

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

Operator: License # 6120

Name: Cabot Oil & Gas Corporation

Address 9400 N. Broadway, Suite 608

City/State/Zip Oklahoma City, OK 73114

Purchaser: Cabot Oil & Gas Marketing Corp.

Operator Contact Person: Jim R. Pendergrass

Phone (405) 478-6514

Contractor: Name: H-40 Drilling Inc.

License: 30692

Wellsite Geologist: None

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, MSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBDT

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

12/30/92 1/9/93 3/19/93

Spud Date Date Reached TD Completion Date

API NO. 15- 175-2129 0-0000 ORIGINAL ORIGINAL
County SEWARD

C - SW/4 - SW/4 - Sec. 19 Twp. 32S Rge. 33 E W

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

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

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

Lease Name HITCH Well # 1-19

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2775' KB 2785'

Total Depth 6275' PBDT 2696'

Amount of Surface Pipe Set and Cemented at .1526 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 5-8-93
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 11000 bbls

Dewatering method used Evaporation/Dry Out/Back Fill

Location of fluid disposal if hauled offsite: _____

Operator Name _____ **RELEASED**

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. APR 28 1994 S-Rng. _____ E/W

County _____ **FROM CONFIDENTIAL**

APR 23 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 Jim R. Pendergrass Jim R. Pendergrass

Title State Engineer Date 4/23/93

Subscribed and sworn to before me this 23rd day of April

Notary Marie B. Turner

Date Commission Expires September 2, 1996

4-26-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
STATE CORPORATION COMMISSION
Distribution
 KCC SWD/Repl
 KGS Plug
RECEIVED
APR 26 1994
(Specify)
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Cabot Oil & Gas Corp. Lease Name Hitch Well # 1-19
 County Seward
 Sec. 19 Twp. 32S Rge. 33
 East 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 Datum	<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	2491'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	U. Krider	2514'	
List All E.Logs Run:		L. Krider	2550'	
DIL/GR		Winfield	2602'	
CNL/FDC/GR		Fort Riley	2657'	
Microlog		Council Grove	2861'	
		Base Heebner	4122'	
		Toronto	4134'	
		Lansing	4245'	
		Checkerboard	4754'	
		Marmaton	4974'	
		Cherokee	5104'	
		Atoka	5271'	
		Morrow	5490'	
		Chester	5678'	
		St. Genevieve	6016'	
		St. Louis	6131'	

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
Conductor		20"		28'	3 1/2 yd. grout		
Surface	12-1/4"	8-5/8"	24#	1526'	65/35 Class "C"	550 150	6% ge1 2% cc 2% cc
Production	7-7/8"	4-1/2"	10.5#	2746'	Lite Class "H"	425 150	1/4# Cello Flake

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

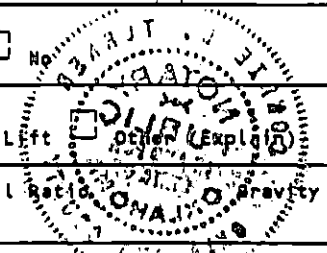
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	2571'-2585'	L. KRIDER	Acidize w/1000 gals 15% HCl + 60 BS. Frac w/66722 gals WF120 750 N2 Foam + 73040# 10/20 Ottawa Sant	2571'-85'
2	2521'-2535 & 2491'-2494'	U. KRIDER		2521'-35'
	2491'-2494'	HERRINGTON		2491'-94'

TUBING RECORD	Size 2-3/8"	Set At 2625'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. WOPL	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Specify)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval



