LOBO PRODUCTION
R.E. Lauritsen & Gary Roberts
P.O. BOX 2364
FARMINGTON, NEW MEXICO 87499
TELEPHONE: (505) 327-0331

July 20, 1984

Mr. Joe Ramey
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Administrative Approval
Down Hole Commingling
SF 078818-A
A, Sec 15, T32N, R13W
#1 Scorpio
San Juan County, New Mexico

Dear Mr. Ramey:

Lobo Production is hereby requesting down hole commingling of the Gallup and Dakota in the above referenced well. Data from tests and reports are being submitted with this letter.

The interest owners (Royalty, Overriding Royalty, and working interest) are the same for both the Gallup and Dakota formations.

Enclosed you will find bottom hole pressure test data from the #1 Scorpio. Bottom hole pressures were as follows:

Gallup 4000'	1386 PSI
DAKOTA 4530'	928 PSI

The pressures fall within the 50% limitation and qualifies for commingling on that basis.

Northwest Energy is preparing deliverability studies on both the Gallup and Dakota zones. It is felt that the deliverability analysis would be the best data for the allocation of production from each zone.

The Dakota has made only dry gas during production tests and it is recommended that all oil production be allocated to the Gallup.

Surrounding mineral owners were notified by certified letter of the request for commingling. Production tests have indicated that it is not economically feasible to drill single zone wells in this area as the reserves from a single zone are not sufficient to "pay out" a well in a reasonable amount of time. Also both zones appear to be gas producers only with very little if any fluids.

If you need additional information or have any questions in regard to the data submitted, please feel free to contact me. Thank you for your consideration of this matter.

Respectfully submitted,

R E Lauritsen

R.E. Lauritsen
Partner

REL:ab

Enclosure

LOBO PRODUCTION
R.E. Lauritsen & Gary Roberts
P.O. BOX 2364
FARMINGTON, NEW MEXICO 87499
TELEPHONE: (505) 327-0331

July 20, 1984

#1 SCORPIO

A, Sec 15, T32N, R13W

San Juan County, New Mexico

Rule 303 C.2 Down Hole Commingling.

(a) Operator:
Lobo Production
P.O. Box 2364
Farmington, NM 87499

(b) Lease:
USA SF 078818-A
#1 Scorpio
A, Sec 15, T32N, R13W
San Juan County, New Mexico
Wildcat Gallup-Basin Dakota

(c) Plat:
Attached-Plat of acreage and offset leases

(d) Productivity Tests:
C-116 attached for Gallup and Dakota zones

(e) Production History:
No production history as it is a new completion. No decline curves because production history not available.

(f) Bottom Hole Pressures:
Bottom hole pressures as follows:

#1 Scorpio

Graneros-Dakota	4530'	928 PSI
Gallup-Mancos	4000'	1386 PSI
	3800'	1298 PSI (Mid Perfs)

(Per Tefteller, Inc., reports attached)

(g) Specific gravities of the oils are as follows:

The well has produced dry gas only from both zones. Very little if any liquid hydrocarbons are expected.

(h) If either zone makes fluid, commingling will eliminate problems in pumping the well. The ultimate recoverable reserves should not be diminished by commingling. Back pressure at the surface should be from 50-100 PSI during production which will keep bottom hole pressure well below formation pressures allowing hydrocarbon entry from both zones.

(i) Allocation of Production:

