### STATE OF KANSAS CORPORATION COMMISSION

### VELL PLUGGING RECORD

Mail or Deliver Rep Conservation Di- State Corporatio	vision n Commission			•	7		~
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!		Office Address.	671 0:4	tting B	uilding, N	<i>W</i> ichita,	Kansas
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	ion	ervised plugging of di					Well 3935 Feet
_		r, oil and gas formatio	ns.	20000		rour Bopur or	PBD 3733
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Name of Pluggin	g Contractor	1450 Mapl	e Russel	7 Kans	ig company	Wienita, Ka	<u> </u>
Address		<u> </u>	o, masson	110111			
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STATE OF	Kansas	, CO	UNTY OF	Sedgwi	ick ,	SS.	
	M. C. Har						of the above-described
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above-described	well as filed and the	at the same are true a	nd correct. So	help me God	Sane	00	. •
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SUBSCRIBE	AND SWORN TO bef	ore me this 0011	day of_		~ · · · · ·		<u>.                                    </u>
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My commission am	Septembe	r 20, 1956		10			Notary Public.

Form PO-214 Sheet 1 ( -5 )2 M

# MADDEN-DAVIS "A" NO. 4

SHEET 1

DISTRICT. Kansas  COUNTY OR PARISH GRAham  TWP 83  RANGE 25N SEC. 17  COMMENCED RIGGING UP 7-29-54  COMMENCED RIGGING UP 7-29-	22 420 417
COMMENCED RIGGING UP 7-29-54 COMMENCED DRILLING 7-29-54 COMPLETED DRILLING 8-26-54  DAY DRILLER NIGHT DRILLER CONTRACTOR FOWELL DEPTH  CABLE FROM TO ROTARY FROM O' TO 3935' COMPANY RIG NO.  TOTAL DEFTH 3935' MEASURED BY H. C. HATTELL ELEVATION DY -2  PRTD 3733' CASING RECORD GL - 2  BIZE WEIGHT PUT IN WELL PULLED OUT LOST IN WELL SHOES PACKES  BIZE WEIGHT FEET INS. FEET INS. LENGTH MAKE RIGO LENGTH  CO-3/4" 32.75# 517' (R-2, F-40 new casing)  TO 3929' (R-2, J-55 new casing)  O-3/4" casing set at 3034' with 100 sacks cement,  WAS CASING CEMENTED? IF SO, HOW MANY SACKS OF CEMENT USED?  LINER: STATE SIZE AND WEIGHT. WHERE SET FEATON FERFORATED.  HOW PUT TOGETHER COUPLING SUCKER RODS PUMPING OUTFIT REARRY.  EQUIPMENT RECORD  TUBING SUCKER RODS PUMPING OUTFIT	22 -20 -17 -8 
COMMENCED RIGGING UP 7-29-54 COMMENCED DRILLING 7-29-54 COMPLETED DRILLING 8-26-54  DAY DRILLER NIGHT DRILLER CONTRACTOR FOWell Drilli  CABLE FROM TO ROTARY FROM 0° TO 3935° COMPANY RIG NO.  TOTAL DEFYIN 3935° MEASURED BY M. C. HATTELL  PRTD 3733° CASING RECORD GL - 2  BIZE WEIGHT PUT IN WELL PULLED OUT LOST IN WELL SHOEB PACKES  BIZE WEIGHT FEET ING. FEET ING. LENGTH NAKE RIGO LENGTH  O-3/4" 32.75% 517° (R-2, F-40, new casing)  TO 3929° (R-2, J-55, new casing)  O-3/4" casing set at 3034° with 100 sacks cement,  If so, how many sacks of cement used Transported Tool Inc.  WAS CASING CEMENTED FEATURED.  FI. AND INS.  FT. AND I	22 20 17 8
