## 15-195-21916-00-00

PRODUCTIVITY TEST BARREL TEST  OPERATOR Shields live Grad LOCATION OF WELLOW See NEW LEASE  OF SEC 1/2 1/1 R 23  WELL NO.  COUNTY FLEYD  WELL NO.  Date Taken 1/- / 7-87 Date Effective NOV 1 1987  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Cásing: Size 4/4 Mt. Depth 37/41 Acid 3000  Cúsing: Size 2 Depth of Perfs 3742 Gravity 4/4  Pump: Type 1/1 S Bore 1/4 Purchaser Scalar See Noving Swabbing Pumping. Nowing, etc.  TEST DATA  Field Special  Flowing Swabbing Pumping  SHUT IN HOURS  DURATION OF TEST HOURS 4/4 MINUTES DECONDS  GAUGES: WATER INCHES 1 PERCENTAGE  OIL TOROUCTION RATE (BARRELS PER DAY) 3.5  MATER PRODUCTION RATE (BARRELS PER DAY) 3.5  MATER PRODUCTION RATE (BARRELS PER DAY) 3.2  PRODUCTIVITY  STROKES PER MINUTE 4/4  LENGTH OF STROKE 1 INCHES  REGULAR PRODUCTION SCHEDULE 2 HOURS PER DAY.  COMMENTS  NOV 2.3 1987  1/-23-9/8  OKRSENVATURE OFFICIAL  WIICHER, KARRASS  WICHER, KARRASS	STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION	_ /
DEFRATOR PRODUCTION RATE (BARRELS PER DAY)  DITTIPLES  BARREL TEST  DATE TAKEN  LICASE  LICASE  LICASE  DELL NO.  DATE TAKEN  LICASE  DELL NO.  PRODUCING FORMATION  PRODUCING FORMATION  DATE TAKEN  LICASE  DATE  PRODUCING FORMATION  PRODUCING FORMATION  DATE TAKEN  MELL NO.  LICASING: SIZE  DEPTH 3870  TOP PROD. FORM 3 494  Perfs 3674-368  CASSING: SIZE  DEPTH 3742  DEPTH 3763  ACID  JOURN SHOUT IN  HOURS  SHUT IN  HOURS  DURATION OF TEST  HOURS  SHUT IN  HOURS  DURATION OF TEST  JOURN SECONDS  GROUGES: WATER  OIL  INCHES  PERCENTAGE  HOURS PER DAY)  J. 8  OUNCTIVITY  STROKES PER MINUTE  LENGTH OF STROKE  J INCHES  REGULAR PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  LENGTH OF STROKE  J INCHES  REGULAR PRODUCTION SCHEDULE  J INCHES  REGULAR PRODUCTION COMMA  NOV 2.3 1987  AUXILIARY  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  NOV 2.3 1987  AUXILIARY  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  NOV 2.3 1987  AUXILIARY  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  NOV 2.3 1987  AUXILIARY  AUXILIARY  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  NOV 2.3 1987  AUXILIARY  AUXILIARY  OUNCELLANDED  STATE CORP. ORV. TION COMMA  NOV 2.3 1987  AUXILIARY  AUXILIARY  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  NOV 2.3 1987  AUXILIARY  AUXILIARY  OUNCELLANDED  STATE CORP. ORV. TION COMMA  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  MINUTERS  OUNCELLANDED  STATE CORP. ORV. TION COMMA  MINUTERS  OUNCELLANDED  STATE AUXILIARY  OUNCELLANDED  AUXILIARY  AUXILIARY  AUXILIARY  AUXILIARY  PURCHES  OUNCELLANDE	PRODUCTIVITY TEST Section les	X
