

EXHIBIT "B"
JAMES RANCH UNIT AREA, EDDY COUNTY, NEW MEXICO
TWP. 22 and 23 S., RGS. 30 and 31 E., N.M.P.M.

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS
INTERESTS IN ALL LANDS IN THE UNIT AREA

Tract No.	Description of Land	No. of Acres	Application or Ser. No. & Effective Date	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner
FEDERAL LAND							
1.	<u>T-22-S, R-30-E</u> Sec. 12: SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 13: NE $\frac{1}{4}$ Sec. 23: S $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	520	NM 0300 11-1-51	USA-All	Allie V. Tapp	Allie V. Tapp	3% Sid W. Richardson & Perry R. Bass
2.	<u>T-23-S, R-31-E</u> Sec. 5: SW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$	120	NM 02883 4-1-52	USA-All	Marguerite Payne	Marguerite Payne, Obligation \$200 per acre out of .5% of production	Sid W. Richardson & Perry R. Bass
3.	<u>T-23-S, R-30-E</u> Sec. 1: Lots 3 & 4	80.72	NM 02884 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Continental Oil Company
3-a	<u>T-23-S, R-30-E</u> Sec. 1: Lots 1 & 2, S $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$	320.24	NM 02884 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Sid W. Richardson & Perry R. Bass
4.	<u>T-23-S, R-31-E</u> Sec. 6: Lots 1, 2, 3, 4, 5, SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 7: Lots 1, 2, 3, 4, E $\frac{1}{2}$ W $\frac{1}{2}$ Sec. 18: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$	1009.17	NM 02887 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Continental Oil Company
4-a	<u>T-23-S, R-31-E</u> Sec. 5: Lot 4 Sec. 7: W $\frac{1}{2}$ E $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$ E $\frac{1}{2}$ SE $\frac{1}{4}$	319.98	NM 02887 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Sid W. Richardson & Perry R. Bass

5.	<u>T-22-S, R-30-E</u> Sec. 15: N $\frac{1}{2}$	320	NM 02951 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$400 per acre out of 1% of production	Sid W. Richardson & Perry R. Bass
6.	<u>T-22-S, R-30-E</u> Sec. 27: S $\frac{1}{4}$ Sec. 33: E $\frac{1}{4}$ Sec. 34: S $\frac{1}{4}$ Sec. 35: N $\frac{1}{2}$	1280	NM 02952 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Continental Oil Company
6-a.	<u>T-22-S, R-30-E</u> Sec. 27: N $\frac{1}{2}$ Sec. 34: W $\frac{1}{4}$ Sec. 35: S $\frac{1}{2}$	960	NM 02952 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Sid W. Richardson & Perry R. Bass
7.	<u>T-22-S, R-30-E</u> Sec. 15: S $\frac{1}{4}$ Sec. 21: E $\frac{1}{4}$ Sec. 22: S $\frac{1}{4}$ Sec. 25: SE $\frac{1}{4}$ Sec. 26: SE $\frac{1}{4}$, N $\frac{1}{4}$ <u>T-22-S, R-31-E</u> Sec. 31: Lots 1,2,3,4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$	1921.84	NM 02953 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Continental Oil Company
7-a.	<u>T-22-S, R-30-E</u> Sec. 22: N $\frac{1}{2}$ Sec. 25: SW $\frac{1}{4}$ Sec. 26: SW $\frac{1}{4}$	640	NM 02953 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Sid W. Richardson & Perry R. Bass
8.	<u>T-23-S, R-31-E</u> Sec. 6: Lots 6, 7, E $\frac{1}{2}$ SW $\frac{1}{4}$ W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	282.09	NM 04473 11-1-52	USA-All	Howard W. Jennings	Howard W. Jennings 3%	Sid W. Richardson & Perry R. Bass

9.	<u>T-22-S, R-30-E</u> Sec. 19: Lots 1, 2, 3, 4, E ₂ W ₂ , E ₂	640.04	NM06806 6-1-52	USA-All	Lucy R. Muse	Oscar T. Hoover Obligation \$75 per acre out of .3% of production Ernest A. Hanson Obligation \$675 per acre out of 2.7% of production	Sid W. Richardson & Perry R. Bass
10.	<u>T-22-S, R-30-E</u> Sec. 20: All	640	NM 06807 6-1-52	USA-All	Neil F. Stull 90% Robert E. Lee Hall 10%	Neil F. Stull 6 $\frac{1}{2}$ %	Sid W. Richardson & Perry R. Bass
11.	<u>T-22-S, R-30-E</u> Sec. 21: W ₂ E ₂ , W ₂	480	NM 06808 6-1-52	USA-All	Lucy R. Muse	Robert V. Wollard 5%	Sid W. Richardson & Perry R. Bass
12.	<u>T-22-S, R-30-F</u> Sec. 28: S ₂ , NE ₄	480	NM 06809 7-1-52	USA-All	Bert Fields	None	Bert Fields
12-a.	<u>T-22-S, R-30-E</u> Sec. 28: NW ₄	160	NM 06809 7-1-52	USA-All	*Bert Fields	None	Sid W. Richardson & Perry R. Bass
13.	<u>T-22-S, R-30-E</u> Sec. 29: All	640	NM 06810 6-1-52	USA-All	Louis Slusky	None	Louis Slusky
14.	<u>T-22-S, R-30-E</u> Sec. 30: Lots 1, 2, 3, 4 E ₂ W ₂ , SE ₄ , W ₂ NE ₄ SE ₄ NE ₄	599.92	NM 06811 7-1-52	USA-All	Edward M. Muse	Wm. V. Stone 5%	Sid W. Richardson & Perry R. Bass
15.	<u>T-22-S, R-30-E</u> Sec. 13: W ₂ , SE ₄ Sec. 23: N ₂ , NE ₄ SW ₄ , SE ₄ Sec. 24: NE ₄ , N ₂ NW ₄ , SE ₄ NW ₄ , S ₂ Sec. 25: N ₂ Sec. 26: NE ₄	2080	LC 064827 2-1-51	USA-All	Joe Whitehurst	None	Malco Refineries, Inc.
16.	<u>T-22-S, R-31-E</u> Sec. 8: SW ₄ , S ₂ NW ₄ Sec. 17: NW ₄ , S ₂ Sec. 20: N ₂ , SW ₄ , W ₂ SE ₄ , SW ₄ SE ₄	1320	LC 069507 10-1-51	USA-All	Bonnie H. Matlock	Bonnie H. Matlock Obligation \$1,259,860 Out of 3% of production	Sid W. Richardson & Perry R. Bass

* Assignment from Bert Fields to Sid W. Richardson & Perry R. Bass pending approval.

17.	<u>T-22-S, R-31-E</u> Sec. 20: <u>SE$\frac{1}{4}$SE$\frac{1}{4}$</u> Sec. 29: <u>W$\frac{1}{2}$W$\frac{1}{2}$</u> Sec. 30: Lots 1, 2, 3, 4, <u>SW$\frac{1}{4}$NE$\frac{1}{4}$, E$\frac{1}{2}$W$\frac{1}{2}$, SE$\frac{1}{4}$</u>	721.36	LC 069508 11-1-51	USA-All	Margaret M. Wilder	Margaret M. Wilder Obligation \$1,240,680 out of 3% of production	Sid W. Richardson & Perry R. Bass
18.	<u>T-22-S, R-31-E</u> Sec. 7: Lots 2, 3, 4, <u>SE$\frac{1}{4}$NW$\frac{1}{4}$, E$\frac{1}{2}$SW$\frac{1}{4}$, SE$\frac{1}{4}$NE$\frac{1}{4}$, SE$\frac{1}{4}$</u> Sec. 18: Lots 1, 2, 3, 4, <u>E$\frac{1}{2}$W$\frac{1}{2}$, E$\frac{1}{2}$</u> Sec. 19: Lots 1, 2, 3, 4, <u>E$\frac{1}{2}$W$\frac{1}{2}$, E$\frac{1}{2}$</u> Sec. 30: <u>N$\frac{1}{2}$NE$\frac{1}{4}$, SE$\frac{1}{4}$NE$\frac{1}{4}$</u>	1881.06	LC 069509 2-1-52	USA-All	George S. Morrison	George S. Morrison Obligation \$1,260,105 out of 3% of production	Sid W. Richardson & Perry R. Bass
19.	<u>T-22-S, R-30-E</u> Sec. 14: <u>S$\frac{1}{2}$</u>	320	LC 069877 5-1-51	USA-All	Mrs. Josephine T. Hudson Wm. A. Hudson	None	Mrs. Josephine T. Hudson Wm. A. Hudson
19-a.	<u>T-22-S, R-30-E</u> Sec. 14: <u>N$\frac{1}{2}$</u>	320	LC 069877 5-1-51	USA-All	* Mrs. Josephine T. Hudson Wm. A. Hudson	None	Sid W. Richardson & Perry R. Bass
20.	<u>T-23-S, R-31-E</u> Sec. 8: <u>W$\frac{1}{2}$</u> Sec. 17: <u>NW$\frac{1}{4}$</u>	480	LC 071988 8-1-51	USA-All	Alma Cannon	Alma Cannon Frank O. Elliott	Sid W. Richardson & Perry R. Bass

20 FEDERAL TRACTS, CONTAINING 18,536.42 ACRES, OR 89.7% OF UNIT AREA

* Sub-Lease from Mrs. Josephine T. Hudson and Wm. A. Hudson to
Sid W. Richardson & Perry R. Bass, pending approval.

Tract No.	Description of land	No. of acres	Serial no. & Expiration date of lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner
<u>STATE LAND</u>							
21.	<u>T-22-S, R-30-E</u> Sec. 36: All	800.56	E-5229-1 5-10-61	State of New Mexico 12 $\frac{1}{2}$ %	Sid W. Richardson & Perry R. Bass	None	Sid W. Richardson & Perry R. Bass
	<u>T-23-S, R-30-E</u> Sec. 2: Lots 1, 2, 3, 4,						
22.	<u>T-22-S, R-30-E</u> Sec. 16: All Sec. 17: S $\frac{1}{2}$, NE $\frac{1}{4}$ E $\frac{1}{2}$, NW $\frac{1}{4}$	1200	E-6292-1 6-10-62	State of New Mexico 12 $\frac{1}{2}$ %	Sid W. Richardson & Perry R. Bass	None	Sid W. Richardson & Perry R. Bass

2 STATE TRACTS, CONTAINING 2,000.56 ACRES, OR 9.7% OF UNIT AREA

Tract No.	Description of land	No. of Acres	Expiration date of lease	Basic Royalty Owner and Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner & Percentage
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FEE OR PRIVATELY OWNED LAND

23.	T-22-S, R-30-E Sec. 24: SW ¹ / ₄ NW ¹ / ₄	40		A. J. Crawford	Not leased	none	A. J. Crawford
24.	T-22-S, R-30-E Sec. 30: SW ¹ / ₄ NE ¹ / ₄	40		A. J. Crawford	Not leased	none	A. J. Crawford
25.	T-23-S, R-31-E Sec. 7: NE ¹ / ₄ NE ¹ / ₄	40		Charles James William O. James	3/4 1/4	Not leased	none

Charles James
William O. James
Sid W. Richardson
Perry R. Bass

3 FEE OR PRIVATELY OWNED TRACTS, CONTAINING 120 ACRES, OR .6% OF UNIT AREA

TOTAL 25 TRACTS, CONTAINING 20,656.98 ACRES IN JAMES RAUCH UNIT AREA

#472

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

December 11, 1989

Bureau of Land Management
P. O. Box 1397
Roswell, New Mexico 88201

Attn: Mr. Joe Lara

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Sante Fe, New Mexico 87504-1148

Attn: Mr. Floyd Prando

New Mexico Oil Conservation Division
P. O. Box 2088
Sante, Fe New Mexico

Attn: Mr. Bill LeMay

RECEIVED
DEC 18 1989
OIL CONSERVATION DIVISION

Re: 1990 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Bass Enterprises Production Co., operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 1990.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in this Unit in prior years.

1989 ACTIVITY

The Pure Gold "C" Federal Well No. 2 was drilled by Santa Fe Energy Operating Partners, L.P. to a total depth of 14,850' at a location 1980' FNL and 2310' FEL in Section 17, T23N-R31E, Eddy County, New Mexico. Completion operations in the Morrow formation are currently being conducted. James Ranch Unit acreage (NW/4 Section 17) was included in the proration unit for this Morrow well. The results will be reported in the 1991 Plan of Development.

PARTICIPATING AREA

According to our records, Bass Enterprises Production Co. has submitted all wells drilled to date where adequate production information is available for commercial determinations and participating areas. In the event you have not received commercial determinations for all of our wells drilled to date, as well as proposed participating areas when appropriate, please advise us at your convenience and we will submit same to you.

FUTURE DEVELOPMENT

During 1990, Bass plans to monitor and evaluate other wells drilled in the area and review its seismic. No wells are currently planned for 1990.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from the lands subject to the James Ranch Unit Agreement or pursuant to applicable regulations.

ADDITIONAL DEVELOPMENT

This Plan of Development will constitute the activity to be conducted under the terms of the James Ranch Unit Agreement for the period ending December 31, 1990. In the event economic conditions should change, resulting in the improvement of marketing oil and gas from the unit area, the Operator will modify this Plan of Development to provide for additional activity. Presently, five (5) gas wells are shut-in in the James Ranch Unit due to the poor gas market. Gas sales from these wells will resume when prices will justify additional development.

MODIFICATIONS

In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

EFFECTIVE DATE

This Plan of Development shall be effective from January 1, 1990, to December 31, 1990.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one signed copy of the letter to Bass for its records.

Very truly yours,


Jens Hansen

RAM/JH/tlo

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 11, 1989
Page 3

ACCEPTED TO AND AGREED this 26 day of Dec., 1989.

BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: 

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

January 24, 1989

BUREAU OF LAND MANAGEMENT

P.O. Box 1397

Roswell, New Mexico 88201

Attention: Mr. Joe Lara

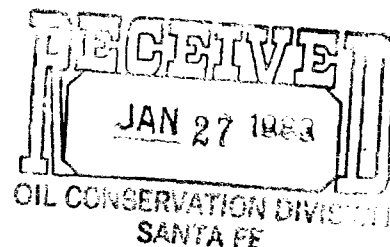
COMMISSIONER OF PUBLIC LANDS

State of New Mexico

P.O. Box 1148

Santa Fe, New Mexico 87504-1148

Attention: Floyd Prando



NEW MEXICO OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87501-2088


Attention: Mr. William LeMay

RE: Bass Lease No. 09306-USA - NM 02887 - D
Property No. 08331-04
James Ranch Unit No. 14 Well
N/2 Section 7, T23S-R31E N.M.P.M.,
Eddy County, New Mexico
James Ranch Unit

Gentlemen:

In accordance with Section 11 of the James Ranch Unit Agreement dated April 22, 1953 (Contract No. 14-08-001-558), we hereby submit information covering the James Ranch Unit No. 14 Well, located 100' FSL and 1980' FWL of Section 6, T23S-R31E, N.M.P.M., Eddy County, New Mexico, (surface location) and 660' FNL and 1980' FWL, Section 7, T23S-R31E, N.M.P.M., Eddy County, New Mexico (bottom hole location), to support our recommendation that the James Ranch Unit Well No. 14 be determined non-commercial, and thereby not receive a participating area. Please advise Bass at your convenience of your findings regarding this commercial determination. Should you have any questions or need any additional information please feel free to contact us.

