

APPLICATION FOR MULTIPLE COMPLETION

FOUR STAR OIL & GAS CO. SAN JUAN CO. 4/14/98
Operator County Date
3300 N. BUTLER, FARMINGTON, NEW MEXICO COM. M. #1
Address Lease Well No.
A 36 T31N R12W
Location Unit Section Township Range
of Well

All Applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	BLANCO - MESA VERDE		BASIN - DAKOTA
b. Top and Bottom of Pay Section (Perforations)	4640' - 4660'		6758' - 6920'
c. Type of production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e. Daily Production ☒ Actual ☐ Estimated Oil Bbls. Gas MCF Water Bbls.	0 - OIL 231 - GAS 0 - WATER	RECEIVED APR 20 1998 OIL CON. DIV. DIST. 3	0 - OIL 169 - GAS 2 - WATER

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title OPERATING UNIT MANAGER Date 4/16/98

(This space for State Use)

Approved By Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT # 3 Date APR 20 1998

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



NEW MEXICO COM 'M' No. 1

Current Dual Completion '3/98

API # 30-045-10173

LOCATION: 1190' FNL & 1190' FEL,
NE/NE (Unit Ltr. A), Sec. 36,
T31N, R12W,
San Juan Co., NM

ELEVATION: 5897' KB
5885' GR

2/91. Perfed Holes @ 803'
SQZ w/ 225 SXS of CMT

SPUD DATE: 7/29/64

COMPL. DATE: 8/28/64

2/91. Perfed Holes @ 1680'
SQZ w/ 50 SXS of CMT

FORMATION TOPS:

Fruitland 2097'
Pictured Cliffs 2316'
Pt. Lookout 4642'
Mancos 4853'
Dakota 6756'
Greenhorn 6638'

2/91. Perfed Holes @ 2275'
SQZ w/ 150 SXS of CMT
3/98. No Perf Holes - @ 1690'-2540'
Spot 128 SXS of CMT

MESA VERDE PERFS: 3/98

4640'-60' (4 JSPF)
FRAC W/ 1653 BBL GEL
114,180# 20/40 SAND, 500 GAL 15% HCI

5/74. SQZ Leak @ 3969'
and original

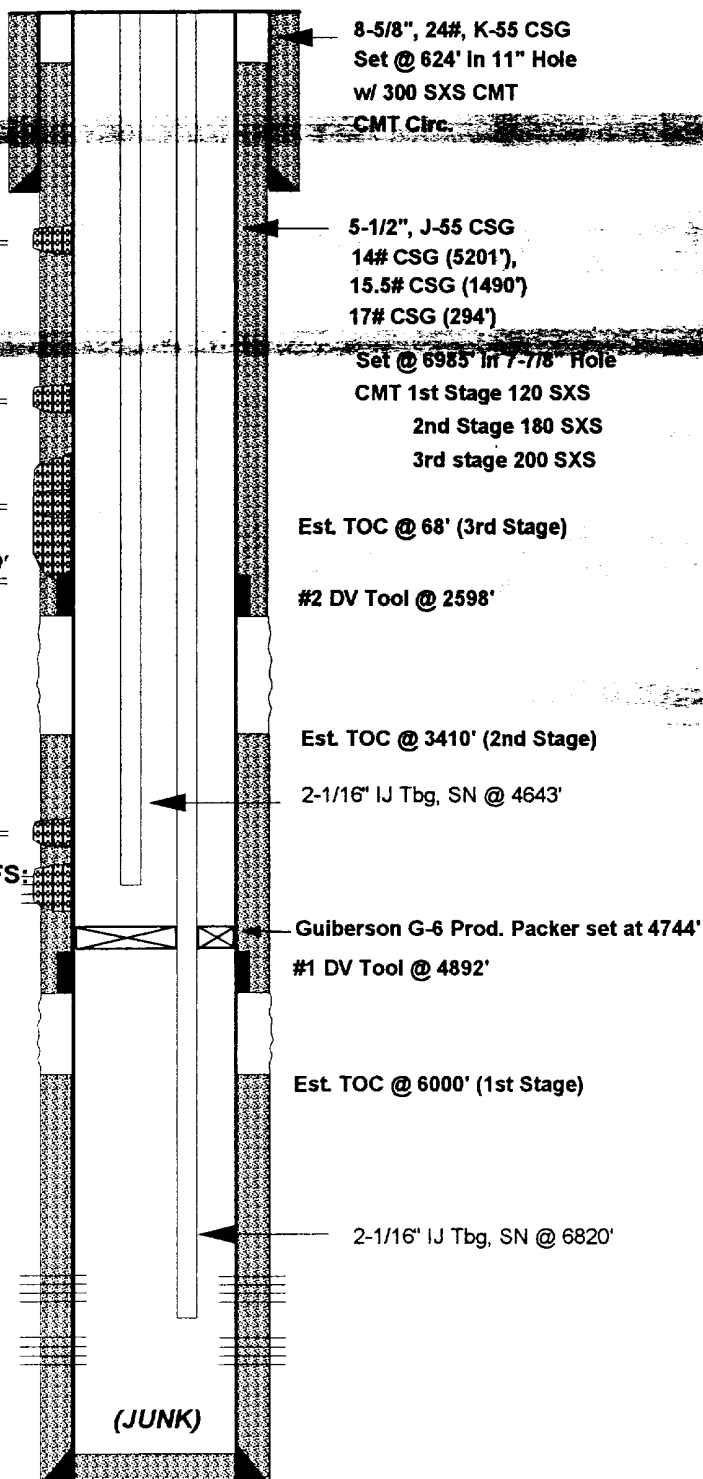
MESA VERDE PERFS:

4635'-43, 4646'-70'
(1 JSPF)
w/ 375 SXS
CMT

ORIG. STIMULATION:
FRAC. w/50,000 GALS WATER
& 50,000 LBS SAND

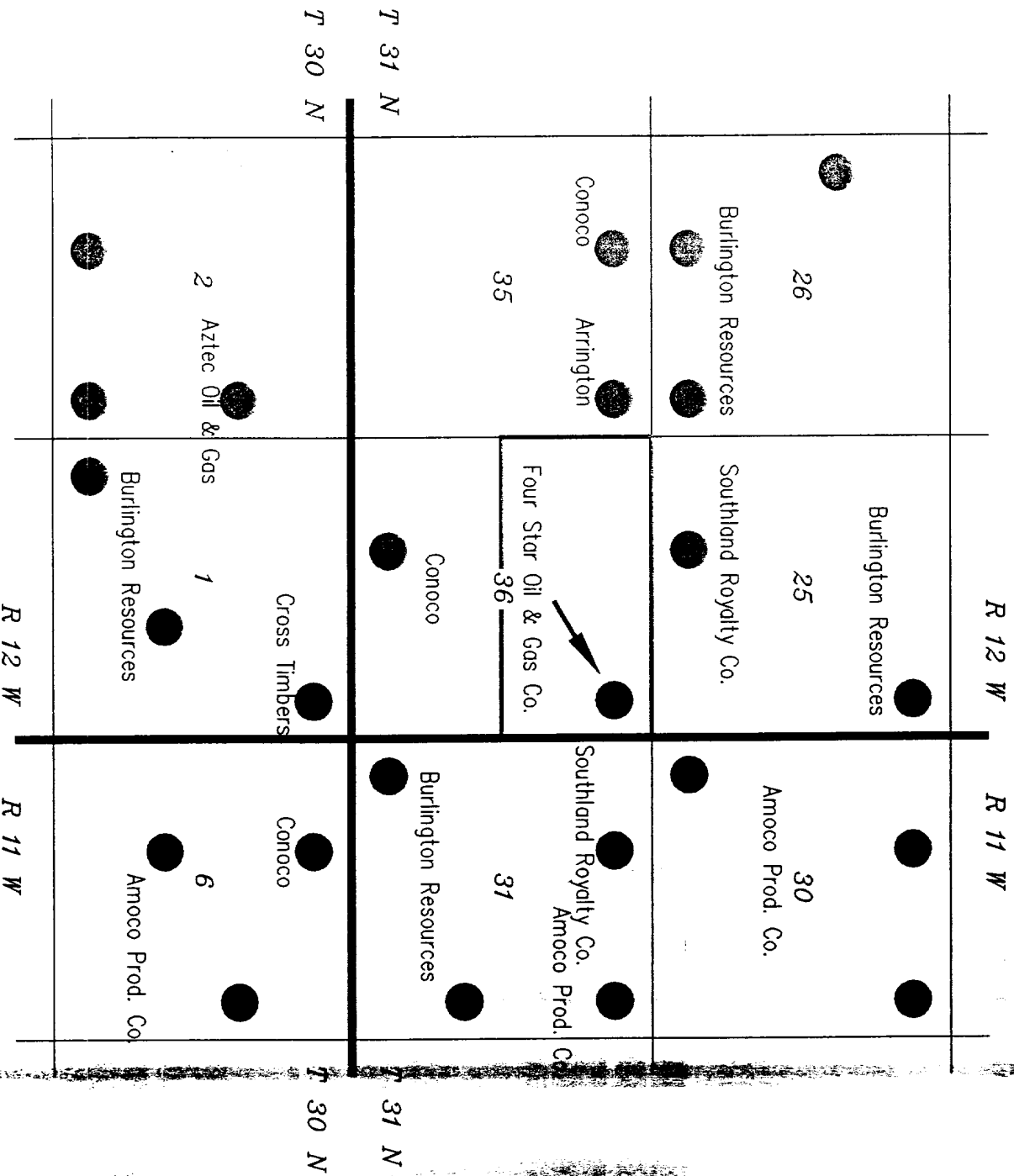
DAKOTA PERFS:

6758'-66', 6842'-58'
(1 JSPF)
FRAC. W/45,000 GALS WATER
& 45,000 LBS SAND
6888'-91', 6913'-20'
(2 JSPF)
FRAC. W/15,000 GALS WATER
& 15,000 LBS SAND
3/98 - 1000 GAL 15% HCI



PBTD 6930'

TD 6985'



Four Star
 FARMINGTON OPERATING UNIT
 DENVER DIVISION
 DENVER, COLORADO

Acq: New Mexico Gen. W.
 San Juan Co., NM
 description: Oilfield, geophysical - Dakota
 Sec. 36, T31N / R12W

DATE	4/98	BY	SCALE	1" = 1/4	REVISION
INTERVIEW	10/01	SCALE	1" = 1/4	REVISION	

WELLEX

INDUCTION • ELECTRIC LOG

COMPANY TEXACO INC.

WELL STATE OF NEW MEXICO UNIT

FIELD BASIC DAKOTA (BLAND M.D.)

COUNTY SAN JUAN STATE NEW MEXICO

Location 1190 FT X 1100 FEET

Other Services:

COMPANY _____
WELL _____
FIELD _____
County _____ State _____

Sec. 36 Twp. 31N Rge. 24E

Permanent Datum Ground level Elev. 5885

Log Measured From Kelly Bunkies Ft. Above Perm. Datum

Drilling Measured From _____

Elev.: K.B. 5887
D.F. 5887
G.I. 5888

Date 8-6-64

Run No. 0226

Depth-Driller 5100

Depth-Well 5100

Btm. Log Inter. 5095

Top Log Inter. 623

Casing-Driller 856 @ 623

Casing-Well 776 @ 623

Bit Size 7 7/8

Type Fluid in Hole Water

Dens. | Visc. 9.1 | 52

pH | Fluid Loss 9.5 | 96 ml

Source of Sample circulated

R_m @ Meas. Temp. 4.4 @ 97°F

R_{mf} @ Meas. Temp. 2.4 @ 97°F

