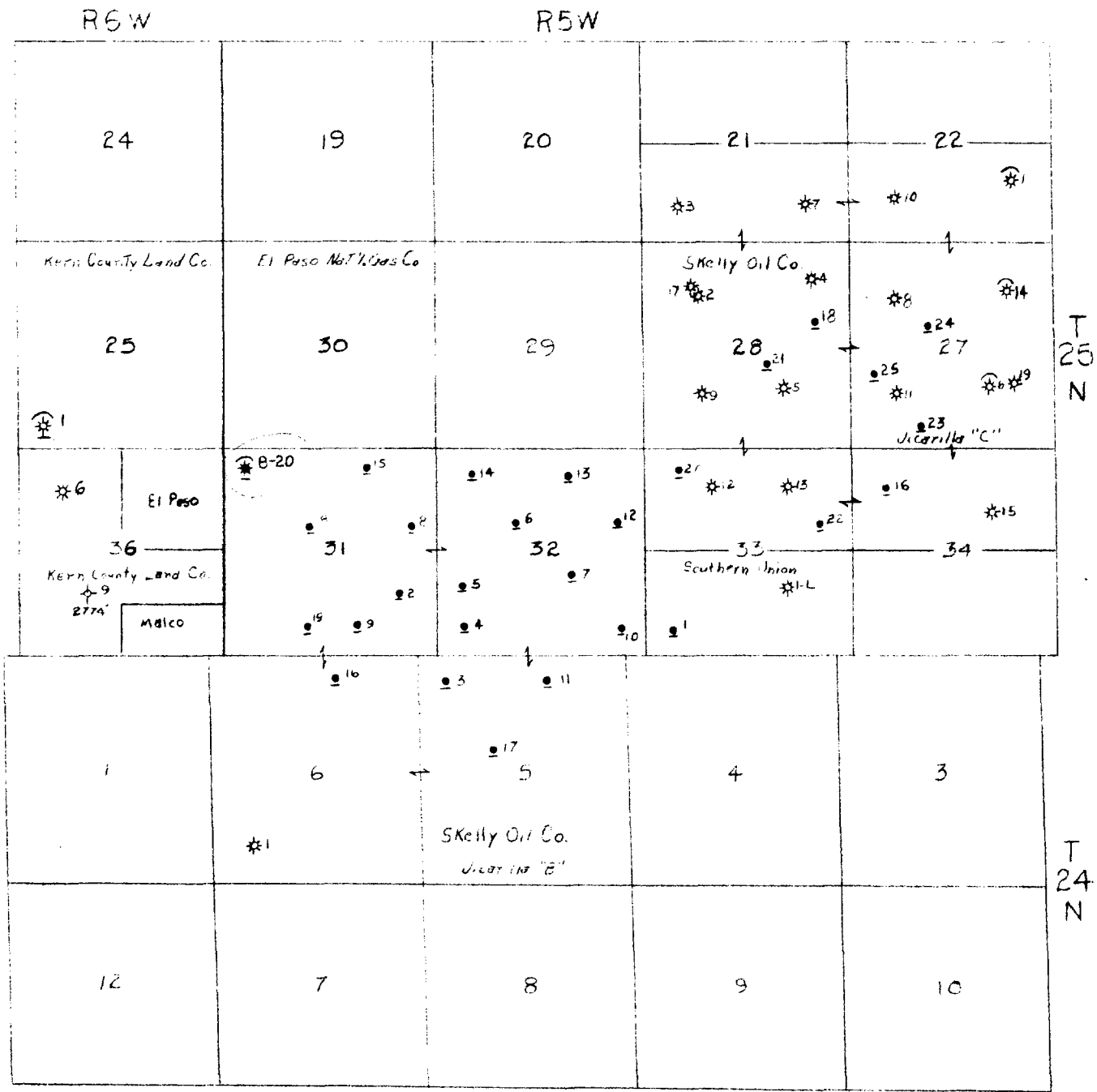


RIO ARriba COUNTY
NEW MEXICO

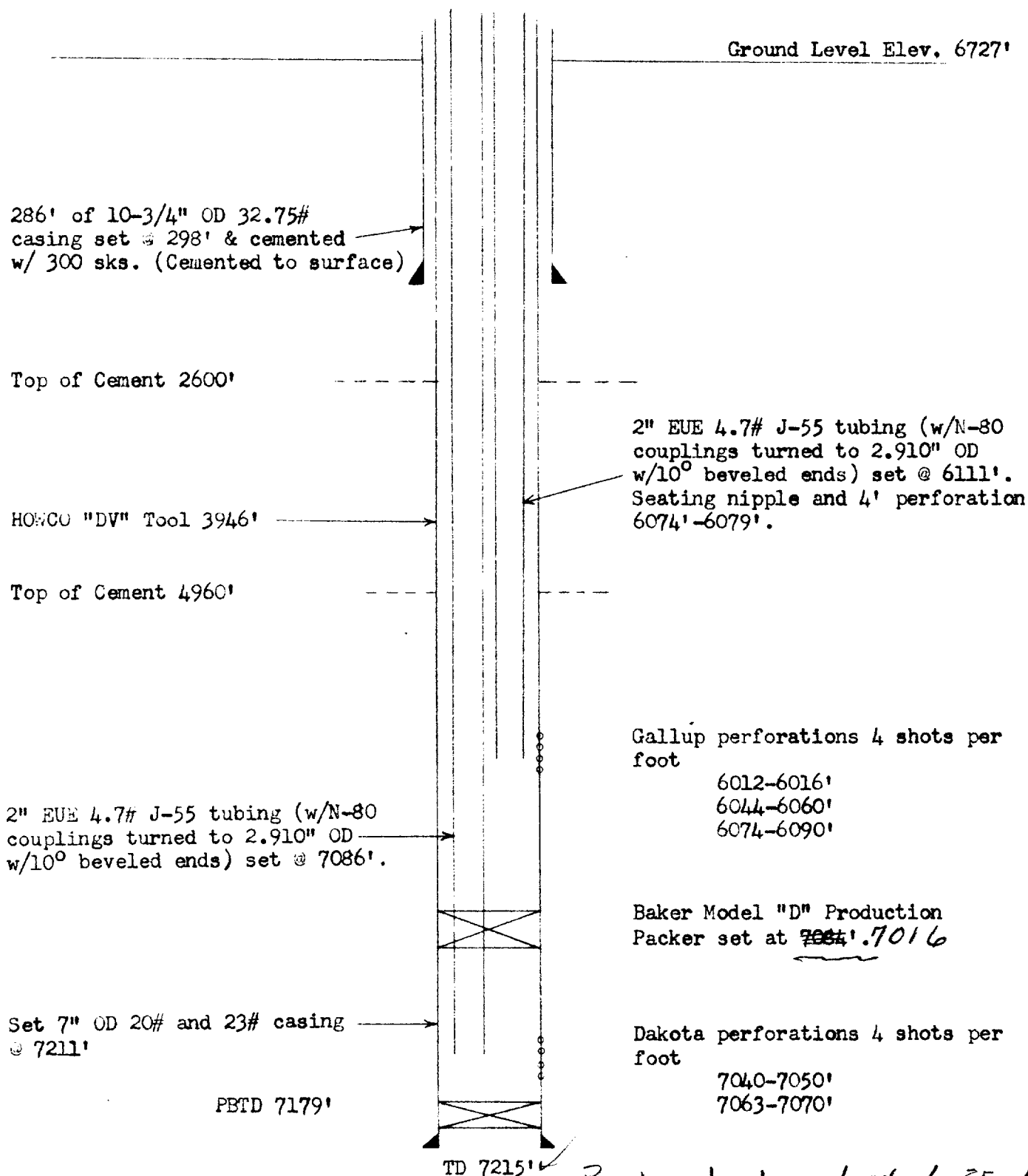
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Shelly EXHIBIT NO. 1
CASE NO. 1727



SKELLY OIL COMPANY
Jicarilla "B" No. 20
NW/4 NW/4 31-25N-5W
Rio Arriba County, N. M.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Skelly EXHIBIT NO. 2
CASE NO. 1727

Reference Point KB Elev. 6737'



Packer Leakage test 6-25-59
to 6-30-59

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 1727

Oil Property: Kelly Oil Company
Lease: Jicarilla
County: Rio Arriba
Location: Gallup, New Mexico

Well No. 31
Type of Prod. Oil
Flow: Flow
Tbg. Tbg.
Date: 6-18-59
Time: 8:00 AM
Length of time shut-in: 7 days
SI press. 1337#
Date: 6-17-59
Time: 4:00 PM
Length of time shut-in: 8 days
SI press. 2307#

Time (hour, date)	Lapsed time since*	Pressure (Upper Compl. / Lower Compl.)	Prod. Zone Temp.	Remarks
9:45 AM 6-25	15 min.	1353 / 750		
10:1 AM 6-25	30 min.	1358 / 685		
10:15 AM 6-25	45 min.	1360 / 634		
10:30 AM 6-25	1 hour	1360 / 613		
11:30 AM 6-25	2 hours	1361 / 564		
12:30 PM 6-25	3 hours	1360 / 555		

