

oil well completion form
FORM OGC-3



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Drilled Well Complete

APPLICATION TO DRILL DEEPEN PLUG BACK FOR AN OIL WELL OR GAS WELL

NAME OF COMPANY OR OPERATOR D.E. Exploration, Inc.		DATE 07/07/99	
ADDRESS 618 Main PO Box 128	CITY Wellsville,	STATE KS	ZIP CODE 66092

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE Belton Unit-Abbey Dunlap	WELL NUMBER AD-28	ELEVATION (GROUND) 1080.
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WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)			
1980 FT. FROM (N)(S) SECTION LINE	1100 FEET FROM (E)(W) SECTION LINE		
SECTION SE 1/4 09	TOWNSHIP 46N	RANGE 33W	COUNTY Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE **660** FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE **220** FEET

PROPOSED DEPTH 650	DRILLING CONTRACTOR, NAME AND ADDRESS Hughes Drilling Co.	ROTARY OR CABLE TOOLS Rotary	APPROX DATE WORK WILL START 07/10/99
NUMBER OF ACRES IN LEASE 560	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 28		NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME **Western Engineering**
ADDRESS _____

NO OF WELLS: PRODUCING **20**
INJECTION **7**
INACTIVE **15**
ABANDONED **0**

STATUS OF BOND SINGLE WELL AMOUNT \$ _____ BLANKET BOND AMOUNT **\$20,000.00** ON FILE ATTACHED

REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM				APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM
650'	4.5"		to surface	650'	4 1/2"		TD to surface

I, the undersigned, state that I am the **President** of the **D.E. Exploration, Inc.** (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE *[Signature]* DATE **07-07-99**

PERMIT NUMBER 20675	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE 7/7/99	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <i>[Signature]</i>	<input type="checkbox"/> SAMPLES REQUIRED	
	<input checked="" type="checkbox"/> SAMPLES NOT REQUIRED	
	<input type="checkbox"/> WATER SAMPLES REQUIRED AT _____	

NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE	DATE
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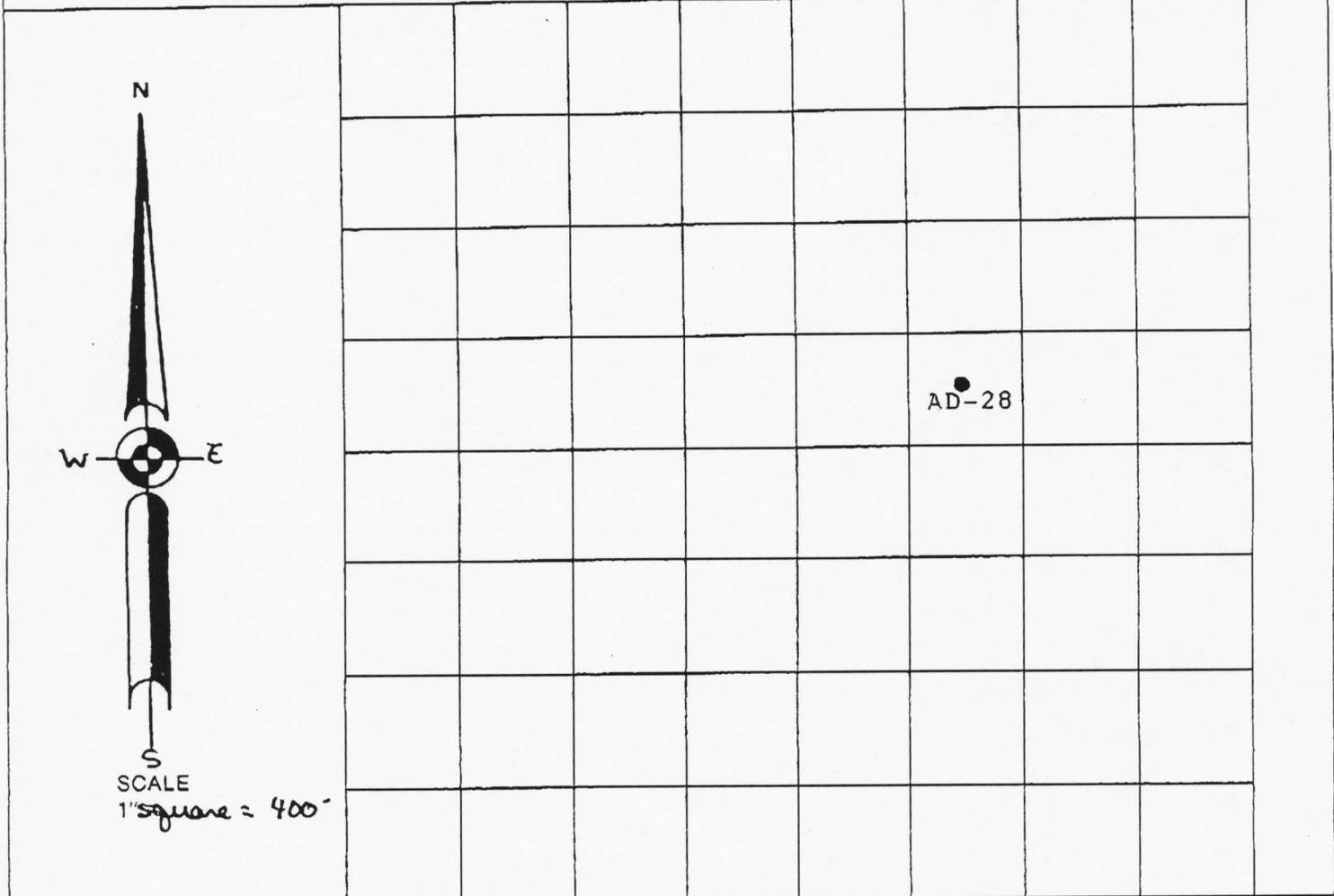
MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