ORIGINAL

APR 23
CONFIDENTIAL

<p>CABOT OIL AND GAS CORPORATION</p> <p>LEASE : HITCH</p> <p>WELL NO. : 1-19</p> <p>TEST NO. : 1</p>
--

TICKET NO. 00893100
11-JAN-93
LIBERAL

RELEASED
APR 28 1994
FROM CONFIDENTIAL

DST REPORT PRODUCED BY HRS
 A DIVISION OF HALLIBURTON COMPANY

RECEIVED
 STATE CORPORATION COMMISSION

APR 26 1993

CONSERVATION DIVISION
 Wichita, Kansas

LEGAL LOCATION
 SEC. - TWP. - RANG. 19 - 32 S - 33 W

WELL NO. 1-19

TEST NO. 1

FIELD AREA

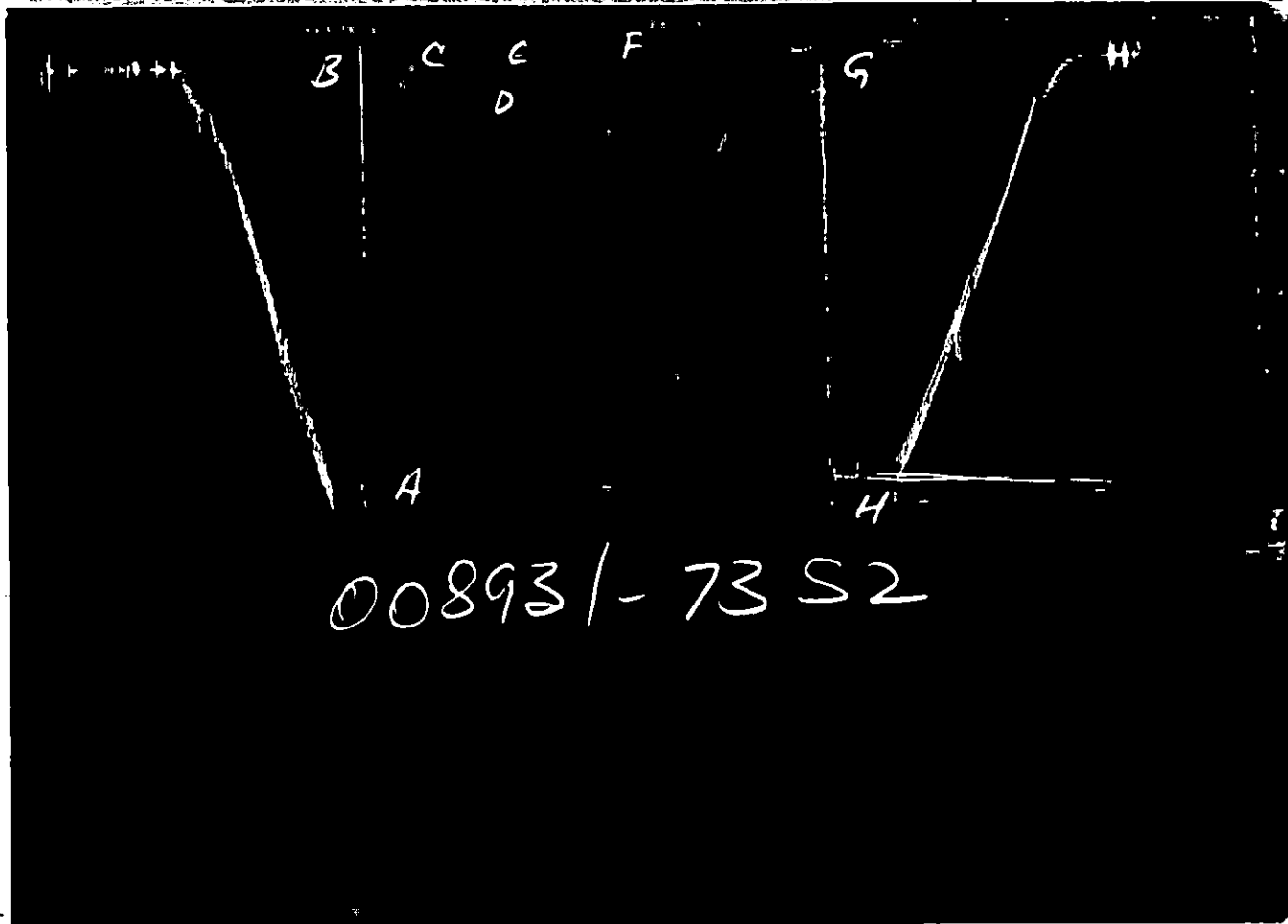
COUNTY SEWARD

STATE KANSAS

LEASE OWNER/COMPANY NAME CABOT OIL AND GAS CORPORATION

TESTED INTERVAL 5490.4 - 5544.0

212