Sincerely,


Louis W. Wilpitz
Landman

LWW:glb

cc: Enron Oil and Gas

P.O. Box 2267

Midland, Texas 79702

Attention: Mr. Todd C. Cirrincione

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL James Ranch Unit #14 FORMATION Morrow
Surf Location 100 Feet From S Line & 1980 Feet From W Line,
BH LOCATION 660 FEET FROM N LINE & 1980 FEET FROM W LINE,
Section 6
SECTION 7, RANGE 31-E, TOWNSHIP 23-S, COUNTY Eddy NEW MEXICO
SPUD DATE 4-6-83 COMPLETION DATE 8-19-83 INIT. PROD. DATE Dec., 1983
PERFORATIONS 14,139'-146', 151'-166', 171'-189', 195'-202'

STIMULATION:

ACID Natural until Oct., 1988 when same intervals were reperf'd and
acdz'd w/5,000 gal 7½% MSR100

FRACTURE _____

POTENTIAL 3284 MCF/D

(ATTACH COPY OF C-122. ATTACH COPY OF WELLBORE SKETCH OF COMPLETED WELL.)

VOLUMETRIC CALCULATION

	FORMATION	
	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	320	Delaware sds 6550'-580' &
*Porosity (Ø), %	8	7300'-7400' should be tested
*Water saturation (Sw), %	17	prior to abandonment
*Net thickness (h) > 3% Ø & <40% Sw, ft	30	
Temperature (T), °F	222	

* See attached calculations

(2)

Bottomhole pressure (P), psia 6269# @ 13,900'
Recovery factor (RF), (80% assumed) 80%
Recoverable gas, MCF (See eq. below) 3,182,000 (Ultimate)

*Recoverable gas, MCF = $(43,560)(\emptyset)(1-S_w)(A)(h)(RF)(B_{gi})$ where

* $B_{gi} = 0.03535 \frac{P}{ZT} \frac{MSCF}{Cu Ft}$ (See Attached Worksheet)

PERFORMANCE DATA

If sufficient history exists, attach plot of gas production rate vs time.

(Cumulative production to Nov. / 1 / 88 ; 546,000 MCF.

Initial rate (q_i), $\pm 30,000$ MCF/mo (As of 11-1-88)

Economic limit (q_l), $\pm 1,000$ MCF/mo

Decline rate, dy - %

*Remaining gas (Q) = 1,014,000 MCF (See attached production and material balance [P/Z] plots)

Ultimate recoverable gas 1,560,000 MCF

$$Q = \frac{(q_i - q_l) 12 \text{ mo/yr}}{-\ln(1-dy)}$$

Attach plat showing proration unit and participating area.

<u>RECOVERABLE GAS</u>	<u>GAS (MCF)</u>	<u>COND (BBLS)</u>
Gas sand previously produced	<u>NA</u>	
Sand perforated	<u>1,560,000</u>	<u>(1)</u>
Sand not perforated, but potentially productive	<u>Probably would be an oil well in Delaware Sand</u>	<u>(2)</u>
Total recoverable gas	<u>1,560,000</u>	

(1) performance recoverable gas if available

(2) $\frac{\text{performance sand perforated}}{\text{volumetric sand perforated}} \times \frac{\text{volumetric sands not perforated}}{\text{performance sands not perforated}}$

Participating area size based on ratio of production history and volumetrics

320 acres---minimum area is proration unit.

(3)

ECONOMIC

*Well Cost \$ 2,749,000 (to the depth of formation completed)

Recompletion Cost \$ ± 25,000 (to reperf & acdz)

TOTAL COST \$ ± 2,774,000

(Gas Price)(Net Revenue Interest)(1-Ad Valorem Taxes) - Production Tax + [(Oil Price)(Net Revenue Interest)(Cond. Yield, bbl/MCFG)(1 -Production and Ad Valorem Taxes)] - [(Oil Price - Base Price) WFPT %] NRI

*Net Gas Price =

*New Net Gas Price = (See attached economics)

Operating Cost

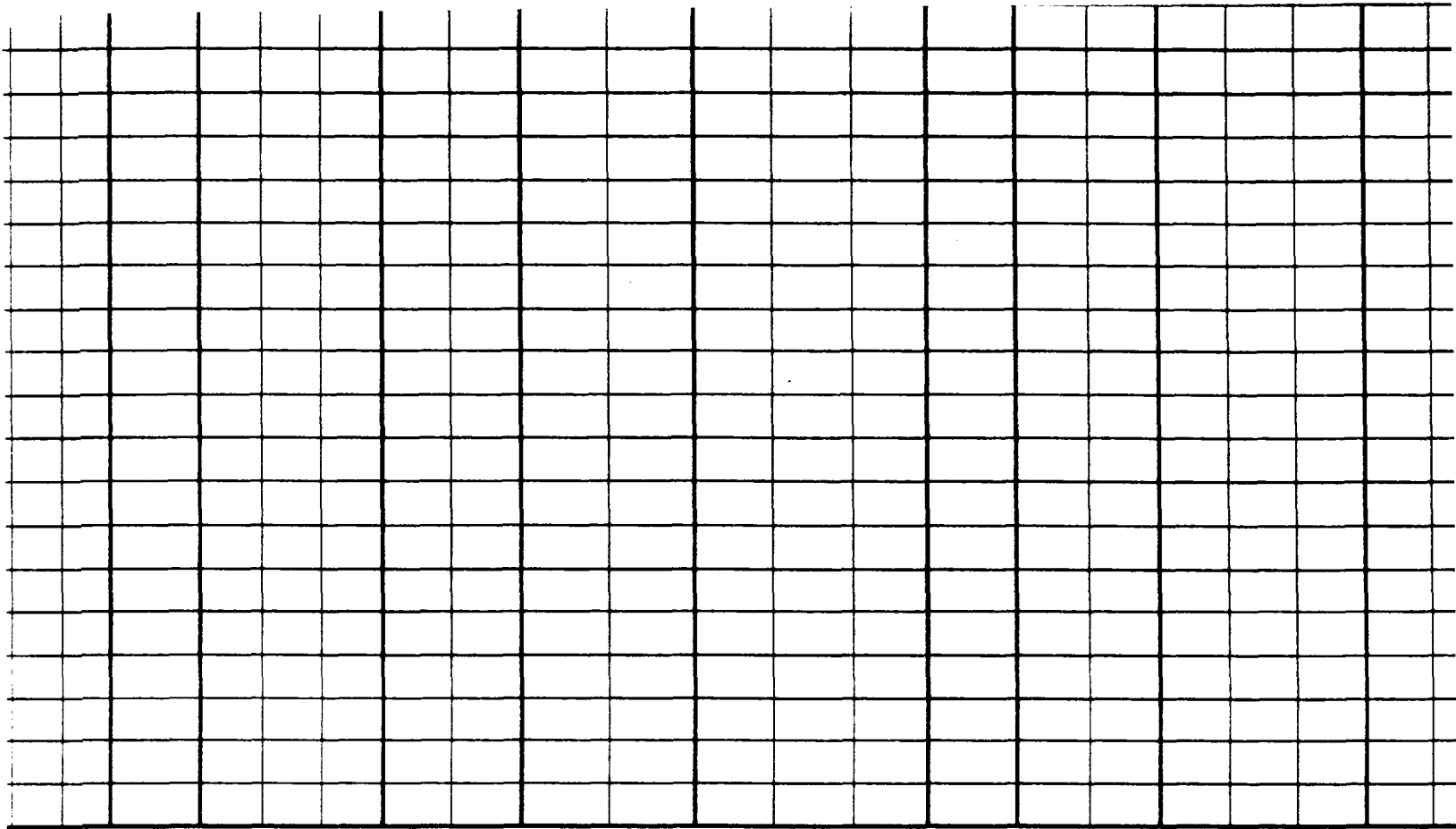
BEPCO Net Income = (Gross Gas)(Net Gas Price)

YEAR	GROSS GAS	BEPCO NET INCOME	OPERATING COST	15% DISCOUNT FACTOR	DISCOUNTED CASH FLOW
Zero					
1985					
1986					
1987					
1988					
1989					
Remainder					

If payout is five years or less, well is considered economical.

(BEPCO Net Income - Operating Expense) discount factor =

discounted cash flow.



S:
(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)
(10)
(11)
(12)

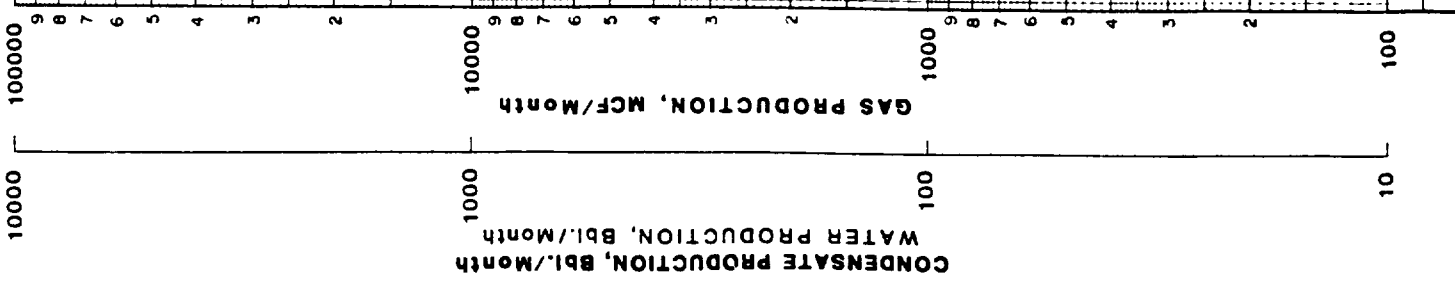
$h_n = 30$	$\sum \phi h = 2.400$	$\sum \phi h(1-S_w) = 1.992$
$\bar{\phi} = \frac{\sum \phi h}{h_n} = .080$	$\bar{S}_w = \left(\frac{\sum \phi h(1-S_w)}{\sum \phi h} \right) - 1 = .170$	

James Ranch Unit #14

— GAS WELL —	
RESERVOIR VOLUME FACTOR	
$P_a =$	$T_a =$
GAS GRAV. = <u>.592</u>	$P_c =$ <u>673</u> $T_c =$ <u>356</u> $Z =$ <u>1.11</u>
$P_r =$	$T_r =$
$B_g = \left(\frac{P_{f,a}}{\text{Atmos. Press.}} \right) \left(\frac{520}{T_{f,a}} \right) \left(\frac{1}{Z} \right) =$ <u>286.5</u> scf/ft ³	
OGIP, MMCF/Ac. = $(.04356)(\sum \phi h[1-S_w])(B_g)$	
OGIP, MMCF/Ac. = <u>24.86</u> RF = <u>80</u> % EUR, MMCF/Ac. = <u>19.89</u>	
OGIP @ 640 ac. =	EUR @ 640 ac. =
480 ac. =	480 ac. =
320 ac. = <u>7955</u>	320 ac. = <u>6365</u>
240 ac. = <u>5966</u>	240 ac. = <u>4774</u>
160 ac. = <u>3978</u>	160 ac. = <u>3182</u>
80 ac. = <u>1989</u>	80 ac. = <u>1591</u>
40 ac. =	40 ac. =
<u>BHP_i = 6269 psig @ 13,900'</u>	
<u>BHT = 222 °F</u>	

— OIL WELL —	
RESERVOIR VOLUME FACTOR	
GOR: _____	OIL GRAVITY: _____
T_f : _____	GAS GRAVITY: _____
$B_o =$ _____ Bbl./STB	<input type="checkbox"/> from chart
OOIP, Bbl./Ac. = $\frac{(7758)(\sum \phi h[1-S_w])}{B_o}$	
OOIP, Bbl./Ac. = _____ RF = _____ % EUR, _____	
OOIP @ 640 ac. =	EUR @ 640 ac. =
480 ac. =	480 ac. =
320 ac. =	320 ac. =
240 ac. =	240 ac. =
160 ac. =	160 ac. =
80 ac. =	80 ac. =
40 ac. =	40 ac. =
20 ac. =	20 ac. =

10-1-88 CUM 546 MAMF BY: []

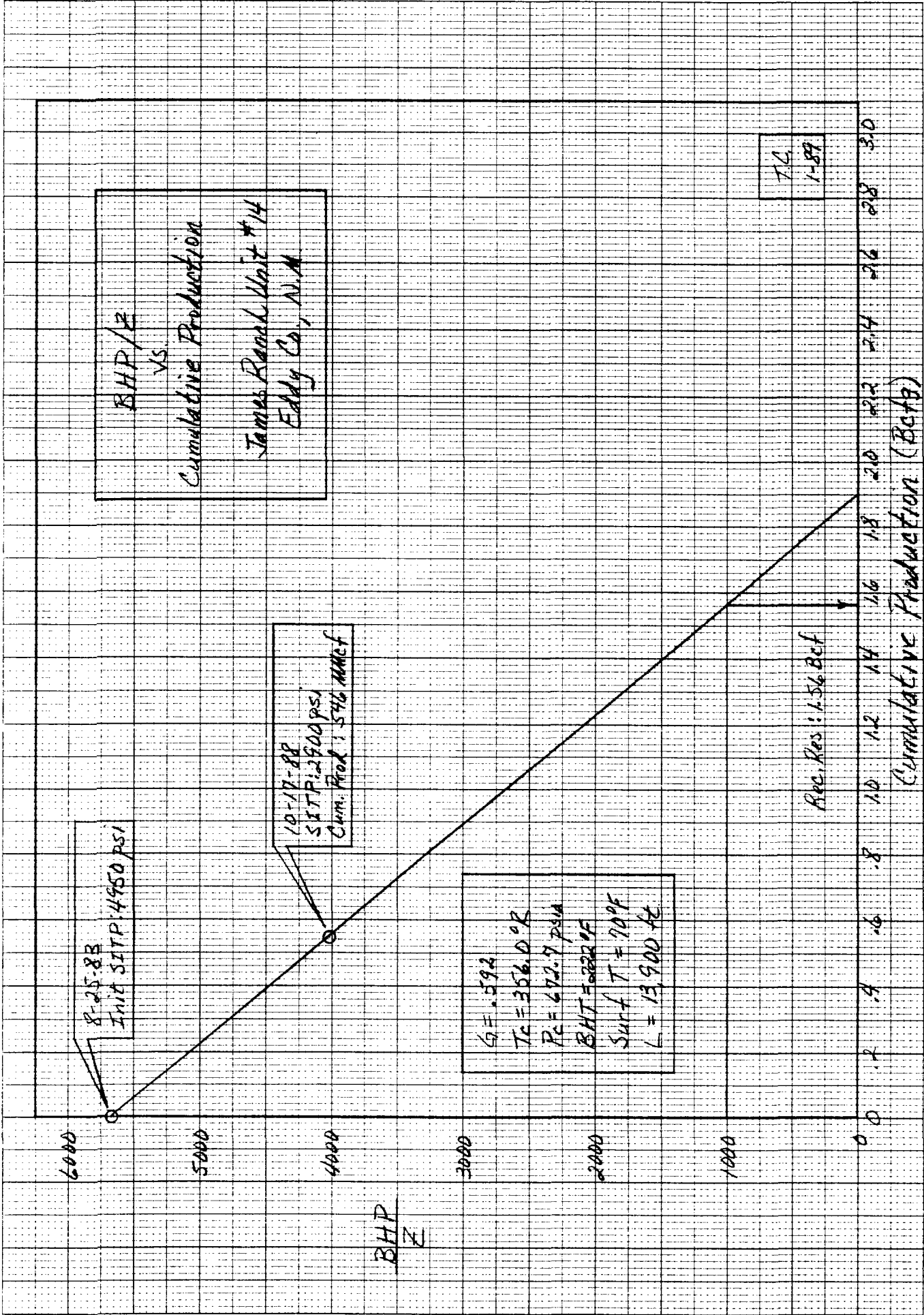


100000 (S.M. 2402)

