

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

API NO. 15- 175-21,298-00-00

County Seward

NE - NE - SW Sec. 8 Twp. 33S Rge. 31 XX W

Operator: License # 6120

2310 Feet from S/N (circle one) Line of Section

Name: Cabot Oil & Gas Corporation

2310 Feet from E/W (circle one) Line of Section

Address 9400 N. Broadway, Suite 608

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Oklahoma City, OK 73114

Lease Name McVey Well # 1-8

Purchaser: Cabot Oil & Gas Marketing Corporation

Field Name Kismet

Operator Contact Person: Jim R. Pendergrass

Producing Formation Council Grove

Phone (405) 478-6500

Elevation: Ground 2750' KB 2763'

Contractor: Name: H-40 Drilling, Inc.

Total Depth 6075' PBSD 3312'

License: 30692

Amount of Surface Pipe Set and Cemented at 1540 Feet

Wellsite Geologist:

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set Feet

Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan 6/1/7-2-93
Data must be collected from the Reserve Pit

Operator: JUL 12 1993

Fluoride content 3000 ppm Fluid volume 8000 bbls

Well Name: Wichita, Kansas

Dewatering method used Evaporation, Dry Out & Backfill

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBSD
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

Operator Name

Lease Name RELEASED License No.

4/12/93 4/23/93 5/29/93
Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. SEP S 6 1994 E/W

County Docket No.

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 James R. Henry JAMES R. HENRY
Title ENGINEER Date 7/8/93

Subscribed and sworn to before me this 8th day of July 19 93.

Notary Public Connie B. Turner

Date Commission Expires September 2, 1996

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

SIDE TWO

Operator Name CABOT OIL & GAS CORPROATION Lease Name McVey Well # 1-8
 Sec. 8 Twp. 33S Rge. 31 East County Seward
 West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Herrington	2551'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	L. Krider	2610'	
List All E.Logs Run:		Winfield	2664'	
GR/CBL/CCL		Fort Riley	2730'	
		Council Grove	2906'	
		Base Heebner	4255'	
		Toronto	4268'	
		Lansing	4385'	
		Marmaton	5016'	
		Cherokee	5178'	
		Thirteen Finger	5405'	
		Morrow	5521'	
		Chester	5610'	
		Saint Genevieve	5781'	
		Saint Louis	5935'	

CASING RECORD

New 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
Conductor		20"		40'			
Surface	12-1/4"	8-5/8"	24#	1540'	35/65 Poz Class "H"	550 150	2% cc
Production	7-7/8"	5-1/2"	15.5#	6075'	50/50 poz 50/50 poz	250 300	2% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	St. Louis 5942-47'; 5956-65'	3000 gals 15% NE-FE HCl 10000 gals FRA 30; 10000 gals 20% NE-FE HCl	5942'-5965'
2	Marmaton 5020-24'; 5028-35'	2000 gals 15% NE-FE HCl	5020'-5035'
2	Council Grove 3200-06'; 3162-64'; 3122-29'; 3088-90'; 3074-82'; 3058-60'; 3054-55'; 3010-14' Packer At	2000 gals 15% NE-FE HCl 2000 gals 15% NE-FE HCl	3164'-3206' 3010'-3129'

TUBING RECORD	Size 2-3/8"	3127'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. WOPL	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

METHOD OF COMPLETION

Production Interval _____

(If vented, submit ACO-18.)

COPY

KCC

JUL 8

CONFIDENTIAL

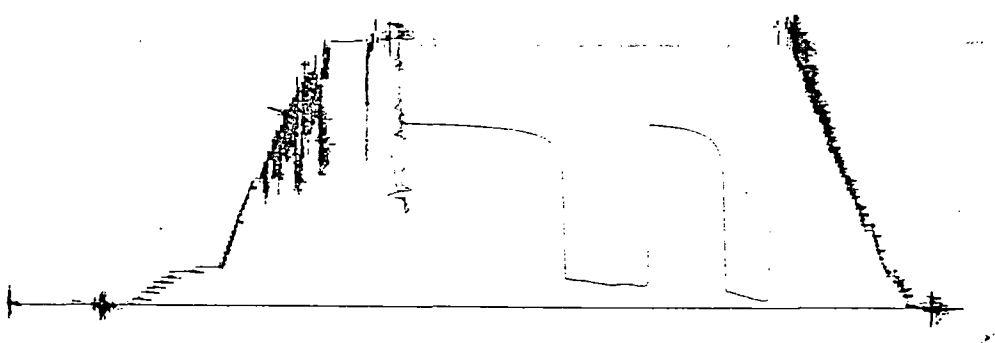
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SEP 6 1994