GAUGE NO: 7352 DEPTH: 5469.5 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2541	2558.9			
B	INITIAL FIRST FLOW	19	22.8			
C	FINAL FIRST FLOW	25	26.9	30.0	30.0	F
C	INITIAL FIRST CLOSED-IN	25	26.9			
D	FINAL FIRST CLOSED-IN	38	54.5	60.0	60.0	C
E	INITIAL SECOND FLOW	28	31.1			
F	FINAL SECOND FLOW	28	31.1	60.0	60.0	F
F	INITIAL SECOND CLOSED-IN	28	31.1			
G	FINAL SECOND CLOSED-IN	38	54.5	120.0	120.0	C
H	FINAL HYDROSTATIC	2541	2530.9			

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ORIGINAL

APR 23

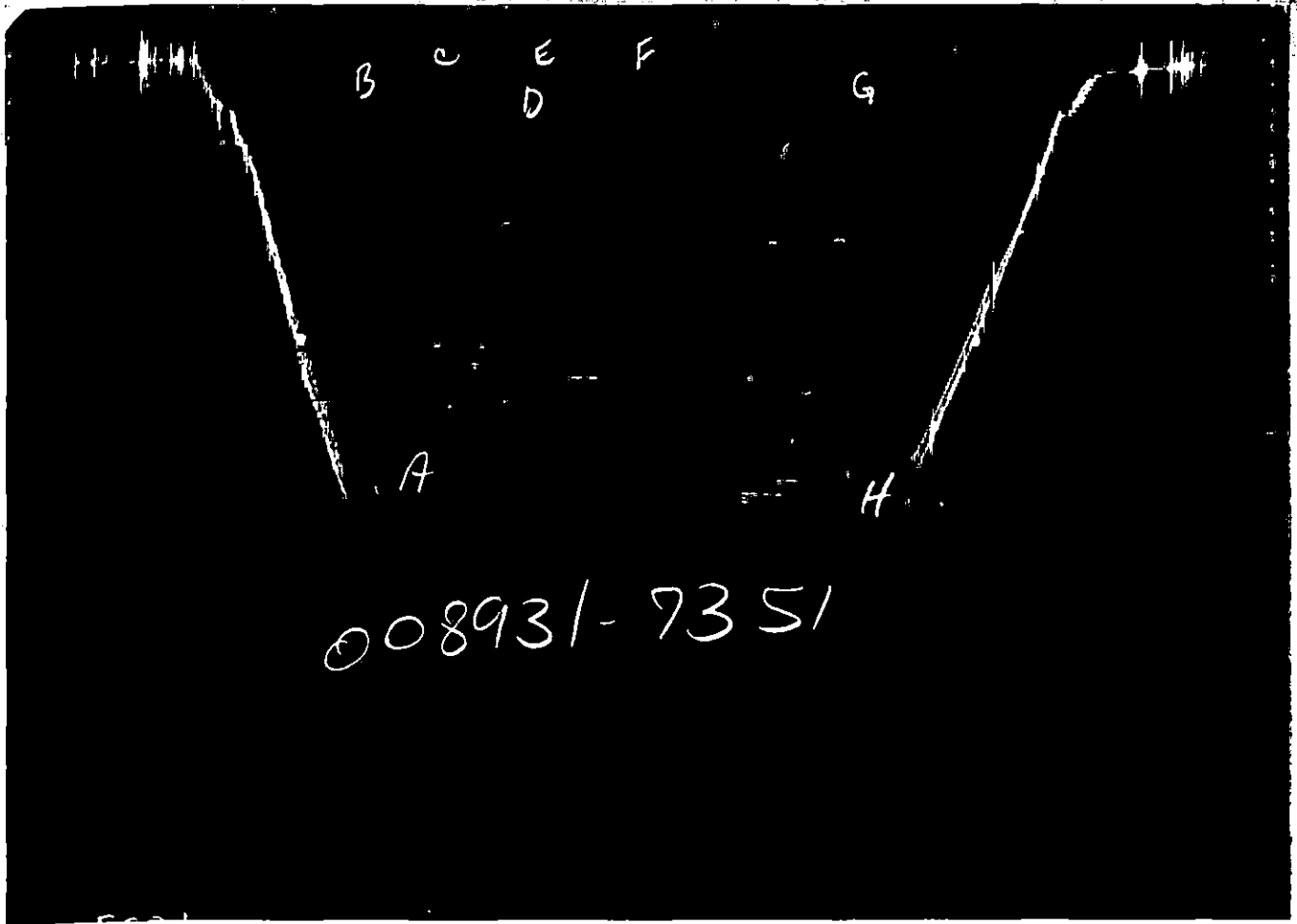
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STATE CORPORATION COMMISSION

