

Permit #: 20061

Date Issued: 1-20-93

County: Bates

Date Cancelled: _____

CONFIDENTIAL UNIT: _____

Date Plugged: 3-4-93

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	<u>11-19-92</u>
3i	
4	
4i	
5	<u>4-22-93</u>
6	
7	
8	<u>4-22-93</u>
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	<u>GRN</u>		
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data:



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

NAME OF COMPANY OR OPERATOR Colt Energy, Inc.		DATE 11-17-92	
ADDRESS P.O. Box 388	CITY Iola	STATE Kansas	ZIP CODE 66749

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE Beco	WELL NUMBER #1-33	ELEVATION (GROUND) 855
------------------------------	-----------------------------	----------------------------------

WELL LOCATION: 330 FT. FROM (N) SECTION LINE 330 FEET FROM (E) SECTION LINE

SECTION 33	TOWNSHIP 41N	RANGE 33W	COUNTY Bates
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NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 3630 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE ----- FEET

PROPOSED DEPTH 550	DRILLING CONTRACTOR, NAME AND ADDRESS Evans Energy Dev., Inc.	ROTARY OR CABLE TOOLS Rotary	APPROX. DATE WORK WILL START 12-1-92
------------------------------	---	--	--

NUMBER OF ACRES IN LEASE 3985	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <u>1</u>
	NUMBER OF ABANDONED WELLS ON LEASE <u>0</u>

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

NO. OF WELLS: PRODUCING 0
INJECTION 0
INACTIVE 0
ABANDONED 0

STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 50,000	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED
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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.
30	6 5/8	17	6SXS	30'	6 5/8	17	6 SXS
550	2 7/8	6.4	50SXS	550'	2 7/8	6.4	50 SXS

I, the undersigned, state that I am the Agent of the Colt Energy, 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 Dennis Kershner DATE **11-17-92**

PERMIT NUMBER #20061	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE 1/20/93	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <u>James Holly Williams</u> FK	<input type="checkbox"/> SAMPLES REQUIRED	
	<input 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
---------------------	------