FIELD: LOS MEDANOS MORROW (GSS)	
OPERATOR: Enron Oil & Gas Co.	
LEASE: James Ranch Unit	
LOCATION: OR-RRC-9	DIST: 7-235-31E
COUNTY: Eddy	STATE: N.M.
NO. WELLS: 1 WELL NOS: 14	
DATE PROD BEGAN: 12-15-83 ENRON DIV.: MD	
ENRON OIL & GAS COMPANY	

WATER RATIO, BBL./MMCF
CONDENSATE YIELD, BBL./MMCF
FLOWING TUBING PRESSURE, PSI

1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
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PF:JAMESRCH
EVAL #: 1

ENRON OIL & GAS COMPANY
RESERVES AND ECONOMICS
AS OF SEP 1, 1983

DATE: 01/13/89
TIME: 14:33:07
PAGE: 1

ID CODE : 2

NAME : JAMES RANCH UNIT #14
FIELD : LOS MEDANOS
CNTY, STATE: EDDY CO., NEW MEXICO
FORMATION : MORROW
OPERATOR : ENRON OIL & GAS COMPANY

NO RISK CASE
SEC. 6-23S-31E

-----PRESENT WORTH PROFILE-----

DISC RATE	PW OF NET BTAX M\$	PW OF NET ATAX M\$
5.0	-1022.969	-731.275
10.0	-1312.915	-967.968
15.0	-1510.801	-1135.527
25.0	-1751.470	-1350.150
30.0	-1826.823	-1421.191

WI	ORI	GRI	DATE	BTAX	ATAX
100.00000	74.70730	74.70730	SEP 1983	-----	-----
RATE OF RETURN (%)				---	---
PAYOUT (YRS)				*	*
PAYOUT DISC. (YRS)				*	*
R/I (CF+I/I)				0.79	0.86
R/I DISC (DCF+DI/DI)				0.45	0.58
P/I (CF/I)				-0.21	-0.14
PVI DISC (DCF/DI)				-0.55	-0.42

----- PRICES -----				INVESTMENTS	---GROSS---	----NET----	NET OPER. COSTS (M\$)	452.888
BEG-PRICES	END-PRICES	AVG-PRICES		LEASEHOLD (M\$)	0.000	0.000	GROSS OPER. COSTS (\$/UNIT)	*
OIL (\$/BBL)	*	*	*	TANG. (M\$)	868.000	868.000	NET OPER. REVENUE (M\$)	2200.294
GAS (\$/MCF)	2.50	3.60	2.28	INTAN. (M\$)	1914.822	1914.822		
NGL (\$/BBL)	0.00	0.00	0.00	DRYHOLE (M\$)	0.000	0.000	DISCOUNT RATE (%)	15.0
				TOTAL (M\$)	2782.822	2782.822	PROJECT LIFE (YRS)	14.75

----- RESERVES -----					GROSS --OIL WELLS	0
	NET REMAINING	GROSS REMAINING	GROSS CUMULATIVE	GROSS ULTIMATE	--GAS WELLS	1
	-----	-----	-----	-----	OTHER WELLS	0
OIL (MBBLS)	0.000	0.000	0.000	0.000	NET ----OIL WELLS	0.00
GAS (MMCF)	1165.213	1559.703	0.000	1559.703	----GAS WELLS	1.00
COND (MBBLS)	0.000	0.000	0.000	0.000	OTHER WELLS	0.00
NGL (MBBLS)	0.000	0.000	0.000	0.000		

ID CODE : 2

NAME : JAMES RANCH UNIT #14
FIELD : LOS MEDANOS
CNTY, STATE: EDDY CO., NEW MEXICO
FORMATION : MORROW
OPERATOR : ENRON OIL & GAS COMPANY

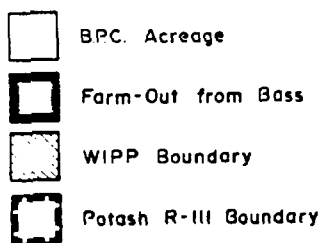
NO RISK CASE
SEC. 6-23S-31E

	GROSS PROD OIL + COND	GROSS GAS PRODUCTION	NET PROD OIL + COND	NET GAS PRODUCTION	EFFECTIVE OIL PRICE	EFFECTIVE GAS PRICE	NET TOTAL REVENUE	NET LEASE OPER EXP	NET ADVAL TAXES	NET SEV TAXES
	---MBBLS---	-----MMCF----	---MBBLS---	-----MMCF----	---\$/BBL---	---\$/MCF---	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----
(4MO)1983	0.000	22.132	0.000	16.534	0.000	2.500	41.336	1.250	0.708	2.695
1984	0.000	427.152	0.000	319.114	0.000	2.600	829.696	15.000	14.216	52.016
1985	0.000	40.311	0.000	30.115	0.000	2.700	81.311	15.000	1.393	4.909
1986	0.000	7.557	0.000	5.646	0.000	2.500	14.114	15.000	0.242	0.920
1987	0.000	14.848	0.000	11.093	0.000	2.200	24.404	15.000	0.418	1.808
1988	0.000	82.000	0.000	61.260	0.000	2.100	128.646	15.000	2.204	9.985
1989	0.000	302.288	0.000	225.831	0.000	1.800	406.497	15.000	6.965	36.811
1990	0.000	210.847	0.000	157.518	0.000	1.944	306.215	15.000	5.247	25.675
1991	0.000	147.066	0.000	109.869	0.000	2.100	230.673	15.000	3.952	17.909
1992	0.000	102.579	0.000	76.634	0.000	2.267	173.767	15.000	2.977	12.491
1993	0.000	71.549	0.000	53.453	0.000	2.449	130.899	15.000	2.243	8.713
1994	0.000	49.906	0.000	37.283	0.000	2.645	98.607	15.000	1.689	6.077
1995	0.000	34.810	0.000	26.005	0.000	2.856	74.281	15.000	1.273	4.239
1996	0.000	24.280	0.000	18.139	0.000	3.085	55.956	15.000	0.959	2.957
1997	0.000	16.935	0.000	12.652	0.000	3.332	42.152	15.000	0.722	2.062
SUB TOTAL	0.000	1554.261	0.000	1161.146	0.000	2.272	2638.552	211.250	45.208	189.267
REMAINDER	0.000	5.443	0.000	4.066	0.000	3.598	14.631	6.250	0.251	0.663
TOT 14.8 YR	0.000	1559.704	0.000	1165.212	0.000	2.277	2653.183	217.500	45.458	189.930

	WINDFALL PROFITS TAX	NET OPER REVENUE	NET TOTAL INVESTMENT	BTAX CASHFLOW	BTAX CF DISC 15.00%	TAX DEPLETION	TAX DEPREC	INCOME TAXES PAID	ATAX CASHFLOW	ATAX CF DISC 15.00%
	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----
(4MO)1983	0.000	36.682	2749.000	-2712.318	-2682.156	0.000	124.000	-447.678	-2264.640	-2244.786
1984	0.000	748.465	0.000	748.465	662.844	0.000	212.571	74.988	673.477	598.929
1985	0.000	60.009	0.000	60.009	46.213	0.000	151.837	-16.237	76.247	56.660
1986	0.000	-2.048	0.000	-2.048	-1.371	0.000	108.455	-74.356	72.308	48.945
1987	0.000	7.177	0.000	7.177	4.179	0.000	77.468	-65.689	72.867	42.983
1988	0.000	101.456	33.822	67.634	34.944	0.000	77.468	-38.230	105.864	54.745
1989	0.000	347.721	0.000	347.721	153.767	0.000	77.468	59.851	287.871	127.885
1990	0.000	260.293	0.000	260.293	100.097	0.000	38.734	74.515	185.778	71.260
1991	0.000	193.812	0.000	193.812	64.815	0.000	0.000	70.118	123.694	41.127
1992	0.000	143.298	0.000	143.298	41.676	0.000	0.000	51.764	91.535	26.469
1993	0.000	104.943	0.000	104.943	26.545	0.000	0.000	37.825	67.119	16.880
1994	0.000	75.840	0.000	75.840	16.685	0.000	0.000	27.936	47.904	10.477
1995	0.000	53.769	0.000	53.769	10.290	0.000	0.000	19.912	33.857	6.442
1996	0.000	37.041	0.000	37.041	6.167	0.000	0.000	13.830	23.211	3.842
1997	0.000	24.367	0.000	24.367	3.531	0.000	0.000	9.221	15.146	2.182
SUB TOTAL	0.000	2192.827	2782.822	-589.995	-1511.774	0.000	868.000	-202.232	-387.763	-1135.959
REMAINDER	0.000	7.467	0.000	7.467	0.974	0.000	0.000	4.173	3.295	0.431
TOT 14.8 YR	0.000	2200.294	2782.822	-582.528	-1510.800	0.000	868.000	-198.059	-384.468	-1135.528

EVALUATION #1 IN PROJECT FILE "JAMESRCH" 01/13/89 14:32:31

10 IDENT "2
20 DATES SEP 1983 SEP 1983 DEC 1983
30 ECONOMICS ELIM
40 WELLCOUNT 0 1
50 NAME "JAMES RANCH UNIT #14 "
60 FIELD "LOS MEDANOS "
70 TITLE2 "SEC. 6-23S-31E "
80 CNTYSTATE "EDDY CO., NEW MEXICO "
90 FORMATION "MORROW "
100 OPERATOR "ENRON OIL & GAS COMPANY "
110 OWNERSHIP 1. 0.747073
120 WINDFALL Y
130 DEPR DBN:200. * * 7
140 DEPL COST
150 AMORT SL 5 N
160 FEDTAX Y 34. * * * 70.
180 GPROD DEC 1983 ANN 22.132 427.152 40.311 7.557 14.848 82.
190 GPROD JAN 1989 EXP 30. 1. 966.
200 PRGAS DEC 1983 ANN 2.5 2.6 2.7 2.5 2.2 2.1
210 PRGAS JAN 1989 PER 1.8 * 12. 8. 3.6
220 GSEVDM P CON 0.163
230 AVALPS P CON 1.28
240 LOEDW P CON 1250.
250 INTAN C MON 1881000.
260 TAN C MON 868000.
270 INTAN OCT 1988 MON 33822.



NET = 6% POROSITY CUTOFF
GROSS = 50 API GR CUTOFF

BELCO PETROLEUM CORP.

MIDLAND DISTRICT

JAMES RANCH PROSPECT
EDDY COUNTY, NEW MEXICO

ISOPACH (GROSS)

UPPER MORROW SAND

C.I. = 10'

0 2 4 8 12
SCALE IN THOUSANDS OF FEET

By: Emory Parrott Date: 11/8

JAMES RANCH UNIT NO. 14 (WO-GAS)	Oper: ENRON OIL & GAS COMPANY
Surf: 1980' FWL & 100' FSL, Sec. 6-23S-31E	14,200' Morrow
BHL: 1980' FWL & 660' FNL, Sec. 7-23S-31E	EOG %: 100 WI & 74.5 NRI
Eddy County, New Mexico	AFE No. 0053283007 \$25,000
Los Medanos Field	SC No. 7406-AA2
James Ranch Prospect	Product Call %: 100

- 10-17-88 (9) 24 hr SI; EDWC \$0; ETWC \$24,443.
42 hrs →
- 10-18-88 (10) SITP 2900#; 1 hr SI, SITP 2900#; 2 hr RU Dowell & tst lines, add 15 gal inhibitor; 2 hr acdz w/4872 gal 7-1/2% MSR100; flush w/2% KCl wtr; AIR 5 BPM @ 5290 psi; min TP 4440#, max TP 7200#; used 150 ball sealers; ISIP 2830#, 5 min 950#, 10 min 170#, 15 min zero; 4-3/4 hr swb, FL 800' - 7500' - 4400', rec 60 BLW; 112 BLTR; 1 hr flo to pit, rec 20 BW w/FTP 220#; 1-1/4 hr flo to pit w/5' flare, no fl; 92 BLTR; 12 hr SIFN; this AM SITP 2575#; EDWC \$7,869; ETWC \$32,312.
- 10-19-88 (11) SITP 2775#, SICP 500#; 1/2 hr SI; 1-1/4 hr opn to pit 2575 to 0; 3-1/4 hr flwg to pit, rec 25 BW w/FTP 60#; 1 hr SITP 900#, drop soap sticks; 5 hr flwg to pit, TP 900-60#, rec 25 BW; 42 BLTR; 1/2 hr drop soap stick; 12-1/2 hr SIFN; EDWC \$1,110; ETWC \$33,422.
- 10-20-88 (12) 1 hr SI; 3 hr flo to pit 2775-60, rec 15 BW; 20 hr flwg to sales, FTP 450 psi, 710 MCFD; EDWC \$400; ETWC \$33,822.
- 10-21-88 (13) SITP 2850#, SICP 1050#; put well on line @ 10:00 AM, 720 MCFD, FTP 425#, LP 460#.
- 10-22-88 (14) Flwd 21 hr, daily rate 771 MCFD, 0 BO & 7 BW, FTP 490#, CP 1100#, LP 447#.