FROM CONFIDENTIAL

Initial Hydrostatic	2427	psi
IFP	83	psi to 129 psi
ISIP	1588	psi
FFP	235	psi to 248 psi
FSIP	1591	psi
Final Hydrostatic	2424	psi

217



PHONE 316 / 624

Format

Anchor

Packer

Equipm

Lengths:

Mud Typ

Reco

Press

Tool

Initia

Initia

Fin

Fin

Tool

Blow:

Recov

Gas F

Samp

Pressure

Gas

Total Flu

Oil

Water

Mud

Oil Grav

Gas/Oil

Tester

F-10 L

COPY

SEC. 8
TWP. 33S
RGE. 31W

Cabot Oil & Gas Corporation
OPERATOR
McVey #1-8
WELL NAME & NO.

Formation Marmaton Type Test Conventional Date April 19, 1993
Anchor Length and Size 14' X 4 1/2" OD-Perf. Total Depth 5043'
Packer Depths 5024' & 5029' Below Straddle Choke Size Bottom 5/8" Surface 1/4"
Equipment Run 2 Packers, Jars, Sample Chamber, Safty joint, Circ. sub.

Lengths: Tool 52' D. P. 4389' ID 3.8" Wt. P. ID D. C. 624' ID 2.25"
Mud Type Chemical Vls. 43 Wt. 8.9 Wtr. Loss 9.0 Cl. 3600 ppm

Recorders: Depth 5017' Make Kuster Cap. 6500 Ser. No. 10269 Inside
Depth 5041' Make Kuster Cap. 6800 Ser. No. 10217 Outside
Depth _____ Make _____ Cap. _____ Ser. No. _____ Below Straddle

Pressures:

Tool on Bottom @ 4:09 P.M. Initial Hydrostatic 2427 psi
Initial Flow 30 Min. IFP 83 psi to 129 psi
Initial Shut-In 60 Min. ISIP 1588 psi
Final Flow 60 Min. FFP 235 psi to 248 psi
Final Shut-In 126 Min. FSIP 1591 psi
Tool off Bottom @ 8:40 P.M. Final Hydrostatic 2424 psi Temp. 116°F

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Blow: Weak increasing to strong on both flow periods.
Gas to surface in 55 min. into F.F.P. (85 min. Total open time) Too small to measure.

Recovery: 655' Total Fluid. (3.47 bbl.)
100' Oil. (0.75 bbl.)
90' Oil & Gas Cut Mud. (0.44 bbl.)
90' Oil & Gas Cut Muddy Water. (0.44 bbl.)
90' Muddy Salt Water. (0.44 bbl.)
285' Salt Water. (1.40 bbl.)

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Gas Flow: Too small to measure.

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Sampler Data:

Pressure 180 PSI
Gas 0.17 cu. ft.
Total Fluid 1700 cc
Oil 150 cc
Water 1550 cc
Mud _____ cc
Oil Gravity API 40.5 @ 60 °F.
Gas/Oil Ratio _____

Remarks:

Fluid analysis:
PPM Cl. Ph. S.G. Rw.
Pit: 3400 9 1.005 1.40 @ 60°F
Top: 26,000 8 1.045 .20 @ 60°F
Middle: 92,000 7 1.160 .07 @ 60°F
Bottom: 111,000 7 1.195 .06 @ 60°F
Sampler: 111,000 7 1.195 .06 @ 60°F

Tester Butch Young Witnessed by: Jim Tull

COUNTY Seward
STATE KANSAS
TICKET NO. 3532

TEST # 2
TEST INTERVAL 5029 - 5043

Pressure Break Down

Test ticket no. 3532 Recorder no. 10269 Capacity 6500 Rec. Depth. 5017'

COPY
Time

Given 30 Computed 32

KCC

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Initial Flow pressure 83 to 129
Initial Closed in pressure 1588
Final Flow pressure 235 to 248