Production rate during test
Oil: 6.983 BOPD based on 0.69 GOR
Gas: 3/4" choke
MCFPD; Tested thru (Orifice or Meter):

Upper Hour, date 8:00 AM
Lower Hour, date 12:30 PM
Length of time shut-in 11 days
SI press. 1408
Length of time shut-in 93 hours
SI press. 2264

Time (hour, date)	Lapsed time since **	Pressure (Upper Compl. / Lower Compl.)	Prod. Zone Temp.	Remarks
11:30 AM 6-29	1 hour	185 / 2271		Flowed through 1" choke
2:30 PM 6-29	4 hours	355 / 2277		from 9:30 AM to 11:30 AM
10:00 AM 6-30	2 1/2 hours	215 / 2293		Flowed through 2 1/4" choke
10:30 AM 6-30	2 1/2 hours	214 / 2293		from 11:30 AM 6-29 to 10:30 AM 6-30-59

Production rate during test
Oil: 231 BOPD based on 231 GOR 1315
Gas: 304 MCFPD; Tested thru (Orifice or Meter): Orifice meter on Hole well
Checker

REMARKS:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.
Operator Kelly Oil Company
Approved: Benjamin Strickling, Jr.
By Benjamin Strickling, Jr.
Title Production Engineer
Date June 30, 1959

ILLEGIBLE

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Induction-Electrical Log

COUNTY <u>RIO ARRIBA, NEW MEX.</u> FIELD or LOCATION <u>OTERO</u> WELL <u>JICARILLA "B" #20</u> COMPANY <u>SKELLY OIL COMPANY</u>	COMPANY <u>SKELLY OIL</u> COMPANY _____ WELL <u>JICARILLA "B" #20</u> FIELD <u>OTERO</u> LOCATION <u>SEC. 31-25N-5W</u> COUNTY <u>RIO ARRIBA</u> STATE <u>NEW MEXICO</u>	Other Surveys <u>SL</u> Location of Well <u>790' FR N/L</u> <u>790' FR W/L</u> <u>SEC. 31-25N-5W</u> Elevation: D.F.: <u>6736</u> K.B.: <u>6737</u> or G.L.: <u>6727</u>
	FILING No. _____	

RUN No.	ONE	BEFORE EXAMINER UTZ OIL CONSERVATION COMMISSION <i>Skelly</i> EXHIBIT NO. <u>7</u> CASE NO. <u>1727</u>
Date	5-25-59	
First Reading	7209	
Last Reading	298	
Feet Measured	6911	
Csg. Schlum.	298	
Csg. Driller	298	
Depth Reached	7215	



