

APPLICATION FOR MULTIPLE COMPLETION

Union Texas Petroleum Corp.		San Juan	February 17, 1987
Operator		County	Date
375 US Highway 64, Farmington		Haynie	2M
Address		Lease	Well No.
E	4	30N	11W
Location of Well	Unit	Section	Township
			Range

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 Mesaverde		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	4550-4730		6684-6788
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 2085 0	0 2411 0	

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 Robert C. Frank Title Permit Coordinator Date 2/17/87

(This space for State Use)

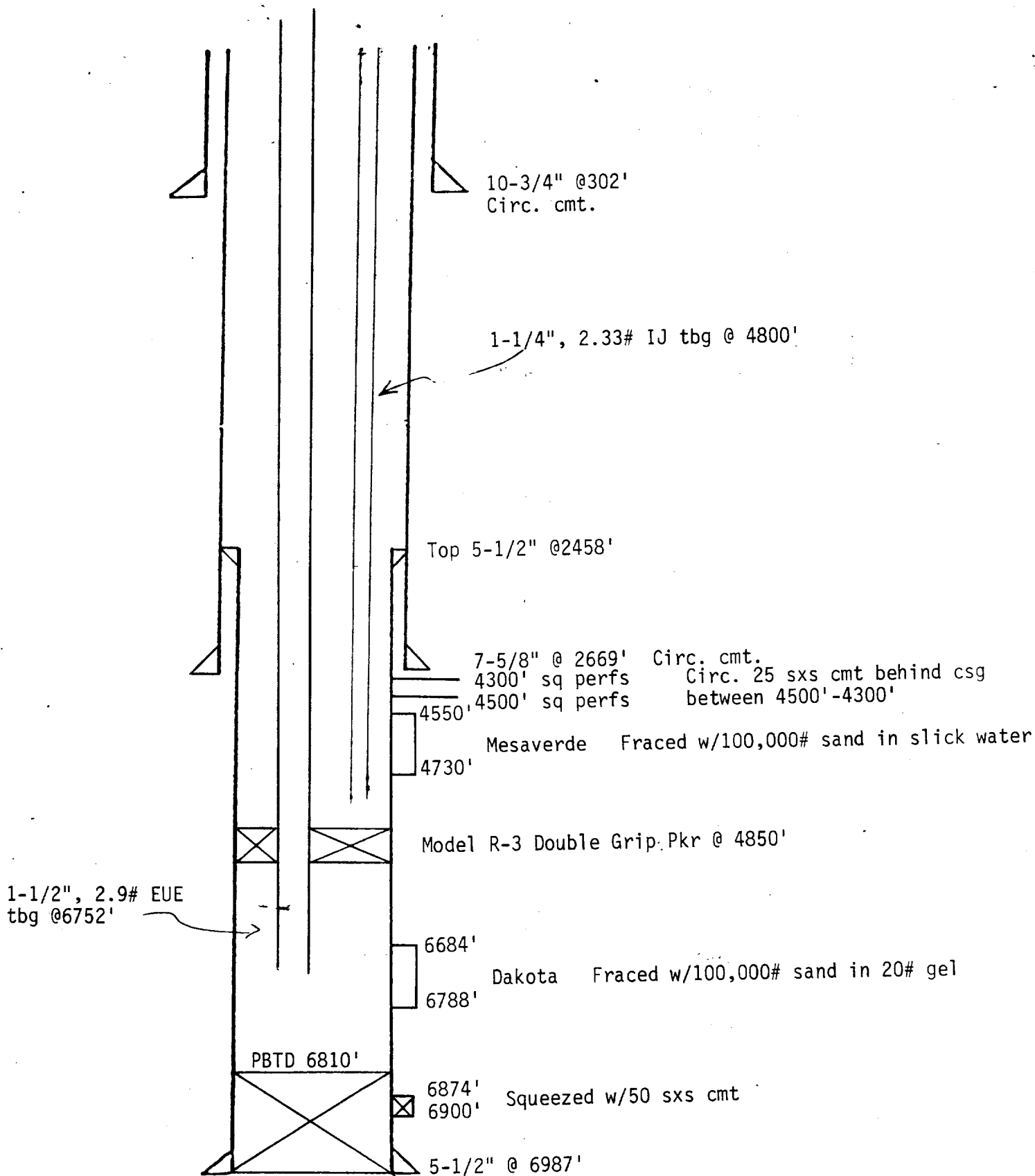
Approved By [Signature] Title Permit Coordinator Date 2/17/87

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.