R_{mc} @ Meas. Temp. 383 @ 86°F

Source R_{mt} R_{mc} measured

R_m @ BHT 356 @ 123°F

Time Since Circ. 4 hr

Max. Rec. Temp. 23°F @ 5100

Equip. | Location 4000 FARM

Recorded By S.K. Slocum

Witnessed By James G. Gresham

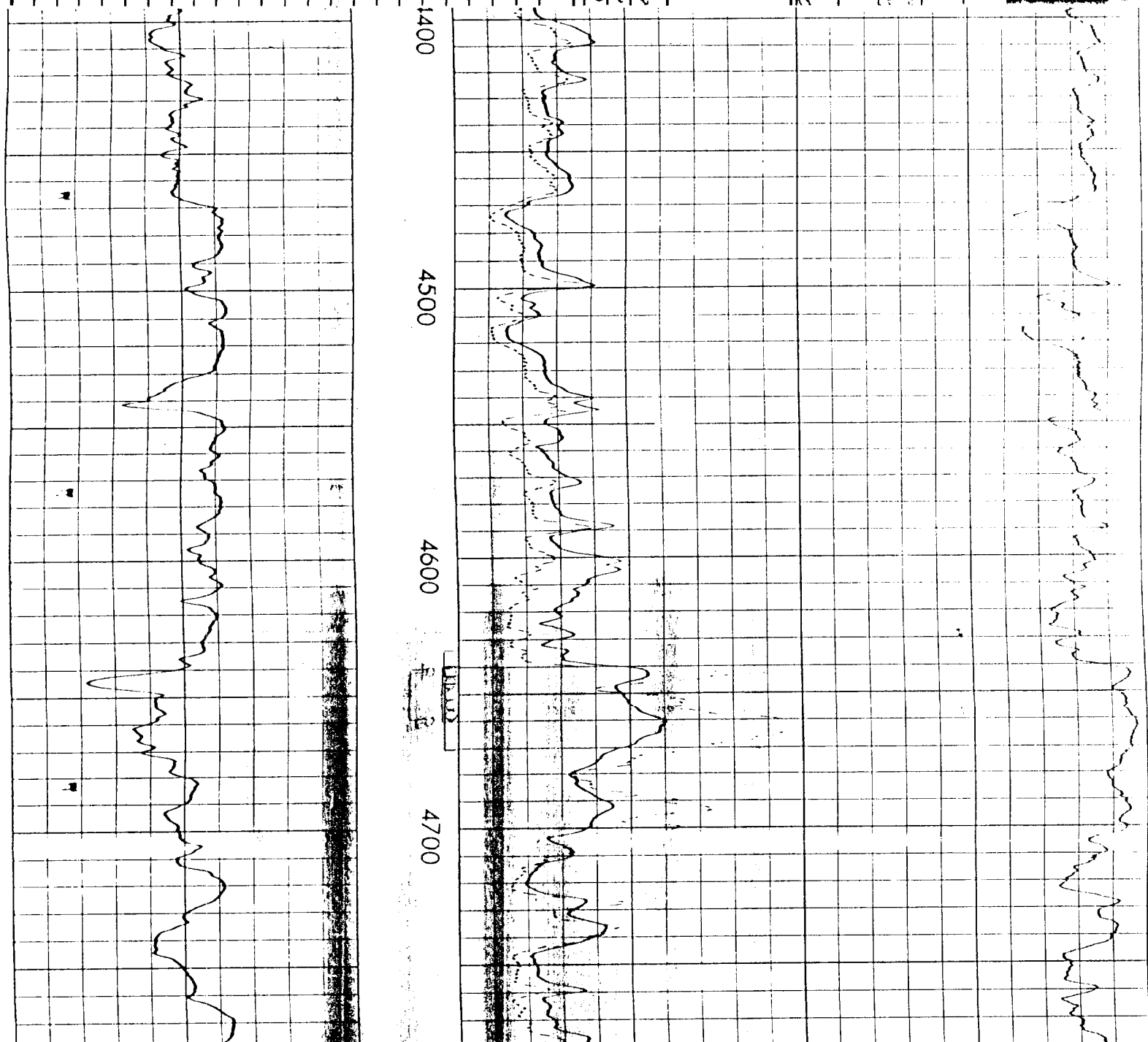
1400

4500

4600

4700

HEAD



WEILEX

ACOUSTIC VELOCITY LOG

COMPANY	TEXACO, INC.		
WELL	STATE OF NEW MEXICO GAS UNIT "M"		
FIELD	BASIN DAKOTA (BLANCO M.D.)		
COUNTY	SAN JUAN STATE NEW MEXICO		
Location	1190 FNL - 1190 FNL		
Sec.	26	Twp	31N
Range	12W		
Other Services:			

Permanent Datum	GROUND LEVEL	Elev.	5885
Log Measured From	R.A.B.	Ft. Above Perm. Datum	
Drilling Measured From	R.A.B.		

Elev.: K.B. 599'
D.F. 5996
G.L. 5885

Date	8-15-64	Run No.	Two
Depth—Drilling	6980	Depth—Welex	6980
3m. Log Inter.	6980	Top Log Inter.	580
Casing—Driller	8 5/8 @ 623	Casing—Welex	643
Bit Size	7 7/8	Type Fluid	HEM
Dens.	9.2	Visc.	77
pH Fluid Loss		ml	
Source of Sample	FLUID LOSS		
R _m @ Meas. Temp.	3.6 @ 85°F	@	%
R _{mt} @ Meas. Temp.	2.6 @ 85°F	@	%
R _{mt} @ Meas. Temp.	2.4 @ 80°F	@	%
Source R _{mt} R _{mt}	MEASURED	@	%
R _m @ BHT	@	@	%
Time Since Circ.			
Max. Rec. Temp.	% @	% @	% @
Equip. Location	FORN		
Recorded By	G. E. A. 2312		
Witnessed By	M. R. GUENTHER		