JUL 8

SEP 6 1994

Final Closed-in pressure 1591

CONFIDENTIAL

120 126

Initial Hydrostatic pressure 2427 Final Hydrostatic press. 2424 Temp 116

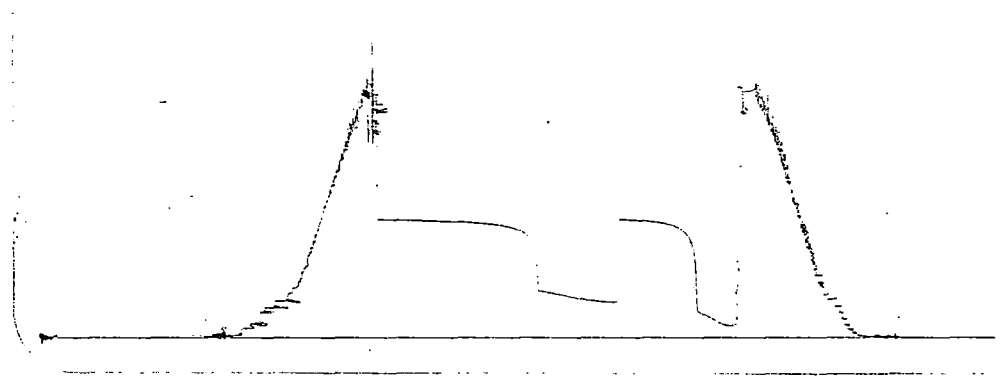
FROM CONFIDENTIAL

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	--	0	129	0	--	0	248
5	83	3	954	5	235	3	1257
10	83	6	1302	10	235	6	1257
15	90	9	1421	15	235	9	1395
20	100	12	1453	20	235	12	1395
25	116	15	1475	25	235	15	1517
30	125	18	1498	30	235	18	1456
32x65	129	21	1514	35	235	21	1495
40	--	24	1527	40	235	24	1495
45	--	27	1536	45	238	27	1517
50	--	30	1543	50	241	30	1517
55	--	33	1549	55	245	33	1533
60	--	36	1556	60	248	36	1533
65	--	39	1562	65	--	39	--
70	--	42	1569	70	--	42	1543
75	--	45	1575	75	--	45	--
80	--	48	1578	80	--	48	1553
85	--	51	1581	85	--	51	--
90	--	54	1585	90	--	54	1559
95	--	57	1585	95	--	57	--
100	--	60	1588	100	--	60	1565
105	--	63	--	105	--	63	--
110	--	66	--	110	--	66	1572
115	--	69	--	115	--	69	--
120	--	72	--	120	--	72	1575
		75	--	125	--	75	--
		78	--	130	--	78	1578
		81	--	135	--	81	--
		84	--	140	--	84	1578
		87	--	145	--	87	--
		90	--	150	--	90	1581
		93	--	155	--	93	--
		96	--	160	--	96	1581
		99	--	165	--	99	--
		102	--	170	--	102	1585
		105	--	175	--	105	--
		108	--	180	--	108	1585
		111	--			111	--
		114	--			114	1588
		117	--			117	--
		120	--			120	1588
						126	1591