	AOF TEST	%
Gallup	265 MCF	36.60
Dakota	459 MCF	63.40
TOTALS	724 MCF	100%

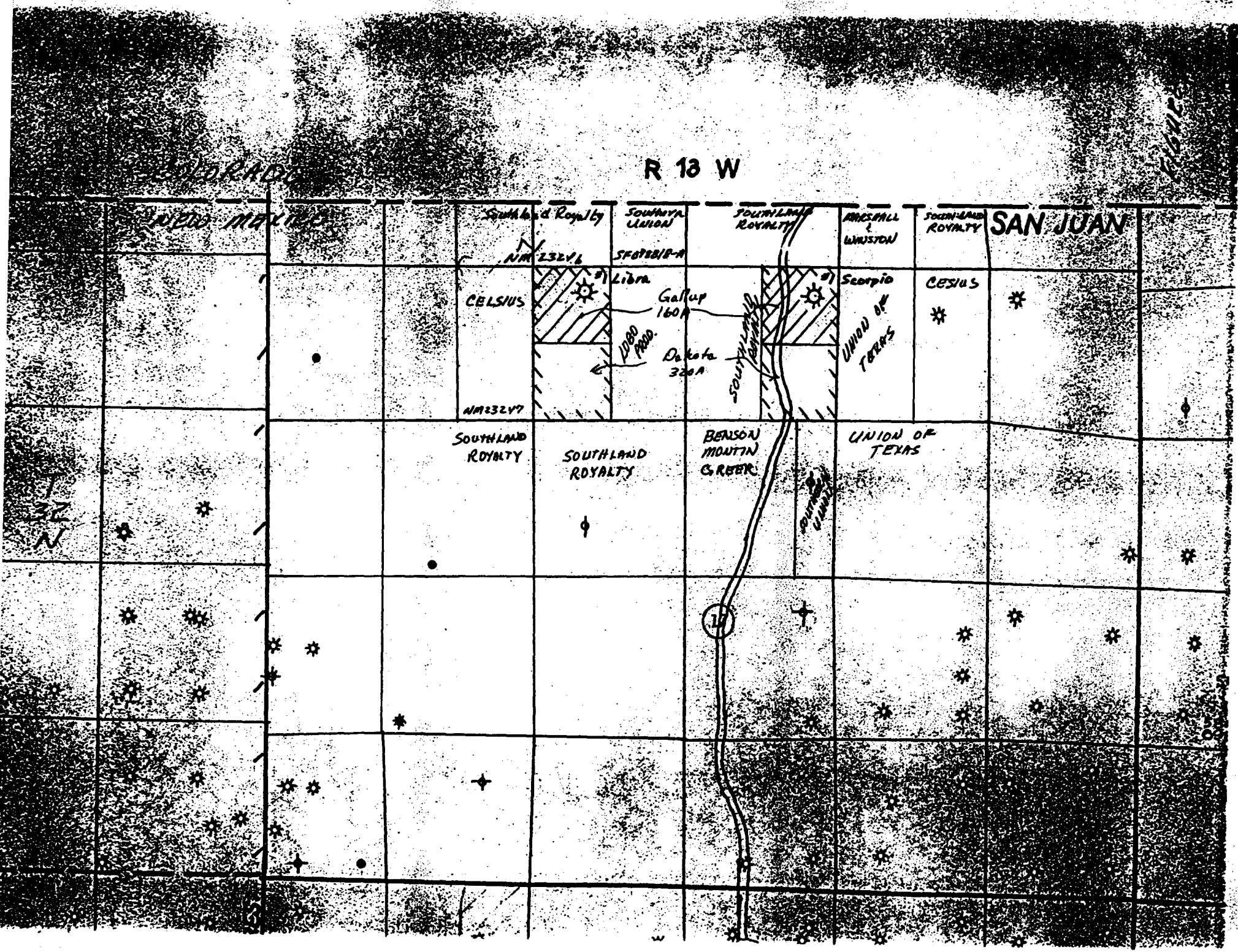
Northwest Energy will be purchasing the gas and will be preparing deliverability analysis which could be used for an allocation formula.

(j) Offset Operators:

All offset operators including the BLM were notified by certified letter on July 20, 1984 of Lobo Production's intention to commingled the Gallup and Dakota zones.

Prepared by:

R.E. Lauritsen


R 13 W
SAN JUAN
Southland Royalty
Southern Union
Southland Royalty
Marshall & Winston
Southland Royalty
NM 23247
SF 078818-A
Libra
Gallup 160A
Dakota 320A
Lobo Prod.
Scorpio
Union of Texas
Celsius
NM 23247
Southland Royalty
Southland Royalty
Benson Mouton Greer
Union of Texas
T 32 N
14

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date	
Company: LOBO PRODUCTION		Connection		
Pool: WILDCAT ~~GALLUP~~		Formation: GALLUP		Unit
Completion Date	Total Depth	Plug Back TD: 4406	Elevation	Farm or Lease Name: SCORPIO
Csg. Size: 5 1/2 / Wt. / d / Set At		Perforations: From To		Well No.: 1
Tbg. Size: 1 1/4 / Wt. / d / Set At		Perforations: From 2530 To 4381		Unit: Sec. 15 Twp. 32 Rge. 13
Type Well – Single – Bradenhead – G.G. or G.O. Multiple		Packer Set At: 4406		County: SAN JUAN
Producing Thru	Reservoir Temp. °F: 0	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0	State: NEW MEXICO
L / H / Gg / % CO_2 / % N_2 / % H_2S			Prover: 6" POS.	Meter Run: CHOKE / Taps