W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

REFERENCE: BATES COUNTY SURVEY RECORD BOOK PAGE 1644

SHEET 1 OF 2

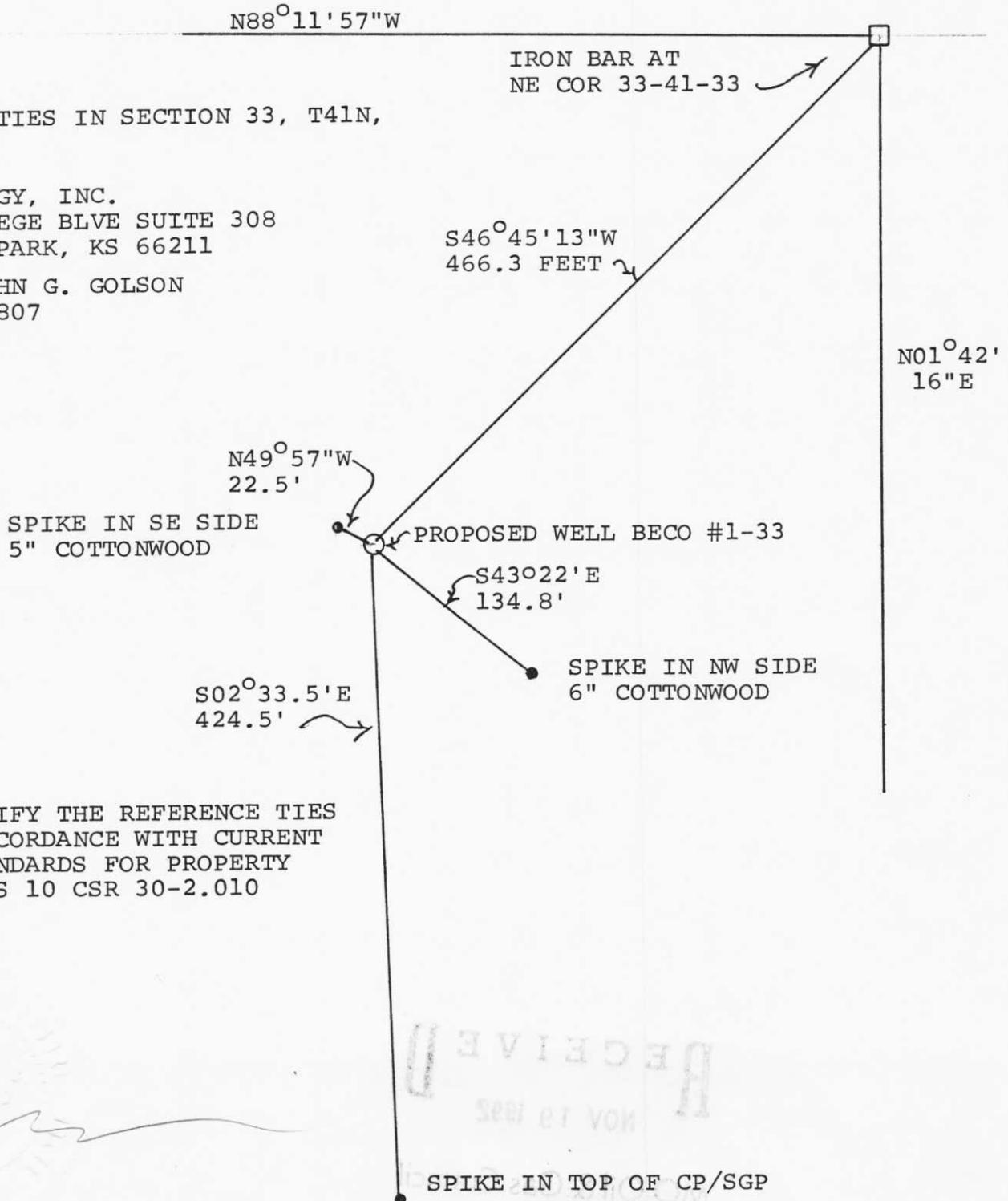


1"=100'

NOV 7, 1992

WELL REFERENCE TIES IN SECTION 33, T41N,
R33W

FOR: COLT ENERGY, INC.
4500 COLLEGE BLVE SUITE 308
OVERLAND PARK, KS 66211
ATTN: JOHN G. GOLSON
913-451-3807



THIS IS TO CERTIFY THE REFERENCE TIES
SHOWN ARE IN ACCORDANCE WITH CURRENT
DNR MINIMUM STANDARDS FOR PROPERTY
BOUNDARY SURVEYS 10 CSR 30-2.010

RECEIVED
NOV 19 1992

SPIKE IN TOP OF CP/SGP

PROPOSED WELL
BECO # 1-33
ELV = 852

330'
330'

PROPOSED WELL
BECO #2-33
ELV = 855

660'

1300'

WELL LOCATION MAP BATES COUNTY TAX
MAP 65-06-8


WILLIAM C. LETHCHO LS-1539
SHEET 2 OF 2



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

RECEIVED Form OGC-5
APR 22 1993

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

OWNER Colt Energy, Inc.		ADDRESS P.O. Box 388, Iola, Kansas 66749	
LEASE NAME Beco		WELL NUMBER 1-33	
LOCATION 330FNL 330FEL		SEC. TWP. AND RANGE OR BLOCK AND SURVEY 33-41-33	
COUNTY Bates	PERMIT NUMBER (OGC-3 OR OGC-3I) 20061		
DATE SPUDDED 2-26-93	DATE TOTAL DEPTH REACHED 3-4-93	DATE COMPLETED READY TO PRODUCE OR INJECT -----	ELEVATION (DF, RKR, RT, OR Gr.) FEET 855
TOTAL DEPTH 502	PLUG BACK TOTAL DEPTH -----		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION -----		ROTARY TOOLS USED (INTERVAL) 0 TO 502	CABLE TOOLS USED (INTERVAL) -----
DRILLING FLUID USED -----	WAS THIS WELL DIRECTIONALLY DRILLED? No		DATE FILED -----
WAS DIRECTIONAL SURVEY MADE? No		WAS COPY OF DIRECTIONAL SURVEY FILED? No	DATE FILED 4-20-93
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) Gamma-Newtron, Drillers			DATE FILED 4-20-93

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	9 5/8	7"	17#	34'	6SXS	-0-

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
IN.	FEET	FEET	INCH	FEET	FEET	FEET	FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