NIGHT DRILLER CONTRACTOR FOWELD Drillit  CABLE FROM TO ROTARY FROM 0° TO 3935° COMPANY RIG NO.  TOTAL DEPTH 3935° MEASURED BY ROTARY FROM 0° TO 3935° COMPANY RIG NO.  TOTAL DEPTH 3933° CASING RECORD CL - 2  PRTD 3733° CASING RECORD CL - 2  BIZE WEIGHT PUT IN WELL PULLED OUT LOST IN WELL SHOES PACKET  FEET ING. FEET ING. LENGTH RAKE KIND LENGTH  CO-3/4" 32.75% 517° (R-2, H-40, new casing)  O-3/4" casing set at 514° with 230 sacks coment.  O-3/4" casing set at 514° with 100 sacks coment.  WAS CASING CEMENTEDT. IF SO, HOW MANY SACKS OF CEMENT USEDT.  LINER: STATE SIZE AND WEIGHT WHERE SET FLUSH-JOINT. INSERTED.  TUBING SUCKER RODS PUMPING OUTFIT	22 20 17 8
NIGHT DRILLER CONTRACTOR FOWELD Drillit  CABLE FROM TO ROTARY FROM 0° TO 3935° COMPANY RIG NO.  TOTAL DEPTH 3935° MEASURED BY ROTARY FROM 0° TO 3935° COMPANY RIG NO.  TOTAL DEPTH 3933° CASING RECORD CL - 2  PRTD 3733° CASING RECORD CL - 2  BIZE WEIGHT PUT IN WELL PULLED OUT LOST IN WELL SHOES PACKET  FEET ING. FEET ING. LENGTH RAKE KIND LENGTH  CO-3/4" 32.75% 517° (R-2, H-40, new casing)  O-3/4" casing set at 514° with 230 sacks coment.  O-3/4" casing set at 514° with 100 sacks coment.  WAS CASING CEMENTEDT. IF SO, HOW MANY SACKS OF CEMENT USEDT.  LINER: STATE SIZE AND WEIGHT WHERE SET FLUSH-JOINT. INSERTED.  TUBING SUCKER RODS PUMPING OUTFIT	22 20 17 8
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TOTAL DEPTH 3935 MEASURED BY M. C. HATTELL ELEVATION BP - 2  PBTD 3733 CASING RECORD GL - 2  BIZE WEIGHT PUT IN WELL PULLED OUT LOST IN WELL SHOES PACKET  FEET ING. FEET ING. FEET ING. LENGTH MAKE KIND LENGTH  O-3/4" 32.75 517 (R-2, F-40, new casing)  (R-2, F-40, new casing)  (R-2, J-55, new casing)  O-3/4" casing set at 514" with 230 sacks cement, 100 CC. Cement circulated as a casing set at 3934" with 100 sacks cement.  WAS CASING CEMENTED.  LINER: STATE SIZE AND WEIGHT WHERE SET FLAND INS. FT. AND INS. F	422 417 8 8 SET AT
TOTAL DEPTH 3935 MEASURED BY M. C. HATTELL ELEVATION BP - 2  PBTD 3733 CASING RECORD GL - 2  BIZE WEIGHT PUT IN WELL PULLED OUT LOST IN WELL SHOES PACKET  FEET ING. FEET ING. FEET ING. LENGTH MAKE KIND LENGTH  O-3/4" 32.75 517 (R-2, F-40, new casing)  (R-2, F-40, new casing)  (R-2, J-55, new casing)  O-3/4" casing set at 514" with 230 sacks cement, 100 CC. Cement circulated as a casing set at 3934" with 100 sacks cement.  WAS CASING CEMENTED.  LINER: STATE SIZE AND WEIGHT WHERE SET FLAND INS. FT. AND INS. F	422 417 8 8 SET AT
PUT IN WELL  PULLED OUT  LOST IN WELL  SHOES  PACKET  FEET  ING.	S SET AT