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					660		658		
1.	2" X 3/4"				11	60	100		3 HR.
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	*						260
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 672 P_c^2 451584

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		112	12544	439040
2.				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0286$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0214$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 265$

Absolute Open Flow 265 Mcfd @ 15.025 | Angle of Slope θ 53.13 | Slope, n .75

Remarks: * ORFICE WELL TESTER RATE

Approved by Commission:	Conducted By:	Calculated By:	Checked By:

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator LOBO PRODUCTION Lease SCORPIO Well No. 1

Location Unit ____ Sec. 15 Twp. 32 Rge. 13 County SAN JUAN

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	WILDCAT GALLUP	GAS	FLOW	TBG.
Lower Completion	BASIN DAKOTA	GAS	FLOW	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	7-1-84	9 DAYS	635	YES
Lower Completion	7-1-84	9 DAYS	813	YES

FLOW TEST NO. 1

Commenced at (hour, date)* 10:00 7-10-84 Zone producing (Upper or Lower): LOWER

TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Completion	PRESSURE Lower Completion	PROD. ZONE TEMP.	REMARKS
10:15	15 min	647	14		
10:30	30 "	647	49		
10:45	45 "	647	43		
11:00	1 HR.	646	37		
12:00	2 HRS.	644	26		
1:00	3 HRS.	644	21		

Production rate during test

____ BOPD based on ____ Bbls. in ____ Hours. ____ Grav. ____ GOR ____

____ MCFPD; Tested thru (Orifice or Meter): ____

MID-TEST SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	7-1-84		660	YES
Lower Completion	7-10-84		774	YES

(Continue on reverse side)

FLOW TEST NO. 2

enced at (hour, date)** 9:15 7-14-84 Zone producing (Upper or Lower): UPPER

TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE Upper Completion	PRESSURE Lower Completion	PROD. ZONE TEMP.	REMARKS
9:30	15 min	120	774		
9:45	30 min	86	775		
10:00	45 min	67	776		
10:15	1 Hr.	52	778		
11:15	2 Hrs.	20	779		
12:15	3 Hrs.	11	779		

uction rate during test

_____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

_____ MCFPD: Tested thru (Orief ce or Meter): _____

arks: _____

eby certify that the information herein contained is true and complete to the best of my knowledge.

oved _____ 19____ Operator _____

w Mexico Oil Conservation Division

By _____

_____ Title _____

_____ Date _____

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

packer leakage test shall be commenced on each multiply completed well within ays after actual completion of the well, and annually thereafter as prescribed by the uthorizing the multiple completion. Such tests shall also be commenced on all e completions within seven days following recompletion and/or chemical or frac- eatment, and whenever remedial work has been done on a well during which the or the tubing have been disturbed. Tests shall also be taken at any time that com- ition is suspected or when requested by the Division.

least 72 hours prior to the commencement of any packer leakage test, the operator otify the Division in writing of the exact time the test is to be commenced. Offset ors shall also be so notified.

e packer leakage test shall commence when both zones of the dual completion are for pressure stabilization. Both zones shall remain shut-in until the well-head e in each has stabilized, provided however, that they need not remain shut-in more ven days.

Flow Test No. 1, one zone of the dual completion shall be produced at the normal production while the other zone remains shut-in. Such test shall be continued for ays in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on al packer leakage test, a gas well is being flowed to the atmosphere due to the lack peline connection the flow period shall be three hours.

lowing completion of Flow Test No. 1, the well shall again be shut-in, in accor- with Paragraph 3 above.

