

ORIGINAL

KCC

OCT 0 2

SIDE ONE

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

API NO. 15- 175-21,194-0000 **CONFIDENTIAL**

County Seward
App NE SE Sec. 25 Twp. 32S Rge. 34 East West

Operator: License # 6120

1420 Ft. North from Southeast Corner of Section

Name: Cabot Oil & Gas Corporation

1987 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 9400 N. Broadway, Suite 608

Lease Name Hitch Well # 2-25

City/State/Zip Oklahoma City, OK 73114

Field Name Hitch

Purchaser: Cabot Oil & Gas Marketing Corp

Producing Formation Morrow

Operator Contact Person: Jim R. Pendergrass

Elevation: Ground 2859' KB 2870'

Phone (405) 478-6500

Total Depth 6,170' PBSD 5878'

Contractor: Name: H-40 Drilling, Inc.

License: 30692

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

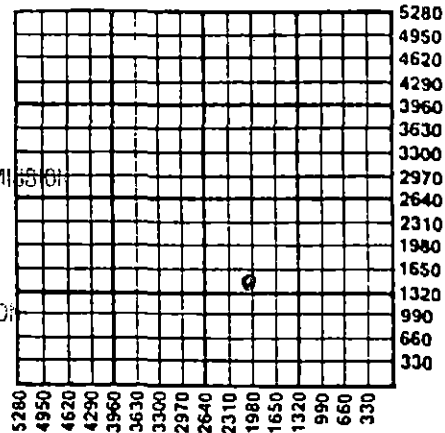
Oil SWD Temp. Abd.

Gas Inj Delayed Completion

Dry Other (Core, Water Supply, etc)

RECEIVED
STATE CORPORATION COMMISSION

OCT 04 1991



If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8-25-91 9-2-91 9/18/91

Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 1,667 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3021 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Robert E. Mitchell

Title Regulatory Coordinator Date 10/3/91

Subscribed and sworn to before me this 3 day of October, 19 91.

Notary Public Conrad B. Turner

Date Commission Expires September 2, 1992

RELEASED

REC 11 8 1992

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

FROM CONFIDENTIAL

Form ACO-1 (7-89)

pl

SIDE TWO

Operator Name Cabot Oil & Gas Corporation Lease Name Hitch Well # 2-25
 Sec. 25 Twp. 32S Rge. 34 East West
 County Seward

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Sand and Red Bed</td><td>0</td><td>975'</td></tr> <tr><td>Sand</td><td>975'</td><td>1,340'</td></tr> <tr><td>Shale</td><td>1,340'</td><td>1,530'</td></tr> <tr><td>Red Bed</td><td>1,530'</td><td>1,649'</td></tr> <tr><td>Anhydrite</td><td>1,649'</td><td>1,675'</td></tr> <tr><td>Shale</td><td>1,675'</td><td>2,430'</td></tr> <tr><td>Shale and Lime</td><td>2,430'</td><td>5,604'</td></tr> <tr><td>Shale</td><td>5,604'</td><td>5,730'</td></tr> <tr><td>Shale and Lime</td><td>5,730'</td><td>6,170'</td></tr> <tr><td>Rotary Total Depth</td><td></td><td>6,170'</td></tr> </tbody> </table>	Name	Top	Bottom	Sand and Red Bed	0	975'	Sand	975'	1,340'	Shale	1,340'	1,530'	Red Bed	1,530'	1,649'	Anhydrite	1,649'	1,675'	Shale	1,675'	2,430'	Shale and Lime	2,430'	5,604'	Shale	5,604'	5,730'	Shale and Lime	5,730'	6,170'	Rotary Total Depth		6,170'
Name	Top	Bottom																																
Sand and Red Bed	0	975'																																
Sand	975'	1,340'																																
Shale	1,340'	1,530'																																
Red Bed	1,530'	1,649'																																
Anhydrite	1,649'	1,675'																																
Shale	1,675'	2,430'																																
Shale and Lime	2,430'	5,604'																																
Shale	5,604'	5,730'																																
Shale and Lime	5,730'	6,170'																																
Rotary Total Depth		6,170'																																

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	30"	20"		63'	8½ yards grout		
Surface	12-1/4"	8-5/8"	24#	1,667'	35-65 Poz Class H	625 150	2% cc 2% cc
Production	7-7/8"	4-1/2"	10.5#	6,000' 2nd stage	50-50 Poz	420	2% gel
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 SPF	5608' - 5630			N/A			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
2 3/8"		5502'					
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)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
	0	bbls	2.3	MMCF	0	Bbls.	N/A
							Gravity
							N/A

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____

300 8 10 11
 JALYACI 1000 11 11

DOWELL SCHLUMBERGER INCORPORATED
 P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