PACKET  SIZE  WEIGHT  PUT IN WELL  PRET INS. PRET INS. LENGTH  NAKE KIND LENGTH  O-3/4"  32.75 517'  (R-2, J-55, new casing)  (R-2, J-55, new casing)  O-3/4" casing set at 514' with 230 sacks centent, 100 CC. Cenent circulate casing set at 3934' with 100 sacks centent,  WAS CASING CEMENTED.  WHERE SET FT. AND INS. FT. AND INS. PERFORATED.  HOW PUT TOGETHER COUPLING SUCKER RODS  PACKET PACKET  IF SO, HOW MANY SACKS OF CEMENT USED.  FT. AND INS. FT. AND INS. PERFORATED.  FEMANKS:  EQUIPMENT RECORD  FUNDING SUCKER RODS  PUMPING OUTFIT	S SET AT
O-3/4" 32.75 517 (R-2, F-40, new casing)  O-3/4" casing set at 514" with 230 sacks centent, 100 CC. Centent circulate casing set at 3034" with 100 sacks centent.  Was casing cemented?  If so, how many sacks of cement used?  LINER: STATE SIZE AND WEIGHT  HOW PUT TOGETHER  COUPLING  FLUSH-JOINT  TUBING  EQUIPMENT RECORD  FUMPING OUTFIT	ed.
(R=2, J=55, new casing)  O=3/4" casing set at 514" with 230 sacks cenent, 100% (C. Cenent circulate casing set at 3)34" with 100 sacks cement.  WAS CASING CEMENTED? IF SO, HOW MANY SACKS OF CEMENT USED? FT. AND INS. HOW PUT TOGETHER COUPLING FLUSH-JOINT INSERTED  REMARKS:  EQUIPMENT RECORD  TUBING SUCKER RODS PUMPING OUTFIT	ed.
O-3/4" casing set at 514" with 230 sacks coment, 100% CC. Cement circulate casing set at 3934" with 100 sacks cement.  Was casing cemented?	ed.
0-3/4" casing set at 514' with 230 sacks coment, 100% CC. Cement circulat " casing set at 3/34' with 100 sacks cement.  WAS CASING CEMENTED?	ed.
WAS CASING CEMENTED? IF SO, HOW MANY SACKS OF CEMENT USED?  LINER: STATE SIZE AND WEIGHT WHERE SET FLANK PERFORATED.  HOW PUT TOGETHER COUPLING FLUSH-JOINT INSERTED  REMARKS:  EQUIPMENT RECORD  TUBING SUCKER RODS PUMPING OUTFIT	ed.
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WAS CASING CEMENTED? IF SO, HOW MANY SACKS OF CEMENT USED?  LINER: STATE SIZE AND WEIGHT WHERE SET FLANK PERFORATED.  HOW PUT TOGETHER COUPLING FLUSH-JOINT INSERTED  REMARKS:  EQUIPMENT RECORD  TUBING SUCKER RODS PUMPING OUTFIT	
WAS CASING CEMENTED?	
LINER: STATE SIZE AND WEIGHT WHERE SET FT. AND INS.  HOW PUT TOGETHER COUPLING FLUSH-JOINT INSERTED  EQUIPMENT RECORD  TUBING SUCKER RODS PUMPING OUTFIT	
SIZE WEIGHT FEET INS. FEET INS. SIZE AND RIND DESCRIPTION, KIND, SIZE,	
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FLOWING, PUMPING, GASSER OR DRY PRODUCTION FIRST 24 HOURS PRODUCTION SETTLED	***************************************
IF CAS WELL, OPEN FLOW CAPACITYSHUT IN PRESSUREROCK PRESSURE	
KIND OF SHOT.	155
NUMBER OF SHELLS SIZE OF SHELLS INCHES, DIAMETER	
LENGTH OF SHELLS FEET INCHES TOP OF SHOT	
BOTTOM OF SHOT WELL BRIDGED TO	
TOTAL DEPTH OF WELLNUMBER OF SHOTPRODUCTION BEFORE SHOTBBI	B. PER DAY
PRODUCTION AFTER SHOTBBLS. PER DAY. SHOT FURNISHED BY	
NAME OF SHOOTERSHOT INSPECTEDBY(COMPANY EMPLOYEE)	
COMMENCED DRILLING DEEPER COMPLETED DRILLING DEEPER	
TOTAL DEPTHPRODUCTION FIRST 24 HOURSPRODUCTION SETTLED	
Madden-Davis "A" #L Schmeid Pool	
PLUGGING TD 39351 - PBTD 37331	
Completed Drilling 8-26	
CO37	