w Test No. 2 shall be conducted even though no leak was indicated during Flow . 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: ☑ Initial ☐ Annual ☐ Special			Test Date: 7-10-84	
Company: LOBO PRODUCTION	Connection:			
Pool: BASIN DAKOTA	Formation: DAKOTA		Unit:	
Completion Date:	Total Depth:	Plug Back TD: 4628	Elevation:	Farm or Lease Name: Scoapio
Csg. Size: 5 1/2 / Wt. / d / Set At:		Perforations: From 4625 To 4445		Well No.: 1
Tbg. Size: 2 3/8 / Wt. / d / Set At: 4438		Perforations: From To		Unit: I / Sec.: 15 / Twp.: 32 / Rge.: 13
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: DUAL G.G.		Packer Set At: 4406		County: SAN JUAN
Producing Thru: TBG	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12.0	State: N.M.
L / H	Gg: .650 EST.	% CO_2 / % N_2 / % H_2S	Prover: 6" POS.	Meter Run: CHOKE NIPPLE / Taps:

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	9 DAY				813		PKR		
1.					21				
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	11.00		33	1.000	1.240	1.000	450
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_t 625 P_c^2 680 625

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1			17776	1.62849
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0268$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0200$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 459$

Absolute Open Flow 459 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	RICHARD HOUSH	NEIL TEETZLER	

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Page 1 of _____
File _____

INDIVIDUAL WELL DATA SHEET

npany LOBO PRODUCTION Lease SCORPIO Well No. 1

·ld BASIN DAKOTA County SAN JUAN State NEW MEXICO

mation DAKO Test Date 7-10-84

vation _____ Feet _____
um _____ Feet Subsea
al Depth 4628 PBTD Feet
forations 4445 - 4625 Feet
ing Size 2 3/8 Inches to 4438 Feet
ing Size 5½ Inches to 4628 Feet
ker 4406 Feet
tom Hole Choke NONE Feet
imum Safe Test Depth 4400 Feet
er: NONE

Casing Pressure 647 Psig
Tubing Pressure 813 Psig
Oil Level NONE Feet
Water Level NONE Feet
Temperature 151 °F at 4400 Feet
Atmospheric Temperature 80 °F
Amerada Element Number 44537
Element Range 0-3000 Psi
Operator RICHARD Unit No. P-219

l Status SHUT IN 9 DAYS (7-1-84)

E	DEPTH FEET	DEFL. INCHES	TEMP. °F	DEFL. CORR. LBS/INCH	PRESSURE PSIG	CORR. PRESSURE PSIG	DIFF. PSI	DIFF. FEET	GRADIENT PSI PER FOOT
	0	535			813				
	2000	568			863		50	2000	0.025
	4000	601			913		50	2000	0.025
	4200	605			920		5	2000	0.025
	4400	608.5			925		5	2000	0.025
	4530	MID-PERFS			928		3	130	0.025

sure: _____ Psig at Subsurface Datum Depth: _____ Feet

Test Date: _____ Last Pressure: _____ @: _____ Feet/Change: _____ Psi

rks:

DUAL COMPLETION - (GALLUP/DAKOTA)

Sheet No. 2

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Page ____ of ____

File ____

Company LOBO PRODUCTION Lease SCORPIO Well No. 1 Element No. 44537 Range 0-3000
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO Clock 4788 Rotation SUR.
Formation DAKOTA Elevation ____ Datum ____ P. I. Depth 4400 Unit No. P-219 Operator RICHARDSON

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

Date	Status of Well	Time	Elapsed Time Hrs.	Elapsed Time Min.	Tank No.	Tank Gauge Ft.	Tank Gauge In.	Interval Prod. In.	Interval Prod. Bbls.	Daily Rate Oil B/D	Daily Rate Gas MCF/D	Wellhead Pressure Tbg	Wellhead Pressure Csg	BHP @ ____ Ext: In.	BHP @ ____ Ext: Psig
7/10/84	A.O.L. SHUT IN 9 DAYS	08:15										DAKOTA	GALLUP		
	RUN STATIC GRADIENT											—	—		
	TRAVERSE @ 4400'	09:00										—	—		
	OPEN WELL TO FLOW											—	—		
	THRU 3/4" x 6" x 2" CRITICAL FLOW	10:00										813	635		
	INCLUDE 3 HR A.O.F. & PACKER TEST	10:00	0	00								—	—		
	*	10:15	0	15							1173	74	647		
		10:30	0	30							832	49	647		
		10:45	0	45							750	43	647		
		11:00	1	00							668	37	646		
		11:30	1	30							587	31	645		
		12:00	2	00							518	26	644		
		13:00	3	00							450	21	644		
	SHUT WELL IN	13:04	0	60											

Bbls/Inch ____ Tank Size ____ Separator Pressure ____ psig at ____ °F Water Production ____ B/D

Remarks: * DRY GAS THRU OUT TEST.