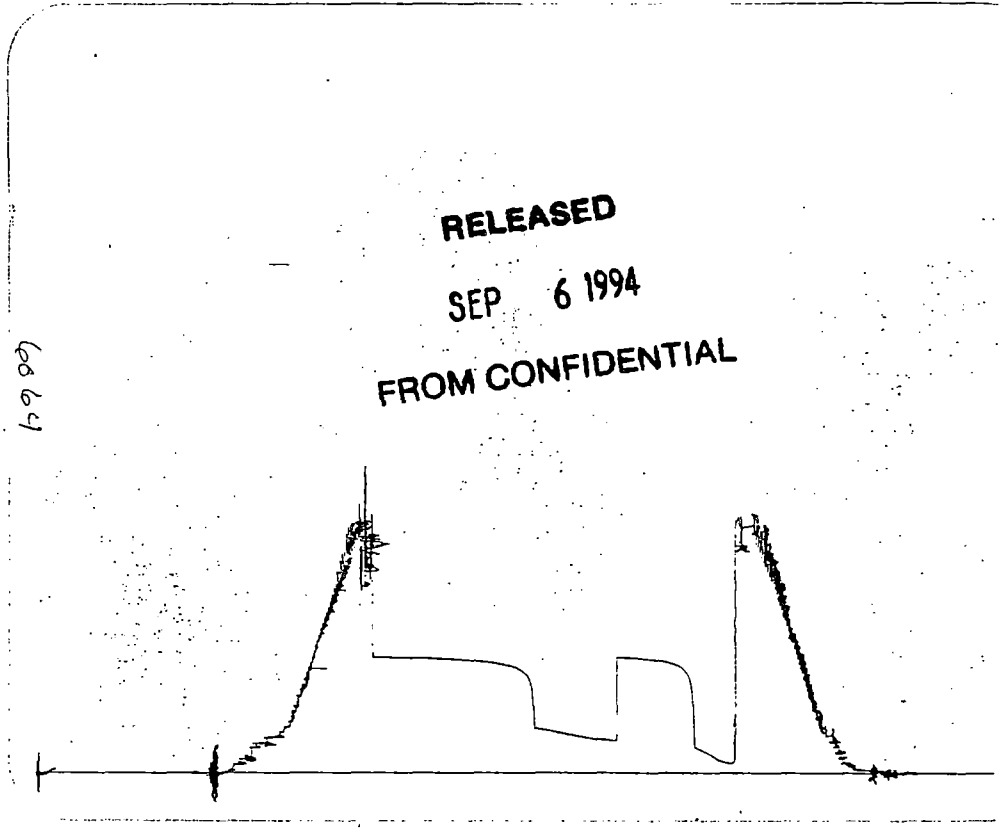
PHON
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Reco
Gas
Samp
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Gas
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Oil
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Oil Gra
Gas/O
Tester
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KCC
JUL 8
CONFIDENTIAL

ORIGINAL



Initial Hydrostatic _____ 2025 _____ psi
 IFP _____ 96 _____ psi to _____ 212 _____ psi
 ISIP _____ 980 _____ psi
 FFP _____ 293 _____ psi to _____ 390 _____ psi
 FSIP _____ 977 _____ psi
 Final Hydrostatic _____ 2006 _____ psi



PHONE
316 / 824-7340

ORIGINAL

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901

Information Toronto Type Test Conventional Date April 17, 1993
 Anchor Length and Size 38' X 4 1/2" OD-Perf. Total Depth 4326'
 Casing Depths 4283' & 4388' Below Straddle Choke Size Bottom 5/8" Surface 1/4"
 Equipment Run 2 Packers, Jars, Sample Chamber, Safty joint, Circ. sub.

Lengths: Tool 71' D. P. 3567' ID 3.8" Wt. P. ID D. C. 624' ID 2.25"
 Mud Type Chemical Vls. 43 Wt. 9.0 Wtr. Loss 9.4 Cl. 5200 ppm

Recorders:
 Depth 4315' Make Kuster Cap. 6400 Ser. No. 13373 Inside
 Depth 4324' Make Kuster Cap. 6450 Ser. No. 6064 Outside
 Depth _____ Make _____ Cap. _____ Ser. No. _____ Below Straddle

Pressures:

Tool on Bottom @ 5:07 P.M. Initial Hydrostatic 2025 psi
 Initial Flow 30 Min. IFP 96 psi to 212 psi
 Initial Shut-In 60 Min. ISIP 980 psi
 Final Flow 60 Min. FFP 293 psi to 390 psi
 Final Shut-In 120 Min. FSIP 977 psi
 Tool off Bottom @ 9:37 P.M. Final Hydrostatic 2006 psi Temp. 105°F.

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Blow: Strong on I.F.P., Weak increasing to strong on F.F.P.

Recovery: 845' Total Fluid. (6.12 bbl.)
90' Slightly Gas Cut Mud. (1.24 bbl.)
755' Slightly Gas Cut Salt Water. (4.88 bbl.)