INITIAL PRODUCTION

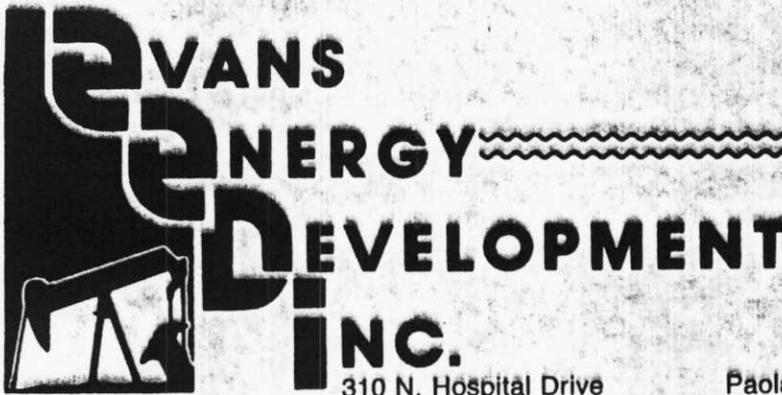
DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING -- IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF	WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR.)
TUBING PRESSURE	CASING PRESSURE	CALC'D RATE OF PRODUCTION PER 24 HOURS		OIL bbls.	GAS MCF	WATER bbls.
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)						

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Pumped Fluid Out --Pushed pit in.

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Agent OF THE Colt Energy, 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 4-20-93	SIGNATURE
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310 N. Hospital Drive

Paola, Kansas 66071

(913) 294-9083

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APR 22 1993

MO Oil & Gas Council
Custom oil & gas drilling
Lease Development

WELL LOG
Beco - #1-33
Colt Energy, Inc.
Permit Number 20061
February 26 - March 4, 1993

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
16	soil & clay	16
2	lime	18
13	clay & shale	31-31' top of consolidated shale
2	shale	33
16	lime	49
14	shale	63
4	lime	67-brown, odor in top
1	lime	68-gray
5	shale	73-black
4	sand	77-brown, gas
2	limey sand	79-gray
5	sand	84-fine grained, 10% shale laminations
16	shale	100
17	lime	117
2	shale	119-gray
2	shale	121-black
7	shale	128-gray
1	lime	129
1	shale	130
1	lime	131
1.5	shale	132.5
.5	sand	133
2	shale	135
2	sandy shale	137-light gray, sandy
.5	sand	137.5-light brown
3.2	sand & shale	140.7
13.1	sand	153.8-light brown, no bleeding
6.3	shale	160.1-gray
1	sand & shale	161.1-40% light brown sand, 60% shale
24.9	sand	186-light brown, no bleeding
2	sand	188-drilled, bleeding oil
4	sand	192-light bleeding of oil, brown
.3	shale	192.3
2.1	sand & shale	194.4-laminated
5.6	sand	200-black, very light bleeding
3	sand	203-black, light sheen
7.2	sand	210.2-gray, no show

3.1	shale	213.3
6.7	sand	220-gray, no show
2.5	shale	222.5-dark
.3	lime	222.8
2.7	shale	225.5
1	coal	226.5
8.5	shale	234-dark
3	lime	237-black lime with fossils
4	shale	241-dark
1	coal	242
10	shale	252-light gray
15	shale	267-gray
6	shale	273-dark
6	shale	279-light gray
32	shale	311-gray
2	coal	313
14	shale	327
3	sand	330-light brown, very light bleeding
6	sand & shale	336-thin laminations, gray shale & gray sand
15	shale	351
2	sand	353-light brown, very light bleeding
2	sand & shale	355-laminated dark shale & gray sand
3	shale	358-dark with few thin gray sand laminations
7	shale	365
10	sand	375-very light brown
6	sand	381-very light brown, slight bleeding of oil
1.5	sand & shale	382.5-light brown sand & silty shale
6.7	silt & shale	389.2-wavy laminations
.3	coal	389.5
3.5	shale	392
4	sandy shale	396-light gray
45	shale	441
23	sand	464-gray
14	shale	478
7	sand	485-light gray
17	lime	502-TD-Mississippian

Set 34.0' of 7" T & C Surface Casing.

This well was plugged with 66 sacks cement from 502' to the surface, on March 4, 8:00 a.m. to 9:30 a.m.