Date Taken //- / 7-87 Date Effective NOV 1 1987  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Well Depth 3764 Acid 3000  Tubing: Size Depth of Perfs 3742 Gravity #  Pumping: Type // S Bore / Purchaser Pumping  Well Status Pumping, Jowing, etc.  TEST DATA  Fleid Special  Flowing Swabbing Pumping  DURATION OF TEST HOURS  SHUT IN HOURS  SHUT IN HOURS  DURATION OF TEST HOURS PERCENTAGE  OIL INCHES PERCENTAGE  SROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 35  WATER PRODUCTION RATE (BARRELS PER DAY) 3.2.2 PRODUCTIVITY  STROKES PER MINUTE 42  LENGTH OF STROKE 1 INCHES  LENGTH OF STROKE 1 INCHES  LENGTH OF STROKE 1 INCHES  WEGULAR PRODUCTION RATE (BARRELS PER DAY) 3.2.2 PRODUCTIVITY  STROKES PER MINUTE 42  LENGTH OF STROKE 1 INCHES  WEGULAR PRODUCTION G SCHEDULE 2 HOURS PER DAY.  COMMENTS.  WATER PRODUCTION G SCHEDULE 2 HOURS PER DAY.  COMMENTS.  WITHERES.	BARREL TEST	
Date Taken //- / 7-87 Date Effective NOV 1 1987  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Well Depth 3870 Top Prod. Form 3494 Perfs 3674-368  Câşing: Size 4/4 Mt. Depth 3764 Acid 3000  Tubing: Size 2 Depth of Perfs 3742 Gravity 4/4  Pumping: Type 1/4 Bore 1/4 Purchaser 2/4 Pumping  Well Status Flowing Swabbing Fumping  Well Status Before Test:  PRODUCED HOURS  SHUT IN HOURS  DURATION OF TEST HOURS Flowing Percentage  OIL INCHES PERCENTAGE  OIL INCHES PERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 3.5  WATER PRODUCTION RATE (BARRELS PER DAY) 3.2.2 PRODUCTIVITY  STROKES PER MINUTE 4.2  LENGTH OF STROKE 1 INCHES  REGULAR PRODUCTION RATE (BARRELS PER DAY) 3.2.2 PRODUCTIVITY  STROKES PER MINUTE 4.2  LENGTH OF STROKE 1 INCHES  REGULAR PRODUCTION GSCHEDULE 2/4 HOURS PER DAY.  COMMENTS  WICHES 1 PRODUCTION STATE CORNICATION COMMENTS  NOV 2.3 1987  1/- Z23-7/980  WIGHER KARRES	APERATOR Shield leve Grad LOCATION OF WELL See the	
Date Taken //- / 7-87 Date Effective NOV 1 1987  Mell Depth 3870 Top Prod. Form 3 494 Perfs 3674-368  Sasing: Size //- Mt. Depth 3764 Acid 3000  Mubing: Size _ Depth of Pecfs 3742 Gravity _ 44  Purchaser _ Purping _ Swabbing _ Pumping _ Pumping _ Status BEFORE TEST:  PRODUCED _ HOURS		3 ∨
Date Taken //- / 7-87 Date Effective NOV 1 1987  Well Depth 3870 Top Prod. Form 3 494 Perfs 3674-368  Casing: Size 4/4 Wt. Depth 3764 Acid 3000  Tubing: Size 2 Depth of Perfs 3742 Gravity 4/4  Pump: Type // Bore 1 Purchasen Acid 5000  Well Status Fumping, Mowing, etc. TEST DATA  Fleeld Special Flowing Swabbing Fumping  STATUS BEFORE TEST:  PRODUCED HOURS  SHUT IN HOURS 4/4 HINUTES O SECONDS  SAUGES: WATER INCHES PERCENTAGE  OIL INCHES 92 PERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 3.5  WATER PRODUCTION RATE (BARRELS PER DAY) 3.5  WATER PRODUCTION RATE (BARRELS PER DAY) 3.5  WATER PRODUCTION RATE (BARRELS PER DAY) 3.2.2 PRODUCTIVITY  STROKES PER MINUTE 42  LENGTH OF STROKE 7 INCHES  REGULAR PRODUCTING SCHEDULE 2 HOURS PER DAY.  COMMENTS.  WITHOUGHS. KARBAS  WITHOURS 93 1987  // 23-998  COMMENTATION COMMA  NOV 2 3 1987  // 23-998  COMMENTATION COMMA  NOV 2 3 1987  // 23-998  COMMENTATION COMMA  NOV 2 3 1987  // 23-998  COMMENTATION COMMA  WICHER, KARBAS  WICHER, KARBAS  WITHOURS PER DAY.  WICHER, KARBAS  WITHOURS PER DAY.  COMMENTS.	ELL NO. COUNTY LLEGO	