OWNER
D.E.Exploration, Inc.

LEASE NAME
Belton Unit-Abbey Dunlap

COUNTY
Cass

1980 FEET FROM S. SECTION LINE AND 1100 FEET FROM E. SECTION LINE OF SEC. 09, TWP 46 N, RANGE 33
(N) - (S) (E) - (W)



REMARKS

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65401

REGISTERED LAND SURVEYOR

NUMBER

(SEAL)

NOV 01 1999

Form OGC-5



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

NEW WELL WORKOVER DEEPEN PLUG BACK INJECTION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS DRY

OWNER: D.E.Exploration, Inc. ADDRESS: PO Box 128, Wellsville, KS 66092

LEASE NAME: Belton Unit-Abbey Dunlap WELL NUMBER: AD-28

LOCATION: 1980' From S. line 1100' from E. line SEC. TWP. AND RANGE OR BLOCK AND SURVEY: 09 46N 33W

COUNTY: Cass PERMIT NUMBER (OGC-3 OR OGC-31): 20675

DATE SPUDDED: 07-08-99 DATE TOTAL DEPTH REACHED: 07-14-99 DATE COMPLETED READY TO PRODUCE OR INJECT: 08-05-99 ELEVATION (DF, RKR, RT, OR Gr.) FEET: 1080.00 ELEVATION OF CASING HD. FLANGE FEET:

TOTAL DEPTH: 640' PLUG BACK TOTAL DEPTH: N/A

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: producing ROTARY TOOLS USED (INTERVAL): top to bottom DRILLING FLUID USED: fresh water CABLE TOOLS USED (INTERVAL): N/A

WAS THIS WELL DIRECTIONALLY DRILLED?: NO WAS DIRECTIONAL SURVEY MADE?: NO WAS COPY OF DIRECTIONAL SURVEY FILED?: NO DATE FILED: N/A

TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST): Gamma Ray DATE FILED: 08-05-99

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
surface	12 3/4	8 5/8		21.10	4 sks	
product.	6 1/4	4 1/2		635.65		

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
8 5/8 IN.	21.10 FEET	N/A FEET	N/A INCH	N/A FEET	N/A FEET	N/A	

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	3 1/8 Jet X	572-600	20/40 Frac Sand	

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION: Aug. 20, 1999 PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING -- IF PUMPING, SHOW SIZE AND TYPE OF PUMP): pumping- 1 1/2-standard pump

DATE OF TEST: N/A HOURS TESTED: N/A CHOKE SIZE: N/A OIL PRODUCED DURING TEST: N/A GAS PRODUCED DURING TEST: N/A WATER PRODUCED DURING TEST: N/A OIL GRAVITY: API (CORR.)