Squirrel Formation Core Times

	<u>Min.</u>	<u>Sec.</u>
138		45
139		40
140		40
141		45
142		50
143		55
144		50
145		55
146	1	05
147	1	10
148	1	15

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC-7

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OWNER Colt Energy, Inc.		ADDRESS P.O. Box 388, Iola, Kansas 66749	
NAME OF LEASE Beco		WELL NUMBER 1-33	PERMIT NUMBER (OGC-1 OR OGC-3) NUMBER 20061
LOCATION OF WELL 330FNL 330FEL		SEC-TWP-RNG OR BLOCK & SURVEY 33-41-33	COUNTY Bates
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF Colt Energy, Inc.	HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY) GAS (MCF/DAY)	DRY? Dry
DATE ABANDONED 3-4-93	TOTAL DEPTH 502	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) GAS (MCF/DAY)	WATER (BBL/DAY) -0-

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, & depth of plugs used, giving amount cement.
Squirrel	Light Bleeding (oil)	330-382.5	Cement Plugged well from 502' to surface using 66 sxs
Mississippi Lime	Dry	485-502	

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
7"	34'	-0-	34'	Cut below plow depth	

WAS WELL FILLED WITH MUD-LADEN FLUID? INDICATE DEEPEST FORMATION CONTAINING FRESH WATER

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

NAME	ADDRESS	DIRECTION FROM THIS WELL
Beco Land & Cattle Co., Inc.	Rt. 5, P.O. Box 79 Butler, Mo. 64730	Landowner

METHOD OF DISPOSAL OF MUD PIT CONTENTS ▶ Pumped fluid out -- Pushed pit in.

NOTE FILE THIS FORM IN DUPLICATE WITH (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

CERTIFICATE ▶ I, the undersigned, state that I am the Agent of the Colt Energy, 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 *Ernie Kishner* DATE 4-20-93

STATION Ottawa OPERATOR Fred Mader

P.O. Box 884

Ticket 88490

CONSOLIDATED OIL WELL SERVICES, INC.

Chanute, Kansas 66720
Phone (316) 431-9210

Date <u>3-4-93</u>	Customer's Acct. No. <u>1821</u>	Sec. <u>33</u>	Twp. <u>41N</u>	Range <u>33W</u>	Well No. & Farm <u>Boo # 1-33</u>	Place or Destination <u>Amsterdam</u>
Charge To <u>Cott Energy Inc.</u>				Owner		County <u>Bates</u>
Mailing Address <u>P.O. Box 388</u>				Contractor <u>Fuang Energy Dev.</u>		State <u>MO.</u>
City & State <u>Topeka, KS 66749</u>				Well Owner Operator Contractor		

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New	Bore Size <u>5 5/8</u>	Bottom	Circulating	Requested
Production	Used	Total Depth <u>500</u>	Top	Minimum	Necessity
Squeeze	Size		Head	Maximum	Measured
Pumping	Weight	Cable Tool	FLOAT EQUIPMENT	Sacks Cement <u>66</u>	
Other	Depth	Rotary		Type & Brand <u>Portland A. Poz Mix</u>	
	Type			Admixes <u>6% Prem Gel</u>	

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of				
Bbls Fracturing Fluid	Breakdown Pressure from	psi to	psi		
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM
Sand	Gals. Treating Acid	Type	Open Hole Diameter		
Well Treating Through: Tubing	Casing	Annulus	Size	Weight	
Remarks:					
No. Perforations	Pay Formation Name	Depth of Job			Ft.

INVOICE SECTION

CEMENTING		INVOICE SECTION		FRACTURING - ACIDIZING	
Pumping Charge	Office \$	Pumping Charge	Office \$		
Pumping Charge	Use \$	Pumping Charge	Use \$		
<u>66</u> Sacks Bulk Cement	@ <u>5.25</u>	12x30 Sand	@		
Ton Mileage on Bulk Cement	<u>60</u> @	10x20 Sand	@		
<u>45x</u> Premium Gel	@ <u>6.90</u>	x Sand	@		
Flo-Seal	@	Ton Mileage	@		
Calcium Chloride	@	Gals., Acid	@		
Plug	@	Chemicals	@		
	@	<u>Plug Hole</u>	@		
Equipment	@	<u>Bottom To Top</u>	@		
	@		@		
	@		@		
	@		@		
	@		@		
	@		@		
Granulated Salt	@	Potassium Chloride	@		
	@	Rock Salt	@		
Transport Truck (Hrs.)	@	Water Gel	@		
Vac Truck (Hrs.)	@		@		
<u>Rig Water</u>	@		@		
	Tax				
	<u>23.94</u>				
	Total \$				
	<u>801.04</u>				