APR 26 1993

CONSERVATION DIVISION
Wichita, Kansas



GAUGE NO: 7351 DEPTH: 5540.7 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2607	2592.4			
B	INITIAL FIRST FLOW	71	58.2			
C	FINAL FIRST FLOW	80	62.9	30.0	30.0	F
C	INITIAL FIRST CLOSED-IN	80	62.9			
D	FINAL FIRST CLOSED-IN	87	87.1	60.0	60.0	C
E	INITIAL SECOND FLOW	71	65.1			
F	FINAL SECOND FLOW	80	65.1	60.0	60.0	F
F	INITIAL SECOND CLOSED-IN	80	65.1			
G	FINAL SECOND CLOSED-IN	87	84.5	120.0	120.0	C
H	FINAL HYDROSTATIC	2607	2569.2			

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STATE CORPORATION COMMISSION

APR 26 1993

CONSERVATION DIVISION
Wichita, Kansas

EQUIPMENT & HOLE DATA

FORMATION TESTED: MORROW
 NET PAY (ft): 12.0
 GROSS TESTED FOOTAGE: 53.6 PACKER TO T.D.
 ALL DEPTHS MEASURED FROM: K.B.
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 2787.0 AT KELLY BUSHING
 TOTAL DEPTH (ft): 5544.0
 PACKER DEPTH(S) (ft): 5485, 5490
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 8.90
 MUD VISCOSITY (sec): 47
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 112 @ 5539.0 ft

TICKET NUMBER: 00893100

DATE: 01-06-93 TEST NO: 1

TYPE DST: OPEN HOLE

FIELD CAMP:
LIBERAL

TESTER: JEFF CLARK

WITNESS: JIM TULL

DRILLING CONTRACTOR:
H-40 DRILLING COMPANY RIG #1

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT</u>	<u>1.000 @ 68 °F</u>	<u>3941 ppm</u>
<u>RECOVERY</u>	<u>1.000 @ 70 °F</u>	<u>3941 ppm</u>
<u>SAMPLER</u>	<u>1.000 @ 70 °F</u>	<u>3941 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

P_{sig} AT SURFACE: 28.0
 cu.ft. OF GAS: _____
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: 2240.0
 TOTAL LIQUID cc: 2240.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED :

40 FT. OF SLIGHTLY GAS CUT DRILLING MUD

MEASURED FROM
TESTER VALVE

REMARKS:

CHARTS INDICATE THIS WAS A MECHANICALLY SUCCESSFUL TEST OF A LOW PERMEABILITY, LOW PRODUCTIVITY INTERVAL.