The James Ranch Unit No. 14 had been producing 22 MCFD with 350 psi FTP from Morrow perforations 14,139' to 14,202', overall. This interval was reperforated and acidized with 5,000 gallons 7-1/2% acid. After 15 days of production, the well is flowing 900 MCFD, 0 BC and 4 BWPD on an 8/64" choke with 1,120 psi FTP. The estimated cost of this workover is \$33,822 as compared to the AFE cost of \$25,000. FINAL REPORT.

JAMES RANCH UNIT NO. 14 (WO-GAS)	Oper: ENRON OIL & GAS COMPANY
Surf: 1980' FWL & 100' FSL, Sec. 6-23S-31E	14,200' Morrow
BHL: 1980' FWL & 660' FNL, Sec. 7-23S-31E	EOG %: 100 WI & 74.5 NRI
Eddy County, New Mexico	AFE No. 0053283007 \$25,000
Los Medanos Field	SC No. 7406-AA2
James Ranch Prospect	Product Call %: 100

- 10-04-88 (1) Morrow; 6 hr RU Dowell; pmp 500 gal 7-1/2% MSR-100, 30,000 scf N2 pad, 11 BBL 7-1/2% MSR-100 containing 1000 scf N2/BBL; press incr to 10,000 psi; SD; bled press dn; load tbg w/24 BBL 2% KCl; press incr to 10,000 psi; SD; bled off; SIFN; NOTE: prior to pmpg acid, loaded annulus w/293 BW; EDWC \$1,180; ETWC \$1,180.
- 10-05-88 (2) 9 hr RU Cudd CTU & TIH to 13,852'; hit obstruction; circ w/65 BBL 2% KCl @ 1/2 BPM; wash fill to 13,868'; SI; TOH; RD Cudd; 15 hr SI; EDWC \$4,469; ETWC \$5,649.
- 10-06-88 thru
10-10-88 SI.
- 10-11-88 (3) 7-1/2 hr RU pulling un; TP 0, CP 2500#; bled csg press dn; ND WH; NU BOP; 1 hr pull out of seal assy; fl equalized; pull 10 stds; 12-1/2 hr SIFN; EDWC \$2,301; ETWC \$7,950.
- 10-12-88 (4) 1 hr SI; 3-1/2 hr TOH w/2-3/8" tbg; 1/2 hr redress seal assy; 5 hr TIH & rabbit tbg in hole; found nothing inside tbg; 14 hr SIFN; EDWC \$2,750; ETWC \$10,700.
- 10-13-88 (5) 1 hr SI; 1-1/2 hr mix pkr fl & RU Dowell; 3 hr displ hole w/pkr fl; last 50 BBL 2% KCl cont Cla-Sta + Surfactant; 2 hr sting into pkr w/seal assy; ND BOP; NU WH; 16-1/2 hr SIFN; EDWC \$4,690; ETWC \$15,390.
- 10-14-88 (6) 1 hr SI; 1-1/2 hr RU Monument WSU; 1/2 hr RU McCullough WL; 1-1/2 hr TIH w/WL to 14,262'; 5 hr perf Morrow w/1 spf 14,139-146', 14,151-166', 14,717-189', 14,195-202', tot of 51 - 0.34" diameter holes. all shots fired; 1/2 hr RD WL; RU Dowell; 3/4 hr tst lines to 10,000 psi; pmp 20 BBL 2% KCl cont Cla-Sta + Surfactant; AIR 6 BPM @ 6800 psi; ISIP 2500#, 5 min 600#, 10 min 0#; 1/2 hr RD Dowell; RU to swb; 1-1/2 hr swb to 4100', IFL surf, rec 16 BW; 11-1/4 hr SIFN; EDWC \$7,043; ETWC \$22,433.
- 10-15-88 (7) 1 hr SITP 1000 psi; 1-1/2 hr bled to 0; rec 5 BW; 3-1/2 hr RU swb, IFL 5300', FFL 9000'; rec 12 BW; had 700' entry on last swb run; 3/4 hr SI; 5-1/4 hr flo to pit; flwg in hds @ 20-70 psi; rec 27 BW; last 2 hr - flo G w/very little wtr & no press; SI 10 min, TP incr to 160#; 12 hr SIFN; EDWC \$1,110; ETWC \$23,543.
- 10-16-88 (8) 1 hr SI; 3 hr bleed fr 2300 to 30 & rec 20 BW; 2 hr flwg on 3/4" ck w/FTP 30-50#, no fl; 1 hr flwg on 12/64" ck w/FTP w/no fl; 17 hr SI; EDWC \$900; ETWC \$24,443.

ENRON OIL & GAS COMPANY
LOS MEDANOS (MORROW) FIELD

TD: 14640 PBTD: 14597

GL: 3300 KB: 3327

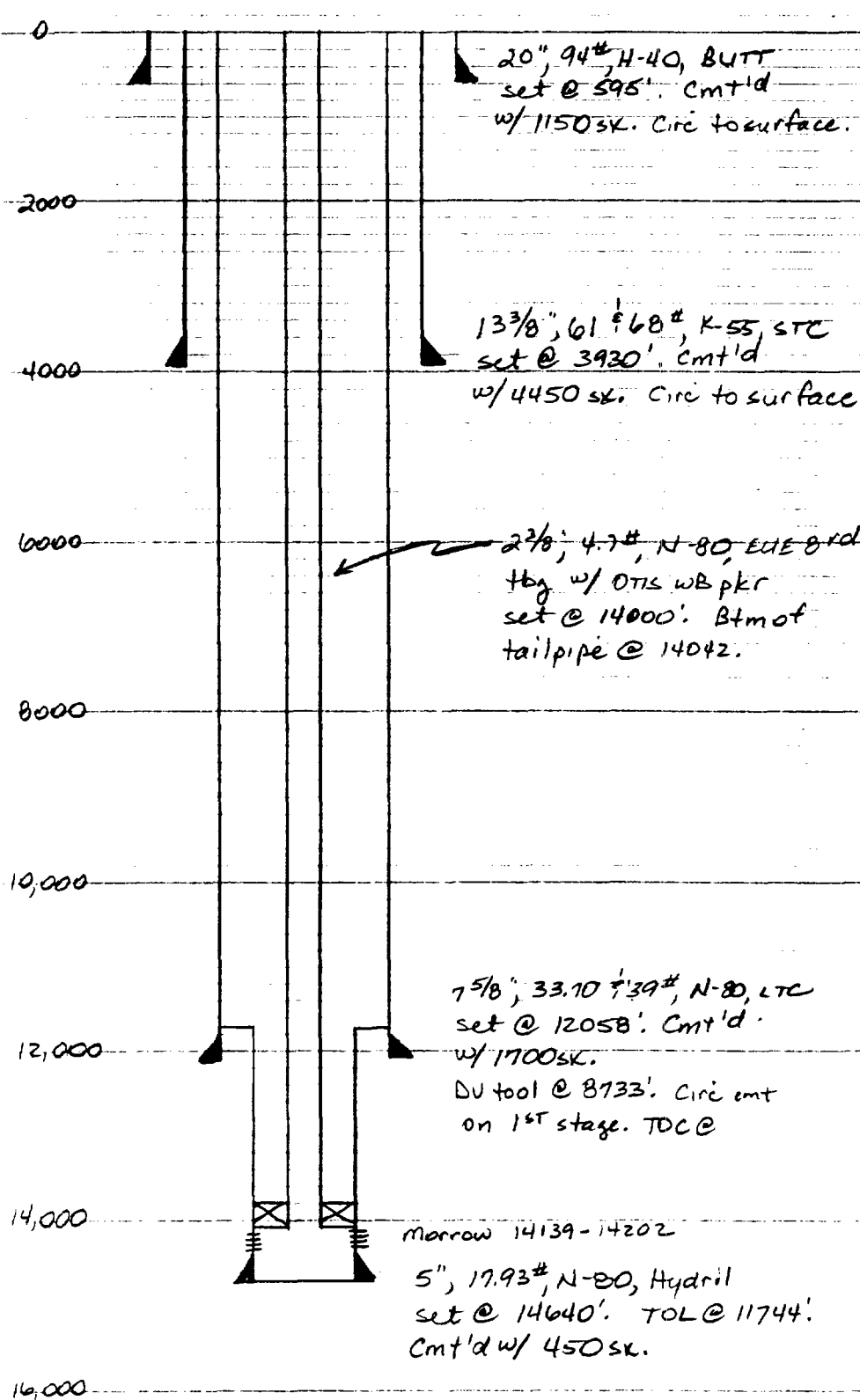
JAMES RANCH UNIT No. 14

SURFACE: 1980' FWL & 100' FSL, Sec 6

BHL: 1980' FWL & 660' FNL, Sec 7

T-23-S, R-31-E

Eddy County, New Mexico



SPUD 4-6-83

Completion:

LINER TOP leaked. Could not
pump into liner top. Perf
12100-101 w/ 4 holes. Could not
pump into holes. Spot acid
12111-11544. Break down
2.5 BPM @ 3500#. Set EZSV
@ 11553'. Squeeze w/ 150 SK
CI "H" cmt. Drill out. Press
test OK to 3000#. Backflow
test perf. Leaking. Spot acid
& breakdown. Set EZSV @ 11710'.
Squeeze w/ 150 SK. Drill out.
Press test OK. Backflow test.
No leaks.

Set OTIS WB pkr @ 14000'. TIH
w/ tbg. NU tree. Swab FL to 11000'.
Perf Morrow 14139-46 (15 holes),
14151-66 (31 holes), 14171-89 (37 holes),
14195-202 (15 holes), total of 98
-0.38" holes. Swab & kick off
flowing 2.8 MMCFD, 0 BO, 1/2
BWPH, FTP 500, 3/4" ck.
1ST SALES DEC '83.

COMPANY

Belco Petroleum

COMPANY REP.

Larry Sizemore

COUNTY

Eddy

STATE

NM

JAMES RANCH #4

CASING

5"

LINEAR

2 3/8

UPPER

2 3/8

MIDDLE

LOWER

SIZE

WEIGHT

GRADE

THREAD

SIZE

WEIGHT

GRADE

THREAD

SIZE

WEIGHT

GRADE

THREAD

SIZE

WEIGHT

GRADE

THREAD

COMPLETION FLUID IN CASING

Brine

TUBING WT. ON

12,000 compressed

TYPE LATCH

Straight

OPERATOR'S NAME

C. Parks

OTIS OFFICE

Hobbs

ISS.

376865

DATE

8/15/83

ITEM	DEPTH	LENGTH	FD	OD	DESCRIPTION
	14,042.75				End of Guide
1	14,040.81	1.94		3.09	Mule Shoe Guide
2	14,039.54	1.27	1.79	3.09	OTIS "X" NIPPLE
3	14,031.57	7.97		3.09	2 3/8 EU N-80 Sub w/camp
4	14,030.37	1.20	1.975	3.09	OTIS "X" NIPPLE
5	14,022.43	7.94		3.09	2 3/8 EU N-80 Sub w/camp
6	14,021.85	.58		3.81	2 3/8 TO Seal Bore ADPT.
7	14,017.73	4.12	2.55	3.81	Seal Bore w/camp
8	14,009.59	8.14	2.55	3.81	Seal Bore w/camp
9	14,001.55	8.04	2.55	3.81	Seal Bore with ADPT TO PKR
10	14,000.00	1.55	2.55	3.94	OTIS 5" 15-21" WB PKR
	14,020.33				End of Guide
11	14,019.16	1.17	1.94	2.54	Guide
12	14,014.89	4.27	1.94	2.54	4 molded seals
13	14,008.89	6.00	1.94	2.54	3 spacers
14	14,007.83	1.06	1.94	2.54	1 molded seal
15	14,001.82	6.01	1.94	2.54	3 spacers
16	14,000.72	1.10	1.94	2.54	1 seal
17	14,000.00	.72	1.94	3.02	STRAIGHT slot locator
18	78.93	13921.07			44' JTS 2 3/8 Tubing
19	68.98	9.95			10' 2 3/8 sub
20	62.88	6.10			6' 2 3/8 sub
21	58.78	4.10			4' 2 3/8 sub
22	27.00	31.78			1 JT 2 3/8 Tubing
	-0-	27.00			KB

Liner at 11,740

BELCO PETROLEUM CORPORATION
DRILLING RECORD

AFE NO. _____

FIELD Los Medanos LEASE James Ranch WELL NO. 14

DATE	DEPTH	DETAIL OF OPERATION Completion																																									
8/22/83	Report 34	Converting to production																																									
8/23/83		" "																																									
8/24/83		Prep to run AOF. Completed installation of prod. facilities.																																									
8/25/83		WO sales line connection. DWT 4950#. RU John West Engr. Ser. & TIH w/ 1 3/8" x 6' bar to 13900'. TOH. No obstructions. TIH w/ BHP guage to 13900' & run AOF. <table><tr><td></td><td>FTP</td><td></td><td>Gas Vol</td><td>LP</td><td></td><td></td></tr><tr><td>Run</td><td>DWT</td><td>CK</td><td>MCFD</td><td>Psig</td><td>BC</td><td>BSW</td></tr><tr><td>1</td><td>3863</td><td>9/64"</td><td>1200</td><td>490</td><td>0</td><td>0</td></tr><tr><td>2</td><td>3320</td><td>11/64"</td><td>1650</td><td>490</td><td>0</td><td>0</td></tr><tr><td>3</td><td>3025</td><td>13/64"</td><td>1850</td><td>490</td><td>0</td><td>0</td></tr><tr><td>4</td><td>2122</td><td>15/64"</td><td>2450</td><td>490</td><td>0</td><td>0</td></tr></table>		FTP		Gas Vol	LP			Run	DWT	CK	MCFD	Psig	BC	BSW	1	3863	9/64"	1200	490	0	0	2	3320	11/64"	1650	490	0	0	3	3025	13/64"	1850	490	0	0	4	2122	15/64"	2450	490	0
	FTP		Gas Vol	LP																																							
Run	DWT	CK	MCFD	Psig	BC	BSW																																					
1	3863	9/64"	1200	490	0	0																																					
2	3320	11/64"	1650	490	0	0																																					
3	3025	13/64"	1850	490	0	0																																					
4	2122	15/64"	2450	490	0	0																																					
8/26/83	Report 35	SI @ 4:00 PM & TOH. Obtained good chart. WO sales line connection. CAOF 3284 MCFD. BHP @ 13900' - 6269 psi Dropped until connected to sales line.																																									

