



PERMIAN TESTERS, INC.

P. O. BOX 6441 • PHONE 366-0811
ODESSA, TEXAS

79762

TICKET NO. 4022
DATE June 19, 1981
ORDER NO.
DISTRICT Odessa

COMPANY Coquina Oil & Gas Company

LEASE Nymeyer WELL NO. #1 TEST NO. #1 FORMATION
FIELD Wildcat COUNTY Eddy STATE New Mexico

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE 5/8" SURFACE Positive Choke CUSHION 2078

TIME TOOL OPENED 10:45 A. M. RECORDED DATA

TOOL OPEN BEFORE IS.I.P. 15 MIN. TYPE AK-1 CAPACITY 8300

INITIAL SHUT-IN 1 HRS. TOP 13,256 DEPTH 12,399

TOOL OPEN 1 HRS. BOTTOM 13,204 DEPTH 12,405

AL SHUT-IN 2 HRS. 0 MIN. CLOCK TOP 18 Hr. BOTTOM 24 Hr.

SURFACE ACTION Pre-flow: Opened tool with a very weak blow which remained weak throughout pre-flow. (1" in bucket).

Final Flow: Opened tool with a weak blow, increasing to bottom of bucket in 25 minutes. Blow remained strong off bottom of bucket for remainder of test. No Gas to surface.

RECOVERY Water Blanket & 150' Drilling Fluid.

Chlorides: Top: 48,000 P.P.M. Rw .24 @ 93°

Middle: 8,000 P.P.M. Rw 1.6 @ 95°

Bottom: 110,000 P.P.M. Rw .10 @ 95°

ARKS

SUCCESSFUL TEST Yes B.H. TEMPERATURE 191 °F @ 12,398

TESTER Don Terhune APPROVED BY Larry P. Sample

	RECORDER NO.	RECORDER NO.
A (INITIAL HYDROSTATIC PRESSURE)	6167 PSI	PSI
B (INITIAL PRE-FLOW PRESSURE)	1004 PSI	PSI
C (FINAL PRE-FLOW PRESSURE)	15 MIN. 1004 PSI	PSI
D (INITIAL SHUT-IN PRESSURE)	60 MIN. 2298 PSI	PSI
E (INITIAL FLOW PRESSURE)	1008 PSI	PSI
F (FINAL FLOW PRESSURE)	60 MIN. 1008 PSI	PSI
G (FINAL SHUT-IN PRESSURE)	120 MIN. 3941 PSI	PSI
H (FINAL HYDROSTATIC PRESSURE)	6167 PSI	PSI

HOLE AND MUD DATA

TOTAL DEPTH 12,408 MAIN HOLE 6 1/2"
RAT HOLE CASING SIZE 9 5/8"
DEPTH OF CSG 9912 TYPE MUD PacStat
MUD WT. 9.6 VISCOSITY 28
WATER LOSS 4 CAKE -
CHLORIDE 120,000 P.P.M.
RESISTIVITY .08 @ 93 °F

TOOL DATA

NO PACKERS 2 STRADDLE TEST
SIZE PACKERS 5 3/4 CSG TEST
CONVENTIONAL TEST Yes

TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4 1/2 FH DP		11,473	3.8	4.5
4 1/2 XH DP			3.5	4.5
3 1/2 IF DP			2.7	3.5
3 1/2 IF DC		613	2	5
Circ. Sub	12,086	1		
2 DC		60		
Shut in		6		
Sampler		3		
Hyd.		5		
Jars		6		
Sfty. J.		2		
Packer	12,174	6		
Packer	12,180	6		
Perf				
7 DC				
Perf & Rec.				

DRUG CONT Sharp RIG # 63



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TEST TICKET NO. 4022

PRESSURE BREAKDOWN

Date June 19, 1981

Company Coquina Oil & Gas Company County Eddy

Well Name & No. Nymeyer #1 State New Mexico

DST No. #1 Tool Open 15 Min. For Pre Flow Tool Closed 63 Min. For ISIP

Interval 12,180 To 12,408 Tool Open 60 Min. For Final Flow Tool Closed 122 Min. For FSIP