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CONSERVATION DIVISION
Wichita, Kansas

TICKET NO: 00893100

TYPE & SIZE MEASURING DEVICE :

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
01-06-93					RECEIVED CALL TO BE ON LOCATION
1130					AT 1700 HOURS
					ON LOCATION; RIG PULLING BIT
1545					PREPARED GAUGES FOR RECORDING
1645					PICKED UP TOOLS
1725					TOOLS MADE UP; STARTED IN THE HOLE
1800					RIGGED UP SURFACE EQUIPMENT
1940					ON BOTTOM
1950					TOOL OPENED WITH WEAK BLOW 1/4"
1952	BH				DEEP INTO BUBBLE BUCKET THRU A 1/4" BUBBLE HOSE
					BLOW DIED
2013	BH				CLOSED TOOL WITH NO BLOW
2022	BH				OPENED TOOL WITH NO BLOW
2122	BH				CLOSED TOOL WITH NO BLOW
2222	BH				
01-07-93					OPENED BYPASS
0022					STARTED OUT OF THE HOLE
0100					BROKE DOWN TOOLS
0320					READ CHARTS
0355					LOADED TOOLS
0420					RELEASED FROM DUTY
0445					

APR 25 CONFIDENTIAL

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APR 28 1994 STATE CORPORATION COMMISSION

RECEIVED






















FROM CONFIDENTIAL APR 26 1993

MEASURED FROM TESTER VALVE

GHT

ORIGINAL

TICKET NO. 0089310

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.825	4862.5	
3		DRILL COLLARS.....	6.063	2.250	528.3	
50		IMPACT REVERSING SUB.....	6.250	3.000	1.3	5391.2
3		DRILL COLLARS.....	6.063	2.250	59.4	
5		CROSSOVER.....	6.250	2.250	1.0	
11		HANDLING SUB & CHOKE ASSEMBLY...	4.500	3.500	4.7	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.6	
50		HYDROSPRING TESTER.....	5.000	0.750	5.0	5468.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	5469.5
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	6.750	1.530	5.8	5484.6
70		OPEN HOLE PACKER.....	6.750	1.530	5.8	5490.4
20		FLUSH JOINT ANCHDR.....	5.000	2.370	6.0	
5		CROSSOVER.....	6.250	2.250	1.0	
3		DRILL COLLARS.....	6.063	2.250	29.3	
5		CROSSOVER.....	6.520	2.250	1.0	
5		CROSSOVER.....	6.250	2.250	1.0	
20		FLUSH JOINT ANCHOR.....	5.000	2.370	6.0	
63		HT-500 TEMPERATURE CASE.....	5.000		1.5	5539.0
81		BLANKED-OFF RUNNING CASE.....	5.000		4.1	5540.7
TOTAL DEPTH						5544.0

RELEASED

APR 28 1994

FROM CONFIDENTIAL

APR 23

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

APR 26 1993

CONSERVATION DIVISION
Wichita, Kansas

EQUIPMENT DATA

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

OILFIELD SERVICES
INDUSTRIAL SERVICES

DSI SERVICE LOCATION NAME AND NUMBER

DSI SERVICE ORDER RECEIPT AND INVOICE NO.

ORIGINAL ISSUES 03-12

03-12-4990

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

BUSINESS CODES

285

CUSTOMER'S NAME

CABOT

ADDRESS

CITY, STATE AND ZIP CODE

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. _____ in accordance with the terms and conditions as printed on the reverse side of this form.