16

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

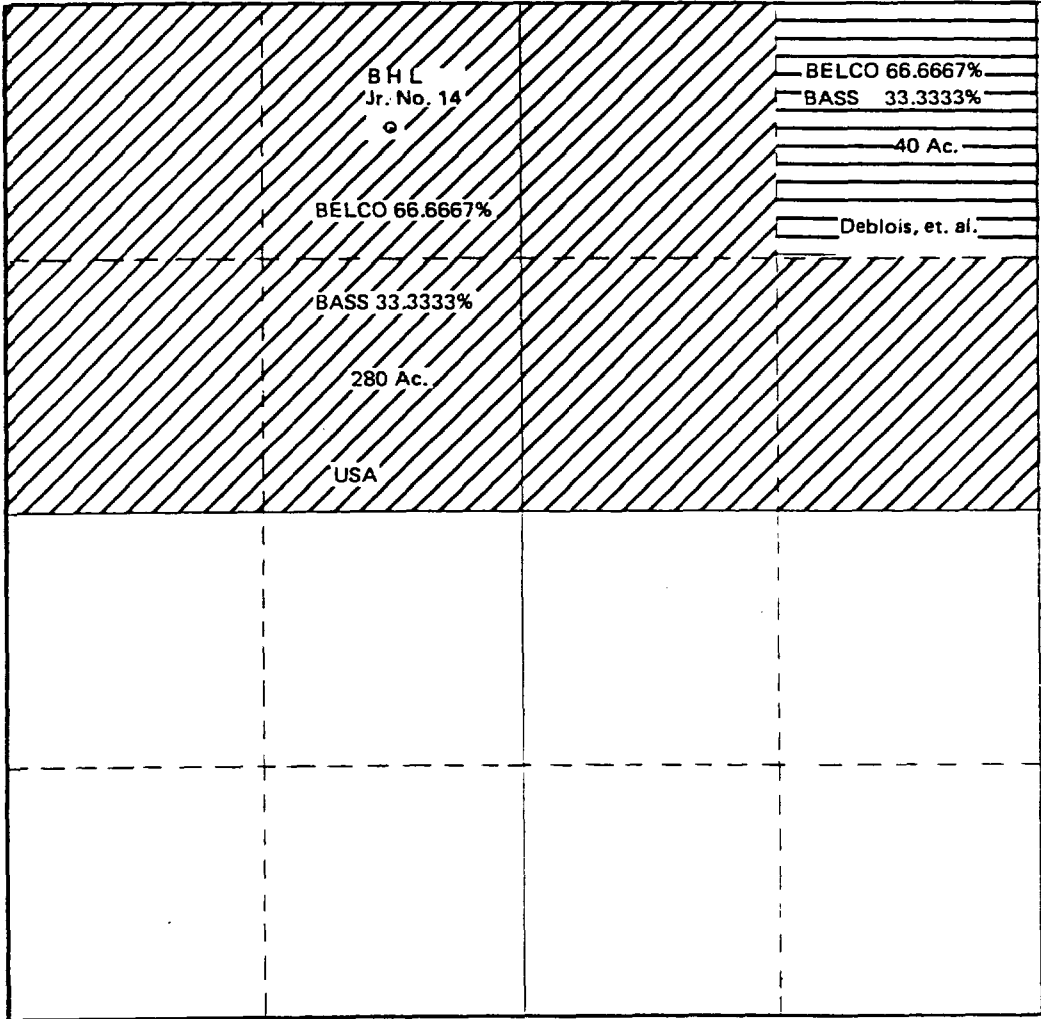
Operator: Belco Petroleum		Lease James Ranch		Well No. 14
Unit Letter	Section 7	Township 23-S	Range 31-E	County Eddy
Actual Footage Location of Well: Approximate bottom hole location 1980 feet from the West line and 660 feet from the North line				
Ground Level Elev.	Producing Formation		Pool	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation James Ranch Unit

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

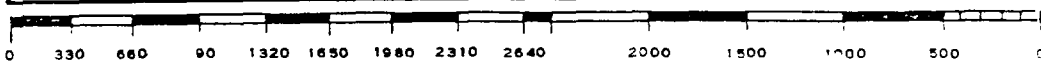
P E Slavia

Name
DIVISION DRILLING ENGINEER
Position
BELCO PETROLEUM CORP.
Company
1-20-83
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Registered Professional Engineer
and/or Land Surveyor

Certificate No.



1/20/83 V1.01

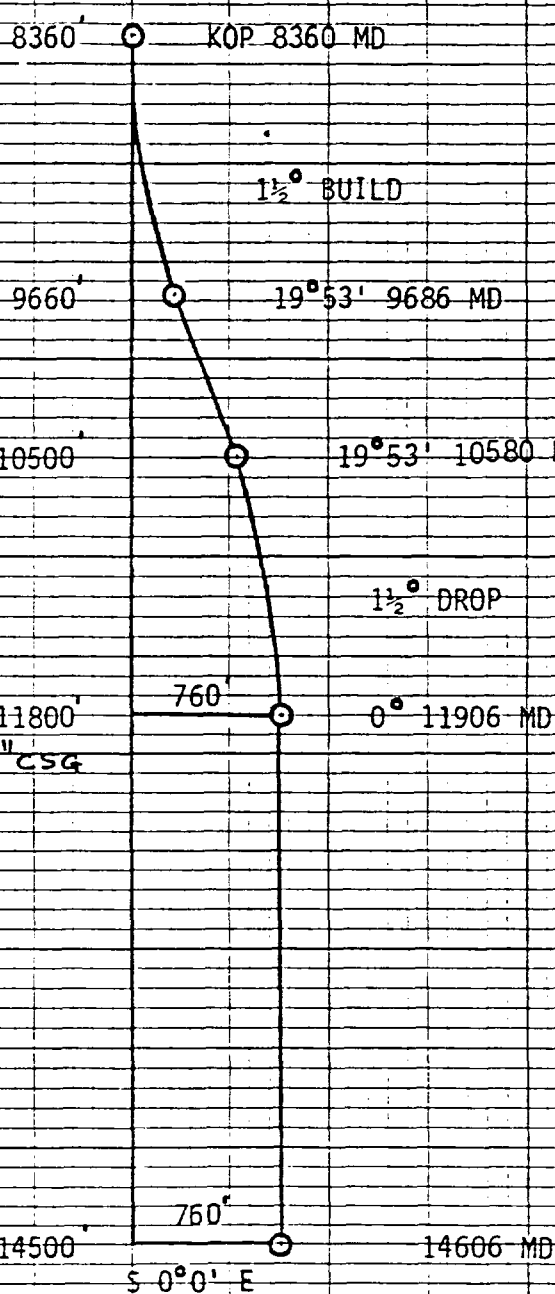
BELCO PETROLEUM CORP.
JAMES RANCH WELL NO. 14
EDDY COUNTY, NEW MEXICO

DIRECTIONAL PLAT

1"=200'

SURFACE
100 FSL
1980 FWL
SECTION 6

1"=1000'



11800 TVD
660 FNL
1980 FWL
SECTION 7



NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-02887-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

James Ranch Unit

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Los Medanos-Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY

SL: Sec. 6, T-23-S, R-31-E

BHL: Sec. 7, T-23-S, R-31-E

12. COUNTY OR

PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLOG BACK ☐DIFF. RESVR. ☐Other ☐

2. NAME OF OPERATOR

Belco Development Corporation

3. ADDRESS OF OPERATOR

10,000 Old Katy Road, Suite 100, Houston, Texas 77055

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FWL and 100' FSL, Sec. 6

At top prod. interval reported below

1980' FWL and 660' FNL, Sec. 7

At total depth

14. PERMIT NO.

DATE ISSUED

2-10-83

15. DATE SPUDDED

4/6/83

16. DATE T.D. REACHED

7/12/83

17. DATE COMPL. (Ready to prod.)

8/20/83

18. ELEVATIONS (DF, REB, RT, OR, ETC.)*

3320 KB

19. ELEV. CASINGHEAD

3300

20. TOTAL DEPTH, MD & TVD

14,640'

21. PLUG, BACK T.D., MD & TVD

14,597

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

14,139 - 14,202 Morrow

26. TYPE ELECTRIC AND OTHER LOGS RUN

DSN - Dual Guard for X0

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	595	26"	1150	
13 3/8	68#	3930	17 1/2	4450	
17 5/8	33-39#	12,053	9 7/8	#1 700; #2 1000	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,744	14,640	450		2 3/8	14,020	14,020

31. PERFORATION RECORD (Interval, size and number)

14,139 - 14,202

3/8" -- 98 Holes

32. ACID, SHOT, FRAC, GEL, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,139 - 14,202	3/8" -- 98 Holes

33. PRODUCTION

DATE FIRST PRODUCTION

8/20/83

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

SI WOPL

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO.
3/24/83	4	11/64	---	0	2657	0	---
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2122	PKR	---	0	---	---	---	---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented during AOF

TEST WITNESSED BY

Belco Development Corp.

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Carl M. Fries

TITLE

Production Superintendent

DATE

9/7/83

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3938	7806	Sand and Shale	Strawn	12827	12670
Bone Spring	7707	11239	Limestone, Sandstone & Shale	Atoka	13071	12943
Wolfcamp	11240	12684	Limestone and Shale	Morrow	14016	12877
Strawn	12827	12928	Limestone			
Atoka	13071	13873	Shell, Shale and Limestone			
Morrow	14016	14650	Sandstone and Shale			

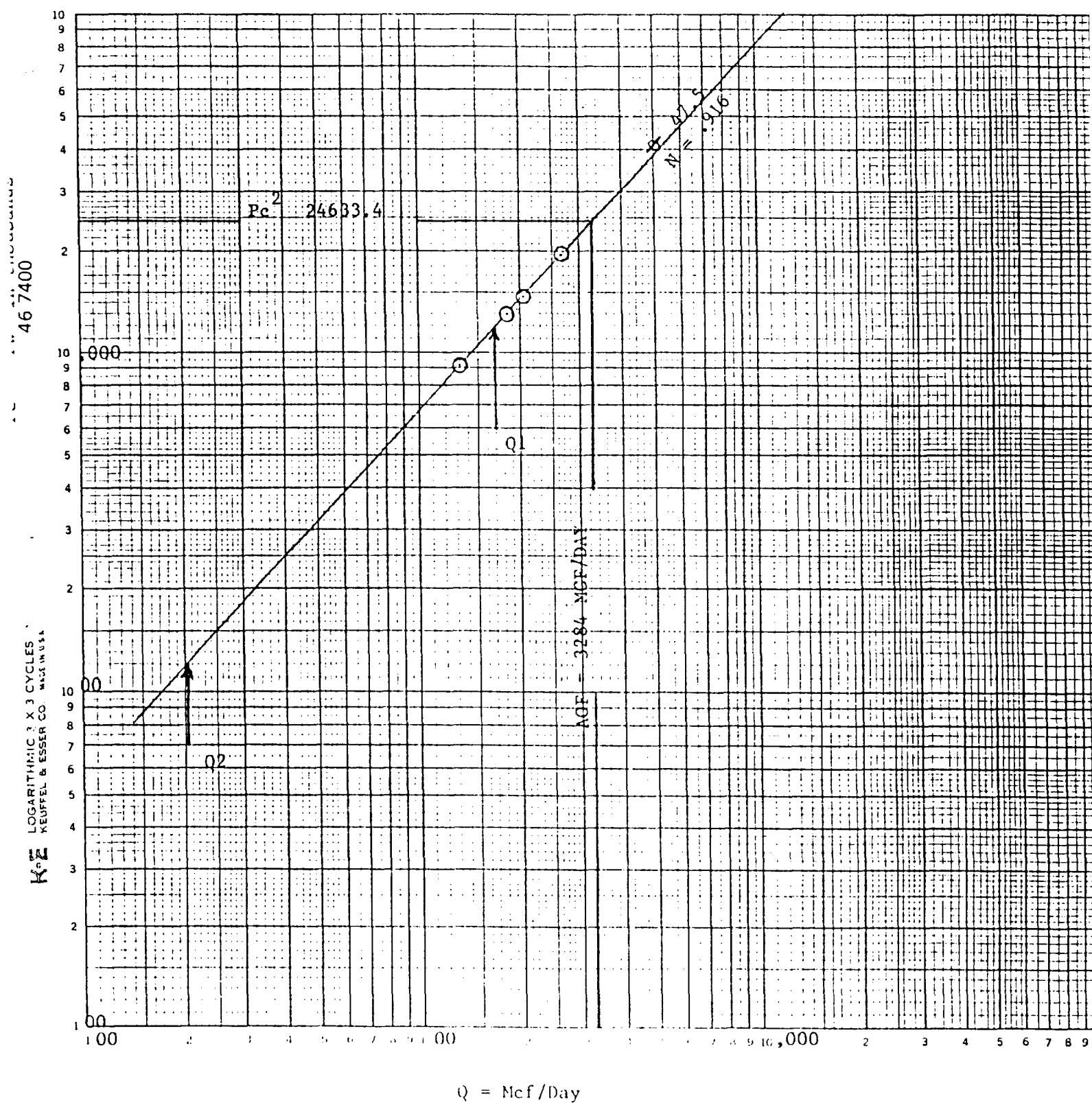
NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 8-24-83							
Company Belco Development Corp.				Connection To Air							
Pool Los Medanos - Atoka				Formation Morrow							
Completion Date 8/20/83		Total Depth 14,640		Plug Back TD 14,597							
				Elevation 3320 KB							
Farm or Lease Name James Ranch Unit											
Csg. Size 5"	Wt. 17.93	d 4.276	Set At 14,640	Perforations: From 14,139 To 14,202							
Thg. Size 2 3/8"	Wt. 4.7#	d 1.995	Set At 14,020	Perforations: From --- To ---							
Type Well - Single - Rndnhead - G.C. or G.O. Multiple Single				Packer Set At 14,042							
Producing Thru Tubing		Reservoir Temp. °F 213° 13,900		Mean Annual Temp. °F 60°							
				Baro. Press. - P _a 13.2							
L 13,900	H 13,900	Cg .581	% CO ₂ 1.568	% N ₂ 278	% H ₂ S						
				Prover	Meter Run 3"						
				Taps Flange							
FLOW DATA											
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	Duration of Flow
SI							4950		PKR.	CHOKE	48 Hrs.
1.	3	x	1.750	490	8	80°	3863			9/64	1 Hr.
2.	3	x	1.750	490	15	74	3320			11/64	1 Hr.
3.	3	x	1.750	490	19	75	3025			13/64	1 Hr.
4.	3	x	1.750	490	32	75	2122			16/64	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1	15.61	63.45	503.2	.9813	1.312	1.037	1322				
2	15.61	86.88	503.2	.9868	1.312	1.037	1821				
3	15.61	97.78	503.2	.9859	1.312	1.037	2047				
4	15.61	126.89	503.2	.9859	1.312	1.037	2657				
5											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Dry _____ Mcf/bbl.						
1	.75	540	1.54	.932	A.P.I. Gravity of Liquid Hydrocarbons _____ -0- _____ Deg.						
2	.75	536	1.53	.930	Specific Gravity Separator Gas .581 XXXXXXXXXX						
3	.75	535	1.53	.930	Specific Gravity Flowing Fluid XXXXXX						
4	.75	535	1.53	.930	Critical Pressure 672 P.S.I.A. _____ P.S.I.A.						
5					Critical Temperature 350 R _____ R						
$P_c = 4963.2$ $P_c^2 = 24633.4$					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.260$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.236$						
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²							
1		3946.8	15577.2	9056.2							
2		3419.1	11690.2	12943.2							
3		3129.3	9792.5	14840.9							
4		2255.8	5088.6	19544.8							
5											
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.284$											
Absolute Open Flow 3,284 Mcfd @ 15.025				Angle of Slope θ 47.5	Slope, n 916						
Remarks: Bottom Hole Pressures measured with Kuster gauge. Calculated from known bottom hole pressures.											
Approved By Commission:		Conducted By: W.S.		Calculated By: R.R.							
				Checked By: R.R.							