Sheet No. _____

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Company Labo Production Lease Scorpio Well No. #1 Element No. _____ Range _____

Field Wild cat County San Juan State New Mexico Unit No. P-222 Operator Steve Bain

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

Date	Status of Well	Time	Elapsed Time Hrs.	Min.	√ ET	ΔP	Wellhead Pressures Tbg.	Csg.	Dakota ~~Ext.~~ Tbg.	BHP Psig @ RD	Datum
7/13/84	AOL Shut in	08 :40					Gauge		DAKOTA		
	Rig up	:									
		:									
	Open Well	9 :15	0	00			660	658	774		
		9 :30	0	15			120	522	774		
		9 :45	0	30			86	410	775		
		10 :00	0	45			67	328	776		
		10 :15	1	00			52	260	778		
		11 :15	2	00			20	148	779		
		12 :15	3	00			11	100	779		
		:									
		:									
		:									
		:									
		:									
		:									
		:									
		:									
		:									
		:									
		:									
		:									
		:									

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Well : SCORPIO NO. 1 Page 1 of 3

Field : File 2-15547-BU

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1984 Date	Status of Well	Time	Elapsed Time Hrs.	Min.	Wellhead Pressure Tbg	Csg	BHP @ 4500' Psig
6-9	Arrived on location						
"	flowing	21:45			*	TSTM	
"	Tagged bottom 4554'						
"	Tandem instruments @						
"	4500'	22:30					58
"	"	23:00					58
"	Shut-in for build up	23:00	0	00			
"	"	23:06	0	06			83
"	"	23:12	0	12			99
"	"	23:18	0	18			118
"	"	23:24	0	24			136
"	"	23:30	0	30			155
"	"	23:36	0	36			172
"	"	23:42	0	42			188
"	"	23:48	0	48			203
"	"	23:54	0	54			217
6-10	"	00:00	1	00			231
"	"	00:15	1	15			265
"	"	00:30	1	30			296
"	"	00:45	1	45			322
"	"	01:00	2	00			343
"	"	01:30	2	30			386
"	"	02:00	3	00			424
"	"	03:00	4	00			484
"	"	04:00	5	00			527
"	"	05:00	6	00			572
"	"	06:00	7	00			610
"	"	07:00	8	00			642
"	"	08:00	9	00			676
"	"	09:00	10	00			705
"	"	10:00	11	00			727
"	"	11:00	12	00			748
"	"	12:00	13	00			763
"	"	13:00	14	00			773
"	"	14:00	15	00			777
"	**	14:30	15:30				787

*No tubing in well
**Pressure bled off on blowout preventer allowing 10' tubing sub to slip up to upset and collar on bottom of sub.

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Well : SCORPIO NO. 1 Page 2 of 3

