

~~CONFIDENTIAL~~ koe

ORIGINAL

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- 007-22,316-00-00

County Barber

N/2 N/2 NW Sec. 14 Twp. 31 Rge. 13 East West

4950 Ft. North from Southeast Corner of Section

3960 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name MADDIX Well # 2

Field Name wildcat

Producing Formation D&A

Elevation: Ground 1660 KB 1665

Total Depth 4666 PBTD

Operator: License # 30217

Name: Robba Exploration, Inc.

Address 230 N. Market

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Richard A. Robba

Phone (316) 264-6653

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Richard Robba

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: N/A

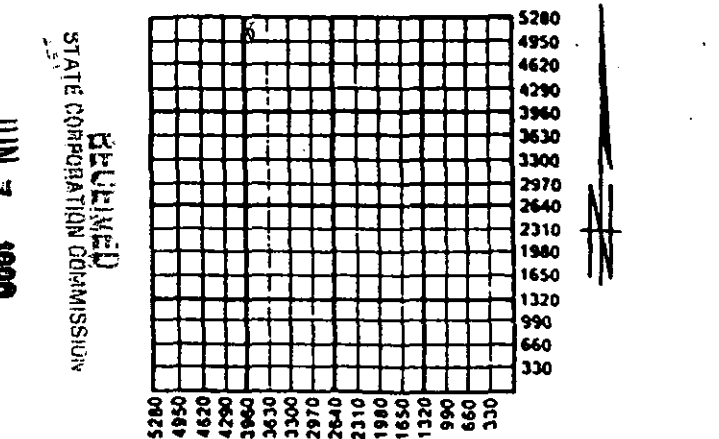
Well Name:

Comp. Date Old Total Depth

Drilling Method:

Mud Rotary Air Rotary Cable

5/05/90 5/14/90 plugged
Spud Date Date Reached TD Completion Date D&A-544-90



Amount of Surface Pipe Set and Cemented at 257 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 cm.

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 Richard A. Robba

Title Geologist Date 05-30-90

Subscribed and sworn to before me this 30th day of May 19 90.

Notary Public on Expires 12-15-93

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

Pi

ORIGINAL

CONFIDENTIAL SIDE TWO

Operator Name Robba Exploration, Inc. Lease Name MADDIX Well # 2

Sec. 14 Twp. 31 Rge. 13 East West County Barber

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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

DST#1 4515-4555 op30,c145,op30,c145
 IFP 73-73 FFP 73-73 ICIP 766 FCIP 604
 Recovery 25'DM w/ spks oil

DST #2 4565-4666 op60,c160,op45, c190
 IFP 110-121 FFP 165-198 ICIP 1604 FCIP 1604
 Recovery 309'MW

Name	Formation Description	
	Top	Bottom
Indian Cave	2719	-1054
Topeka	3391	-1726
Lansing	3821	-2156
BKC	4202	-2539
Mississippi	4296	-2631
Kinderhook	4420	-2755
Viola	4514	-2849
Simpson	4564	-2899

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
Surface	12-1/4"	8-5/8" NEW	20#	257'	60/40 Poz	165	2%gel, 3%cc

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	NA		

TUBING RECORD Size Set At Packer At Liner Run Yes No

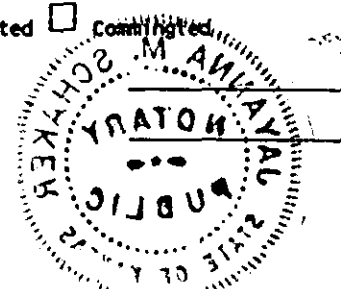
Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION Open Hole Perforation Dually Completed Other (Specify) _____

