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Santa To, New Mexico Santa To, New Mexico WELL RECORD  ABEA 400 ACRESS LOCATE WELL CORRESCIT:  A. A. Cameron (Company of Operator) Mail to District Office, Oil Conservation Commission, to which Form C-101 was sen ater than twenty days after completion of well. Follow instructions in Rules and Regul ABEA 400 ACRESS LOCATE WELL CORRESCIT:  A. A. Cameron (Company of Operator)  A. A. Cameron (Company of Commission, Subinit in QUINTUPLICATE.  A. A. Cameron (Company of Operator)  A. A. Cameron
WELL RECORD         WELL RECORD         Mail to District Office, Oil Conservation Commission, to which Form C-101 was sen later than twenty days after completion of well. Follow instructions in Rules and Regule of the Commission. Submit in QUINTUPLICATE.         AREA 600 ACRESS LOCATE WELL CORRECTLY         Ethel A. Kel say (Company or Operator)         A. A. Cameron (Company or Operator)         Kithel A. Kel say (Company or Operator)         View of SW         // of SW
WELL RECORD         WELL RECORD         Mail to District Office, Oil Conservation Commission, to which Form C-101 was sen later than twenty days after completion of well. Follow instructions in Rules and Regule of the Commission. Submit in QUINTUPLICATE.         AREA 400 ACRESS LOCATE WELL CORRECTLY         Changeron         Changeron         Changeron         (Compare) or Operators)         Vell No. 1.         Mail to District Office, Oil Conservation Commission, to which Form C-101 was sen dater than twenty days after completion of well. Follow instructions in Rules and Regule of the Commission. Submit in QUINTUPLICATE.         Area 400 ACRESS LOCATE WELL CORRECTLY         Mail to District Office, Oil Conservation Commission, State Locate No. 10.         Mail to District Mail to District Office, Oil Conservation Commission         Velocation Company, Inc.         Conservation Company, Inc.         OIL SANDS OR ZONES         Internet Statistics Office, Caller - 4288. D.F.         IN Section State Locate C
WELL RECORD         ABEA 660 ACRESS LOCATE WELL CORFESS LOCATE LOCATE
AREA 440 ACRES         LOCATE WELL CORRECTLY         AREA 440 ACRES         LOCATE WELL CORRECTLY         AREA 440 ACRES         LOCATE WELL CORRECTLY         A. A. Cameron         Company or Operator)         Clease         Villdcat         Pool,         Locate         Villdcat         Pool,         Section         28         If State Land the Oil and Gas Leave No. is         Commenced         November: 17,, 1956         Drilling Contractor.         Villdcat:         Tulsa, Oklabona         Idea of Drilling Contractor.         Villag, Oklabona         levation above sea level at Top of Tubing Head. 4276 G.L 4288-D.F.         OIL SANDS OB ZONES         60. 1, from       8276'.         coling Sandor       No. 4, from         coling Sandor       100.         med data on rate of water inflow and elevation to which water rate in hole.       Drilled with rotary.         io. 1, from       100.         io. 2, from       100.         io. 3, from       100.         io. 4, from       100.         io. 2, from       10.
AREA 600 ACRES         LOCATE WELL CORRECTLY         A. A. Gamaron         Company or Operator)         Ell No.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Constant of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in QUINTUPLICATE.         Image: A contract of the Commission. Submit in Contract of the Commission. Submit in Company. Inc.         Image: A contract of the Commission. Submit in Company. Inc.         Image: A contract of the Commission. Submit in Commits of the commission. Submit in Commits of the commiss
AREA 600 ACRES         LOCATE WELL CORRECTLY         A. A. Gameron         Company or Operator)         Yell No.         A. A. Gameron         Company or Operator)         Itel No.
AREA 640 ACRES         LOCATE WILL CORNECTLY         A. A. Gameron         (Company or Operator)         Kthel A., Kelsay         (Company or Operator)         (Lease)         (Company or Operator)         (Lease)         (Company or Operator)         (Company or Operator)         (Lease)         (Company or Operator)         (Company or Operator)         (Lease)         (Company or Operator)         (Lease)         (Company or Operator)         (Company or Operator)         (Lease)         (Company or Operator)         (Company or Operator)         (Lease)         (Company or Operator)         (Lease)         (Company or Operator)         (Company or Operator)         (I and Gas Lease No. is.         (Section
