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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

MAR 2 1994

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator BASS ENTERPRISES PRODUCTION CO. ✓		Well API No. 30-015-23075
Address P.O. BOX 2760; MIDLAND, TX 79702-2760		
Reason(s) for Filing (Check proper box) New Well <input type="checkbox"/> Change in Transporter of: <input checked="" type="checkbox"/> Other (Please explain) Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> CHANGE COND. TRANSPORTER Change in Operator <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>		
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JAMES RANCH UNIT	Well No. 10	Pool Name, Including Formation LOS MEDANOS ATOKA GAS	Kind of Lease State, Federal or Fee	Lease No. 0-2884-B
Location Unit Letter <u>H</u> : <u>1980</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>EAST</u> Line Section <u>1</u> Township <u>23S</u> Range <u>30E</u> , <u>NMPM</u> , <u>EDDY</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate E.O.T.T. ENERGY CORPORATION EOTT Energy Operating LP Effective 4-1-94	Address (Give address to which approved copy of this form is to be sent) P.O. BOX 4666; HOUSTON, TX 77210-4666			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P.O. BOX 1492; EL PASO, TX 79978-1492			
If well produces oil or liquids, give location of tanks.	Unit H	Sec. 1	Twp. 23S	Rge. 30E
Is gas actually connected?		When ?		
YES		4-18-80		

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		
						Post ID-3		
						4-15-94		
						chgt LT: PGC		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

R.C. Houtchens
Signature
R.C. HOUTCHENS SR. PRODUCTION CLERK
Printed Name
3-1-94 (915) 683-2277
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved APR 8 1994

By _____

Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- All sections of this form must be filled out for allowable on new and recompleted wells.
- Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- Separate Form C-104 must be filed for each pool in multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPO. AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

SF
File
122
Form C-122
Revised 9-1-65

RECEIVED

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 4-28-80		MAY 12 1980	
Company BELCO PETROLEUM CORPORATION				Connection N.G.P.I.				O.C.D.	
Pool LOS MEDANOS <i>Atoka</i>				Formation ATOKA				Unit ARTESIA, OFFIC	
Completion Date 4-17-80		Total Depth 14,335		Plug Back TD 14,288		Elevation 3317 KB		Farm or Lease Name JAMES RANCH UNIT	
Csg. Size 5" LINER	Wt. 18.00	d 4.276	Set At 11,476 14,334	Perforations: From 12,896 To 12,904		Well No. 10			
Tbg. Size 2 3/8	Wt. 4.70	d 2.593	Set At 12,841	Perforations: From OPEN To END		Unit Sec. Twp. Rge. H 1 23S 30E			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE						Packer Set At 12,841		County EDDY	
Producing Thru TUBING		Reservoir Temp. °F 202° @ 12,841		Mean Annual Temp. °F 60°		Baro. Press. - P _a 13.2		State NEW MEXICO	
L 12,841	H 12,841	Gg .605	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run 3"	Taps FLANGE	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							12440				
1.	3 X 1.750			460	15.0	72	12354				1 Hr.
2.	3 X 1.750			470	23.0	62	2273				1 Hr.
3.	3 X 1.750			530	45.0	58	2112				1 Hr.
4.	3 X 1.750			580	58.0	58	1890				1 Hr.
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	15.61	84.25	473.2	.9887	1.286	1.040	1739
2	15.61	105.42	483.2	.9981	1.286	1.044	2205
3	15.61	156.35	543.2	1.002	1.286	1.051	3305
4	15.61	185.49	593.2	1.002	1.286	1.056	3940
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ 199.8 Mcf/bbl.	
1.	.71	532	1.47	.924	A.P.I. Gravity of Liquid Hydrocarbons _____ 57 @ 60° Deg.	
2.	.72	522	1.44	.917	Specific Gravity Separator Gas _____ X X X X X X X X	
3.	.81	518	1.43	.905	Specific Gravity Flowing Fluid _____ X X X X X	
4.	.88	518	1.43	.896	Critical Pressure _____ 671 P.S.I.A. _____ P.S.I.A.	
5.					Critical Temperature _____ 362 R _____ F	

P _c 2488.0 P _c ² 6190.1				(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 45.183$		(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 6.722$	
NO.	BHP	P _w	P _w ²	P _c ² - P _w ²			
1	3285.2	2460.3	6053.1	137.0			
2	3208.2	2400.6	5762.9	427.2			
3	3021.2	2256.9	5093.6	1096.5			
4	2764.2	2065.5	4266.3	1923.8			
5	3321.2	SIP					

ACF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 11.689$			
Absolute Open Flow _____ 11,689 Mcfd @ 15.025		Angle of Slope @ _____ 63.5	
		Slope, n _____ 500	

Remarks: _____ BOTTOM HOLE PRESSURES MEASURED WITH KUSTER GAUGE @ 12,700'	
_____ WELL MADE 2.3 BBLs. CONDENSATE DURING TEST	

Approved By Commission:	Conducted By: W.S.	Calculated By: R.P.	Checked By: J.W.W.
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