WELL BORE DIAGRAM FOR

Haynie #2M

1850' FNL; 870' FWL
Section 4, T30N-R11W
San Juan County, NM



HEATON COM BLS #17 1-1962 0/3447/0(F) 0.0/0(TA) 0.8/454 32 YEAGER COM A #1 6-1963 0/2300/0(F) 0.4/38(A) 0.9/66 Tenneco	HEATON COM B #3E 1-1964 0/1578/0(F) 0.7/150(A) 0.5/95 HEATON COM B #3 3-1962 0/2671/0(F) 2.8/298(A) 4.3/419 33 MYRA CUMMINS #1 1-1963 0/1948/0(F) 0.0/18(A) 1.8/407 2.0/410 Beta Develop.	34 Meridian
RHODA ABRAMS #2 10-1962 0/1402/0(F) 0.0/24(A) 2.0/405 2.0/460 05 Beta Develop. RHODA ABRAMS #1 NA 0/2277/0(F) 0.0/0(PA) 1.8/231	HAYNIE #2 11-1960 0/1026/0(F) 0.2/48(A) 0.8/217 1.0/575 UTPC HAYNIE #2 04 Union Texas Pet. (N/2) Beta Develop. (S/2) ONA WAGET #1 11-1961 0/2464/0(F) 0.0/40(A) 2.4/1051 2.4/1160	ZELLA CALLOWAY #1 12-1962 0/2864/0(F) 0.1/31(A) 1.8/938 03 Beta Develop. ESTER BANDY #1 8-1962 0/2398/0(F) 0.0/0(PA) 1.8/813
08 GLENN SWIRE #1 3-1962 0/3834/0(F) 0.2/62(A) 5.0/722 HELEN HARTMAN #1 6-1962 0/2732/0(F) 0.1/14(A) 9.1/508	FAYE BURDETTE #1 1-1963 0/1927/0(F) 0.3/43(A) 2.4/723 09 SAM COOLEY #1 6-1962 0/2572/0(F) 1.0/71(A) 11.1/997	HAMPTON D #1 3-1962 0/2293/0(F) 0.1/43(A) 0.7/576 10 MARY SHEPHERD #1 NA 0/1797/0(F) 0.0/0(PA) 0.9/347

PRODUCTION DATA

WELLNAME

FIRST PRODUCTION DATE (MONTH-YEAR)

IP OIL(BOPD)/GAS(MCFGPD)/WATER(BWPD) (METHOD)

85 AVG. OIL(BOPD)/GAS(MCFGPD) (STATUS)

CUM OIL(MBO)/GAS(MMCFG) - THROUGH 5/1/86

EST ULT. RESERVES OIL(MBO)/GAS(MMCFG)

-FROM D.J. MENTOCK

▲ PROPOSED LOCATION

UNION TEXAS PETROLEUM

SAN JUAN BASIN

LESTER AREA

San Juan County, New Mexico

BASIN DAKOTA (PRORATED GAS)

SCALE IN FEET



WESTERN REGION

GEOLOG. DATE ENG. DATE LAND DATE WELLS

R11W

HEATON COM #9 5-1957 0/1574/0(F) 0.0/80(A) 0.6/989 32 HEATON LS #3 8-1953 0/1825/0(F) 0.0/10(A) 0.3/499 Tenneco	HEATON LS #8A 7-1981 NO FLOW 0.4/143(A) 1.0/291 HEATON #1 8-1957 0/4958/0(F) 0.0/78(A) 0.1/1137 0.1/1435 33 C&E Oper. HEATON #1A 8-1978 0/3523/0(F) 0.0/186(A) 0.3/782 0.3/1490	TURNER A LS #1A 7-1981 0/1445/0(F) 0.7/225(A) 1.8/541 CALLOWAY LS #2 7-1957 0/4281/0(F) 0.4/77(A) 1.2/1122 TURNER A LS #1 8-1957 0/4210/0(F) 0.0/85(A) 0.4/1050 34 Meridian
CEE #5 7-1980 0/2846/0(F) 1.0/175(A) 1.5/408 2.8/1090 C&E Oper. (N/2) Tenneco (S/2) 05 STOREY B LS #3 2-1957 0/4771/0(F) 0.0/53(A) 0.2/739	HAYNIE #2 11-1980 0/2283/0(F) 0.1/55(A) 0.6/340 1.0/1000 Union Texas Pet. (N/2) UTPC HAYNIE #2 04 CEE #4A 1-1984 0/4217/0(F) 1.4/320(A) 1.1/258 2.8/1000 C&E Oper. (S/2) CEE #4 9-1980 0/5048/0(F) 1.1/272(A) 1.7/663 2.8/1600	LESTER #1A 9-1980 0/1952/0(F) 0.2/88(A) 0.5/280 Union Texas Pet. (N/2) LESTER #1 5-1975 0/3954/0(F) 0.2/108(A) 0.3/787 03 CEE #3A 8-1980 0/5892/0(F) 0.8/158(A) 1.9/566 C&E Oper. (S/2) CEE #3 9-1983 NA 1.4/209(A) 1.2/257
CEE #8A 1-1983 NO FLOW 0.7/205(A) 0.9/233 CEE #8 6-1982 NA 1.3/248(A) 1.5/375 08 AZTEC #8 6-1982 NA 0.4/95(A) 0.9/168	CEE #8Y 8-1982 NA 0.8/166(A) 1.2/271 CEE #8A 6-1982 0/7874/0(F) 0.5/231(A) 1.1/331 09 AZTEC #9 6-1982 NA 0.3/111(A) 1.0/301	HAMPTON #3A 8-1978 NA 0.1/68(A) 0.3/351 HAMPTON #3 10-1957 0/4528/0(F) 0.2/77(A) 0.8/1261 10