RELEASED

APR 28 1994

ARRIVE LOCATION MO. DAY YR. TIME
1 10 93 0630

SERVICE ORDER RECEIPT
I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

JOB COMPLETION MO. DAY YR. TIME
1 10 93 1300

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
A. M. [Signature]

STATE CODE COUNTY / PARISH FROM CONFIDENTIAL

WELL NAME AND NUMBER / JOB SITE

LOCATION AND POOL / PLANT ADDRESS

SHIPPED VIA

Hitch # 1-19

Sec. 19-32c-33w

OS

ITEM/PRICE REF. NO.	MATERIAL EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059200-202	mileage	mi.	50	2.65	132.50
059697-000	PAIR chg	EA	1	140.00	140.00
102871-030	PUMP chg	EA	1	1220.00	1220.00
048631-000	cmf. head - manifold	EA	1	63.00	63.00
049102-000	HAULING	100mi.	1363	.88	1199.44
049100-000	service chg	cul.Ft.	633	1.20	759.60
040015-000	D909 class H.	SK	426	7.47	3182.22
045008-000	D35 litapor	SK	149	3.94	587.06
045014-050	D20 gal	lb.	2218	.15	332.70
067005-100	CALZ	lb.	1021	.36	367.56
044003-025	D29 calloman-a flake	lb.	106	1.59	168.54
044002-050	D60 fluid loss additive	lb.	85	7.73	657.05
100233-000	D827 cm.100	gal.	20	34.25	685.00
067011-002	mlt KIL	lb.	300	.28	84.00
101094-000	5433 water control poly.mer	lb.	51	1.96	99.96
013048-055	FISH SUPPLEMENT	gal.	2	34.81	69.62
050101-044	cmf guide shoe	EA	1	115.00	115.00
053003-044	ORIFITE fill insert	EA	1	195.00	195.00
056011-044	cmf palizes	EA	11	52.00	572.00
056724-044	TOP PLUG	EA	1	76.00	76.00
056008-044	cmf. BRISK-F	EA	1	145.00	145.00
056014-044	STOP RING	EA	1	18.00	18.00
057499-021	THREAD LOCK KIT	EA	1	25.00	25.00
					#6607.07
					SUB TOTAL

Thanks For using OS

Field est. #10831.25

LICENSE/REIMBURSEMENT FEE

REMARKS: STATE COUNTY CITY SIGNATURE OF DSI REPRESENTATIVE

% TAX ON \$ STATE CORPORATION COMMISSION

APR 26 1993

TOTAL \$

Jam Engruel

CONSERVATION DIVISION
Wichita, Kansas

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

OILFIELD SERVICES
INDUSTRIAL SERVICES

ORIGINAL

DSI SERVICE LOCATION NAME AND NUMBER

Ulysses KS 03-12

DSI SERVICE ORDER
RECEIPT AND INVOICE NO.

03-12-4980

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE
271

BUSINESS CODES

CUSTOMER'S
NAME

CUBOT

ADDRESS

CITY, STATE AND
ZIP CODE

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. _____ in accordance with the terms and conditions as printed on the reverse side of this form.

APR 23

CONFIDENTIAL

IMPORTANT -
SEE OTHER SIDE FOR TERMS & CONDITIONS

ARRIVE LOCATION	MO.	DAY	YR.	TIME
	12	31	92	0230

SERVICE ORDER RECEIPT
I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

JOB COMPLETION	MO.	DAY	YR.	TIME
	12	31	92	1045

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

[Signature]

STATE CODE COUNTY / PARISH CODE CITY

KANSAS SEWARD

WELL NAME AND NUMBER / JOB SITE

Hitch #1-19

LOCATION AND POOL / PLANT ADDRESS

SEC 19-325-33W

SHIPPED VIA

DS

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-020	Pump chg	EA	1	1100.00	1100.00
049102-000	DELIVERY chg 66,209 * 18mi	TU/M.	596	.88	524.48
049100-000	SERVICE chg	FF-3	782	1.20	938.40
059297-000	PACR	EA	1	140.00	140.00
059200-002	Mileage chg	M.	18	2.65	47.70
040003-000	CLASS C	FF-3	508	7.98	4053.84
045008-000	LITE POZ 3	FF-3	192	3.94	756.48
045014-050	D20 BENTONITE	LB	2872	.15	430.80
067005-100	CALCIUM CHLORIDE	LB	1240	.36	446.40
044003-025	D29 Cellophane Flake	LB	138	1.59	219.42
050001-085	TEXAS PAPER GUIDE SIZE	EA	1	225.00	225.00
053003-085	OFFICE FIL INSERT	EA	1	330.00	330.00
056011-085	CENTRALIZERS	EA	6	74.00	444.00
056702-085	TOP PLUG	EA	1	98.00	98.00
057499-001	THREAD LOCK	EA	1	25.00	N/C

