

15-033-21232-0000

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Rev.

Conservation Division _____

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: _____

Company: OIL PROD, INC Lease: RICH Well No. 3

County: COMANCHE Location: N/2 NENE Section: 22 Township: 22S Range (E/W): 19 W Acres: 160

API Well Number: 15-033-21232 Reservoir(s): U10LA Gas Pipeline Connection: _____

Completion Date: 8-08-01 Type of Completion (Describe): Single Plug Back T.D.: 5842 Packer Set At: _____

Lifting Method: None Pumping Gas Lift ESP Type Liquid: OIL API Gravity of Liquid/Oil: NA

Casing Size: 5.5" Weight: 15.5 H ID: ~~3.63~~ Set At: 5890 Perforations: 5789-5799 To: _____

Tubing Size: _____ Weight: _____ ID: _____ Set At: _____ Perforations: _____ To: _____

Pretest: Starting Date 8-28-01 Time 11:00 AM/PM Ending Date 8-29-01 Time 11:00 AM/PM

Test: Starting Date 8-28-01 Time 11:00 AM/PM Ending Date 8-29-01 Time 11:00 AM/PM

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size					
Casing:	Psig	Tubing:	Psig	Psig						
Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:				See attached					10	148.1
Test:										
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No)		Orifice Meter Range					Static Pressure:			
Pipe Taps:	Flange Taps:	Differential:								
Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h _w) or (h _d)	Gas Gravity (G _r)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P _d)	%CO ₂	H ₂ Sppm			
Orifice Meter								RECEIVED		
Critical Flow Prover								SEP 14 2001 9-14-01		
MERLA Well Tester								KCC WICHITA		

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F _d) (F _p)	Meter-Prover Press. (P _{sia})(P _m)	Press. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _v)	Sqr. Rt. Chart Factor (F _d)

Gas Prod. MCFD _____ Oil Prod. Bbls./Day: 148.1 Gas/Oil Ratio (GOR) = _____ Cubic Feet per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this _____ day of _____ 19____.

Dallas J. Preater For Offset Operator *Steve Krumm* For Commission _____ For Company

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____
 LEASE _____ OF SEC. _____ T _____ R _____
 WELL NO. _____ COUNTY _____
 FIELD _____ PRODUCING FORMATION _____
 Date Taken _____ Date Effective _____
 Well Depth _____ Top Prod. Form _____ Perfs _____
 Casing: Size _____ Wt. _____ Depth _____ Acid _____
 Tubing: Size _____ Depth of Perfs _____ Gravity _____
 Pump: Type _____ Bore _____ Purchaser _____
 Well Status _____
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS
 SHUT IN _____ HOURS
 DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS
 GAUGES: WATER _____ INCHES _____ PERCENTAGE
 OIL _____ INCHES _____ PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____
 WATER PRODUCTION RATE (BARRELS PER DAY) _____
 OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY
 STROKES PER MINUTE _____
 LENGTH OF STROKE _____ INCHES
 REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE _____ FOR OPERATOR _____ FOR OFFSET _____

OIL PRODUCTIONS RICH #3

Test 8-28-01

TANK	8486	6' 10" =	136.9 BBL
"	8487	7' 8.5" =	154.5 BBL
"	8490	9' 3" =	185.4 BBL
"	8493	9' 2" =	183.7 BBL
"	8492	1' 7" =	31.7 BBL
"	8491	1' 3" =	25.1 BBL
"	8489	9' 1" =	182 BBL
"	8488	3' 3.5" =	39.5 BBL

Total = 965.3

8-29-01

TANK	8486	9' 2" =	192.05
"	8487	2' 8" =	53.4
"	8490	9' 1" =	182.03
"	8493	1' 9" =	35.07
"	8492	9' 4.5" =	187.87
"	8491	1' 2.5" =	24.20
"	8489	1' 7" =	31.73
"	8488	9' 7" =	192.05
			<u>898.40</u>

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Total Runs

898.40 + 983 Runs = 1881.4

983 BBL

- 965.3

Total Prod = 916.1 - 768 B/D #4 = 148.1 For Rich #3

Wtr Rich #3 = 18 BBL PP

Rich #4 = 7 BBL PD

Meta for 4 wells is 459.7

for gas

~~898.40 + 983 = 1881.4~~

FOR KCC USE:

EFFECTIVE DATE: 6-11-2001
DISTRICT # 1
SGA. X. Yes. No.

State of Kansas
NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well

FORM C-1 7/91
FORM MUST BE TYPED
FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

Expected Spud Date: 6/22/2001
Month day year

Spot N/2 NE. - NE .Sec. 22...Twp 32., Rg...19.W East
X West

4950 feet from South North Line of Section

660 feet from East West Line of Section

IS SECTION X REGULAR. IRREGULAR?

(Note: Locate well on the Section Plat on Reverse Side)

County: COMANCHE

Lease Name: RICH C Well #: 3

Field Name:

Is this a Prorated / Spaced Field? yes no

Target Formation (s): Marmaton, Miss. Viola

Nearest Lease or unit boundary: 660

Ground Surface Elevation: est 1999 feet MSL

Water well within one - quarter mile: yes no

Public water supply well within one mile: yes no

Depth to bottom of fresh water: 100

Depth to bottom of usable water: 180

Surface Pipe by Alternate: X. 1 2

Length of Surface Pipe Planned to be set: 750

Length of Conductor pipe required: 40

Projected Total Depth: 5900

Formation at Total Depth: Viola

Water Source for Drilling Operations: Well Farm Pond other

DWR Permit #:

Will Cores Be Taken?: yes no

If yes, proposed zone:

OPERATOR: LICENSE # 8061
Name: OIL PRODUCERS, INC. OF KANSAS
Address: P.O. BOX 8647
City/State/Zip: WICHITA, KANSAS 67208
Contact Person: JOHN S. WEIR/DIANA RICHECKY
Phone: 316-681-0231

CONTRACTOR: License #: 5822
Name: VAL ENERGY INC.