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 FROM CONFIDENTIAL

Gas Flow:

Sampler Data:

Pressure 320 PSI
 Gas Trace cu. ft.
 Total Fluid 2000 cc
 Oil --- cc
 Water 1800 cc
 Mud 200 cc
 Oil Gravity _____ @ _____ °F.
 Gas/Oil Ratio _____

Remarks:

Fluid Analysis:

	PPM Cl.	Ph.	S.G.	Rw.
Pit:	5,000	9	1.010	.80 @ 65°F.
Top:	14,000	9	1.025	.30 @ 65°F
Middle:	95,000	7	1.165	.06 @ 65°F
Bottom:	118,000	7	1.205	.05 @ 65°F
Sampler:	118,000	7	1.205	.05 @ 65°F

Tester Butch Young Witnessed by: Jim Tull

SEC. 8
 TWP. 33S
 RGE. 31W
 COUNTY Seward
 STATE Kansas

Operator

McVey #1-8
WELL NAME & NO.

TEST #

4288' - 4326'
TEST INTERVAL

TICKET NO. 3266

Pressure Break Down

ORIGINAL

Test ticket no. 3266 Recorder no. 13373 Capacity 6400 Rec. Depth. 4315'

Initial Flow pressure <u>96</u> to <u>212</u>	Time	Given <u>30</u>	Computed <u>30</u>
Initial Closed in pressure <u>980</u>	KCC	<u>60</u>	<u>60</u>
Final Flow pressure <u>293</u> to <u>390</u>	JUL 8	<u>60</u>	<u>60</u>
Final Closed-in pressure <u>977</u>	CONFIDENTIAL	<u>120</u>	<u>120</u>
Initial Hydrostatic pressure <u>2025</u>	Final Hydrostatic press. <u>2006</u>	Temp <u>105°F</u>	

Initial Flow Press.

Minutes	Press
0	96
5	
10	106
15	
20	158
25	
30	212
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	

Initial Closed in Press.

Minutes	Press
0	212
3	
6	819
9	
12	893
15	
18	925
21	
24	945
27	
30	954
33	
36	961
39	
42	967
45	
48	974
51	
54	977
57	
60	980
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Final Flow Press

Minutes	Press
0	293
5	
10	300
15	
20	
25	
30	319
35	
40	345
45	
50	364
55	
60	390
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	

Final Closed in Press.

Minutes	Press
0	390
3	
6	819
9	
12	880
15	
18	906
21	
24	922
27	
30	932
33	
36	938
39	
42	945
45	
48	951
51	
54	954
57	
60	957
63	
66	961
69	
72	964
75	
78	964
81	
84	967
87	
90	967
93	
96	970
99	
102	970
105	
108	974
111	
114	974
117	
120	977

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SEP 6 1994
FROM CONFIDENTIAL

COPY

KCC

JUL 8

CONFIDENTIAL

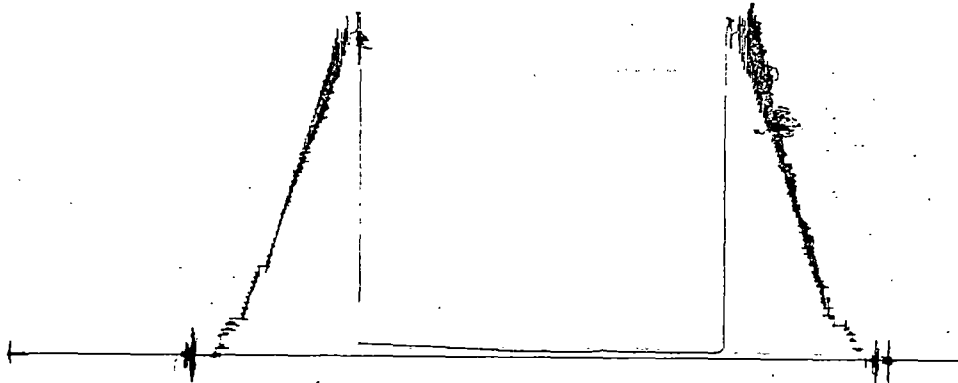
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SEP 6 1994

FROM CONFIDENTIAL

Initial Hydrostatic	2690	psi
IFP	64	psi to 64 psi
ISIP	77	psi
FFP	64	psi to 64 psi
FSIP	119	psi
Final Hydrostatic	2674	psi

CD&F



PHONE 318 / 824

Format

Anchor

Packer

Equipm

Lengths:

Mud Type

Reco

Press

Too

Init

Init

Fi

Fi

Too

Blow

Reco

Gas

Sam

Pressur

Gas

Total F

Ol

W

M

Oil Gr

Gas/C

Tester

D7-10

COPY

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901

PHONE
316 / 624-7340

Information Morrow Type Test Conventional Date April 21, 1993
 Anchor Length and Size 44' X 4 1/2" OD-Perf. Total Depth 5636'
 Tracker Depths 5587' & 5592' Below Straddle _____ Choke Size Bottom 5/8" Surface 1/4"
 Equipment Run 2 Packers, Jars, Sample Chamber, Safty joint, Circ. sub.