TOTAL NUMBER OF SHEETS.

### 15-665-02254-05-00 Form PO-214 Sheet 2 (9-53) 50M

## LOG OF WELL SHEET NO. 2

District Kanuas	***	0	The	Perna Cor	npany Farr	n Maddon-l	Davis "A" Well No. 4
### DELINES:  ### B-14-54  ### Borilled cenent to 3006'. Perforated 3876-84' with 3 jets per foot. Bailed 2 gallone stater per hour with slight show of oil for 6 hours.  #### B-16-54  ### Acidised perforations 3876-84' with 2000 gallons 15% acid, broke formation from 850% to 650% pressure built up to 800% during kreament, no pressure drop in 1 minute, 100% pressure oil per hour with 6 gallons acid water for 9 hours.  #### B-17-54  ### B-18-54		as Own	T			DEPTH CORES	
8-16-54 Brilled cement to 3906'. Perforated 3876-84' with 3 jeto per foot. Bailed 2 gallons water per hour with 3 jeto of oil for 6 hours.  8-16-54 Brilled cement to 3906'. Perforated 3876-84' with 3 jeto of oil for 6 hours.  8-16-54 Brilled perforation 3876-84' with 2000 gallons 15% acid. broke formation from 850% to 650%, pressure built up to 800% during treatment, no pressure drop in 1 minute, 100% pressure drop in 1 minute, 100% pressure in 1 gallons oil per hour with 6 gallons acid water from perforations 3876-84' and 3900-05' with 16 jets, tested 18 gallons oil and 6 gallons acid water from perforations 3876-84' and 3900-05' with 16 jets, tested 18 gallons oil and 6 gallons acid water from perforations 3876-84' and 3900-05' with 150 pressure knop in 1 minute and 175% pressure in 15% acid, acximum pressure 1000%, and 2 barrels acid water per hour for 7 hours. Ran tubing with Baker RT-8 packer at 3863' and aquocoed perforations 3876-88, and 3900-05' with 100 sackn cement, acximum pressure 3200%, becknached 20 sacks. Fulled tubing and packer.  8-20-54 Stabbed load water and drilled cement to 3888', tested dry. Perforated 3875-78' with 10 jets.  8-21-54 Tosted an fluid from perforations 3875-78'. Ran tubing with Baker RT-8 packer at 3857' and acidined with 500 gallons mud acid, maximum pressure 1700%, minimum pressure 900%; pumped in 15 barrels oil at 500% fellowed with 200 gallons 301 x-500 and 8000% sand, maximum pressure 900%; pumped in 15 barrels oil at 500% fellowed with 200 gallons 301 x-500 and 80000% sand, maximum pressure 1700%, minimum pressure 900%; pumped in 15 barrels on wacuum, then pressure up to 850% with no break, it hour after 2 hours. Subbbed back load and tested 6.3 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrels acid water in 9 hours; swabbed 1/2 barrels acid water in 9 hours; swabbed 1/2 barrels acid back 100 gallons 15%, maximum acid x as acid x							
8-16-54 Drilled cement to 3006'. Perforated 3876-84' with 3 jets per foot. Bailed 2 gallons eater per hour with slight show of oil for 6 hours.  8-16-54 Acidized perforations 3876-84' with 2000 gallons 15% acid, broke formation from 850# to 650%, pressure built up to 850% oil per hour with 6 gallons acid water for prosure back load and tested 11 gallons oil per hour tith 6 gallons acid water from perforations 3876-84' and 3900-05' acid, meximum pressure load and tested 11 gallons oil per hour tith 50% part of perforations 3876-84' and 3900-05' acid, meximum pressure load and tested 1 barrel oil water per hour for 2 hours.  8-18-54 Swabbed 7 gallons oil and 3-1/2 barrels tested 1 barrel oil water per hour for 7 hours. Ram tubing with Baker RT-8 packer at 3863' and advanced perforations 3876-84' and 3900-05' with 100 sacks cement, mexicus pressure 3200%, beck-sacked 20 sacks. Fulled tubing and packer.  8-20-54 Swabbed load water and drilled cement to 3888', tested dry. Perforated 3875-78' and acidical with 500 gallons mad acid, maximum pressure 1700%, minimum pressure 900%; pumped in 15 barrels oil at 500%; followed with 2000 gallons Jol x-500 and 4000% sand, maximum pressure 2000%, minimum pressure 2000%, minimum 2000%, with 500% pressure drop in 5 minutes; flushed with 20 barrols oil at 1700%. Pulled tubing and packer.  8-23-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-24-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours. Swabbed back load and tested 6.3 barrols oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrels oil and 14.5 barre		oved in cablo	tool	and bai	led mud t	0 3854*,	tested dry.