AUGUST 24, 1963

$$\begin{array}{r} Q1 = 1700 = 3.230448 \\ Q2 = 206 = 2.314448 \\ \hline N = .916000 \end{array}$$





PHONE 505/393-3561 • P. O. BOX 1161 • 611 W. SNYDER • HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: JOHN WEST ENG. ANALYSIS NUMBER: 1251
ADDRESS: 412 N DAL PASO DATE OF RUN: 08/25/83
CITY, STATE: HOBBS NEW MEXICO 88240 DATE SECURED: 08/24/83

SAMPLE IDENT: BELCO DEVELOPMENT CORP. - JAMES RANCH #14
SAMPLING PRESS: SAMPLING TEMP:

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	0.278	
CARBON DIOXIDE	1.568	
METHANE	96.264	
ETHANE	1.588	0.424
PROPANE	0.216	0.059
ISO-BUTANE	0.029	0.009
NORMAL BUTANE	0.029	0.009
ISO-PENTANE	0.016	0.005
NORMAL PENTANE	0.012	0.004
HEXANES	0.000	0.000
HEPTANES PLUS	0.000	0.000
TOTAL	100.000	0.51

PROPANE GPM:	0.06	BUTANES GPM:	0.02
ETHANE GPM:	0.42	PENTANES PLUS GPM:	0.01

SPECIFIC GRAV (CALC): 0.5815
MOLE WEIGHT: 14.84

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		991	1009
14.658		998	1006
14.730		995	1011
14.735		994	1011

EXHIBIT "A"

Attached to and made a part of that certain Communitization Agreement dated February 15, 1983, embracing T23S, R31E, N.M.P.M., Section 7: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$, containing 322.53 acres, more or less, Eddy County, New Mexico

Operator of Communitized Area: BELCO PETROLEUM CORPORATION

FEDERAL LEASES

DESCRIPTION OF LEASES COMMITTED

Lands Covered by Tract 1 Lease:	<u>TRACT NO. 1</u> <u>Township 23 South, Range 31 East, N.M.P.M.</u> <u>Section 7: NW$\frac{1}{4}$NE$\frac{1}{4}$, S$\frac{1}{2}$NE$\frac{1}{4}$</u> containing 120.00 acres, more or less
Lessor:	United States of America
Lessee of Record:	Bass Enterprises Production Co. and Perry R. Bass
Serial Number of Lease:	NM-02887-B*
Form of Lease:	Non-Competitive 4-213 (December 1949)
Date of Lease:	April 1, 1952
Working Interest and Percentage:	Bass Enterprises Production Co.....75% Perry R. Bass.....25%
Production Payment:	Wallace Wimberly.....Production
<i>Leasehold Burdens 25%</i>	payment based on \$400 per acre out of 1% of the gross income received from production
Lands Covered by Tract 2 Lease:	<u>TRACT NO. 2</u> <u>Township 23 South, Range 31 East, N.M.P.M.</u> <u>Section 7: Lots 1, 2, E$\frac{1}{2}$NW$\frac{1}{4}$</u> containing 162.53 acres, more or less
Lessor:	United States of America
Lessee of Record:	Bass Enterprises Production Co. and Perry R. Bass
Serial Number of Lease:	NM-02887-D*
Form of Lease:	Non-Competitive 4-213 (December 1949)
Date of Lease:	April 1, 1952
Working Interest and Percentage:	Bass Enterprises Production Co.....75% Perry R. Bass.....25%
Production Payment:	Wallace Wimberly.....Production
<i>Leasehold Burdens 25%</i>	payment based on \$400 per acre out of 1% of the gross income received from production

*Held by Production from James Ranch Unit

FEE LEASES

Lands Covered by Tract 3 Leases: TRACT NO. 3
Township 23 South, Range 31 East, N.M.P.M.
Section 7: NE $\frac{1}{4}$ NE $\frac{1}{4}$
 containing 40.00 acres, more or less

Lease 1:

Lessor: James Gordon DeBlois, as his sole and separate property
 Lessee of Record: Belco Petroleum Corporation
 Date of Lease: February 22, 1980
 Primary Term: Five years effective May 24, 1980
 Royalty Rate: 18.75%
 Working Interest and Percentage: Belco Petroleum Corporation.....66.6667%
 Bass Enterprises Production Co...25.0000%
 Perry R. Bass and Nancy Bass..... 8.3333%
 Overriding Royalty: None

Lease 2:

Lessor: Joanne B. James et al
 Lessee of Record: Belco Petroleum Corporation
 Date of Lease: April 8, 1981
 Primary Term: Five years
 Royalty Rate: 18.75%
 Working Interest and Percentage: Belco Petroleum Corporation.....66.6667%
 Bass Enterprises Production Co...25.0000%
 Perry R. Bass and Nancy Bass..... 8.3333%
 Overriding Royalty: None

Lease 3:

Lessor: Charles L. Southard et ux
 Lessee of Record: Belco Petroleum Corporation
 Date of Lease: July 8, 1981
 Primary Term: Three years effective August 29, 1981
 Royalty Rate: 25%
 Working Interest and Percentage: Belco Petroleum Corporation.....66.6667%
 Bass Enterprises Production Co...25.0000%
 Perry R. Bass and Nancy Bass..... 8.3333%
 Overriding Royalty: None

Lease 4:

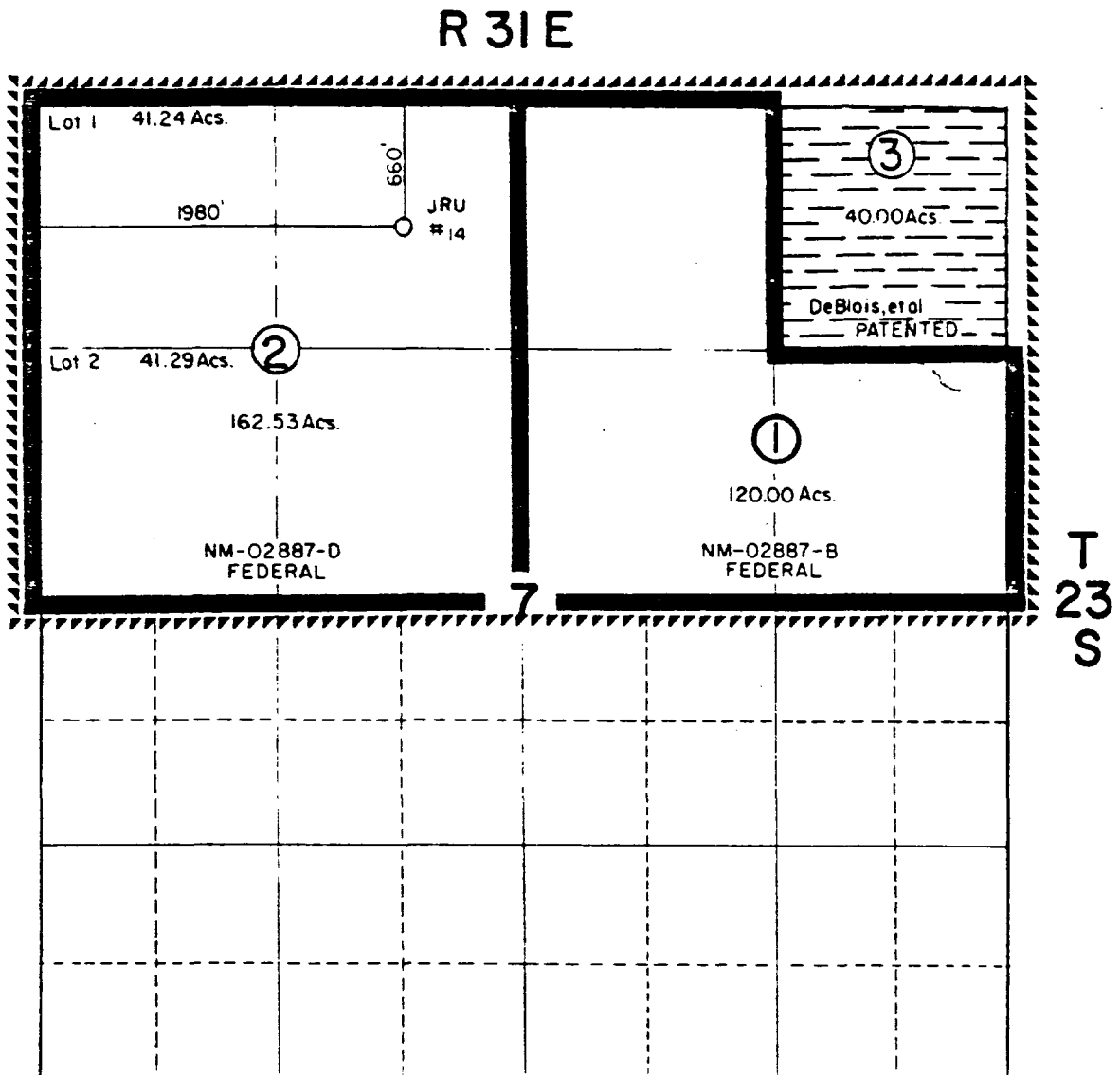
Lessor: Sweetie J. Boyle, Individually and as Independent Executrix of the Estate of R. E. Boyle, Deceased
 Lessee of Record: Belco Petroleum Corporation
 Date of Lease: July 8, 1981
 Primary Term: Three years effective August 29, 1981
 Royalty Rate: 25%
 Working Interest and Percentage: Belco Petroleum Corporation.....66.6667%
 Bass Enterprises Production Co...25.0000%
 Perry R. Bass and Nancy Bass..... 8.3333%
 Overriding Royalty: None

Lease 5:



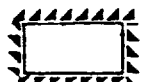
Lessor:	J. C. Mills et ux
Lessee of Record:	Belco Petroleum Corporation
Date of Lease:	January 27, 1983
Primary Term:	One year
Royalty Rate:	18.75%
Working Interest and Percentage:	Belco Petroleum Corporation.....66.6667%
	Bass Enterprises Production Co..25.0000%
	Perry R. Bass and Nancy Bass..... 8.3333%
Overriding Royalty:	None

EXHIBIT "B"

Attached to and made a part of that certain Communitization Agreement dated February 15, 1983, embracing T23S, R31E, N.M.P.M., Section 7: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$, containing 322.53 acres, more or less, Eddy County, New Mexico



LEGEND

- ① TRACT NUMBER
-  PATENTED LAND
-  FEDERAL LAND
-  COMMUNITIZED AREA

NOTE

TOTAL FEDERAL ACREAGE 282.53 Acs.
 TOTAL PATENTED ACREAGE 40.00 Acs.
 TOTAL COMMUNITIZED Acs. 322.53 Acs.

SCALE 1" = 1000'

PLAT OF COMMUNITIZED AREA

Covering the Atoka and Morrow Formations under T23S, R31E, N.M.P.M., Section 7: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$, Eddy County, New Mexico

REVISION

REV. DT.

LCO PETROLEUM CORPORATION

AUTHORIZATION FOR EXPENDITURE

COMPANY

05

AFE NO. 16128

610

SO.	CHG.	PROPERTY NAME & NUMBER (27)	AUTH. DATE (6)	LOCATION (27)		
1	2	3	11	37 38 43 44 65		
18		James Ranch Unit, Well #14	032483	SL: 1980' FWL & 100' FSL, Sec 6 } T-23 BHL: 1980' FWL & 660' FNL, Sec 7 } R-31		
TYPE OF WORK (23)		P. DEPTH (8)	FORMATION	FIELD NAME	CONTRACTOR	RIG TYPE
66		88 89 96				
DW - Gas		14,500 TVD	Morrow	Los Medanos		Rotary
SO.	CHG.	PROSPECT NAME (22)	STATE (15)	COUNTY / PARISH (15)	CORP. W.I.	
1	2	3	11	32 33 47 48 62	63 CSG. PT. 71	72 COMPL. 80
19		James Ranch Unit	New Mexico	Eddy	-----	-----

NO MORE THAN NINE DIGITS PER COLUMN-WHOLE DOLLARS ONLY

SO.	CHG.	PROPERTY NO.	11	17	CSG. PT. COST	COMPL. COST	TOTAL COST
1	2	3	4	5	21	23	25
20		7406010			730	734	
INTANGIBLE EXPENSE					24	32	34
18	20						
		Rig Expenditure					
		Move In & Out					
		Drilling 14620 Ft @ \$ 70 /Ft 1,023,000					
		Daywork 2 days @ 6500/day 13,000					
		Completion/W.O. Unit (5X5000) + (15X1800)					
218		Total Rig Expenditure			1,036,000	52,000	1,088,000
612		Location- Roads, Row & Damages			25,000	6,000	31,000
204		Contract Professional Services			42,000	15,000	57,000
418		Mud & Additives			180,000	40,000	220,000
220		Mud Logging			33,000	----	33,000
424		Bits			----	3,000	3,000
228		Tubular Testing/Inspection			11,000	11,000	22,000
230		CSG/TBG Crews/Tools			----	----	----
422		Float Eq., Cent & Scratchers			12,000	6,000	18,000
420		Cement Additives & Pump Trucks			64,000	23,000	87,000
236		Water & Water Hauling			18,000	4,000	22,000
222		Coring & Analysis			----	----	----
224		Elec. Line- Logs, Perf, Production, Etc.			68,000	16,000	84,000
226		Well Testing- DST, Wireline, Etc.			----	5,000	5,000
512		Eq. Rntls. - Surface/Downhole			36,000	12,000	48,000
950		Directional Drilling Expense			----	----	----
234		Transportation- Land- Marine			23,000	5,000	28,000
410		Fuel, Power & Water			----	----	----
930		Well Stimulation			----	30,000	30,000
830		Overhead			18,000	4,000	22,000
790		Misc. & Contingency			60,000	23,000	83,000
TOTAL INTANGIBLE EXPENSE					1,626,000	255,000	1,881,000

SO.	CHG.	TANGIBLE EXPENSE	CSG. PT. COST	COMPL. COST	TOTAL COST
1	2	3	4	5	6
20			732	736	
		CSG. & LINER			
		Drive Ft O.D. @ \$ /Ft =			
		Cond. 600 Ft 20" O.D. @ \$ 58.30 /Ft = 35000			
		Surf. 4000 Ft 13-3/8" O.D. @ \$ 29.49 /Ft = 118,000			
		Intr. 12120 Ft 7-5/8" O.D. @ \$ 32.26 /Ft = 391,000			
		Prod. Ft O.D. @ \$ /Ft =			
		Liner 2920 Ft 5" O.D. @ \$ 22.48 /Ft = 66,000			
428		TOTAL	544,000	66,000	610,000
432		TUBING 14600 Ft 2-3/8" O.D. @ \$ 5.97 /Ft = 87000	----	87,000	87,000
430		WELLHEAD EQUIPT.	55,000	37,000	92,000
440		WELL PROD. EQUIPT.-DOWNHOLE & SURFACE	----	38,000	38,000
442		PROD. FACILITIES-TANKS, EQUIPT. & LINES	----	41,000	41,000
450		MARINE PLATFORMS			
452		OFFSHORE PROD. FACILITIES			
TOTAL TANGIBLE EXPENSE			599,000	269,000	868,000
TOTAL WELL COST			2,225,000	524,000	2,749,000

WORKING INTEREST	PER CENT	CASING POINT	COMPLETED WELL
Belco Petroleum	66.667	\$1,483,341	\$1,832,676
Bass Enterprises	33.333	741,659	916,324

BELCO APPROVAL

ENGINEERING

DATE

DIVISION

3/9/83

MANAGEMENT

3-14-83

JOINT INTEREST APPROVAL

COMPANY

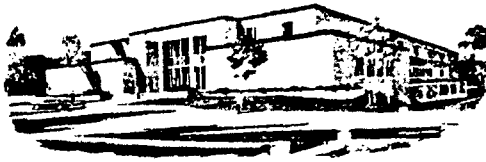
DATE

BY

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-991

January 3, 1989

Bass Enterprises Production Co.
Attn: Jens Hansen
First City Bank Tower, 201 Main St
Fort Worth, Texas 76102

Re: 1989 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development.