INITIAL SHUT-IN				FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure	Time Deflection	Min.	Deflection	Pressure
	0		1004		0		1008
	2		1017		2		1079
	4		1050		4		1163
	6		1079		6		1258
	8		1121		8		1350
	10		1171		10		1429
	12		1233		12		1533
	18		1354		24		2000
	24		1513		36		2429
	30		1625		48		2777
	36		1750		60		3054
	42		1821		72		3297
	48		1923		84		3494
	54		2118		96		3653
	60		2244		108		3799
	63		2298		120		3921
					122		3941

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BOTTOM HOLE SAMPLER REPORTDate June 19, 1981 Ticket No. 4022Company Coquina Oil & Gas CompanyWell Name & No. Nymeyer #1 DST No. #1County Eddy State New MexicoSampler No. _____ Test Interval 12,180 to 12,408Pressure in Sampler 600 PSI BHT 191 °FTotal Volume of Sampler: 1500 cc.

Oil: _____ cc.

Water: _____ cc.

Mud: 1400 cc.Gas: .35 cu. ft.

Other: _____

ResistivityDrilling Fluid in Plts .08 @ 93 °F Chloride Content 120,000 ppm.Fluid from Sampler .06 @ 95 °F Chloride Content 140,000 ppm.

Gas/Oil Ratio _____ Gravity _____ -API @ _____ °F

Where was sample drained Rig

Remarks: _____



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RECEIVED

JUL 27 1981

COMPANY Coquina Oil Corporation

O. C. D.

LEASE Nymeyer WELL NO 1

TEST NO. ARTESIA, OFFICE INFORMATION

FIELD Wildcat COUNTY Eddy

STATE New Mexico

ELEVATION 170'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE 5/8" SURFACE Positive CUSHION 2000'

TIME TOOL OPENED 4:45 A.M. REORDER DATA

TOOL OPEN BEFORE IS.I.P. 15 MIN. TYPE AK-1 CAPACITY 8300

INITIAL SHUT-IN 1 HRS. TOP 13,256 DEPTH 12,551

TOOL OPEN 1 HRS. BOTTOM 13,204 DEPTH 12,557

FINAL SHUT-IN 2 HRS. MIN. CLOCK TOP 18 hr. BOTTOM 24 hr.

SURFACE ACTION

Pre-flow: Opened with a very weak blow, remained very weak ($\frac{1}{2}$ " in bucket) throughout.

Final Flow: Opened with a weak blow, increasing to bottom of bucket in 8 minutes. Opened to pit at 20 minutes on 1" choke. Blow remained weak for remainder of test. No gas to surface.

RECOVERY

Water Blanket, Gas Cut.

90' Gas Cut Drilling Fluid.

Chlorides - Top 70,000 P.P.M. R_w .12 @ 94°.

Middle 6,000 P.P.M. R_w 1.6 @ 94°.

Bottom 6,000 P.P.M. R_w 1.6 @ 94°.

MARKS

SUCCESSFUL TEST Yes. B. H. TEMPERATURE 196 °F @ 12,550

TESTER Don Terhune APPROVED BY Charles Byrd

	RECORDER NO	RECORDER NO
A (INITIAL HYDROSTATIC PRESSURE)	6226 PSI	PSI
B (INITIAL PRE-FLOW PRESSURE)	1046 PSI	PSI
C (FINAL PRE-FLOW PRESSURE)	1071 PSI	PSI
D (INITIAL SHUT-IN PRESSURE)	60 MIN	PSI
E (INITIAL FLOW PRESSURE)	3222 PSI	PSI
F (INITIAL FLOW PRESSURE)	1067 PSI	PSI
G (FINAL FLOW PRESSURE)	60 MIN	PSI
H (FINAL SHUT-IN PRESSURE)	120 MIN	PSI
I (FINAL HYDROSTATIC PRESSURE)	6226 PSI	PSI

TICKET NO 4023
DATE June 22, 1981
ORDER NO
DISTRICT Odessa

HOLE AND MUD DATA

TOTAL DEPTH	12,560	MAIN HOLE	6 $\frac{1}{2}$
RAT HOLE	6 $\frac{1}{2}$	CASING SIZE	9 5/8
DEPTH OF CSG.	9912	TYPE MUD	Nonpac St.
MUD WT.	9.6+	VISCOSITY	31
WATER LOSS	8.4	CAKE FILM	
CHLORIDE	135,000 P.P.M.		
RESISTIVITY	.08 @ 94 °F		