TUBING PRESSURE: 50# CASING PRESSURE: 50# CALC'D RATE OF PRODUCTION PER 24 HOURS: 4 bbls OIL: 2 bbls GAS: MCF WATER: 2 bbls GAS OIL RATIO: N/A

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD): Held in with pressure valve

METHOD OF DISPOSAL OF MUD PIT CONTENTS: Air dried, back filled

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE President OF THE D.E.Exploration, Inc. COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE: 10-20-99 SIGNATURE: *Donna R. Turner Pres.*

CONTRACTOR

7/8/99-7/14/99

NOV 01 1999 OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

D. E. Exploration, Inc.
P. O. Box 128
Wellsville, Kansas
66092

LOG

Belton Unit
Well 3 AD 28

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	16	Shale	487
5	Clay	7		(Slate 473-475)	
38	Lime	45	10	Gray Sand	497
29	Shale	74		(Lamin. w/shale)	
11	Lime	85	62	Shale (Sdy.)	559
6	Shale	91		Limebreak 524')	
7	Red Bed	98	2	Broken Sand	561
5	Shale	103	1	Shale	562
5	Lime	108	2	Sdy. Shale	564
21	Shale	129	1	Shale	565
19	Gray Sand	148	5	Sdy. Shale	570
20	Shale	168	4	Broken Sand	574
31	Lime 30'	199	1.5	Shale	575.5
6	Shale	205	19.5	Sand	595
	(Slate 201-202)		2	Sdy. Shale	597
20	Lime 20'	225	1	Sand	598
5	Shale	230	1	Sdy. Shale	599
	(Slate 229-230)		2	Sand	601
2	Lime	232	2.5	Shale	603.5
3	Shale	235	5	Sand	608.5
7	Lime ("HERTHA")	242	3.5	Lt. Brown Sand	612
104	Shale	346	1	Slate 613	
	(Sdy. 282-295)		1	Slate	613
7	Gray Sand	353	10	Shale	623
67	Shale	420	2	Lime	625
	(Sdy. Shale 379-400)		10	Shale	635
4	Lime	424		(Slate 628-629)	
4	Shale	428	1	Lime	636
5	Lime	433	4	Shale	640 T.1
7	Shale	440			
6	Lime	446			
4	Shale	450			
3	Gray Sand	453			
13	Shale	466			
5	Lime	471			

NOV 01 1999

CONTRACTOR

OPERATOR

HUGHES DRILLING COMPANY
 122 NORTH MAIN
 WELLSVILLE, KANSAS 66092

LOG

Belton Unit
 Well # AD 28
 cont.

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
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7/8/99-7/14/99

Drilled 640' of hole (6½")

7/8/99

Set 21.10' of 8 5/8" surface pipe.
 Cemented in with 4 sacks cement.

7/13/99

Cored Squirrel Zone--3 cores.

7/14/99

Set 635.65' of 4½" pipe.
 Used 3 centralizers.
 Float shoe on bottom.