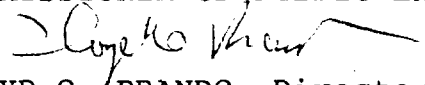
Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

cc: OCD
BLM

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

December 12, 1988

Bureau of Land Management
P. O. Box 1397
Roswell, New Mexico 88201

#472

Attn: Mr. Joe Lara

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Sante Fe, New Mexico 87504-1148

Attn: Mr. Floyd Prando

New Mexico Oil Conservation Division
P. O. Box 2088
Sante, Fe New Mexico

Attn: Mr. Bill LeMay

Re: 1989 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Bass Enterprises Production Co., operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 1989.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in the James Ranch Unit in prior years.

1988 ACTIVITY

No wells were drilled during the year 1988, due to the 1) elimination of unit lands for the WIPP site, 2) substantial remaining portion of this Unit located within life-of-the-mine reserves as designated by potash operators, and 3) poor market for gas in southeastern New Mexico.

FUTURE DEVELOPMENT

Bass is not planning to drill any wells on unit lands during the calendar year 1989. However, a Morrow Test Well is to be drilled in the SW/4 NE/4 of Section 17, T23S-R31E, Eddy County, New Mexico. The N/2 of Section 17 has been designated as the drilling and spacing unit for this well. The NW/4 of Section 17 is dedicated to the James Ranch Unit. Therefore, unit lands are included within a drilling and spacing unit for the drilling of a gas well during the year 1989, which will test unit lands for oil and gas production.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from the lands subject to the James Ranch Unit Agreement or pursuant applicable regulations.

ADDITIONAL DEVELOPMENT

This Plan of Development will constitute the activity to be conducted under the terms of the James Ranch Unit Agreement for the period ending December 31, 1989. In the event economic conditions should change, resulting in the improvement of marketing oil and gas in this unit area, the operator will modify this plan of development to provide for additional activity. Presently, six (6) gas wells are shut-in in the James Ranch Unit due to the poor gas market. Gas sales will resume from the wells when prices will justify additional development.

MODIFICATIONS

In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

EFFECTIVE DATE

This plan of development shall be effective from January 1, 1989, to December 31, 1989.

If this Plan of Development meet with your approval, please so indicate by signing in the appropriate space provided below and return one (1) copy to Bass for its records.

Very truly yours,


Jens Hansen

JH:ca

ACCEPTED TO AND AGREED this 28th day of Dec., 1988.

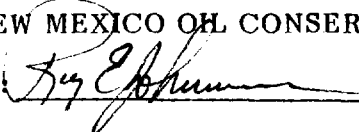
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By:  _____

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

472

July 19, 1988

Bureau of Land Management
Roswell District Office
P.O. Box 1397
Roswell, New Mexico 88201

Attn: Joe Lara

Re: Bass Lease No. 4940 - Federal
James Ranch Unit Well No. 15
791' FSL and 1,924' FEL
Section 7, T23S-R31E
Eddy County, New Mexico

Gentlemen:

Pursuant to that certain Designation of Agent dated June 16, 1984, designating Belco Development Corporation, now Enron, as Agent for Bass Enterprises Production Co., Operator of the James Ranch Federal Unit, the James Ranch Unit Well No. 15 was drilled pursuant to an approved plan of development for the year 1984. The well was directionally drilled from a surface location 660' FSL and 100' FWL Section 8, T23S-R31E to a bottom hole location 791' FSL and 1,924' FWL Section 7, T23S-R31E. The well was drilled to a total vertical depth of 14,694' and plugged back to a depth of 14,594', at which depth the well was completed in the Morrow formation with a perforation interval of 14,100' to 14,186'. The well was completed on October 15, 1984, and has produced gas from the Morrow formation since the completion date until recently, when the well ceased to produce.

As the record Operator of this well, Bass Enterprises Production Co. has decided to assume operations and conduct a workover operation in the Morrow formation in an attempt to re-establish production. Bass believes that abandoning the Morrow formation prior to cleaning the bore hole and acidizing the perforations could result in the waste of hydrocarbons.

The Designation of Agent dated January 16, 1984, designating Belco Development Corporation as Agent provides that the Designation of Agent is deemed to be temporary and in no manner a permanent arrangement, and that unless sooner terminated, the designation shall terminate when there is filed in the appropriate district office of the United States Geological Survey a complete file of all required federal reports pertaining to subject well. Accordingly, Bass Enterprises Production Co. hereby revokes the said Designation of Agent dated January 16, 1984, and will assume field operations by

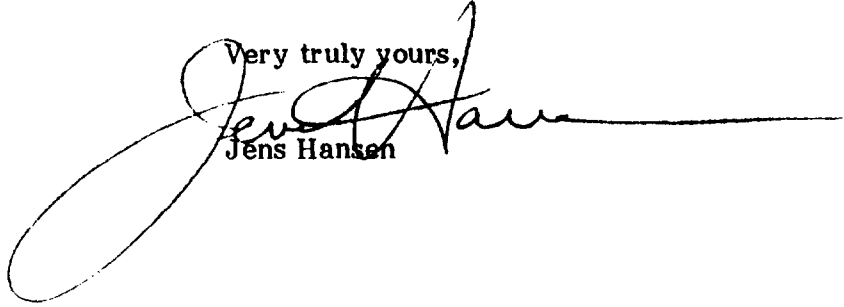
Letter to Bureau of Land Management
July 19, 1988
Page 2

conducting workover operations on this well in an endeavor to re-establish production in the unitized depths. Notice has been given to Enron and plans are being made to make the change in operations.

The Morrow formation in the James Ranch Unit Well No. 15 has not been submitted for a commercial determination inasmuch as sufficient information has not been accumulated to make a determination. At such time as the Operator has the necessary information to submit same for a commercial determination, a recommendation will be made.

If you should have any questions or comments, please contact me at your convenience.

Very truly yours,


Jens Hansen

JH:lm

cc: New Mexico Oil Conservation Division
Commission of Public Lands



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO. OG-660

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

February 3, 1988

Bass Enterprises Production Company
ATTENTION: Mr. Jens Hansen
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: James Ranch Unit
1988 Plan of Development
Eddy County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the James Ranch Unit Area, Eddy County, New Mexico. Such plan calls for the drilling of the Poker Lake Well No. 69 to test the Delaware formation.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

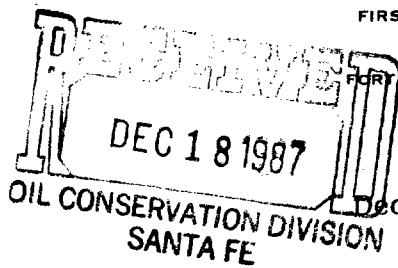
BY: *F. O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez
Gulram, Inc.

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400



December 15, 1987

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

Attention: Mr. Joe Lara

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Mr. Floyd Prando

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Bill LeMay

RE: 1988 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Bass Enterprises Production Co., operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 1988.

History of Past Development

We refer to our previous Plans of Development for a detailed description of the operations conducted in the James Ranch Unit in prior years.

1987 Activity

Seismic and other subsurface evaluations were made during 1987 for future drilling operations. No wells were drilled during the year 1987 due to the denial of our location for the James Ranch Unit Well No. 18, which represents the best geological location on lands still remaining in the unit area.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 15, 1987
Page 2

Future Development

In March of 1983, the Bureau of Land Management, Commissioner of Public Lands and the New Mexico Oil Conservation Division granted the operator, who represents the other working interest owners in the unit, relief from drilling several wells previously approved under the 1983 Plan of Development due to the deteriorating gas market in the Southeastern New Mexico area.

Since 1983, the gas marketing problems in Southeastern New Mexico have grown progressively worse. During 1987, the five unit wells produced a total of 55.67 MM CFG and 4,964 barrels of oil over a production period of 399 days. Each well produced at an average rate of 28 MCFGD which will not even pay operating costs. This economic situation extends payout on our investments beyond an acceptable period. And when the poor oil price is included, it becomes prohibitive to drill exploratory or development wells for oil and gas.

As a result, Operator's plans for 1988 are to continue evaluating seismic and other subsurface data for future drilling when gas prices, as well as the gas market, improve to provide adequate economic incentives for the investment of additional capital.

Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from the lands subject to the James Ranch Unit Agreement or pursuant to applicable regulations.

Additional Development

This Plan of Development will constitute the activity to be conducted under the terms of the James Ranch Unit Agreement for the period ending December 31, 1988. In the event economic conditions should change, resulting in the improvement of gas marketing and the price of oil and gas in this unit area, the operator will modify this Plan of Development to provide for additional activity.

Modifications

In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

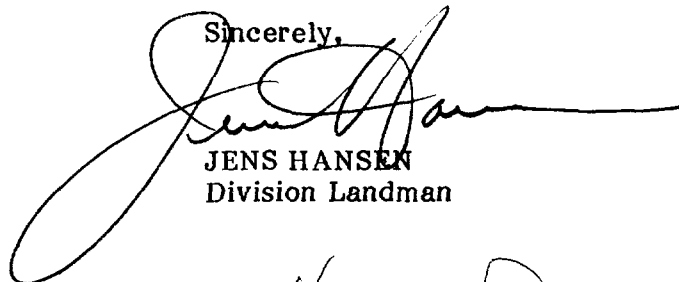
Effective Date

This Plan of Development shall be effective from January 1, 1988 to December 31, 1988.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 15, 1987
Page 3

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one signed signature letter to Bass for its records.

Sincerely,



JENS HANSEN
Division Landman

JH:jh

AGREED TO AND ACCEPTED this 18th day of Dec., 1987

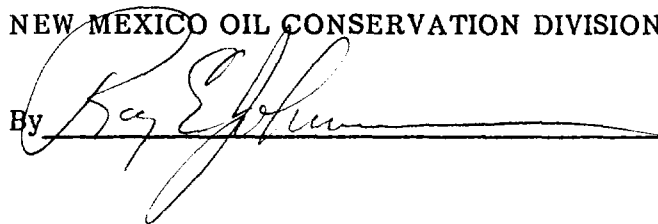
BUREAU OF LAND MANAGEMENT

By _____

COMMISSIONER OF PUBLIC LANDS

By _____

NEW MEXICO OIL CONSERVATION DIVISION

By 

BASS ENTERPRISES PRODUCTION CO.
FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

#472

December 2, 1986

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

Attention: Mr. Joe Lara

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Mr. Floyd Prando

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Richard Stamets

RECEIVED

DEC 11 1986

OIL CONSERVATION DIVISION

RE: 1987 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Bass Enterprises Production Co., operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 1987.

History of Past Development

We refer to our previous Plans of Development for a detailed description of the operations conducted in the James Ranch Unit in prior years.

1986 Activity

Bureau of Land Management approval for Applications For Permit To Drill the James Ranch Unit Wells No. 16, 17 and 18 have expired. The proposed locations for the James Ranch Unit Wells No. 16 and 18 are in an area where the Department of Interior revised potash map indicates the presence of potash deposits in commercial quantities. The James Ranch Unit Well No. 16 was indefinitely deferred under the 1986 Plan of Development. Accordingly, we respectfully request that the designated wells James Ranch Unit 16, 17 and 18 be dropped and reassigned at a future date beginning with the James Ranch Unit Well No. 16 when drilling operations are again initiated.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 2, 1986
Page Two

1986 Activity (continued)

Seismic and other subsurface evaluations were made during 1986 for future drilling operations. No wells were drilled during the year 1986 due to the denial of our location for the James Ranch Unit Well No. 18.

Future Development

In March of 1983, the Bureau of Land Management, Commissioner of Public Lands and the New Mexico Oil Conservation Division granted the operator, who represents the other working interest owners in the unit, relief from drilling several wells previously approved under the 1983 Plan of Development due to the deteriorating gas market in the Southeastern New Mexico area. In a letter dated March 15, 1983, Bass reported that it had invested in excess of \$81,000,000 in drilling capital and equipment in new wells and workovers since 1977. This amount has increased from 1982, through November of 1986, to approximately \$91,000,000 (see attached graph). When added to the money spent by other working interest owners in the Big Eddy, James Ranch and Poker Lake Units, the total expenditure since 1977 is well in excess of \$100,000,000, which does not include lease operating expenses, major maintenance or production taxes. It is our belief that the \$100,000,000 expenditure in the exploration and production of hydrocarbons from these federal units, notwithstanding the amount spent prior to 1977, demonstrates a diligent and good faith effort to develop these units.

Since 1983, the gas marketing problems in Southeastern New Mexico have grown progressively worse. Currently, the gas wells in this unit, at most, are only producing 10% of their deliverability due to gas company curtailments. This economic situation extends payout on our investments beyond the acceptable range. And when the poor oil and gas price factor is included, it becomes prohibitive to drill exploratory or development wells for oil or gas.