Sonic Log

COUNTRY RIO ARRIBA, NEW MEX
FIELD or LOCATION OTERO
WELL JICARILLA "B"
COMPANY SKELLY OIL COMPANY

COMPANY SKELLY OIL COMPANY
WELL JICARILLA "B" #20
FIELD OTERO
LOCATION SEC. 31-25N-5W
COUNTY RIO ARRIBA
STATE NEW MEXICO

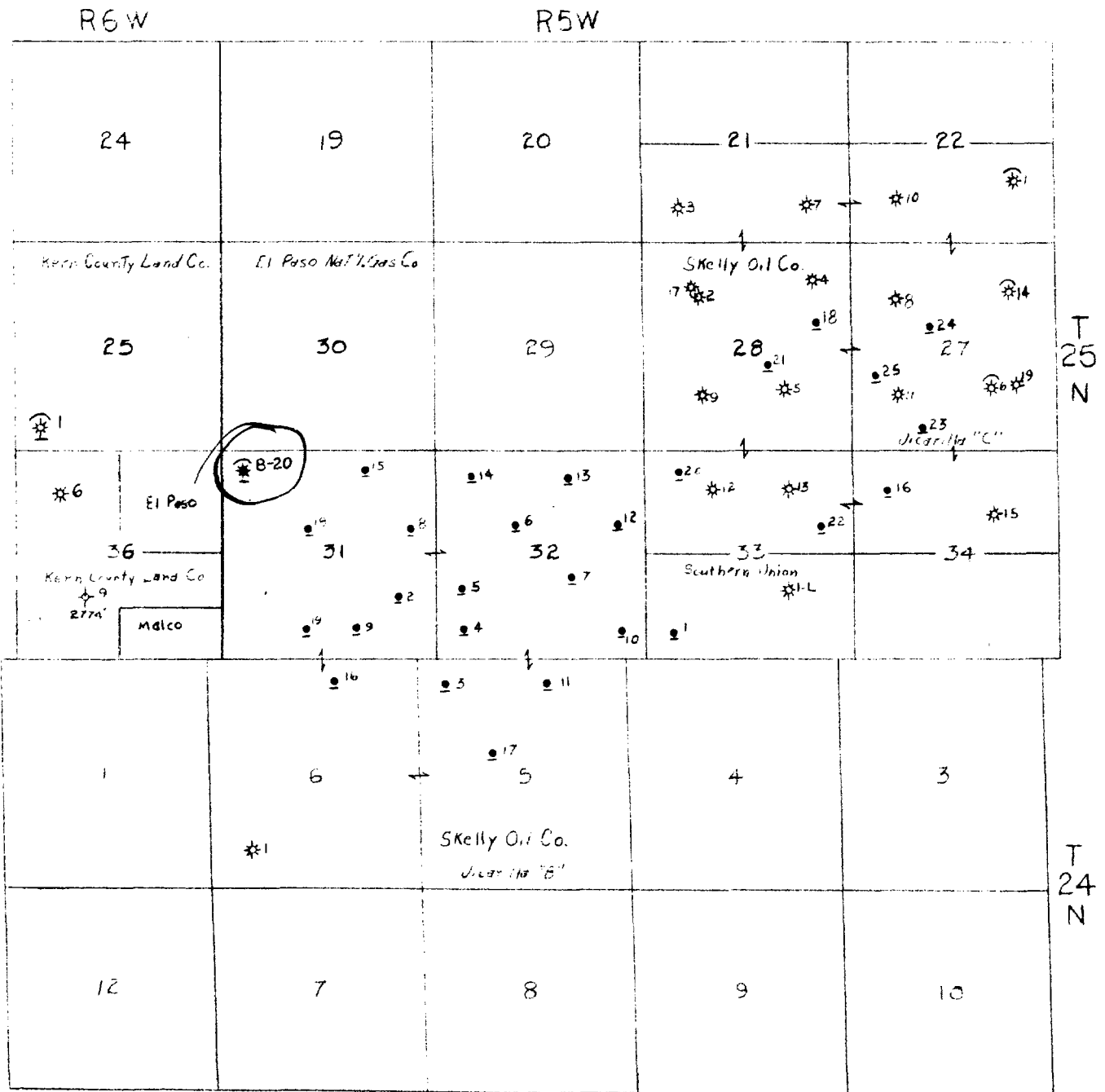
Other Surveys
I-ES
Location of Well
790' FR N/L
790' FR W/L
SEC. 31-25N-5W
Elevation: K.B.: 6737
D.F.: 6736
or G.L.: 6727

Log Depths Measured From KB 10 Ft. above GL

RUN No.	ONE
Date	5-25-59
First Reading	7212
Last Reading	2600
Feet Measured	2312
Csg. Schlum.	--
Csg. Driller	298
Depth Reached	7215
Bottom Driller	7215
Mud Nat.	GEL-OIL-CHEM.
Dens.	9.8 @ 85
Mud Resist.	2.4 @ 72 °F
" Res. BHT	1.1 @ 150 °F
" pH	10.0 @ F.L. °F
" Wtr. Loss	5.4 CC 30 min
" Rmf C	0.9 @ 150 °F
Bit Size	9"
Span:	3'
DUAL RCVR.	ID To 2600 To To
Opr. Rig Time	1 1/2 HRS.
Truck No.	2517 FARM.
Recorded By	MATTHEWS
Witness	MR. BOTKIN & MR. BERRY

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Heely EXHIBIT NO. 5
CASE NO. 1127

RIO ARRIBA COUNTY NEW MEXICO



SKELLY OIL COMPANY

Jicarilla "B" No. 20

NW/4 NW/4 31-25N-5W

Rio Arriba County, N. M.

Reference Point KB Elev. 6737'

Ground Level Elev. 6727'

286' of 10-3/4" OD 32.75# casing set @ 298' & cemented w/ 300 sks. (Cemented to surface)

Top of Cement 2600'

HOWCO "DV" Tool 3946'

Top of Cement 4960'

2" EUE 4.7# J-55 tubing (w/N-80 couplings turned to 2.910" OD w/10° beveled ends) set @ 6111'. Seating nipple and 4' perforation 6074'-6079'.

Gallup perforations 4 shots per foot

6012-6016'
6044-6060'
6074-6090'

2" EUE 4.7# J-55 tubing (w/N-80 couplings turned to 2.910" OD w/10° beveled ends) set @ 7086'.

Baker Model "D" Production Packer set at 7084'.

Set 7" OD 20# and 23# casing @ 7211'

Dakota perforations 4 shots per foot

7040-7050'
7063-7070'

PBTD 7179'

TD 7215'