Field : File 2-15547-BU

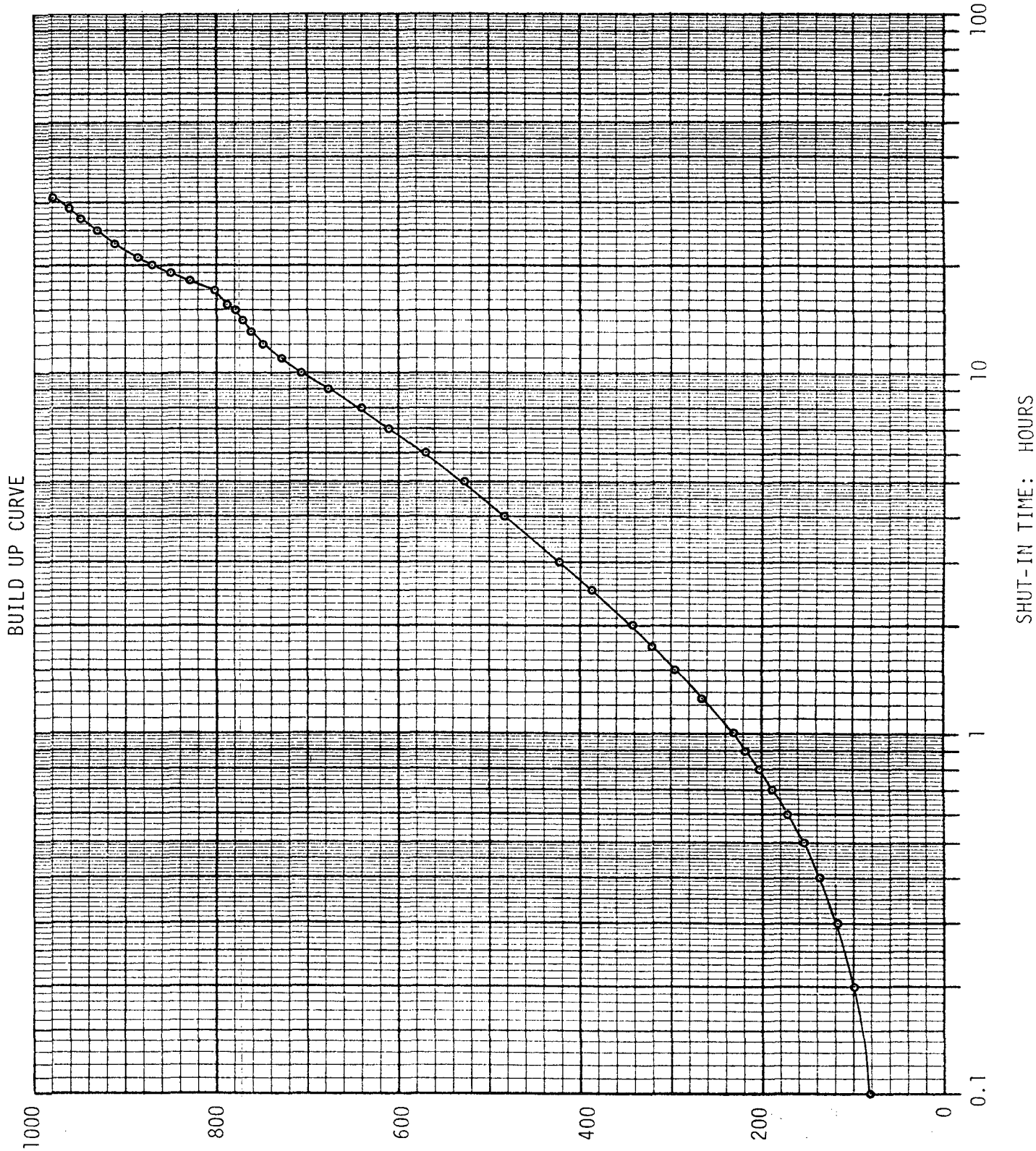
CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1984 Date	Status of Well	Time	Elapsed Time Hrs.	Min.	Wellhead Pressure Tbg	Csg	BHP @ 4500' Psig
6-10	Continued shut-in	16:00	17	00			802
"	"	17:00	18	00			829
"	"	18:00	19	00			851
"	"	19:00	20	00			870
"	"	20:00	21	00			885
"	"	22:00	23	00			911
6-11	"	00:00	25	00			932
"	"	02:00	27	00			949
"	"	04:00	29	00			963
"	Pulled instruments	05:45	30	45		856	978