LOCATE WELL CORRECTLY          A. Cameron       Ethel A. Kelsay         (Company or Operator)       (Company or Operator)         /ell No.       1       , in SW       ¼ of SN       ¼, of Sec.       28       , T.       11. S.       , R.       33. E.       , NI         /ell is       660'       feet from       South       line and       660'       feet from       West       Company or Operator)         /ell is       660'       feet from       South       line and       660'       feet from       West       Company and the oil and Gas Lease No. is       Feetrary       17,, 1956       Drilling was Completed       February       17,, 19.         ame of Drilling Contractor       Warren-Bradshaw Exploration Company, Inc.       Gatess
tell No.       1       in SH /4 of SH /4, of Sec. 28       T.       11. S.       R.       33. K.       NH         Wildcat       Pool,       Lea       Commenced       Commenced       Commenced       Commenced       Nest       Commenced       Nest       Commenced       Nest       Pabruary 17,       19.56       Fabruary 17,       19.56       Fabruary 17,       19.56       Fabruary 17,       19.56       Fabruary 17,       19.56       19.56       19.56       19.56       19.56       10.56<
tell No.       1       in SW 1/4 of SW 1/4, of Sec. 28       T.       11. S.       R.       33. K.       NH         Wildcat       Pool,       Lea       Co         'ell is       660'       feet from South       line and 660'       feet from West       Co         'section       28       If State Land the Oil and Gas Lease No. is.       February 17,       , 19.         ame of Drilling Contractor       Warren-Bradshaw Exploration Company. Inc.       February 17,       , 19.         ddress.       Tul sa, Oklahoma       Tulsa, Oklahoma       February 17,       , 19.         levation above sea level at Top of Tubing Head. 4276 G.L 4288. D.F.       The information given is to be kept confidential       , 19.         011 SANDS OR ZONES       0. 1, from       8276'.       to. 8298'.       No. 4, from       9960'.       5980'.         o. 2, from       9133'.       to.       9180'.       No. 5, from       to.       10.         io. 3, from       0296'.
Wildcat       Pool,       Lea       Comparison         'ell is
rell is
Section       28       If State Land the Oil and Gas Lease No. is         rilling Commenced       November 17.,, 1956 Drilling was Completed
rilling Commenced
iame of Drilling Contractor
Iddress.       Tul sa, Oklahoma         ilevation above sea level at Top of Tubing Head. 4276. G.L
levation above sea level at Top of Tubing Head. 4276. G.L
levation above sea level at Top of Tubing Head. 4276. G.L
III. SANDS OR ZONES         OIL SANDS OR ZONES         io. 1, from       8276!       to       8298!       No. 4, from       9960!       to       9980!         io. 2, from       9133!       to       9180!       No. 5, from       to       9980!         io. 3, from       9296!       to       9310!       No. 6, from       to       10         IMPORTANT WATEE SANDS         Include data on rate of water inflow and elevation to which water rose in hole.       Drilled with rotary,         io. 1, from       to       feet.       feet.         io. 2, from       to       feet.       feet.         io. 3, from       to       feet.       feet.         io. 4, from
No. 1, from
No. 1, from
Io. 2, from
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IMPORTANT WATER SANDS         nclude data on rate of water inflow and elevation to which water rose in hole.       Drilled with rotary,         No. 1, from
nclude data on rate of water inflow and elevation to which water rose in hole. Drilled with rotary, Io. 1, from
nclude data on rate of water inflow and elevation to which water rose in hole. Drilled with rotary, Io. 1, from
Io. 1, from       feet.         Io. 2, from       feet.         Io. 3, from       feet.         Io. 4, from       feet.
Io. 2, from
No. 3, fromfeet
No. 4, fromfeet.
CASING RECORD
WEIGHT NEW OR KIND OF CUT AND PERFORATIONS PURPOSE
SIZE PERFOUT USED AMOUNT SHOLL FULLE FROM
3 3/8" 48 New 375 Tex. Pattern Cement Circulated
9 5/8" 36 = 32.3 New 3820 Baker Cement Circulated
MUDDING AND CEMENTING RECOBD
SIZE OF     SIZE OF     WHERE     NO. SACKS     METHOD     MUD     AMOUNT OF       HOLE     CASING     SET     OF CEMENT     USED     GRAVITY     MUD USED
173 13 3/8 375 375 Plug Method
12% 9 5/8 3820 2200 Plug Method
- 142 3 3/8 3040 - 4400 - FLUS RELING