broke formation from 850% to 500%; in 1 minute, 100% pronsure during treatment, no drop in 5 minutes. Stabbed back load and tested 11 gallons oil per hour tith 6 gallons acid water from perforations 3876-84% and 3900-05. Acidisol with 3000 gallons 15% acid, maximum pressure 1000%, no break, with 50% pressure and 2000-05. Acidisol with 3000 gallons 15% acid, maximum pressure 1000%, no break, with 50% pressure of perforations 3876-84% and 3900-05. Swabbed 7 gallons oil and 3-1/2 barrels water per hour for 2 hours. Ran tubing with Baker RT-8 packer at 3863' and equesed perforations 3876-84, and 3900-05' with 100 sacks cement, maximum pressure 3200%, backgashed 20 sacks. Pulled tubing and packer.  8-20-54 Swabbed load water and drilled coment to 3888', tested dry. Perforated 3875-78' with 10 jeto.  8-21-54 Tested no fluid from perforations 3875-78'. Ran tubing with Baker RT-8 packer at 3857' and acidized with 500 gallons mud acid, maximum pressure 1700%, minimum pressure 900%; mum acid, maximum pressure 1700%, minimum pressure 200%, minimum 2000%, with 500% pressure drop in 5 minutes; flushed with 2000 gallons oil at 1700%. Pulled tubing and packer.  8-22-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-23-55 Acidised perforations 3875-78' with 2000 gallons 15% acid, took 22 barrels on vacuum, thon pressured up to 850% with no barrols oil at 1700%. Pulled tubing and packer.  8-24-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-24-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 9 hours; swabbed 1/2 barrels oil and 14,4 bearrels acid water in 9 hours; swabbed 1/2 barrels oil and 1600 gallons 15% parrols oil and 1600 gallons	6-15-54 D	rilled cement er foot. Bat of oil for 6 l	to 30 led 2 nours.	006'. Pe gallons	rforated water per	3876-84° hour wit	with 3 jets h slight show
no break, with 500 breasure arop in 1 minuto and 175% pressure and 2 barrels acid water por hour for 2 hours.  8-18-54 Swabbed 7 gallons oil and 3-1/2 barrels water per hour for 7 hours. Ran tubing with Bakor RT-8 packer at 3863' and 3 queezed perforations 3876-84' and 3900-05' with 100 sacks cement, maximum pressure 3200%, backwashed 20 sacks. Pulled tubing and packer.  8-20-54 Swabbed load water and drilled cement to 3888', tested dry. Perforated 3875-78' with 10 jets.  8-21-55 Tosted no fluid from perforations 3875-78'. Ran tubing with Baker RT-8 packer at 3857' and acidized with 500 gallons mud acid, maximum pressure 1700%, minimum pressure 900%; mud acid, maximum pressure 1700%, minimum pressure 900%; sand, maximum pressure 2200%, minimum 2000%, with 500% pressure drop in 5 minutes; flushed with 20 barrels oil at 1700%. Pulled tubing and packer.  8-22-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-23-55 Acidized perforations 3875-78' with 2000 gallons 15% acid, took 22 barrels on wacuum, then pressured up to 850% with no break, hour pressure drop 250%. Blod off 5 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrel oil and .68 barrels water lebt hour.  8-24-54 Set bridge plug at 3825' and plugged back to 3621' with 1 sack calscal. Perforated 3788-90' and 3796-3800' with 20 jots. Stabbed and casted .8 gallons mater por hour with slight show oil. Acidized with 500 gallons 15%, maximum stabbed along oil and tested 1/4 sected 1/4 secte	t d d	oroke formation during treatmoirop in 5 min oil per hour	on from tos. tth 6	n 850# to pressur Swabbed gallons	e drop in back load acid wate	1 minute and test r for 9 h	, 100% pressure ed 11 gallons ours.
squeezes performed as 3200%, backwashed 20 sacks. Pulled tubing and packer.  8-20-51 Symbbed load water and drilled coment to 3888, tested dry. Perforated 3875-78, with 10 jets.  8-21-54 Tested no fluid from perforations 3875-78. Ran tubing with Baker RF-8 packer at 3857, and acidized with 500 gallons mud acid, maximum pressure 1700%, minimum pressure 900%; pumped in 15 barrels oil at 900%; followed with 2000 gallons 101 x-500 and 4000% sand, maximum pressure 2200%, minimum 2000%, with 500% pressure drop in 5 minutes; flushed with 20 barrels oil at 1700%. Pulled tubing and packer.  8-22-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-23-54 Acidized perforations 3875-78 with 2000 gallons 15% acid, took 22 barrels on vacuum, then pressured up to 850% with no break, hour pressure drop 250%. Bled off 5 barrels acid, took 22 barrels acid water in 9 hours; swabbed 1/2 barrel oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrel oil and .68 barrels water lest hour.  8-24-54 See bridge plug at 3825 and plugged back to 3021 with 1 sack calseal. Perforated 3788-90 and 3796-3800 with 20 jets. Swabbed and tested .8 gallons mater per hour with show oil. Acidized with 500 gallons 15% maximum	1 0	Acidized with no break, wit drop in 5 min and 2 barrels	h 50,, ucco. acid	pressure   Swabbod  water poi	drop in l back load hour for	minute and test	nd 175% pressure ed 1 barrel oil