RELEASED

APR 28 1994

FROM CONFIDENTIAL

SUB TOTAL

FIELD ESTIMATE \$ 9754.52

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

Mileage per bid

Thanks for using DSI.

STATE

% TAX ON \$

STATE CORPORATION COMMISSION

COUNTY

% TAX ON \$

CITY

% TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE

[Signature]

TOTAL

APR 26 1993

CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT



TREATMENT NUMBER	03-12-4720	DATE	12-21-72
STAGE	DS	DISTRICT	61435E3 23

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO.	LOCATION (LEGAL)
Hitch #1-19	Sec 19-32S-33W
FIELD-POOL	FORMATION

RIG NAME:	1440 #1	
WELL DATA:	BOTTOM	TOP
BIT SIZE 12 1/4	CSG/Liner Size 8 5/8	
TOTAL SPIN L	WEIGHT 24	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 1528.80	
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8 20	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 49.12	TOTAL 74.5
MUD VISC.	Disp. Capacity 1483.22	

COUNTY/PARISH	STATE	API. NO.
Sevier	ORIGINAL	

NAME Cubit

AND _____

ADDRESS _____

ZIP CODE _____

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SPECIAL INSTRUCTIONS

NOTE: Include Footage From Ground Level To Head In Disd. Capacity				
Float	TYPE	0.5 INJECT	DEPTH	1483.28
SHOE	TYPE	TX TITRADO	DEPTH	1528.80

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 347 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)

PRESSURE LIMIT _____ PSI BUMP PLUG TO 270 PSI

ROTATE _____ RPM RECIPROGATE _____ FT No. of Centralizers 6

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT TOOL TYPE

Single GRADE TAIL PIPE: SIZE DEPTH

Swage THREAD TUBING VOLUME Bbls

Knockoff NEW/ USED CASING VOL. BELOW TOOL Bbls

BOT CW DEPTH TOTAL Bbls

ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: 0230 DATE: 12-31

ARRIVE ON LOCATION TIME: 0230 DATE: 12-31

LEFT LOCATION TIME: 1130 DATE: 12-31

TIME	PRESSURE		VOLUME PUMPED SBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								PRE-JOB SAFETY MEETING
0953	1500							PRESSURE TEST LINES
0955		210	10		5	11.20	8.34	START WATER ahead
0957		270	194	10	8	12.4		WATER ahead PUMPED START LEAD CMT
1021		300	35	204		14.8		LEAD CMT PUMPED START TAIL CMT
1025		300		239				TAIL CMT PUMPED STOP CMT
1026		-		239				Deep top plug
1026		-	95	239	7	16.2	8.34	START DISPLACEMENT
1030		270		30	6			CEMENT TO SURFACE
1031		290		35	6			Slow rate.
1039		320		84	2			Slow rate.
1043		450		95	2			Bump top plug
1043		870						CHECK FLOWT. FLOWT HEADLINE

RELEASED

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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED		
						BBLs	DENSITY	
1.	550	1.98	65/35 (C/P 2)	+ 6% D20	+ 2% C31	+ 74 %/3K D27	194	12.4
2.	150	1.32	C1355 C	+ 2% C31			35	14.2
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated	STATE COVERED BY COMMISSION
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 95	Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT. MEASURED DISPLACEMENT <input checked="" type="checkbox"/>	<input type="checkbox"/> WIRELINE
PERFORMATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR
			Jim TOLL	CONSERVATION DIVISION

APR 26 1993

Wichita, Kansas