EFTELLER, INC.
reservoir engineering data
MIDLAND, TEXAS

Company LOBO PRODUCTION COMPANY
Well SCORPIO NO. 1
Field

Formation
County SAN JUAN
State NEW MEXICO



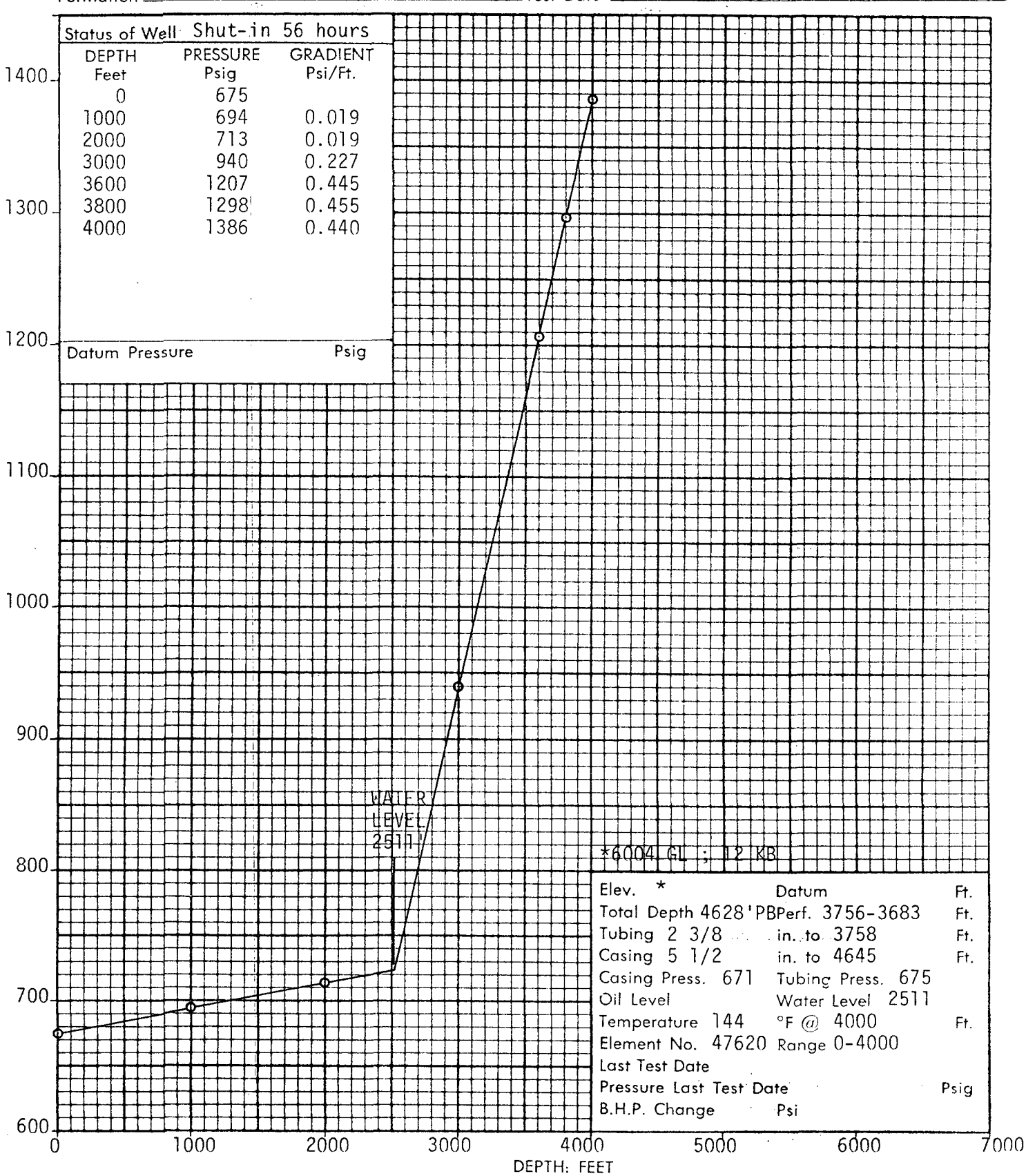
TEFTELLER, INC.
reservoir engineering data
MIDLAND, TEXAS

Company LOBO PRODUCTION COMPANY Lease SCORPIO Well No. 1
Field _____ County SAN JUAN State NEW MEXICO
Formation CO. MINGUEU GALLUP MANCOS Test Date JUNE 20, 1984

Status of Well Shut-in 56 hours

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	675	
1000	694	0.019
2000	713	0.019
3000	940	0.227
3600	1207	0.445
3800	1298	0.455
4000	1386	0.440

Datum Pressure Psig



*6004 GL ; 12 KB

Elev. *	Datum	Ft.
Total Depth 4628' PB	Perf. 3756-3683	Ft.
Tubing 2 3/8	in. to 3758	Ft.
Casing 5 1/2	in. to 4645	Ft.
Casing Press. 671	Tubing Press. 675	
Oil Level	Water Level 2511	
Temperature 144	°F @ 4000	Ft.
Element No. 47620	Range 0-4000	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE July 25, 1984

RE: Proposed MC _____
Proposed DHC a
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated July 25, 1984

for the Lobo Production Scorpio #1 A-15-32N-13W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Brad D. Chavez

RECEIVED
JUL 27 1984
OIL CONSERVATION DIVISION
SANTA FE