Tosted no fluid from perforations 3875-78°. Ran tubing with Baker RF-8 packer at 3857° and acidized with 500 gallons mud acid, maximum pressure 1700%, minimum pressure 900%; pumped in 15 barrels oil at 900%; followed with 2000 gallons Jol X-500 and 4000% sand, maximum pressure 2200%, minimum 2000%; with 500% pressure drop in 5 minutes; flushed with 20 barrels oil at 1700%. Pulled tubing and packer.  8-22-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-23-54 Acidized perforations 3875-78° with 2000 gallons 15% acid, barrels on vacuum, then pressured up to 850% with no pressured up to 850% with no after 2 hours. Swabbed back load and tested 6.3 barrels oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrel soil and .68 barrels water lest hour.  8-24-54 Set bridge plug at 3825° and plugged back to 3021° with 1 sack calsoal. Perforated 3788-90° and 3796-3800° with 20 jots. Swabbed and tested .8 gallons water per hour with show oil. Acidized with 500 gallons 15%, maximum	8-18-54	Swabbed 7 gal 7 hours. Ran squeezed perf cement, maxis tubing and po	lons o tubin oratio un pre	il and 3- g with Ba ns 3876-1 ssure 320	-1/2 barro akor RT-8 34' and 39 00%, backt	ls water packer at 000-051 washed 20	per hour for 3863' and th 100 sacks sacks. Pulled
mud acid, maximum pressure 1/00%, followed with 2000 gallons Jol X-500 and 4000% sand, maximum pressure 2200%, minimum 2000%, with 500% pressure drop in 5 minutes; flushed with 20 barrols oil at 1700%. Pulled tubing and packer.  8-22-54 Swabbed load oil and tested 1/2 barrel load oil per hour for 7 hours.  8-23-55 Acidized perforations 3875-78% with 2000 gallons 15% acid, took 22 barrels on vacuum, then pressured up to 850% with no brook, hour pressure drop 250%. Bled off 5 barrols oil and 14.4 barrels acid water in 9 hours; swabbed 1/2 barrel oil and .66 barrels water lest hour.  8-24-54 Set bridge plug at 3825% and plugged back to 3621% with 1 sack calseal. Perforated 3788-90% and 3796-3500% with 20 hour with show oil. Acidized with 500 gallons 15%, maximum show oil. Acidized with 500 gallons 15%, maximum tested 1/4	- ,	Perforated 38	575-78°	men to	Jevu.		•
Acidized perforations 3875-78° with 2000 gallons 15% acid, took 22 barrels on vacuum, then pressured up to 850% with no broak, a hour pressure drop 250%. Bled off 5 barrels after 2 hours. Swabbed back load and tested 6.3 barrels oil and .68 barrels acid water in 9 hours; swabbed 1/2 barrel oil and .68 barrels water last hour.  8-24-54  Set bridge plug at 3825' and plugged back to 3621' with 1 sack calseal. Perforated 3788-90' and 3796-3800' with 20 jots. Swabbed and tested .8 gallons water per hour with slight show oil. Acidized with 500 gallons 15%, maximum slight show oil. Acidized with 500 gallons 15%, maximum		mud acid, mar pumped in 15 Jol X-500 and 2000, with barrols oil	timum [ barre] 1 4000; 500; pr at 1700	s oil at sand, m ressuro d	900; fo aximum pr rop in 5 cd tubing	llowed wi essure 22 minutes; and pack	th 2000 gailons 00%, minimum flushed with 20 cr.
broak, hour presoure drop 250%. Bled off 5 barrols after 2 hours. Swabbed back load and tested 6.3 barrols oil and .68 barrols water last hour.  Sot bridge plug at 3825' and plugged back to 3821' with 1 sack calseal. Perforated 3788-90' and 3796-3800' with 20 sack calseal. Perforated .8 gallons water per hour with jots. Swabbed and tested .8 gallons water per hour with show oil. Acidized with 500 gallons 15%, maximum slight show oil. Acidized with 500 gallons 15%, maximum	6-22-54	7 hours.			1		
sack calsoal. Periorated 1/60230 and atter por hour with jots. Swabbed and tested .8 gallons water por hour with slight show oil. Acidized with 500 gallons 15%, maximum slight show oil. Acidized with 500 gallons 15%, maximum strabbed lock oil and tested 1/4	8 <b>–23−5</b> ₺	broak, i hour ofter 2 hour oil and oil and of	els on ir pros s. Sw barre barrel	vacuum, essure dr abbed bac ls acid t s water l	op 250, k load ar mter in 9	Bled off d tested hours; s	5 barrols 6.3 barrols wabbed 1/2 barrel
<b>■</b>	8 <b>-24-5</b> 4	jots. Stabb slight show	ed and	tested Acidized	8 gallons	gallons	or hour with  5%, maximum  10 tested 1/4