**RECORD OF PRODUCTION AND STIMULATION** 

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

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Result of Production Stimulation

and the second of the

## D OF DRILL-STEM AND SPECIAL TTTS

					TOOL	SUSED				
Rotary tools were used fromQ.			<u>0</u>	feet to					feet to	fee
Cable tools were used fromfe				feet t	0	feet, aı	nd from		feet to	fee
					PRODU	OCTION				
Put to P	roducing				, 19		•			
OIL WE	LL: The	productio	on during the first	24 ho	urs was		bar	rels of li	quid of which	(/
									% was s	
								, and		ediment. A.P.
GAS WE							MOD 1		barrels	
0.15 111		_					M.C.F. pl	us		barrels
			arbon. Shut in Pre							
Length c	of Time Sh	ut in								
PLE	ASE IND	ICATE B	ELOW FORMAT	NOI	TOPS (IN CON	FORMANC	CE WITH	I GEOGI	RAPHICAL SECTION	OF STATE):
	tler		Southeastern N						Northwestern New	Mexico
			51		Devonian	11,320!	••••	т.	Ojo Alamo	
									Kirtland-Fruitland	
									Farmington	•••••••••••••••••••••••••••••••••••••••
Г. Yates2-,420! Г. 7 Rivers				-					Pictured Cliffs	
				Т.	McKee			Т.	Menefee	
-					Ellenburger				Point Lookout	
									Mancos	
		-	5!	Т.					Dakota	
T. Gloricta <b>LmZone4,470!</b> T. Drinkard									Morrison	
Γ. Drinkard Γ. Tubbs				1,				Penn		
		-	01			•			••••••	
	<ul> <li>Penn</li></ul>						••••			
<b>M</b> 188.	••••••	10,62		Т.				Т.		
					FORMATIO	N RECO	RD		•	
From	То	Thickness in Feet	For	rmatic	a	From	То	Thicknes in Feet		n
0	370	370	Surface Be	ds -	- Caliche	11.320	11,36	5 45	Lime	
370	1,740	1370	Red Beds							
740	2,420		Anydrite,							
420	3,705		Sand, Shal	e, §	Salt, Sand					
705 //80	4,480		Dolomite							
480 5,350 870 Lime 350 5,900 550 Lime &		Lime & Sha	1							
		Lime, Anhy		e. Shale						
800 7,280 480 Lime				,	•					
280	8,020	740	Shale							
020	8,520		Dolomite						, ·	
	110 000	1020	7 4			11 1		1	1	
	10,380	1	Line	-						
520 380 620	10,380	240	Shale, Lim Lime	e &	Sand					

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator. A. A. Cameron	Address.230GentralBuilding,Midland,Texas
Name Annie Hilleurn	Position or TitleEngineer

A. A. CAMERON - NO. 1 KELSAY Drillstem Tests

(1) Zone Tested - 8234-8314' (12/29/56) Tool Open - 1 hour Weak blow air for 50 minutes and died. Recovered 30' slightly gas cut mud. IFP: 91 psi FFP: 91 psi 30 min. SIP: 0 Hydrostatic: 4464 psi

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- (2) Zone Testad 9960-10.051' (1/21/57) Tool Open - 3 hours Strong blow immediately, GTS in 10 minutes. Reversed out 1540' clean oil & 1040' wtr. blanket. Recovered 93' HGCM, 93' HGC&GC muddy water - not salty, 93' sl GC water with trace of oil - slightly salty. Chloride content 29,000 PPM. IFF: 760 psi FFF: 2210 psi 30 min. SIF: 3360 psi Hydrostatic: 5498 psi
- (3) Zone Tested 10.051-10.100' (1/23/57) Tool Open - 3 hours Strong blow, gas in 13 minutes, decreasing in volume throughout test. Reversed out heavy oil & gas cut mud - no free oil. Recovered 156' HOBOCM, 30' HOGGC salt water. IFP: 180 psi FFP: 400 psi 30 min. SIP: 2498 psi Hydrostatic: 5580 psi
- (4) Zone Tested 11,326-11,365' (2/17/57) Tool Open - 3 hours Slight blow gradually increasing. Recovered 1200' wtr. blanket & 1170' salty sulphur water. IFP: 580 psi FFF: 1100 psi 30 min. SIP: 4300 psi

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<u>Cameron Oil Company</u>

CENTRAL BUILDING

MIDLAND, TEXAS February 21, 1957

Oil Conservation Commission P. O. Box 2045 Hobbs, New Mexico

Gentlemen:

Enclosed herewith is Form C-105, being the Well Record of the A. A. Cameron - No. 1 Ethel A. Kelsay.

This well is now being operated by Amerada Petroleum Corporation, since we did not choose to run pipe for production tests of the Pennsylvanian section. Amerada became operator immediately after the completion of a drillstem test in the Devonian, which was completed on February 17, 1957.

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Yours very truly,

CAMERON OIL COMPANY

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Sam E. Hilburn Geological Department

SEH/bss Enclosure