06/12/86

MY COMMISSION EXPIRES:

(NOTARY PUBLIC)

Sherry L. Kendall

^{**} The person who can be reached by phone regarding any questions concerning this information.

LINER RECORD Bottom, ft. Sacks cement Shots par ft. Sisce & type 3862-64	Show all important	ELL INFORM zones of porosity val tested, cushion	and contents th	ereof; cored in	.U: tervals, and all	drill-stem tes	ls, in-	SHOW GEOLOGI OR OTHER DES	CAL MARKERS CRIPTIVE IN	, LOGS RUN, FORMATION.	
0 - 295 Surface 295 - 470 Shale and shells 470 - 1275 Sad and shell 1275 - 3635 Shale 3635 - 4075 Lime 4075 RTD DST #1 3796-3856 (TORO & TOP Zn) 18t op-Sh/6"; 2nd op-Sh/8"; Rec. 15' thin drig Mud. NNALDT TEST. F1795-2628, FFP 16338, FSTF 1011# DST #3 3851-3886 (35' 550' Zn) 30-60-45-75, 18t op-Sh/6"; 2nd op-Sh/8"; To your life op-Sh/8"; To y						Y		NAME DEPTH			
0 - 295 Surface 295 - 470 Shale and shells 470 - 1275 Sand and shell 1275 - 3635 Shale 3635 - 4075 Lime 4075 RTD BRTD DST #1 3796-3856 (TORO & TOP 2n) 1st op-S8/6*; 2nd op-S8/8*, Rec. 91, 25 C-4408, S127 LANS 3832 (-1002) BKC 4053 (-1223) LTD 4072 (-1223) LTD 4072 (-1223) LTD 4072 (-1224) DST #2 3855-3886 (35° 650° 2n) ME-RUN DST #3 3851-3886 (35° 650° 2n) 30-60-45-75, 1st op-6° blow/dided in 6°; 2nd op-few bubblas occasionally, Rec. 187 VSGGCM, 30° VSGGSMM, 547' TF, TFP 273-2839, FFP 86* DST #4 3964-4036 (180° 4200° 2n) 30-60-45-75, WEB1/died in 1°; Rec. 40° Mud, IFF 48-56*, FFP DST #5 (STRADDLE) 3841-3887 (TOP, 35° 650° ns) 30-60-45-75, 1st op-NoB1-blow line malfunction; 2nd op-1° blow blidg to 4°, Rec. 330° (GAVROCM) IFF 58-133*, FFF 142-175*, ISTP 1017*, FSTP 742* additional space is needed use Page 2, Side 2 LINER RECORD PERFORATION RECORD TUBING RECORD VUBING RECORD 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Check i	f no Drill	Stem Tes	ts Run.							
Ist op=88/6" 2nd op= 88/8", Rec. 155' thin drig Mud, INVALID TEST, IFP25-262#, FFF 1633#, FSIP 1011# DST #3 385-3886 (35'&50' Zn) MIS-RUN DST #3 385-3886 (35'&50' Zn) 30-60-45-75, Ist op-6" blow/died in 6"; Znd op-few bubbles occasionally, Rec. 187' VSGGSGKGM, 367' TF, IFP 273-283#, FFP 283-344 TSIP 1 38#, PSIP 1188# DST #4 3964-4036 (180'&200' Zn) 30-60-45-5, MRBI/died in 1", Rec. 40' Mud, IFP 48-56#, IFP 64-64#, ISIP 96#, ISIP		295 - 47 470 - 127 1275 - 363 3635 - 407	O Shale 5 Sand a 5 Shale 5 Lime	and shel	1s			ANHY 2 B/ANHY TOP 36 QUEEN HEEB 3 TORO 3 LANS 3 BKC 40	2581 (- 2613 (- 22 (-) HILL 37: 786 (-9 817 (-9 832 (-)	+217) 792) 15 (-885) 956) 987) 1002) 1223)	
### Production Size hole drilled Size casing set Weight Ibs/ft. Setting depth Type cament Sacks Type and percent additives:	1st op- Mud, IN 1633#, DST #2 DST #3 1st op- occasio 547' TF FSIP 11 .DST #4 WkB1/di 64-64#, DST #5 30-60-4 2nd op- IFP 58- additional	SB/6"; 2nd VALID TEST FSIP 1011# 3855-3886 3851-3886 6" blow/di nally, Rec, IFP 273- 38# 3964-4036 ed in 1", ISIP 96#, (STRADDLE) 5-75, 1st 1" blow b1 133#, FFP	op- SB/ (35'&50 (35'&50 ed in 6" . 187' V 283#, FF (180'&2 Rec. 40' FSIP 96 3841-38 op-NoB1- dg to 4" 142-175#	8", Rec. 262#, FF. ' Zn) M ' Zn) 3; 2nd op SG&OCM, P 283-34 00' Zn) Mud, IF. # 87 (TOP blow line, Rec. 3; ISIP 10	15' th: P 262-440 IS-RUN 0-60-45-7 - Lew bubl 360' VSGC 4', ISIP 30-60-45 P 48-56#, 35'&50' e malfunc 31)' G&VHC 017#, FSI	in drlg O#, ISIE 75, 168 OSVCM, 1138#, 5-15, FFP 2ns) tion; OCN, 742#					
RFACE 12½" 8 5/8" 24# 288 60/40 poz 255 sx 2% gel 3% cc		7						or XXXXX		and the same of th	
DDUCTION 7 7/8" 4½" 10.5# 4074' 50/50 poz 125 sx 18% salt, 3/4 of CFR-2		 						Sacks	additi	ves	