Lengths: Tool 77' D. P. 4950' ID 3.8" Wt. P. _____ ID _____ D. C. 624' ID 2.25"
 Mud Type Chemical Vls. 48 Wt. 9.0 Wtr. Loss 9.0 Cl. 2700 ppm

Recorders: Depth 5521' Make Kuster Cap. 6400 Ser. No. 13373 Inside
 Depth 5531' Make Kuster Cap. 6450 Ser. No. 6064 Outside
 Depth _____ Make _____ Cap. _____ Ser. No. _____ Below Straddle

Pressures:

Tool on Bottom @ <u>5:15 PM.</u>	Initial Hydrostatic <u>2690</u> psi	KCC JUL 8 CONFIDENTIAL
Initial Flow <u>30</u> Min.	IFP <u>64</u> psi to <u>64</u> psi	
Initial Shut-In <u>60</u> Min.	ISIP <u>77</u> psi	
Final Flow <u>60</u> Min.	FFP <u>64</u> psi to <u>64</u> psi	
Final Shut-In <u>120</u> Min.	FSIP <u>119</u> psi	
Tool off Bottom @ <u>9:45 PM.</u>	Final Hydrostatic <u>2674</u> psi Temp. <u>122°F.</u>	

Blow: Weak increasing slightly on I.F.P., Very weak & intermittent on F.F.P.

Recovery: 30' Mud.

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SEP 6 1994
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Gas Flow:

Sampler Data:

Pressure 22 PSI
 Gas none cu. ft.
 Total Fluid 2000 cc
 Oil -- cc
 Water -- cc
 Mud 2000 cc
 Oil Gravity _____ @ _____ °F.
 Gas/Oil Ratio _____

Remarks:

Fluid Analysis:

	PPM Cl.	Ph.	S.G.	Rw.
Pit.	3,000	9	1.005	1.30 @ 65°F
Tool	3,000	9	1.005	1.30 @ 65°F.
Sampler	3,000	9	1.005	1.30 @ 65°F.

Tester Dean Blagrave

Witnessed by: Jim Tull

SEC. 8
TWP. 33S
RGE. 31W
COUNTY Seward
STATE KANSAS
TICKET NO. 3269

Cabot Oil & Gas Corporation
 OPERATOR
 McVey #1-8
 WELL NAME & NO.
 TEST # 3
 TEST INTERVAL 5592' - 5636'

CEMENTING SERVICE REPORT



Original **DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER: 03-12-5167 DATE: 4-13-93
 STAGE: DS DISTRICT: WYSS, KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. M^s Vey #1-18 LOCATION (LEGAL) Sec 8-33s 31w RIG NAME: H-40 Drilling

FIELD-POOL: _____ FORMATION: _____ WELL DATA: _____ BIT SIZE: 12 1/4 CSG/Liner Size: 8 1/2 BOTTOM TOP

COUNTY/PARISH: Sevier STATE: Ks. API. NO.: _____ TOTAL DEPTH: 541 WEIGHT: 24

NAME: Cobot Oil - Gas MUD TYPE: _____ GRADE: SS ROT CABLE: _____ FOOTAGE: 1541

AND: _____ MUD DENSITY: _____ LESS FOOTAGE SHOE JOINT(S): _____ THREAD: 8ed

ADDRESS: KCO MUD VISC.: _____ Disp. Capacity: 953

SPECIAL INSTRUCTIONS: JUL 13 1993 CONFIDENTIAL

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE: 633 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²): _____