### 15-065-02254-00 00 Form PO-214 Sheet 2 (9-53) 50M

#### LOG OF WELL

SHEET NO. 3

District Kansas	Owner The	Texas Co	mpany Fari	m Madden-	Davis "A" Well No. 4		
FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS		
REMARKS: (Continue	d)		·				
6 hours plug at Perfora	from perfor 3765' and p ted 3746-50' rels salt wa	ations 37 lugged ba with 13	88-90' an ck to 376 jets. Sw	d 3796-38 0' with l abbed loa	per hour for 00'. Set bridge sack calseal. d, then swabbed ow dead oil		
with 1 Swabbed show oi	er CI bridge sack calseal load, then l for 6 hour n-commercial	Perfor wabbed 3	ated 3710 .6 barrel	-18' with s water p	back to 3733* 25 jets. er hour, no		
CASING RECORD:				:	TOPS:		
Neasurement from BH-KB 5.51, BH-GL 1	•				Heebner3675 Toronto3696 Lansing3707		
Top of cement 3367					Basic Kansas City-3931		
Centralizers:		,					
3665', 3730', 3810' 3880', 3930'			-				
,							
		,					
					•		
:							

-065-02254-00-00 THE TEXAS COMPANY Tulsa Oklahoma

#### DRILLERS WELL LOG

Madden-Davis "A" No. 4

Commenced R. D. 7/29/54 Completed R. D. 8/9/54 Total Depth: 3934

NE NE NE Section 17-8S-25W

Graham County, Kansas Elevation: 2420 D.F. Initial Production:

Contractor: Powell Drilling Co.

Casing Record:

514' 10-3/4" 32.75# 8 rd. thd. surface casing 3934' 7" 0.D. 20# J-55 8 rd. thd. casing

STRATA		DEPTH
Surface Shale Sand Shale Shale & Shells Shale Sand & Shells Shale Sand & Shells Shale Sand & Shells Shale & Sand Streaks Shale & Sand Streaks Shale & Shells Shale & Shells Ahhydrite & Lime Shale Lime & Shale Shale Shale & Shells Lime & Shale Shale	20 25 265 855 1010 1250 1335 1500 1685 1880 2065 2114 2150 2175 2375 2710 2745 2820	- 20° - 265 - 855 - 1010 - 1250 - 1335 - 1500 - 1685 - 1880 - 2065 - 2114 - 2175 - 2375 - 2745 - 2885 - 2955
Shale & Shells Lime & Shale Lime Shale & Lime Shells Lime & Shale	3060 3175 3240 3325	- 3060 - 3175 - 3240 - 3325 - 3735
Lime	3735	- 3934

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

POWELL DRILLING COMPANY

Signed and sworn to in my presence this 11th day of August, 1954 by C. M. Powell, Jr., partner in the Powell Drilling Company.

Public

My Commission expires

February 5, 1958