CONSOLIDATED INDUSTRIAL SERVICES

AN INFINITY COMPANY

211 W. 14th, P.O. Box 884 Chanute, KS 66720 • 316/431-9210 • 1-800/467-8676

S 2355
O D.E. EXPLORATION
L P.O. BOX 128
D WELLSVILLE KS 66092

T
O

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	P.O. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.	UNIT PRICE	UNITS	DESCRIPTION	UNIT MEAS	EXTENDED PRICE
2355	0019	10	BELTON UNIT # AD-28	08/05/1999	10954					
5102						1000.0000	1.0000	MINIMUM PUMP CHARGE	EA	1000.00
1208						130.0000	.1250	BREAKER	GA	16.25
5301C						225.0000	1.0000	ACID SPOTTER	EA	225.00
3107						.7000	50.0000	15% HCL	GA	35.00
1123						10.0000	1.0000	CITY WATER(BUCYRUS)	EA	10.00
1123						10.0000	5.0000	CITY WATER(CHANUTE)	EA	50.00
1215						23.9500	12.0000	KCL SUB	GA	287.40
4139						1.6500	47.0000	7/8" RUBBER BALL SEALERS (SP 1.3)	EA	77.55
1231						3.4000	75.0000	FRAC GEL	LB	255.00
5501						60.0000	5.0000	WATER TRANSPORT	HR	300.00
5501						60.0000	2.5000	WATER TRANSPORT	HR	150.00
2101						7.7500	3.0000	20/40 FRAC SAND	SK	23.25
2102						10.5000	47.0000	12/20 MESH	SK	493.50

(continued on next page)

TERMS: Net 30 Days
 A Finance Charge computed
 at 1% per month (annual per-
 centage rate of 12%) will be
 added to balances over 30
 days.

REMIT TO: CONSOLIDATED IND. SERVICES
P.O. BOX 26147
SHAWNEE MISSION, KS 66225

INVOICE DATE	INVOICE NO.
08/09/99	00164474

PLEASE PAY

ORIGINAL INVOICE

GROSS INVOICE TAX

Thank You!

NOV 01 1999



**CONSOLIDATED
INDUSTRIAL
SERVICES**
AN INFINITY COMPANY

211 W. 14th, P.O. Box 884 Chanute, KS 66720 • 316/431-9210 • 1-800/467-8676

S 2355
O D.E. EXPLORATION
L P.O. BOX 128
D WELLSVILLE KS 66092

T
O

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.
2355

P.O. NO.
0019

LOCATION
10

LEASE AND WELL NO.
BELTON UNIT # AD-28

ITEM NUMBER	DATE OF JOB	UNITS	DESCRIPTION	UNIT PRICE	UNIT MEAS	EXTENDED PRICE
5109	08/05/1999	1.0000	BULK SAND DELIVERY	50.0000	EA	50.00

8.80

ORIGINAL INVOICE

Thank You!

PLEASE PAY
2981.75

INVOICE DATE 08/09/99	INVOICE NO. 00164474
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TERMS: Net 30 Days
A Finance Charge computed at 1% per month (annual percentage rate of 12%) will be added to balances over 30 days.

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 OR 800-467-8676

TICKET NUMBER **11**

LOCATION Belton Mo
D158-3/4E-N. side
 FOREMAN Jerry Hester

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-5-99		Belton Unit AD28					Cass	sgu.
CHARGE TO <u>D. E. Explor. Co Doug Evans</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	<u>4 1/2</u>
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	<u>572-600</u>
SHOTS/FT	<u>55 sh</u>
OPEN HOLE	
TREATMENT VIA	<u>Casing</u>

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> 4FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
SURFACE PIPE	THEORETICAL	INSTRUCTED
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Spot 50 gal. 15% HCL. Break down and stage acid. establish max rate. pump 15-20 Bbl. pad- 1,000# sand- Balls- 1,000# sand- Balls- 1,000# sand- Balls- 1,000# sand- flush to perms- flow balls off- 10 Bbl. overflow

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Spotted 50 gal. 15% HCL- Brake down and staged acid. established max rate- pumped 20 Bbl pad- 300# 20/40- 700# 12/20- 15 balls- 1,000# 12/20- 15 balls- 1,000# 12/20- 17 balls- 1,000# 12/20- flushed to perms- flowed balls off- 10 Bbl. overflow

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	
FINAL DISPLACEMENT	<u>1500</u> psi
ANNULUS	<u>1500</u> psi
MAXIMUM	<u>1500</u> psi
MINIMUM	<u>500</u> psi
AVERAGE	<u>500</u> psi
ISIP	
5 MIN SIP	<u>300</u> psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	<u>20</u>
FINAL BPM	<u>5</u>
MINIMUM BPM	"
MAXIMUM BPM	"
AVERAGE BPM	"
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.