Production Interval _____





P.O. Box 4442
Houston, Tx. 77210

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

CUSTOMER ACCOUNT NO.		DIST NAME <i>Med 606E</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE	DATE <i>S-14-90</i>	SERVICE CONTRACT NO. 610782
CUSTOMER <i>ROBBA EXPLORATION</i>		DIST NUMBER <i>3350</i>		WELL NO. <i>2</i>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <i>MADDEX</i>		
ADDRESS <i>230 N MARKET</i>		CITY <i>WECHITA</i>		STATE <i>KANSAS</i>	ZIP <i>67202</i>	COUNTY/PARISH <i>BARBER</i>	CODE <i>007</i>
CITY <i>WECHITA</i>		STATE <i>KANSAS</i>		ZIP <i>67202</i>		FIELD NAME <i>WELDRAT</i>	CITY CODE
AUTHORIZED BY <i>VANCE SCHREFFEL</i>		ORDER NO.		WELL OWNER <i>ROBBA EXPLORATION</i>		NTA CODE	
STAGE NO.	JOB CODE <i>0115</i>	WORKING DEPTH <i>600</i> FT.		PUMPING EQUIPMENT		TIME (A OR P)	
TOTAL PREV. GALS.	SURFACE <input type="checkbox"/> INTERMEDIATE <input type="checkbox"/> PRODUCTION <input type="checkbox"/> REMEDIAL <input type="checkbox"/>		TRUCK CALLED		7:00 A		
TOTAL MEAS. DEPTH	SIZE HOLE <i>7 7/8"</i>	DEPTH <i>4666</i> FT.		ARRIVED AT JOB		11:30 A	
FT.	SIZE & WT. CASING <i>8 5/8" 20#</i>	DEPTH <i>265</i> FT.		START OPERATION		12:45 P	
PSI	SIZE & WT. DRILL PIPE OR TUBING <i>4 1/2" 16.6#</i>	DEPTH <i>600</i> FT.		FINISH OPERATION		1:45 P	
AVG. PSI	PACKER DEPTH	FLUID PUMPED		TIME RELEASED		2:00 P	
MAX. PSI	CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT		MILES FROM STATION TO WELL <i>20</i>		SALESMAN NUMBER		

MAX. BPM
6

S/S EMPLOYEE NUMBER
666454

REMARKS

STATE REVENUE & CONSERVATION COMMISSION
WICHITA, KANSAS
JUN 7 1990

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK *07* SIGNED: *X Kevin Brungarot*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	UM	PRICE EXTENSION
10102105	1	PUMP CHARGE	375.00	F	375.00
10109005	20	MILEAGE RT	1.10	F	22.00
10410504	75	CLASS A	5.30	Q	397.50
10415013	50	FLYASH	2.61	Q	130.50
10420145	6	P.T BEL	6.75	C	40.50
10422008	38	CELLOFLAKE	1.27	L	48.26
10330001	125	MIXING SERVICE	.95	Q	118.75
10940415	1	DRAINAGE 5T X 10	45.00	E	45.00
10430536	1	3 5/8" TOP RUBBER PLUG	100.00	E	100.00
		BOOK FEE			12.71 51

SERVICE REPRESENTATIVE: *KEVIN BRUNGAROT* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *X Kevin Brungarot*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

Services. All unpaid bills are subject to maximum legal interest. Effective: 04/15/88

VICES
Vices company

TERMS AND CONDITION

NO. 61010

MM 05	DD 11	YY 80	DISTRICT M.F. Woods	DIST. NO. 3350	AUTHORIZED BY VENCE SCHNEPFL
----------	----------	----------	------------------------	-------------------	---------------------------------

MER: ROBBA

07

INVOICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
		P.S.S.			229.95
		TOTAL		\$	1047.56

RECEIVED
 CONSERVATION DIVISION
 JUN 7 1980
 Wichita, Kansas

AGENT: K. BRUNGART

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

CHECK IF CONTINUATION IS USED

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice. This Service Operations Contract is subject to review and correction by our Accounting Department.

TERMS AND CONDITION

NO. 81012
COMBACI

Date 5-14-90 District Missouri Ticket No. 610732
 Company ROCCA Rig ALLEN #2
 Lease MAADIX Well No. 2
 County BARBER State KANSAS
 Location 14 315 130 Field W/L
12 MONONA SCHOOL 1 1/2 W 1 1/2 N
 CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 3 1/8" Type _____ Weight 30# Collar XA

CEMENT DATA
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type 40-60-6
 Excess _____
 Amt. 175 Skys Yield 1.3 ft³/sk Density 12.8 PPG
 WATER: Lead _____ gals/sk Tail 7.3 gals/sk Total _____ Bbls.

Casing Depths: Top 66 Bottom 265'

Pump Trucks Used 2901 6430 Bob C
 Bulk Equip. 2904 6433 JOHN K

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.1477 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE VENCE SAUREPEL

CEMENTER KEVIN PRINGARD

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>11:30</u>						<u>ON LOCATION, RIG UP</u> <u>JOB SAFETY PROEDURE</u>
						<u>SPOT SOU @ 654'</u>
						<u>SPOT SOU @ 290'</u>
<u>1:45</u>						<u>SOLID BRIDGE @ 40' / 1054</u> <u>GRADUATE CEMENT TO SURFACE</u> <u>IN RATCHLE WITH 155V</u>

RECEIVED
 JUN 7 1990
 STATE COMBINATION COMMISSION
 CONSERVATION DIVISION
 Wichita, Kansas

50065

610782

5-14-90

DATE

DISTRICT NAME

DIRECT SHIPMENT FROM Med. Lodge, Ks.