ORIGINAL

DSI SERVICE ORDER
 RECEIPT AND INVOICE NO.
 03-12-3994

CUSTOMER NUMBER: [blank] CUSTOMER P.O. NUMBER: [blank]

DSI SERVICE LOCATION NAME AND NUMBER
 City 5505, Xs 07-12

OILFIELD SERVICES [] INDUSTRIAL SERVICES []
 TYPE SERVICE CODE: 271
 BUSINESS CODES: []
 WORKOVER [] NEW WELL [] OTHER []
 API OR IC NUMBER: []

CUSTOMER'S NAME: Cabot Corp

ADDRESS: [blank]

CITY, STATE AND ZIP CODE: [blank]

ARRIVE LOCATION: 8 26 91 0100
 MO DAY YR TIME

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.

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. [blank] in accordance with the terms and conditions as printed on the reverse side of this form.

JOB COMPLETION: 8 26 91 0530
 MO DAY YR TIME

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE: [Signature]

STATE: TX CODE: 15 COUNTY/PARISH: Seward CODE: 175 CITY: [blank]

WELL NAME AND NUMBER / JOB SITE: Hitch # 2-25 LOCATION AND POOL / PLANT ADDRESS: Sec 25-325-34a SHIPPED VIA: DS

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059200-002	mileage	MI	50	2.65	132.50
059697-000	1 PACR chg	EA	1	125.00	125.00
049102-000	hauling 73279'x	Ton/mi	1832	.80	1465.60
049100-000	service chg	cuft	857	1.15	985.55
040015-000	0.909 class H	SK	557	7.25	4038.25
045008-000	0.35 lit 2002	ST	218	3.50	763.00
045014-050	0.20 bentonite	lb	3263	.16	522.08
067005-100	calc	lb	1371	.34	466.14
056704-085	Top plug	EA	1	150.00	150.00
044003-025	0.29 cellophane flakes	lb	156	1.45	226.20
102871-020	PUMP chg	EA	1	1000.00	1000.00

ORDER RECEIVED
 bid price # 6539.53
 OCT 04 1991

Thank's For using DS SUB TOTAL: Field est. 9874.32

LICENSE/REIMBURSEMENT FEE [blank]

REMARKS: Good Job! FROM CONFIDENTIAL

SIGNATURE OF DSI REPRESENTATIVE: James Enguel TOTAL \$ [blank]

ORIGINAL

CEMENTING SERVICE REPORT

ORIGINAL **DS**

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-3994 DATE: 8-26-91
 STAGE: DS DISTRICT: WYSSSES, KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Hitch #2-25 LOCATION (LEGAL) Sec 25-22S-34W
 FIELD-POOL FORMATION **CONFIDENTIAL**

COUNTY/PARISH Seward STATE KS API. NO.

NAME Cabot Corp. AND ADDRESS ZIP CODE

RIG NAME: H 40 Drilling #1
 WELL DATA: TOP BOTTOM
 BIT SIZE 2 1/4 CSG/Liner Size 8 5/8
 TOTAL DEPTH 1072 WEIGHT 24
 ROT CABLE FOOTAGE 1067.4
 MUD TYPE GRADE
 BHST BHCT THREADED Red
 MUD DENSITY LESS FOOTAGE SHOE JOINT 3.9 TOTAL
 MUD VISC. Disp. Capacity 103.4

SPECIAL INSTRUCTIONS

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
 Float TYPE Surface Fill DEPTH 1023.54
 SHOE TYPE Texas pattern DEPTH 1067.4
 Stage Tool TYPE DEPTH

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE TYPE
 Single WEIGHT TOOL DEPTH
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 685 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT PSI BUMP PLUG TO 1100 PSI TOP NEW USED CASING VOL. BELOW TOOL Bbls
 ROTATE RPM RECIPROCATE FT No. of Centralizers 10 BOT R W DEPTH TOTAL Bbls
 ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME 100 DATE 8-26-91 ARRIVE ON LOCATION TIME 0100 DATE 8-26-91 LEFT LOCATION TIME 0630 DATE 8-26-91

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								PRE-JOB SAFETY MEETING
0407		0	23		5	H2O		start H2O ahead
0412		150	220		6	cmt	12.4	start lead cement
0443		110	181		6	cmt	12.4	psi check
0450		90	28		4	cmt	16.4	start tail
0458		0						shutdown deep top plug
0500		70	103		5 1/2	H2O		start displacement
0511		270		60	5 1/2	H2O		psi check
0515		430		80	4	H2O		lower rate
0517		446		92	2 1/2	H2O		lower rate
0521		490		100	2	H2O		lower rate
0522		1100			2	H2O		bump top plug
0523								check float holding end job

RECEIVED
 STATE CORPORATION COMMISSION
 OCT 04 1991

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BBL'S	DENSITY		
1.	625	1.98	65 H	35 spoz + 6% D20 + 2% crch + 1/4" D29	220	12.4
2.						
3.	150	1.05	class H + 2% crch		28	16.4
4.						
5.						
6.						