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APR 22 1993
MO Oil & Gas Council

A Finance Charge computed at 1 1/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

135230



MIDWEST LOGGING & DRILLING SERVICES
 APR 22 1993

MOOIL & Gas Council

FILE NO.	COMPANY	DATE	WELL	FIELD	COUNTY	STATE
	D.C. EVANS ENERGY, INC.	NOV 1-93	NOV 1-93	REC'D LEASE	WATTS	MISSOURI
LOCATION	SEC	TWP	RGE	SECTION	DEPTH	LOG TYPE
140.0 INI - 330.0 FEI	13	4 N	3 SE	1	85.0	NA
OTHER SERVICES	LOG MEASURED FROM	PT ABOVE PERM DATUM	DRILLING MEASURED FROM	DATE	TIME	LOG TYPE
	0.1	NA	0.1	1-2-93	1:00	NA
	1.1	NA	1.1	1-2-93	1:00	NA
	2.1	NA	2.1	1-2-93	1:00	NA
	3.1	NA	3.1	1-2-93	1:00	NA
	4.1	NA	4.1	1-2-93	1:00	NA
	5.1	NA	5.1	1-2-93	1:00	NA
	6.1	NA	6.1	1-2-93	1:00	NA
	7.1	NA	7.1	1-2-93	1:00	NA
	8.1	NA	8.1	1-2-93	1:00	NA
	9.1	NA	9.1	1-2-93	1:00	NA
	10.1	NA	10.1	1-2-93	1:00	NA
	11.1	NA	11.1	1-2-93	1:00	NA
	12.1	NA	12.1	1-2-93	1:00	NA
	13.1	NA	13.1	1-2-93	1:00	NA
	14.1	NA	14.1	1-2-93	1:00	NA
	15.1	NA	15.1	1-2-93	1:00	NA
	16.1	NA	16.1	1-2-93	1:00	NA
	17.1	NA	17.1	1-2-93	1:00	NA
	18.1	NA	18.1	1-2-93	1:00	NA
	19.1	NA	19.1	1-2-93	1:00	NA
	20.1	NA	20.1	1-2-93	1:00	NA
	21.1	NA	21.1	1-2-93	1:00	NA
	22.1	NA	22.1	1-2-93	1:00	NA
	23.1	NA	23.1	1-2-93	1:00	NA
	24.1	NA	24.1	1-2-93	1:00	NA
	25.1	NA	25.1	1-2-93	1:00	NA
	26.1	NA	26.1	1-2-93	1:00	NA
	27.1	NA	27.1	1-2-93	1:00	NA
	28.1	NA	28.1	1-2-93	1:00	NA
	29.1	NA	29.1	1-2-93	1:00	NA
	30.1	NA	30.1	1-2-93	1:00	NA
	31.1	NA	31.1	1-2-93	1:00	NA
	32.1	NA	32.1	1-2-93	1:00	NA
	33.1	NA	33.1	1-2-93	1:00	NA
	34.1	NA	34.1	1-2-93	1:00	NA
	35.1	NA	35.1	1-2-93	1:00	NA
	36.1	NA	36.1	1-2-93	1:00	NA
	37.1	NA	37.1	1-2-93	1:00	NA
	38.1	NA	38.1	1-2-93	1:00	NA
	39.1	NA	39.1	1-2-93	1:00	NA
	40.1	NA	40.1	1-2-93	1:00	NA
	41.1	NA	41.1	1-2-93	1:00	NA
	42.1	NA	42.1	1-2-93	1:00	NA
	43.1	NA	43.1	1-2-93	1:00	NA
	44.1	NA	44.1	1-2-93	1:00	NA
	45.1	NA	45.1	1-2-93	1:00	NA
	46.1	NA	46.1	1-2-93	1:00	NA
	47.1	NA	47.1	1-2-93	1:00	NA
	48.1	NA	48.1	1-2-93	1:00	NA
	49.1	NA	49.1	1-2-93	1:00	NA
	50.1	NA	50.1	1-2-93	1:00	NA