CUSTOMER NAME AND ADDRESS

DIRECT SHIPMENT FROM

VENDOR NAME

ROBBA EXPLORATION

230 N. MARKET

WECHITA, Ks. 67202

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	CLASS A	Q	75		
2	415018	FLY ASH	Q	50		
3	420145	BT GEL	C	6		
4	422008	CELL-FLAKE	L	38.5		
5	430536	3 1/2" TOP RUBBER PLUG	F	1		
6						
7						
8						
9						
10						
11						
12						
13		(75 SX. FRONT)				
14		(50 SX. REAR)				
15						
16		BSU 2904-6483				
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

STATE DEPARTMENT OF REVENUE
 JUN 7 1990
 CONSERVATION DIVISION
 Weichita, Kansas

COPY 1 - DISTRICT COPY
 COPY 2 - CUSTOMER COPY
 COPY 3 - HOUSTON

LOADED BY:

John Keyce

CUSTOMER

David L. Keyce

PRINTED

SIGNATURE

[Signature]

SIGNATURE

DATE

Corr

EFFECTIVE DATE: 5-2-90

CORRECTION

FORM MUST BE TYPED
FORM C-1 12/88

State of Kansas 15-007-22,316-00-00
NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date May 5 1990 * N/2 N/2 NW Sec 14 Twp 31 S, Rg 13 * X East West
month day year

OPERATOR: License # 30217
Name: Robba Exploration, Inc
Address: 230 N. Market
City/State/Zip: Wichota, Kansas 67202
Contact Person: Richard A. Robba
Phone: (316) 264-6653

4950' feet from South line of Section
3960' feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5418
Name: Allen Drilling Company

County: Barber
Lease Name: Maddix Well #: 2
Field Name: Wildcat
Is this a Prorated Field? yes X no
Target Formation(s): Mississippi
Nearest lease or unit boundary: 990'

Well Drilled For: Well Class: Type Equipment:
X Oil ... Inj ... Infield X Mud Rotary
X Gas ... Storage ... Pool Ext. ... Air Rotary
... OAWO ... Disposal ... X Wildcat ... Cable
... Seismic; ... # of Holes

Ground Surface Elevation: 1656 feet MSL
Domestic well within 330 feet: ... yes X no
Municipal well within one mile: ... yes X no
Depth to bottom of fresh water: 200'
Depth to bottom of usable water: 200'
Surface Pipe by Alternate: X 1 ... 2
Length of Surface Pipe Planned to be set: 250'
Length of Conductor pipe required: ... none
Projected Total Depth: 4700'
Formation at Total Depth: Simpson
Water Source for Drilling Operations:

If OAWO: old well information as follows:
Operator: NA
Well Name: _____
Comp. Date: _____ Old Total Depth _____

... well ... farm pond ... X other
DWR Permit #: To be provided by contractor
Will Cores Be Taken?: ... yes X no
If yes, proposed zone: _____

Directional, Deviated or Horizontal wellbore? ... yes X no
If yes, total depth location: _____

WAS: RG-12; ELEV-1683'
Exp. 10/27/90

AFFIDAVIT IS: RG-13; ELEV-1656' 220' Alt. I R

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

Pusher _____	INIT. _____
SPUD DATE _____	LENGTH SURFACE PLANNED _____
RESERVE PIT STATUS- REMOVE FLUID _____ LINED _____	RESERVE PIT STATUS- REMOVE FLUID _____ LINED _____
Water-salt sect. bbls. when done bbls. _____	Water-salt sect. bbls. when done bbls. _____
RATHOLED AHEAD? Y _____ N _____ SIZE HOLE _____	RATHOLED AHEAD? Y _____ N _____ SIZE HOLE _____
SURFACE PIPE _____ CONDUCTOR _____	SURFACE PIPE _____ CONDUCTOR _____
ANHYDRITE T- _____ B- _____ ELEVATION _____	ANHYDRITE T- _____ B- _____ ELEVATION _____
TD _____ FORMATION _____	TD _____ FORMATION _____
RAN PIPE @ _____ DV TOOL _____ ALT II DONE _____	RAN PIPE @ _____ DV TOOL _____ ALT II DONE _____
_____ SX _____ SX _____ Y _____ N _____	_____ SX _____ SX _____ Y _____ N _____
Arbuckle Plug @ _____ Ft. W/ _____ SX	Arbuckle Plug @ _____ Ft. W/ _____ SX
Hug./Council @ _____ Ft. W/ _____ SX	Hug./Council @ _____ Ft. W/ _____ SX
Anhydrite Base @ _____ Ft. W/ _____ SX	Anhydrite Base @ _____ Ft. W/ _____ SX
1/2 Base Anhy. @ _____ Ft. W/ _____ SX	1/2 Base Anhy. @ _____ Ft. W/ _____ SX
1/2, 1/2 Plug @ _____ Ft. W/ _____ SX	1/2, 1/2 Plug @ _____ Ft. W/ _____ SX
Bottom Surface @ _____ Ft. W/ _____ SX	Bottom Surface @ _____ Ft. W/ _____ SX
40' Plug @ _____ Ft. W/ _____ SX	40' Plug @ _____ Ft. W/ _____ SX
RAT HOLE CIRC/W _____ SX MOUSE HOLE W/ _____ SX	RAT HOLE CIRC/W _____ SX MOUSE HOLE W/ _____ SX
WATER WELL _____ SX (Irr. Well _____ Pond _____)	WATER WELL _____ SX (Irr. Well _____ Pond _____)
TECHNICIAN _____ DATE _____	TECHNICIAN _____ DATE _____
HAULING _____	HAULING _____
TYPE OF CEMENT _____	TYPE OF CEMENT _____
STARTING TIME _____ (AM/PM) DATE _____	STARTING TIME _____ (AM/PM) DATE _____
COMPLETION TIME _____ (AM/PM) DATE _____	COMPLETION TIME _____ (AM/PM) DATE _____
CEMENT COMPANY _____	CEMENT COMPANY _____