DEC 08 1992

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 1198 psi
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 70 Bbls
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 103.4 Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE GAS INJECTION WILDCAT
 PERFORMANCES CUSTOMER REPRESENTATIVE DS SUPERVISOR
 TO TO FRANK BURKE James Esquivel

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

ORIGINAL

DSI SERVICE ORDER
RECEIPT AND INVOICE NO.
03-12-4010

DSI SERVICE LOCATION NAME AND NUMBER
Wichitas, KS 03-12

OILFIELD SERVICES
INDUSTRIAL SERVICES

CUSTOMER NUMBER CUSTOMER P.O. NUMBER

TYPE SERVICE CODE BUSINESS CODES

CUSTOMER'S NAME
Abbot Corp

WORKOVER NEW WELL OTHER
 W N O
API OR IC NUMBER

ADDRESS
CITY, STATE AND ZIP CODE

ARRIVE LOCATION
9 3 91 1900

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.

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
9 9 91

STATE CODE COUNTY/PARISH CODE CITY
KS Seward

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
[Signature]

WELL NAME AND NUMBER / JOB SITE LOCATION AND POOL / PLANT ADDRESS
Hitch # 2-25 Sec 25-32-34

SHIPPED VIA
DS

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-060	PUMP chg	EA	1	1485.00	1485.00
048016-000	2nd stage pump	EA	1	975.00	975.00
059200-002	mileage	mi	50	2.65	132.50
059697-000	PACK chg	EA	1	125.00	125.00
049102-000	hauling 55391 x 50	ton/mi	1385	.80	1108.00
049100-000	service chg	du/ft	667	1.15	767.05
040015-060	D909 class H	SK	305	7.25	2211.25
045008-000	D35 litepoz	SK	305	3.50	1067.50
045014-050	D30 bayton to	lb	1025	.16	164.00
045004-050	D44 salt	lb	2773	.11	305.03
047007-050	D65 Tin dispersant	lb	256	4.55	1164.80
047002-050	D46 Anti Foam Agent	lb	103	2.85	293.55
100283-000	0827 CW100	66l	24	33.25	798.00
048601-000	cement head + manifold	EA	1	00.00	no charge

RECEIPT

Thank For using DS

RELEASED 10/12/91 est. \$10596.68

REMARKS: STATE CORPORATION COMMISSION STATE COUNTY FROM CONFIDENTIAL

OCT 04 1991

Wichita, Kansas

SIGNATURE OF DSI REPRESENTATIVE
James Esquivel

TOTAL \$

ORIGINAL

CEMENTING SERVICE REPORT

ORIGINAL **DS**

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-4010 DATE: 9-3-91
 STAGE: 1st DS: DISTRICT: Ulysses, KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO.: Hitch # 2-25
 LOCATION (LEGAL): Sec. 25-32s-34w
 COUNTY/PARISH: Seward STATE: KS
 NAME: Cabot Corp. API. NO.:
 ADDRESS: ZIP CODE:

RIG NAME: H 40 Drilling # 1
 WELL DATUM: BIT SIZE: 5 7/8 CSO/LINE: 4 1/2
 TOTAL DEPTH: 6170 WEIGHT: 10.5
 MUD TYPE: GRADE: KSS
 MUD DENSITY: 8.12
 MUD VISC.: 93.9

SPECIAL INSTRUCTIONS: 1st stage

Float	TYPE	DEPTH	3020.73
Stage Tool	TYPE	DEPTH	
SHOE	TYPE	DEPTH	5998.54

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE: 3962 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²):
 PRESSURE LIMIT: PSI BUMP PLUG TO: 1610 PSI
 ROTATE: RPM RECIPROCATATE: FT No. of Centralizers

JOB SCHEDULED FOR TIME: 9:00 DATE: 9-3-91
 ARRIVE ON LOCATION TIME: 9:00 DATE: 9-3-91
 LEFT LOCATION TIME: DATE: 9-4-91

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	REMARKS
	TBG OR D.P.	CASING	INCREMENT	CUM.				
0001 to 2400								PRE-JOB SAFETY MEETING
2222		10	12		5	cu/100		start cu 100
2224		100	42		4 1/2	cmt. 14.6		start cement
2235		0						shutdown wash pumping lines
2239			94	50	6	H2O		drop 1st plug start displacement
2245		80		36	6	H2O		psi check
2246		30		40	2	H2O		lower rate plug going thru D.V. Tool
2252		70	44	54	4	mud		start mud & INCREASE RATE
2259		170		4		mud		psi check
2301		370		85	2	mud		lower rate
2302		410		2		mud		psi check
2304		520		91	2	mud		psi check
2306		1610		94	2	mud		bump 1st stage plug
2307								check float & holding
2311								drop bomb
2330		640				mud		opening D.V. Tool
2331						mud		D.V. Tool open