TOOL DATA

NO. PACKERS	2	STRADDLE TEST
SIZE PACKERS	5 3/4	CSG. TEST
CONVENTIONAL TEST	Yes	

TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4 $\frac{1}{2}$ FH DP			3.8	4.5
4 $\frac{1}{2}$ XH DP		11,625	3.8	4.5
3 $\frac{1}{2}$ IF DP			2.7	3.5
3 $\frac{1}{2}$ IF DC		639	2	5
Cir.Sub.	12,264	1		
3 DC		92		
Shut-in		6		
Sampler		3		
Hyd.		5		
Jars		6		
S.J.		2		
Packer	12,384	6		
Packer	12,390	6		
Perf.				
5 DC				
Perf.&Rsc.	170			
DRG CONT	Sharp	RIG #	63	



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TEST TICKET NO. 4023

PRESSURE BREAKDOWN

Date June 22, 1981

Company Coquina Oil Corporation County Eddy

Well Name & No. Nymeyer # 1 State New Mexico

DST No. 2 Tool Open 15 Min. For Pre Flow Tool Closed 45 Min. For ISIP

Interval 12,390 To 12,560 Tool Open 60 Min. For Final Flow Tool Closed 120 Min. For FSIP

INITIAL SHUT-IN				FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure	Time Deflection	Min.	Deflection	Pressure
	0		1071		0		1042
	2		1100		2		1267
	4		1133		4		1483
	6		1250		6		1700
	8		1338		8		1921
	10		1467		10		2139
	12		1542		12		2349
	18		1888		24		3552
	24		2202		36		4169
	30		2546		48		4581
	36		2874		60		4860
	72		3172		72		5071
	45		3222		84		5204
					96		5292
					108		5346
					120		5392

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BOTTOM HOLE SAMPLER REPORTDate June 22, 1981 Ticket No. 4023Company Coquina Oil CorporationWell Name & No. Nymeyer # 1 DST No. 2County Eddy State New MexicoSampler No. _____ Test Interval 12,390 to 12,560Pressure in Sampler 850 PSI BHT 196 °FTotal Volume of Sampler: 1500 cc.

Oil: _____ cc.

Water: _____ cc.

Mud: 1300 (Gas Cut) cc.Gas: .8 cu. ft.

Other: _____

ResistivityDrilling Fluid in Pits .08 @ 94 °F Chloride Content 135,000 ppm.Fluid from Sampler .06 @ 98 °F Chloride Content 115,000 ppm.

Gas/Oil Ratio _____ Gravity _____ -API @ _____ °F

Where was sample drained Rig.

Remarks: _____



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JUL 27 1981

O. C. D.

ARTESIA OFFICE

COMPANY Coquina Oil Corporation

LEASE Nymeyer WELL NO. 1

FIELD Wildcat COUNTRY Eddy

DRILL STEM TEST DATA

TEST NO. 3 STATE New Mexico

FORMATION INTERVAL TESTED 12,598 TO 12,820 ANCHOR LENGTH 222

DRILL HOLE CHOKE 5/8" SURFACE Floor Manifold CUSHION 2000'

TIME TOOL OPENED 6:10 A.M. REORDER DATA

TOOL OPEN BEFORE IS.I.P. 15 MIN. TYPE AK-1 CAPACITY 8300

INITIAL SHUT-IN 1 HRS. TOP 13,256 DEPTH 12,811

TOOL OPEN 1 HRS. BOTTOM 13,204 DEPTH 12,817

FINAL SHUT-IN 2 HRS. MIN. CLOCK TOP 18 hr. BOTTOM 24 hr.

SURFACE ACTION

Pre-flow: Opened tool with a weak blow, increasing to 2" in bucket.

Final Flow: Opened with a fair blow, increasing to bottom of bucket in 30 minutes. Opened to pit at 45 minutes. Blow decreased and remained at 1 1/2" in bucket. Gas to surface at 45 minutes into final shut-in.

RECOVERY

16 stands or 1470' Drilling Fluid on top of Water Blanket.

2000' Water Blanket

370' Drilling Fluid below Water Blanket.

Chlorides - Top 127,000 P.P.M. Rv .06 @ 96°.

Middle 7,000 P.P.M. Rv 1.6 @ 96°.