PRODUCTION DATA

WELLNAME

FIRST PRODUCTION DATE (MONTH-YEAR)

1 P OIL(BOPD)/GAS(MCFGPD)/WATER(BWPD) (METHOD)

85 AVG. OIL(BOPD)/GAS(MCFGPD) (STATUS)

CUM OIL(MBO)/GAS(MMCFG) - THROUGH 5/1/86

EST ULT. RESERVES OIL(MBO)/GAS(MMCFG)

-FROM D.J. MENTOCK

▲ PROPOSED LOCATION

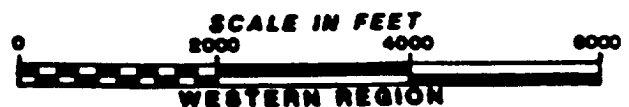
UNION TEXAS PETROLEUM

SAN JUAN BASIN

LESTER AREA

San Juan County, New Mexico

BLANCO MESAVERDE (PRORATED GAS)



GEARHART

INDUCTION ELECTRICAL LOG

FILING NO.

COMPANY UNION TEXAS PETROLEUM

WELL HAYLIE NO. 2M

FIELD BLANCO MESA VERDE/DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION:

1850' F N/L 870' F W/L

CDL/CHS/GRA

SEC 4 TWP 30N RGE 11W

Permanent Datum GL Elev. 5785
Log Measured from KB 12 Ft. Above Perm. Datum
Drilling Measured from KB Elev. KB
DF 5785
GL 5785

Date 11-4-86

Run No. One TWC. 11-13-86

Depth-Driller 2670 TWC. 7000

Depth-Logger 2641 TWC. 7001

Bottom Logged Interval 2639 TWC. 7000

Top Logged Interval 301 TWC. 2663

Casing-Driller 10 3/4 @ 301 TWC. 278 @ 2069

Casing-Logger 301 TWC. 2663

Bit Size 9 7/8, 12 1/4 TWC. 3/4

Type Fluid in Hole Chem Gel TWC. 3/4

Density 9.1 42 TWC. 3/4

pH Fluid Loss - - TWC. 3/4

Source of Sample Flowline TWC. 3/4

Rm @ Meas. Temp. 3.25 @ 51 °F TWC. 2.5 @ 56 °F

Rmf @ Meas. Temp. 2.93 @ 63 °F TWC. 3.3 @ 54 °F

Rmc @ Meas. Temp. 2.18 @ 63 °F TWC. 2.2 @ 57 °F

Source of Rmf H H TWC. H

Rm @ BHT - @ - °F TWC. - @ - °F

End Circulation 0130 HOURS TWC. 0000 HOURS

Logger on bottom 1230 HOURS TWC. 0930 HOURS

Max. Rec. Temp. Deg. F. 105 °F TWC. 70 °F

Log in Mud Type or Additional Samples

Scale Changes

Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Visc.	Run No.	Tool No.	Tool Type	Tool Position	S. O.	Gamma Ray Tool No
Fluid Loss	<u>One</u>	<u>5-111</u>	<u>6FF40</u>	<u>Free</u>	<u>1/2</u>	<u>4342</u>
Sample	<u>Two</u>	<u>5-111</u>	<u>6FF40</u>	<u>Free</u>	<u>-</u>	<u>4342</u>

CALIBRATION DATA

Run No.	S. N. Zero	S. N. Int. Cal.	Loop Cal.	Tool Zero	Int. Cal.	GAMMA RAY		
						API SCALE	BKG. CPS.	STD. C
<u>1T</u>								
<u>2T</u>								
<u>3T</u>								

SEE DIGITAL CALIBRATION
SEE DIGITAL CALIBRATION

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