Top Prod. Form 3494 Perfs 3674 366  Casing: Size 4/4 Mt. Depth 3764 Acid 3000  Tubing: Size 2 Depth of Perfs 3742 Gravity 4/4  Pump: Type 1/15 Bore 1/7  Pump: Type 1/15 Bore 1/7  Pumping, Nowing, etc. Test DATA  Field Special  Flowing Swabbing Pumping  SHUTIN HOURS  DURATION OF TEST HOURS 1 PERCENTAGE  OIL INCHES 1 PERCENTAGE  SROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 35  NATER PRODUCTION RATE (BARRELS PER DAY) 35  NATER PRODUCTION RATE (BARRELS PER DAY) 32. 2 PRODUCTIVITY  STROKES PER MINUTE 42  LENGTH OF STROKE 1 INCHES  REGULAR PRODUCTIOS SCHEDULE 2 HOURS PER DAY.  COMMENTS  NOV 2.3 1987  1/1 23 -/98  CONSENTATION COMMA  NOV 2.3 1987  1/1 23 -/98  CONSENTATION COMMINISTOR MINISTOR MINISTO	20	_
Depth 37% Acid 3000  Fubing: Size Depth of Perfs 3742 Gravity 4/  Pump: Type MS Bore Pumping, Towing, etc.  TEST DATA  Fermanent Field Special  Flowing Swabbing Pumping  PRODUCED HOURS  SHUT IN HOURS  FURATION OF TEST HOURS PERCENTAGE  FOUL INCHES PERCENTAGE  FRODUCTION RATE (BARRELS PER DAY) 35  FAIGHT PRODUCTION RATE (BARRELS PER DAY) 32. 2 PRODUCTIVITY  STROKES PER MINUTE 42  ENGIN OF STROKE INCHES HOURS PER DAY.  FOUNDENTS  FOUNDENTS  FINCHES PER DAY.  FOUNDENTS  F	Date Taken //- 17-87 Date Effective NOV 1 1987	
Test Data  Status Before Test:  PRODUCED  DUMPS  SHUT IN  HOURS  SAUGES: WATER  OIL  INCHES  PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  STROKES  DIL  STROKES PER MINUTE  STROKES  DIL	lell Depth 3870 Top Prod. Form 3494 Perfs 3674-366	PO
Tubing: Size Depth of Perfs 3742 Gravity	111	
Pumping, lowing, etc.    TEST DATA		_
Permanent Field Special  Flowing Swabbing Pumping  STATUS BEFORE TEST:  PRODUCED HOURS  SHUT IN HOURS  SAUGES: WATER INCHES PERCENTAGE  OIL INCHES PERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY)  DIL PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  LENGTH OF STROKE INCHES  REGULAR PRODUCING SCHEDULE  LENGTH OF STROKE INCHES  REGULAR PRODUCING SCHEDULE  LENGTH OF STROKE INCHES  REGULAR PRODUCING SCHEDULE  STATE CORPORATION COMMINISTED  MINUTES  STATE CORPORATION COMMINISTED  MINUTES  STATE CORPORATION COMMINISTED  MINUTES  STATE CORPORATION COMMINISTED  MICHIER PRODUCING STATE COMMINISTED  MINUTES  STATE CORPORATION COMMINISTED  MINUTES  SECONDS  STATE CORPORATION COMMINISTED  MINUTES  SECONDS  SECOND		Tru
Pumping, Nowing, etc.  TEST DATA  Permanent Field Special Flowing Swabbing Pumping Swabbing Pumping Swabbing Pumping Swabbing Pumping Swabbing Shut IN HOURS SHUT IN HOURS SHUT IN HOURS SAUGES: WATER INCHES SPERCENTAGE OIL INCHES SPERCENTAGE GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) DIL PRODUCTION RATE (BARRELS PER DAY) STROKES PER MINUTE LENGTH OF STROKE INCHES REGULAR PRODUCING SCHEDULE STATE CORPORATION COMM NOV 2 3 1987		_
Field Special  Flowing Swabbing Pumping  SHUT IN HOURS  SHUT IN HOURS  SAUGES: WATER INCHES PERCENTAGE  OIL INCHES PERCENTAGE  SROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 3.5  MATER PRODUCTION RATE (BARRELS PER DAY) 3.5  STROKES PER MINUTE 42  LENGTH OF STROKE INCHES  REGULAR PRODUCTING SCHEDULE 2 HOURS PER DAY.  COMMENTS  NOV 2 3 1987  NOV 2 3 1987  NOV 2 3 1987  NOV 2 3 1987  CONSENTATION SYMISTON  Wichts, Karsas	Pumping, Howing, etc.	
