.350	1012.000	150.00	3.000
59	10:19: 0	3.400	1014.000	150.00	2.000
60	10:22: 0	3.450	1017.000	150.00	3.000
61	10:25: 0	3.500	1021.000	150.00	4.000
62	10:28: 0	3.550	1023.000	150.00	2.000
63	10:31: 0	3.600	1025.000	150.00	2.000
64	10:34: 0	3.650	1026.000	150.00	1.000
65	10:37: 0	3.700	1027.000	150.00	1.000
66	10:40: 0	3.750	1028.000	150.00	1.000
67	10:43: 0	3.800	1029.000	150.00	1.000
68	10:46: 0	3.850	1031.000	150.00	2.000
69	10:49: 0	3.900	1033.000	150.00	2.000
70	10:52: 0	3.950	1035.000	150.00	2.000
71	10:55: 0	4.000	1037.000	150.00	2.000
72	10:58: 0	4.050	1039.000	150.00	2.000
73	11: 1: 0	4.100	1040.000	150.00	1.000
74	11: 4: 0	4.150	1041.000	150.00	1.000
75	11: 7: 0	4.200	1042.000	150.00	1.000
76	11:10: 0	4.250	1042.000	150.00	0.000
77	11:13: 0	4.300	1042.000	150.00	0.000
78	11:16: 0	4.350	1042.000	150.00	0.000
79	11:19: 0	4.400	1042.000	150.00	0.000
80	11:22: 0	4.450	1042.000	150.00	0.000
81	11:25: 0	4.500	1042.000	150.00	0.000

WESTERN TESTING CO. INC.