Bottom 119,000 P.P.M. Rv .08 @ 96°.

EMARKS Layed down 2 bad connections coming out of hole.

SUCCESSFUL TEST Yes.

TESTER Don Terhune B.H. TEMPERATURE 200 °F @ 12,810'

APPROVED BY Charles Byrd

A (INITIAL HYDROSTATIC PRESSURE) 6318 PSI. RECORDER NO. RECORDER NO.

B (INITIAL PRE-FLOW PRESSURE) 1129 PSI. PSI.

C (FINAL PRE-FLOW PRESSURE) 15 MIN 1142 PSI. PSI.

D (INITIAL SHUT-IN PRESSURE) 60 MIN 5429 PSI. PSI.

E (INITIAL FLOW PRESSURE) 1246 PSI. PSI.

F (FINAL FLOW PRESSURE) 60 MIN 1346 PSI. PSI.

G (FINAL SHUT-IN PRESSURE) 120 MIN 5390 PSI. PSI.

H (FINAL HYDROSTATIC PRESSURE) 6318 PSI. PSI.

TICKET NO. 4025

DATE June 27, 1981

ORDER NO.

DISTRICT Odessa

ELEVATION

GL

HOLE AND MUD DATA

TOTAL DEPTH 12,820 MAIN HOLE 6 1/2

RAT HOLE 6 1/2 CASING SIZE 9 5/8

DEPTH OF CSG 9912 TYPE MUD MoPacSt

MUD WT. 9.6+ VISCOSITY 30

WATER LOSS 6.4 CAKE Film

CHLORIDE 125,000 P.P.M.

RESISTIVITY .06 @ 96

TOOL DATA

NO. PACKERS 2 STRADDLE TEST

SIZE PACKERS 5 3/4 CSG TEST

CONVENTIONAL TEST Yes

TYPE TOOL DEPTH LENGTH I.D. O.D.

4 1/2 FH DP 3.8 4.5

4 1/2 XH DP 11,894 3.8 4.5

3 1/2 IF DP 2.7 3.5

3 1/2 IF DC 650 2.0 5

Cir. Sub. 12,534 1

1 DC 30

Shut-in 6

Sampler 3

Hyd. 5

Jars 6

S.J. 2

Packer 12,592 6

Packer 12,598 6

Perf. 6

7 DC

Perf. 222

Recorders

DRUG CONT Sharp RIG # 61



ERMIAN TESTERS, I. C.

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TEST TICKET NO. 4025

PRESSURE BREAKDOWN

Date June 25, 1981

Company Coquina Oil Corporation County Eddy

Well Name & No. Nymeyer # 1 State New Mexico

DST No. 3 Tool Open 15 Min. For Pre Flow Tool Closed 60 Min. For ISIP

Interval 12,598 To 12,820 Tool Open 60 Min. For Final Flow Tool Closed 120 Min. For FSIP

INITIAL SHUT-IN				FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure	Time Deflection	Min.	Deflection	Pressure
	0		1142		0		1346
	2		1800		2		1888
	4		2912		4		2735
	6		3594		6		3285
	8		4030		8		3686
	10		4335		10		4004
	12		4589		12		4237
	18		4966		24		4949
	24		5121		36		5129
	30		5217		48		5217
	36		5279		60		5267
	42		5329		72		5304
	48		5371		84		5333
	54		5404		96		5354
	60		5429		108		5373
					120		5390

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BOTTOM HOLE SAMPLER REPORTDate June 27, 1981 Ticket No. 4025Company Coquina Oil CorporationWell Name & No. Nymeyer # 1 DST No. 3County Eddy State New MexicoSampler No. _____ Test Interval 12,598 to 12,820Pressure in Sampler 1000 PSI BHT 200 °FTotal Volume of Sampler: 1500 cc.

Oil: _____ cc.

Water: _____ cc.

Mud: 1100 cc.

Gas: _____ cu. ft.

Other: _____

ResistivityDrilling Fluid in Pits .06 @ 96 °F Chloride Content 125,000 ppm.Fluid from Sampler .08 @ 96 °F Chloride Content 115,000 ppm.

Gas/Oil Ratio _____ Gravity _____ •API @ _____ °F

Where was sample drained _____ Rig. _____

Remarks: _____