DOUCTION 7 7/8" 432" 10.5# 4074 50/50 poz 125 sx 10.5 st 574 of CFR-2	UKFACE	124"	8 5/8"	24#	. 288'		poz		9		
LINER RECORD Bottom, ft. None Socks cement Shots per ft. 2 3 5/8" jets 3862-64" TUBING RECORD 2 3 5/8" jets 3835-38" 2 3/8" Setting depth 3856 Pocker, set et set	RODUCTION	7 7/8"	412"	10.5#	4074'		poz	125 sx		t, 3/4 of	
Bottom, ft. None Sacks cement Shots per ft. 2 3 5/8" jets 3862-64' TUBING RECORD 2 3 5/8" jets 3835-38' ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Amount and kind of material used Depth Interval treated 250 gallons NE-28% 3862-64' 250 gallons NE-28% 3835-38' Gravity 37° API pumping pum									01112		
None 2 3 5/8" jets 3862-64		LINER RECOR	RD				PERFORA	TION RECORI)	The second secon	
TUBING RECORD 2 3 5/8" jets 3835-38' ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Amount and kind of material used Depth interval treated 250 gallons NE-28% 3835-38' 3862-64' 250 gallons NE-28% Producing method (flowing, pumping, gas lift, etc.) First production 09/25/82 Pumping Producing method (flowing, pumping, gas lift, etc.) Gravity 370 API Material used on less and western used on less and the second of the second used on less and the second used on less	ft.		Søcks e	ement	_					-	
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Amount and kind of material used 250 gallons NE-28% 250 gallons NE-28% 3862-64' 250 gallons NE-28% 3835-38' Production 09/25/82 Pumping Gas Water None MCF None More None Mater None Non		TUBING RECORD			-						
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Amount and kind of material used 250 gallons NE-28% 250 gallons NE-28% 3862-64' 250 gallons NE-28% 3835-38' Froducing method (flowing, pumping, gas lift, etc.) O9/25/82 Pumping Producing method (flowing, pumping, gas lift, etc.) Pumping Mater OII Mater OII Mater OII Mater Solution of gas (vented, used on lesse as all) Amount and kind of material used Depth interval treated 3862-64' 3835-38' Gravity 370 API Gas None MCF None bbis. N/A CFPB	2 3/8"					5 3/0		000	3000-30		
Amount and kind of material used 250 gallons NE-28% 3862-64' 250 gallons NE-28% 3835-38' First production 09/25/82 Pumping Producing method (flowing, pumping, gas lift, etc.) Pumping Pumping Gas-oil ratio N/A CFPB	, -					IETT					
250 gallons NE-28% 250 gallons NE-28% 3862-64' 3835-38' first production 09/25/82 Pumping Producing method (flowing, pumping, gas lift, etc.) Pumping Pumping Gas-oil ratio N/A CFPB		A	CID. FRACT	URE SHOT	CEMENT COL						
250 gallons NE-28% Sallons NE-28% 3835-38'					CEMENT SQL	PEZE RECU		*	h into		
first production 09/25/82 Producing method (flowing, pumping, gas lift, etc.) Pumping Producing method (flowing, pumping, gas lift, etc.) Pumping Gravity 370 API Gas-oil ratio N/A CFPB	250 11	Amou	int and kind of		CEMENT SQL	PEZE RECC	, KD			ri movimum provincia submivinta su Nedi	
09/25/82 Pumping mated fuction -I.P. 58 bbls. None More More	250 gall	Amou	int and kind of								
09/25/82 Pumping mated fuction -I.P. 58 bbls. None More More		Amou Ions NE-289	ant and kind of					3862-6	4 ¹	ted mention promotes to the control of the control	
uction -I.P. 58 bbls. None McF % None bbls. N/A CFPB		Amou Ions NE-289	int and kind of	moterial used	4		PRU	3862-6 3835-3	4' 8'		
ion of age (vented, used on lesse or sold)	250 gall of first production 09/25/82	Amou Ions NE-289	int and kind of	material used	4			3862-6 3835-3	4' 8'		
N/A	250 gall of first production 09/25/82 imated duction -I.	Amou Ions NE-289 Ions NE-289	Producing	g method (flow Pumping	ing, pumping, go	Water	07	3862-6 3835-3 Gravity	4' 8' 37 ⁰ AF		