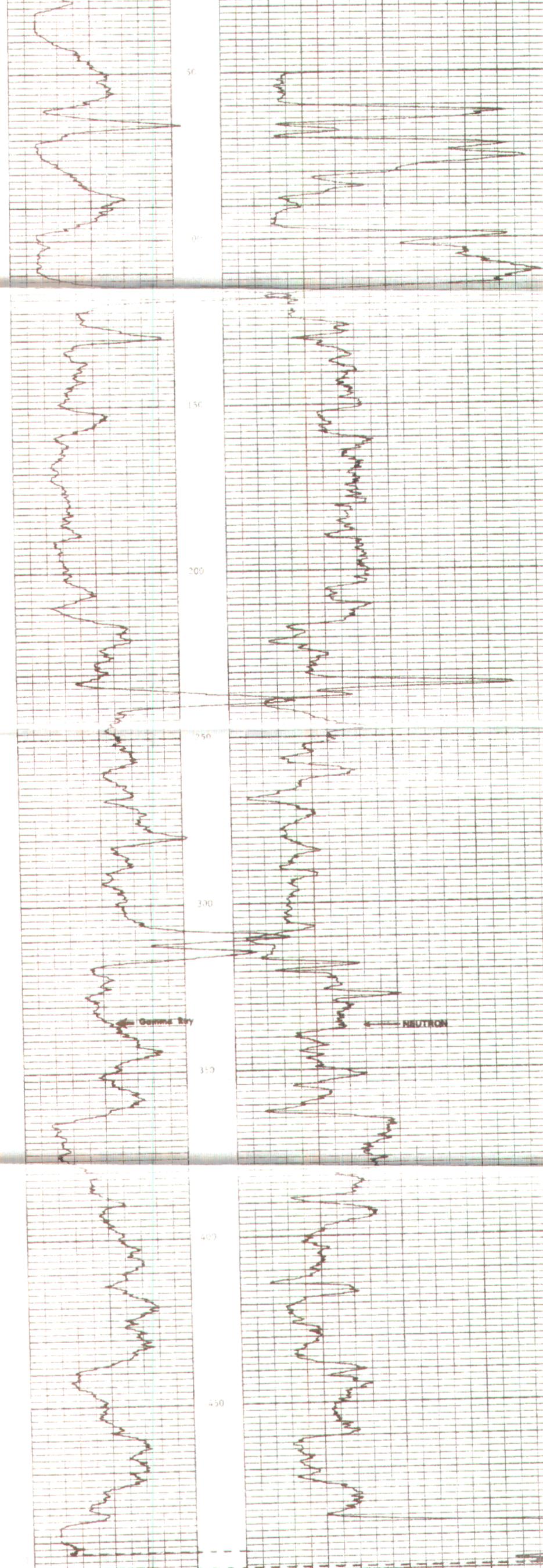
EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705-G	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705-G
DETECTOR MODEL NO.	705-GF	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705-He3
LENGTH	1 3/8 X 18	TYPE	He3
DISTANCE TO N. SOURCE	5.3	LENGTH	1" X 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-354B
		SPACING	13"
		TYPE	Am241Be
		STRENGTH	3 CI
GENERAL			
HOIST TRUCK NO.	NA		
INSTRUMENT TRUCK NO.	104		
TOOL SERIAL NO.	MS-0004		

LOGGING DATA											
RUN NO.	GENERAL		SPEED FT. MIN	T.C. SEC	GAMMA RAY			NEUTRON			
	FROM	TO			SENS SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0.0	499.0	20	4.0	1.85/100	OL	0	4.0	1.35/100	OL	20

REFERENCE LITERATURE: OPEN HOLE NOT CEMENTED

REMARKS: D.C. EVANS ENERGY & DEVELOPMENT INC.

GAMMA RAY DEPTH NEUTRON
 CASING COLLARS



COMPANY	D.C. EVANS ENERGY, INC.	GAMMA RAY	T.D.	500.0
LEASE	FOX	GAMMA RAY	R.D.	493.5
COUNTY	BARBERS, KANSAS	NEUTRON	T.D.	
DATE	MARCH 2, 1993	NEUTRON	R.D.	499.0
		CASING SET @		0H