STATUS BEFORE TEST:  PRODUCED HOURS  SHUT IN HOURS  DURATION OF TEST HOURS  SAUGES: WATER INCHES PERCENTAGE  OIL INCHES PERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY)  DIL PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  LENGTH OF STROKE TINCHES  REGULAR PRODUCING SCHEDULE HOURS PER DAY.  COMMENTS  NOV 2 3 1987		
PRODUCED HOURS  SHUT IN HOURS  DURATION OF TEST HOURS  GAUGES: WATER INCHES PERCENTAGE  OIL INCHES PERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY)  DIL PRODUCTION RATE (BARRELS PER DAY)  DIL PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  LENGTH OF STROKE INCHES  REGULAR PRODUCING SCHEDULE HOURS PER DAY.  COMMENTS  NOV 2 3 1987  1/-23-/98  CONSENVATION SYNSION  WICHES, KARRAS		-
SHUT IN HOURS  DURATION OF TEST HOURS  AUGES: WATER INCHES PERCENTAGE  OIL INCHES PERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 35  WATER PRODUCTION RATE (BARRELS PER DAY) 2.8  DIL PRODUCTION RATE (BARRELS PER DAY) 3.2.2 PRODUCTIVITY  STROKES PER MINUTE 42  LENGTH OF STROKE INCHES  REGULAR PRODUCING SCHEDULE 2 HOURS PER DAY.  COMMENTS  NOV 2.3 1987  1/-23-/98  CONSERVATION ONIMM  NOV 2.3 1987  1/-23-/98  CONSERVATION ONIMM  MICHIES.	TATUS BEFORE TEST:	-
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OILINCHESPERCENTAGE  GROSS FLUID PRODUCTION RATE (BARRELS PER DAY)	AUGES: WATER INCHES PERCENTAGE	
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NATER PRODUCTION RATE (BARRELS PER DAY)  DIL PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  LENGTH OF STROKE  TINCHES  REGULAR PRODUCING SCHEDULE  LOMMENTS  NOV 2 3 1987  110000000000000000000000000000000000	200	
PRODUCTION RATE (BARRELS PER DAY)  STROKES PER MINUTE  LENGTH OF STROKE  INCHES  REGULAR PRODUCING SCHEDULE  HOURS PER DAY.  STATE CORPORATION COMM  NOV 2 3 1987  1/-23-198  CONSERVATION SIMILATION  Wichita, Karsas	2 0	-
ENGTH OF STROKE  TINCHES  REGULAR PRODUCING SCHEDULE  COMMENTS  STATE CORPORATION COMM  NOV 2 3 1987  1/-23-/98  CONSERVATION STYLSION  Wichita, Karsas	3.)	 ,
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STATE CORPORATION COMM  NOV 2 3 1987  //-23-/98  CONSERVATION SIVISION Wichita, Kansas		
NOV 2 3 1987 //-23-198 CONSERVATION STYTSTON Wilchita, Kansas	OMMENTS	_
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