RECEIVED
 STATE CORPORATION COMMISSION
 OCT 04 1991
 CONSERVATION DIVISION
 Wichita, Kansas

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY		
1.	190	1.25	50 H			42.2	14.6	
2.			50 per + 2% D-20 + 10% D-44 +					
3.			.5% D-65 + .2% D-46					
4.			RELEASED					
5.								
6.								

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO
 PRESSURE: MAX. MIN.
 BREAKDOWN: WASHED THRU PERFS: YES NO TO FT. MEASURED DISPLACEMENT: 94 BBL
 TYPE OF WELL: OIL GAS STORAGE INJECTION BRINE WATER WILDCAT
 PERFORATIONS: TO TO TO TO
 CUSTOMER REPRESENTATIVE: FRANK BURKE
 SUPERVISOR: James Esquivel

CEMENTING SERVICE REPORT

ORIGINAL **DS**

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER **03-12-4010** DATE **9-4-91**
 STAGE **2nd** DS **WYSSSES** DISTRICT **Ks.**

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. **Hitch #2-25** LOCATION (LEGAL) **Sec 25-32s-34w**
 FIELD-POOL **KCO** FORMATION **KCO**

RIG NAME: **H 40 Drilling #1**
 WELL DATA: BIT SIZE **7 7/8** CSG/LINER SIZE **4 1/2**
 TOTAL DEPTH **4070** WEIGHT **10.5**
 ROT CABLE FOOTAGE
 MUD TYPE GRADE
 BHST BHCT THREAD
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S)
 MUD VISC. Disp. Capacity **48**

COUNTY/PARISH **Seward** STATE **Ks.** API. NO. **0010**

NAME **Cabot Corp** CONFIDENTIAL

ADDRESS _____ ZIP CODE _____

BIT SIZE	CSG/LINER SIZE				
TOTAL DEPTH	WEIGHT				
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE				
MUD TYPE	GRADE				
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD				
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)				TOTAL
MUD VISC.	Disp. Capacity	48			

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE		Stage Tool	TYPE	
	DEPTH			DEPTH	3020.73
SHOE	TYPE		Stage Tool	TYPE	
	DEPTH			DEPTH	

SPECIAL INSTRUCTIONS
2nd stage

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **3962** PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **2680** PSI BUMP PLUG TO **2680** PSI
 ROTATE RPM RECIPROCATE FT No. of Centralizers **20**

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE WEIGHT TOOL TYPE DEPTH
 Single GRADE TAIL PIPE: SIZE DEPTH
 Swage THREAD TUBING VOLUME Bbls
 Knockoff NEW USED CASING VOL. BELOW TOOL Bbls
 BOT OR W DEPTH TOTAL Bbls
 ANNUAL VOLUME Bbls

TIME PRESSURE VOLUME PUMPED bbl. JOB SCHEDULED FOR ARRIVE ON LOCATION LEFT LOCATION
 TIME: DATE: TIME: DATE: TIME: DATE: **0800** DATE: **9-4-91**

TIME	PRESSURE		VOLUME PUMPED bbl.		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								PRE-JOB SAFETY MEETING
0613		40	3		4	H2O		start H2O ahead
0613		150	12		4	CM100		start CM 100
0617		170	93			CM 14.6		start cement
0642		0						shut down drop closing plug
0643		0	48		4 1/2	H2O		start displacement
0649		90		22	4 1/2	H2O		PSI check
0653		120			3	H2O		lower rate
0656		150		45	3	H2O		PSI check
0658		2680		48	3	H2O		bump 2nd stage plug
0700								check float & holding
								PHD job

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY		
1.	420	1.25	50 H	50 per cent	2% D-20	10% D44	93.5	14.6
2.					5% D46	2% D46		
3.					RELEASED			
4.								
5.								
6.								

BREAKDOWN FLUID TYPE **FROM CONFIDENTIAL** DENSITY MAX. MIN.
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **48** Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE GAS INJECTION WILDCAT
 PERFORATIONS CUSTOMER REPRESENTATIVE **FRANK BURKE** DS SUPERVISOR **JAMES ESQUIVEL**