PRESSURE LIMIT: _____ PSI BUMP PLUG TO: 1070 PSI

ROTATE: _____ RPM RECIPROCATATE _____ FT No. of Centralizers: 7

Head & Plugs: TBG D.P. SQUEEZE JOB: _____

Double SIZE WEIGHT GRADE THREAD

Single SWAGE KNOCKOFF TOP #R NEW USED

TAIL PIPE: SIZE _____ DEPTH _____ TUBING VOLUME _____ Bbls

CASING VOL. BELOW TOOL _____ Bbls

TOTAL _____ Bbls

ANNUAL VOLUME _____ Bbls

TIME	PRESSURE		VOLUME PUMPED bbl		JOB SCHEDULED FOR TIME DATE			ARRIVE ON LOCATION TIME DATE		LEFT LOCATION TIME DATE	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY				
0001 to 2400											
1402		50	10		6.5	H ₂ O		1000	4-13-93	1600	4-13-93
1404		170	194		6.5	cmt.	12.4	PRE-JOB SAFETY MEETING			
1419		150		98	7	cmt.	12.4	start H ₂ O ahead			
1433		160	28		7	cmt.	16.4	start lead cmt.			
1436		220		24	6.5	cmt.	16.4	psi check			
1437		0						start tail cmt.			
1438		40	95		7	H ₂ O		psi check			
1443		140		30	7			psi check			
1446		230		50	7			psi check			
1447		260		60	7			cement to surface			
1450		410		80	6.9			psi check			
1451		470		88	2			lower rate			
1454		1070		95	2			bump top plug			
1454		410						bump psi of float not holding			
								pump 2 bbls shut down			
								shut cmt. head - mani field in			
								end job			

REMARKS: 1458

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	550	1.98	class H + 6% gel + 2% cacth + 1/2 #1029				193.9	12.4
2.								
3.	150	1.05	class H + 2% cacth				28	16.4
4.								
5.								
6.								

BREAKDOWN FLUID TYPE: _____ VOLUME: _____ DENSITY: _____ PRESSURE: _____ MAX. 995 psi

HESITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO Cement Circulated To Surf. YES NO 35 Bbls

BREAKDOWN: _____ PSI FINAL: _____ PSI DISPLACEMENT VOL. 95.3 Bbls

Washed Thru Perfs: YES NO TO _____ FT. MEASURED DISPLACEMENT: _____ WIRELINE: _____

PERFORATIONS: _____ TO _____ TO _____ CUSTOMER REPRESENTATIVE: Jim Tull DS SUPERVISOR: James Esquivel

RELEASED
 SEP 6 1994
 FROM CONFIDENTIAL
 RECEIVED
 STATE CORPORATION COMMISSION
 JUL 12 1993
 CONSERVATION DIVISION
 Wichita, Kansas

5-405 PRINTED IN U.S.A. DOWELL SCHLUMBERGER INCORPORATED STAGE 2 DS DISTRICT Ulysses, KS

WELL NAME AND NO. **Mvey #1-8** LOCATION (LEGAL) **Sec. 4-835-31W** RIG NAME **H-40**
 OLD POOL FORMATION JUNTY/PARISH **Seward** STATE **Kansas** APT. NO. **KCC**

NAME **Labot Oil & Gas** ADDRESS **CONFIDENTIAL**
 JOB NO. **JUL 8** MUD DENSITY **95** MUD VISC. **6000 - 1144.20015**

SPECIAL INSTRUCTIONS **Provide materials & services to safely 2 stage cement hole at customers orders 1st. Stage Only**
 TYPE **(pos. flood)** DEPTH **6010** TYPE **6010** DEPTH **3648**

CASING/TUBING SECURED? YES NO
 TEST PRESSURE **3985** PSI CASING WEIGHT + SURFACE AREA (9.14 x R) **3000** PSI
 BUMP PLUG TO **10** FT No. of Centralizers **20**

TIME	PRESSURE		VOLUME PUMPED gpl		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM.	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
2835	470		20	-	6	Wash	8.36				
2838	450		10	20	6	H ₂ O	8.34				
0841	400		66	30	6	cmt	13.9				
2853			-	96							
2922	210		57	96	6	H ₂ O	8.34				
2912	150		77	153	5	MUD	8.9				
2927	720		11	230	2	MUD	8.9				
2933				241							
0935											
2955	470				Idle	Mud	8.9				
1000											

RECEIVED STATE CORPORATION COMMISSION JUL 12 1993

SYSTEM CODE	NO. OF BAGS	YIELD CU. FT/BK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED BBLs	DENSITY
			59% 50 #02	+ 22% 020	+ 10% 044 (B.W.W.)	+ 2% 065 + 12.5% 042		
1.	250	1.47	59% 50 #02	+ 22% 020	+ 10% 044 (B.W.W.)	+ 2% 065 + 12.5% 042	65.4	13.9
2.	300	1.47	59% 50 #02	+ 22% 020	+ 0.2% 065 + 0.2% 042	+ 10% (B.W.W.) 044	78.5	13.9
4.								
5.								
6.								

ACKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX **300** MIN **0**
 CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 DISPLACEMENT VOL. **144** Bbls TYPE OF WELL STORAGE BRINE WATER
 MEASURED DISPLACEMENT WIRELINE INJECTION WILDCAT
 CUSTOMER REPRESENTATIVE **Jim Tull** SUPERVISOR **Steve Menard**

WELL NAME AND NO. **McVey #1-8** LOCATION (LEGAL) **Sec. 4-33r-31W** RIG NAME: **H-40**
 COUNTY/PARISH **Seward** STATE **Kansas** APL. NO. **08-12-5197** DATE **4-24-93**
 NAME **Cabot Oil & Gas** MUD TYPE **Grade** GRADE **Grade**
 NO. **JUL 8** MUD DENSITY **95** LESS FOOTAGE SHOE JOINT(S) **0** TOTAL **0**
 ADDRESS **ORIGINAL CONFIDENTIAL** MUD VISC. **60/101** Drip. Capacity **60/101**
 SPECIAL INSTRUCTIONS **Provide Materials & Service to safely two stage cement the hole at customers orders 2nd stage only**

WELL DATA: BIT SIZE **7 7/8"** CSG/Liner Size **5 1/2"** BOTTOM **610L** TOP **3640**
 TOTAL DEPTH **6075** WEIGHT **155**
 MUD TYPE **Grade** FOOTAGE **610L**
 MUD DENSITY **95** LESS FOOTAGE SHOE JOINT(S) **0** TOTAL **0**
 MUD VISC. **60/101** Drip. Capacity **60/101**
 NOTE: Include Footage From Ground Level To Head In Drip Capacity

ASBESTOS TUBING SECURED? YES NO
 PRESSURE **3985** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **3000** PSI BUMP PLUG TO **20** PSI
 RATE **100** FPM RECIPROCATE **20** FT No. of Centralizers **20**

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
11:24:00					0:30	4-24-93	0:245	4-24-93	11:545	4-24-93	
					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
14:1	170	10	-	5k	H ₂ O	8.34	PRE-JOB SAFETY MEETING				
14:5	200	78	10	5k	cmf	13.9	Start H ₂ O Ahead				
01							Start cement				
07	120	40	88	5	H ₂ O	8.34	Shut-down Drop Closing Plug				
17	1612	12	128	4	H ₂ O	8.34	Start Displacement				
20	70	6	140	2	H ₂ O	8.34	Lower Rate				
22	250	10	146	2	H ₂ O	8.34	Lost circulation lower rate				
27	230	2	156	2	H ₂ O	8.34	Gain returns				
29	550		158	2	H ₂ O	8.34	Lost a little again (circulation)				
3	2200						Gain returns				
							Bump Plug to 2200 psi, and hold 4min				
							Check that tool is closed				
							Flow Tool closed				
							Release D.S!				

RECEIVED STATE CORPORATION COMMISSION
 JUL 12 1993
 RELEASED CONSERVATION DIVISION Wichita, Kansas
 SEP 6 1994

ITEM	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED BBL	DENSITY
	300	1.47	50% 50	2% 020 + 0.2% 045 + 0.2% 042 + 12.5% 042	78.5	13.7

OWN FLUID TYPE **Water** VOLUME **36.2** DENSITY **8.34** PRESSURE **2200** MIN: **0**
 ACTION SD. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 OWN **PSI** **2200** PSI **2200** PSI **2200** PSI TYPE OF WELL **Oil** STORAGE INJECTION BRINE WATER WILDCAT
 This Part YES NO TO **FT.** **2200** FT. MEASURED DISPLACEMENT **36.2** DISPLACEMENT **36.2** DISPLACEMENT **36.2**
 CUSTOMER REPRESENTATIVE **Jim Tull** SUPERVISOR **Steve Mersch**