Well Drilled For: Well Class: Type Equipment:
X Oil Enh Rec X Infield X Mud Rotary
X Gas Storage Pool Extension Air Rotary
OWWO Disposal Wildcat Cable
Seismic: # of Holes Other

If OWWO: old well information as follows:

Operator:
Well Name:
Comp. Date: Old Total Depth

Directional, Deviated or Horizontal wellbore? yes X no

If yes, true vertical depth:

Bottom Hole Location:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq. It is agreed that the following minimum requirements will be met. :

- 1. Notify the appropriate district office prior to spudding of well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. IF AN ALTERNATE II COMPLETION, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY USABLE WATER TO SURFACE WITHIN 120 DAYS OF SPUD DATE. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 06/04/01 Signature of Operator or Agent: Title: President

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FOR KCC USE:
API # 15- 033-21232-0000
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt OK
Approved by: 6-6-2001
This authorization expires: 12-6-2001
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

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KANSAS CORPORATION COMMISSION

JUN 5 2001

6-5-01

CONSERVATION DIVISION

REMEMBER TO:

- File Drill Pit Application (form CDP - 1) with Intent to Drill;
- File Completion Form ACO -1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202.

22
32
19W

15-033-21232-0000

WELL - RICH C-3LEGAL DESCRIPTION - W/2-NE-NE OF SEC 22,32s-19w IN COMANCHE CO. KS.API# - 15-033-21,232K.B. - 10' ABOVE G.L. @ 2016'G.L. - 2006'SURFACE CSN - 13 3/8" @ 65' AND 8 5/8" @ 763'RTD - 5900'LTD - 5895' (ELI 7/18/01)PRODUCTION CSN - 5 1/2", 15.5# NEW RG-3 @ 5890'PRODUCTION CSN CEMENT - 210 SX EA-2 WITH GAS STOPD.V. TOOL - NONETWO STAGE CEMENT - NONETOP OF CEMENT - 4695' WITH EXCELLENT CEMENT BONDINGPHTD - 5842' (ELI 7/22/01)CIBP'S - NONEPERFORATIONS - VIOLA 5789'-5799' 4/FT TCP 7/24/01COMPLETION DATE - 8/8/01TBG IN HOLE - 15' X 2 7/8" MUD ANCHOR, S.N., 185 JTS. 2 7/8" TUBING (5796.55')PACKER IN HOLE - NONETBG ANCHOR SET - NONETBG SET - 5820.00'AVER TBG JT. - 31.33'PUMP RAN - 2 1/4" X 2" X 16' RWB, SINGLE VALVED, HOLLOW ROD, WITH 6' GAS ANCHORRODS RAN - PUMP, 2" X 3/4", 176-3/4", 53-7/8", 4", 1 1/4" X 22' P.R. WITH 10' LINERPUMP SET @ - 5805'PUMPING UNIT - SENTRY 160, SERIAL # P160-00124, WITH 74" STROKEPRIME MOVER - 25 HP ELECTRIC MOTORGAS SEPARATOR - 30" X 10' VERTICAL WITH MANUAL DUMPLINE HEATER - NONEGUN BBL - 10' X 15' FIBERGLASS 210 BBLHEATER TREATER - NONE

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FWKO - NONESTOCK TANKS - 8 - 10' X 12' 200 BBL STEEL STOCK TANKSWATER TANKS - 10' X 12' 200 BBL FIBERGLASS CLOSED TOPS.W. PUMP - NONEMETER RUN - NONEGAS PIPELINE - ONEOKWATER DISPOSAL - HAULWELL HISTORY, SERVICE WORK AND NOTES

8/01 INITIAL COMPLETION
 RUN CORRELATION & BOND LOG, FOUND TTL DEPTH 5842'. FOUND TOC 4695'
 SWAB WELL DRY, SPOT 250 GALS 10% ACETIC ACID AND 18 BBL 2% KCL WATER.
 RUN TCP PERFORATING GUN AND 2 3/8" TUBING.
 HOOK UP WELL HEAD TO 3 - 500 BBL FRAC TANKS.
 DROP DETONATION BAR. HAD FLUID TO SURFACE IN 45 MINUTES = 600 BTFPD.
 WELL FLOWING 100% OIL, 38 GRAVITY, 45-57 BOPH IN 1st 6 HRS.
 1st DAY = 818 BOPD, 2nd DAY = 650 BOPD, 3rd DAY = 461 BOPD AND WELL LOGGED OFF.
 SWAB WELL BACK IN, FLOWING @ 25 BOPH. WELL DIED WITHIN 24 HRS.
 THIS WELL HAS INSUFFICIENT SBHP TO FLOW.
 SBHP = 1375#.
 RUN 2 7/8" TUBING AND 2" BORE INSERT PUMP.
 BUILT TANK GRADE. SET PUMPING UNIT AND ELECTRIFY.
 PUT WELL IN SERVICE @ 9 SPM X 74" STROKE. PUMP CAPACITY = 300 BTFPD @ 100%.
 WELL PRODUCING 250 BOPD 9 DAYS AFTER PUTTING WELL IN SERVICE.
 WELL IS PRODUCING PIPELINE CRUDE OIL AND APPROX 100 MCPFD GAS.

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