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date May 5 1990
month day year

N/2 N/2 NW Sec 14 Twp 31 S, Rg 12 East
West

OPERATOR: License # 30217
Name: Robha Exploration, Inc.
Address: 250 N. Market
City/State/Zip: Wichita, Kansas 67202
Contact Person: Richard A. Robha
Phone: (316) 264-6653

4950' feet from South line of Section
3960' feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5418
Name: Allen Drilling Company

County: Barber
Lease Name: Maddix Well #: 2
Field Name: Wildcat

Well Drilled For: Well Class: Type Equipment:
 Oil ... Inj ... Infield ... Mud Rotary
 Gas ... Storage ... Pool Ext. ... Air Rotary
... OAWO ... Disposal Wildcat ... Cable
... Seismic; ... # of Holes

Is this a Prorated Field? yes no
Target Formation(s): Mississippi
Nearest Lease or unit boundary: 990'
Ground Surface Elevation: 1683 feet MSL
Domestic well within 330 feet: ... yes no
Municipal well within one mile: ... yes no
Depth to bottom of fresh water: 200
Depth to bottom of usable water: 200
Surface Pipe by Alternate: 1 ... 2
Length of Surface Pipe Planned to be set: 250
Length of Conductor pipe required: none
Projected Total Depth: 4650
Formation at Total Depth: Simpson
Water Source for Drilling Operations:

If OAWO: old well information as follows:
Operator: NA
Well Name: _____
Comp. Date: _____ Old Total Depth _____

... well ... farm pond other
DWR Permit #: To be provided by contractor
Will Cores Be Taken?: ... yes no
If yes, proposed zone: _____

Directional, Deviated or Horizontal wellbore? ... yes no
If yes, total depth location: _____

Exp. 10/27/90

220' Alt. I Req.

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.
It is agreed that the following minimum requirements will be met:

STATE CORPORATION COMMISSION

Pusher Vince Schnapple
TD 4666 FORMATION Simpson CONDUCTOR N/O
SURFACE PIPE 8 7/8 @ 257 ELEVATION _____
ANHYDRITE T- B-600 DATE 5-14-90
STARTING TIME 12:45 (AM/PM) DATE 5-14-90
COMPLETION TIME 1:45 (AM/PM) DATE 5-14-90
PLUG NO. S.P. Witness as of plugging

Arbuckle Plug @		Ft. W/	SX
Hug./Council @		Ft. W/	SX
Anhydrite Base @	<u>600</u> <u>654</u>	Ft. W/	<u>50</u> SX
1/2 Base Anyh. @		Ft. W/	SX
1/2, 1/2 Plug @		Ft. W/	SX
Bottom Surface @	<u>290</u>	Ft. W/	<u>50</u> SX
40' Plug @	<u>40</u>	Ft. W/	<u>10</u> SX
RAT HOLE CIRCULATED W/	<u>15</u>		SX
MOUSE HOLE CIRCULATED W/			
WATER WELL PLUGGED W/			
CEMENT COMPANY	<u>B.J. T. Co.</u>		
TECHNICIAN	<u>MS</u>	DATE	<u>5-8-90</u>
TYPE OF CEMENT	<u>60/40 6% 1/4 floccal</u>		
SPUD DATE	<u>5-5-90</u>	INIT.	<u>MS</u>
LENGTH SURFACE PLANNED			
RESERVE PIT STATUS- REMOVE FLUID			LINED

RECEIVED
MAY 15 1990

CONSERVATION DIVISION
Wichita, Kansas