As a result, operator's plans for 1987 are to continue evaluating seismic and other subsurface data for future drilling when oil and gas prices, as well as the gas market, improve to provide adequate economic incentives for the investment of additional capital.

Offset Obligation

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from the lands subject to the James Ranch Unit Agreement or pursuant to applicable regulations.

Additional Development

This Plan of Development will constitute the activity to be conducted under the terms of the James Ranch Unit Agreement for the period ending December 31, 1987. In the event economic conditions should change, resulting in the improvement of gas marketing and the price of oil and gas in this unit area, the operator will modify this Plan of Development to provide for additional activity.

Bureau of Land Management
Commissioner of Public Land
New Mexico Oil Conservation Division
December 2, 1986
Page Three

Modifications

In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

Effective Date

This Plan of Development shall be effective from January 1, 1987 to December 31, 1987.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one original signed letter to Bass for its records.

Sincerely,


JENS HANSEN
Division Landman

JH:jh

AGREED TO AND ACCEPTED this 12th day of December, 1986.

BUREAU OF LAND MANAGEMENT

By _____

COMMISSIONER OF PUBLIC LANDS

By _____

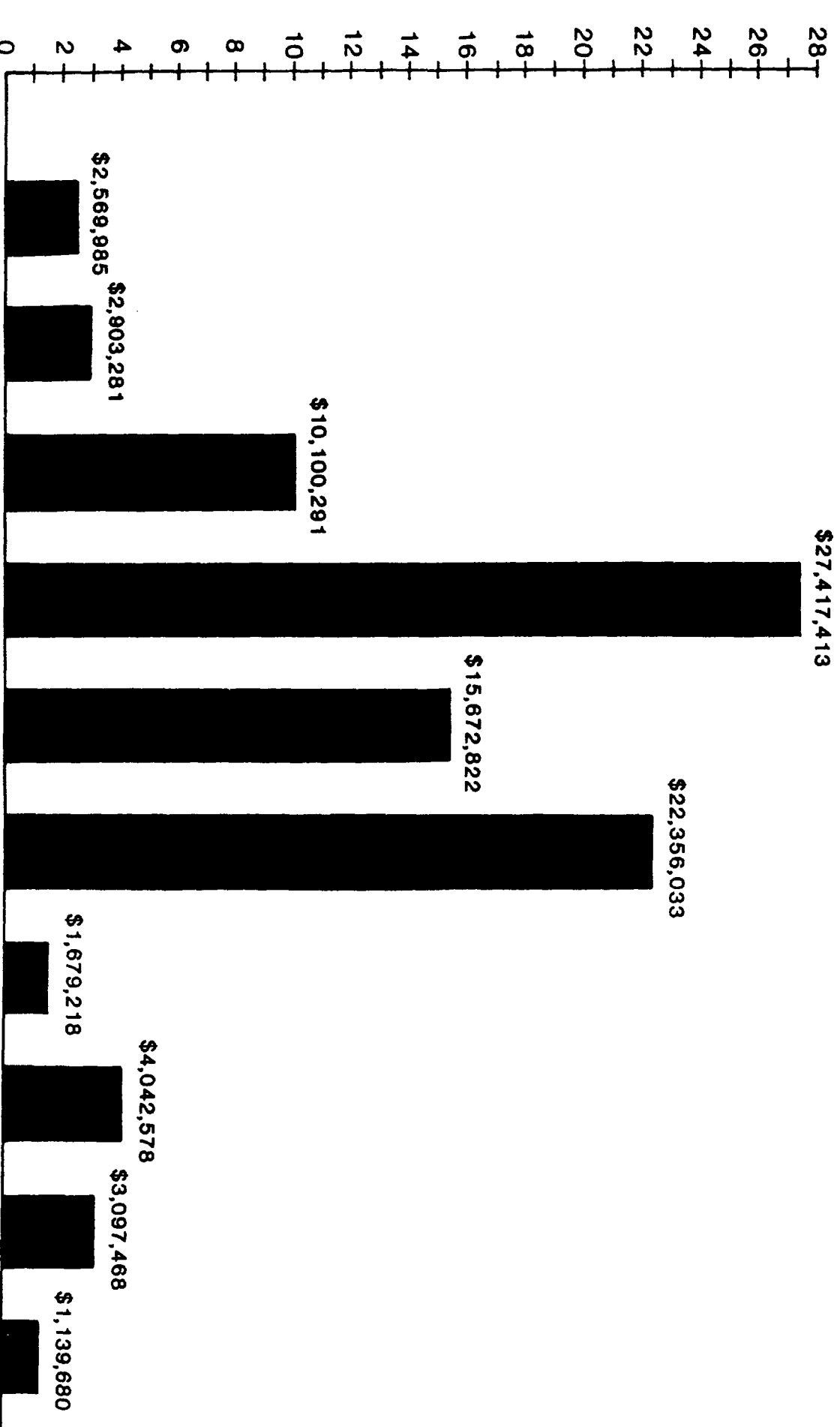
NEW MEXICO OIL CONSERVATION DIVISION

By  _____

CAPITAL INVESTMENT

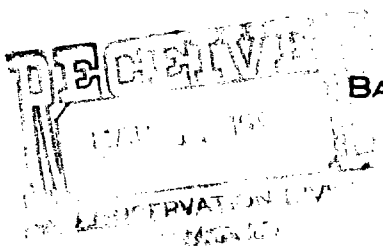
BIG EDDY ,POKER LAKE & JAMES RANCH FEDERAL UNITS EDDY & LEA COUNTIES , NEW MEXICO

MILLIONS
OF
DOLLARS



TOTAL CAPITAL INVESTMENT

\$90,978,769



BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

March 12, 1986

#472

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Richard Stamets

RE: 1986 Plan of Development
James Ranch Unit
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

By separate letters dated November 5, 1985, Bass submitted its 1986 Plan of Development for the captioned units. As of this date we have not yet received your approval to our Plan of Development for the subject units. This office has received approval from the Bureau of Land Management and the Commissioner of Public Lands. Please review your records and advise this office of your findings.

Should you require any additional information, please contact the undersigned at (817) 390-8584 so that we may promptly provide you with same. Your assistance in this matter is appreciated.

Sincerely,

MARK D. CHAMBERS
Landman

MDC:jh

3180 (065)
14-08-001-326

Bass Enterprises Production Company
Attention: Mr. Jens Hansen
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

DEC 9 1985

Gentlemen:

Enclosed is an approved copy of your 1986 Plan of Development for the James Ranch Unit, Eddy County, New Mexico.

Such plan proposes to drill the James Ranch Unit Well No. 18 to be located at a surface location yet to be determined that will not interfere with commercial quantities of potash deposits.

Approval of this plan is subject to like approval by the Commissioner of Public Land and the New Mexico Oil Conservation Division.

Sincerely,

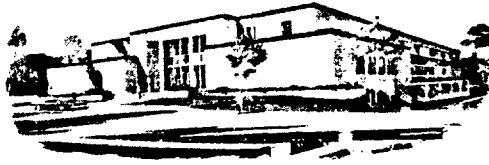
s/T. Kreager

FOR Francis R. Cherry, Jr.
District Manager

cc:

Commissioner of Public Lands, Santa Fe
NMOCD, Santa Fe
NMSO, Micrographics (943B-4)

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

December 2, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street, Fort Worth, Texas 76102

Re: 1986 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Plan of Development for the James Ranch Unit Area, Eddy County, New Mexico. Such plan proposes to drill the Unit Well No. 18 to be located 1980' FNL and 660' FEL, Section 18, T23S-R31E, and continue to negotiate with the potash operators in an endeavor to negotiate a suitable drilling program for this well. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

November 5, 1985

#472

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Joe Lara

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. Richard Stamets

RE: 1986 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Bass Enterprises Production Co., Operator of the said unit, hereby submits a Plan of Development for the James Ranch Unit for the year 1986.

History of Past Development - We refer to our previous Plans of Development for a detailed description of the operations conducted in the James Ranch Unit in prior years.

1985 Activity - The following are results of wells drilled under the 1985 Plan of Development:

James Ranch Unit Well No. 16 - Located 1980' FNL and 1980' FWL, Section 17, T23S-R31E, Morrow test. This well designation was changed to a location of 1980' FNL and 660' FEL, Section 18, T23S-R31E pursuant to the First Amendment to the 1985 Plan of Development. The well name was subsequently changed to the James Ranch Unit Well No. 18 inasmuch as the James Ranch Unit Well No. 16 designation is covered by an approved drilling permit for the location in Section 17. In accordance with the First Amendment to the 1985 Plan of Development the James Ranch Unit Well No. 16 has been indefinitely deferred until such time as economic conditions change resulting in a market for the gas at a price which will justify capital investment.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
November 5, 1985
Page 2 of 3

James Ranch Unit Well No. 17 - Located 1980' FSL and 660' FWL, Section 8, T23S-R31E, Morrow test. The drilling of this well was also indefinitely deferred until such time as economic conditions change resulting in a market for the gas at a price which will justify capital investment.

Future Development

We plan to drill the following test well for unitized substances at the following location during the year 1986:

James Ranch Unit Well No. 18 - Under the Second Amendment to the 1985 Plan of Development, this well which is to be located 1980' FNL and 660' FEL, Section 18, T23S-R31E, Eddy County, New Mexico, was deferred until the year 1986 due to presence of potash deposits in commercial quantities. Accordingly, we will continue to negotiate with the potash operators in an endeavor to negotiate a suitable drilling program for this well.

Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from the lands subject to the James Ranch Unit Agreement or pursuant to applicable regulations.

Additional Development

This Plan of Development will constitute the activity to be conducted under the terms of the James Ranch Unit Agreement for the period ending December 31, 1986. In the event economic conditions should change resulting in the improvement of gas marketing and the price of gas in this unit area, the operator will modify this Plan of Development to provide for additional activity.

Modifications

In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

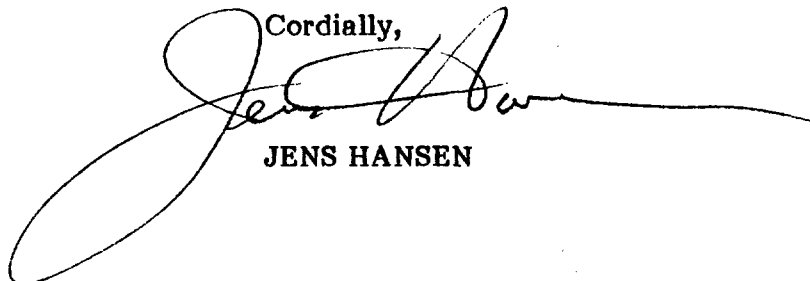
Effective Date

This Plan of Development shall be effective from January 1, 1986 to December 31, 1986.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
November 5, 1985
Page 3 of 3

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) original signed letter to Bass for its records.

Cordially,



JENS HANSEN

JH:jh

AGREED AND ACCEPTED this _____ day of _____, 1985.

BUREAU OF LAND MANAGEMENT

By _____

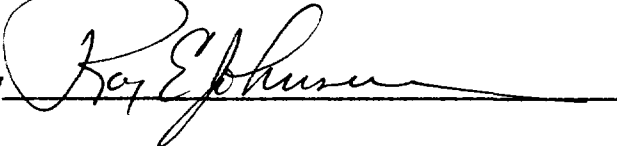
AGREED AND ACCEPTED this _____ day of _____, 1985.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED AND ACCEPTED this 12th day of November, 1985.

NEW MEXICO OIL CONSERVATION DIVISION

By 



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Box 1397, Roswell, New Mexico - 88201

14-08-001-326
3180 (065)

August 13, 1985

Bass Enterprises Production Company
Attention: Jens Hansen
First City Bank Tower
201 Main Street
Fort Worth, TX 76102

Re: Second Amendment to the 1985 Plan of
Development for the James Ranch Unit,
Eddy County, New Mexico

Gentlemen:

We are in receipt of your letter dated July 30, 1985 which describes your Second Amendment to the 1985 Plan of Development for the James Ranch Unit, Eddy County, New Mexico.

Such plan proposes to defer, until 1986, the drilling of the James Ranch Unit No. 16 well which was to be located 1980' FNL and 660' FEL, Section 18, T. 23 S., R. 31 E., N.M.P.M., Eddy County, New Mexico, and is approved effective as of this date. This plan is subject to like approval by the appropriate officials of the State of New Mexico.

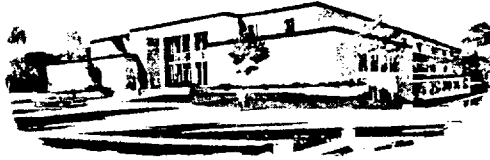
Sincerely,

s/L. Kreager

Francis R. Cherry, Jr.
District Manager

cc:
Commissioner of Public Lands, Santa Fe
NMOCD, Santa Fe

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

August 9, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Company
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: James Ranch Unit
Change of Unit Operator
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

This office is in receipt of your letter of August 2, 1985, together with a document entitled Change of Unit Operator, James Ranch Unit Area, Eddy County, New Mexico.

The Commissioner of Public Lands has this date accepted and approved Bass Enterprises Production Co. to succeed Perry R. Bass as Unit Operator for the James Ranch Unit Area, Eddy County, New Mexico.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

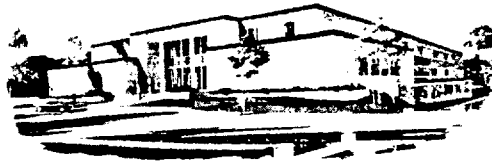
JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn Mr. Armando Lopez

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

August 8, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: Second Amendment to 1985 Plan of
Development for the James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amendment to the 1985 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Your Second Amended plan proposes to defer the drilling of the Unit Well No. 18, to be located 1980' FNL and 660' FEL of Section 18, Township 23 South, Range 31 East until 1986.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

July 30, 1985

BUREAU OF LAND MANAGEMENT

P. O. Box 1397

Roswell, New Mexico 88201

Attention: Joe Lara

COMMISSIONER OF PUBLIC LANDS

P. O. Box 1148

Santa Fe, New Mexico 87504

Attention: Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION

P. O. Box 3088

Santa Fe, New Mexico 87501

Attention: Richard Stamets

RE: Second Amendment to the 1985 Plan of
Development for the James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the James Ranch Unit Agreement dated April 22, 1953, which provides that the Plan of Development may be modified from time to time when necessary to meet changing conditions, Perry R. Bass, Unit Operator, proposes to amend the 1985 Plan of Development by deferring, until 1986, the drilling of the James Ranch Unit Well No. 18 to be located 1980' FNL and 660' FEL of Section 18, T23S-R31E, Eddy County, New Mexico. The reasons for our request for this Second Amendment to the 1985 Plan of Development are as follows:

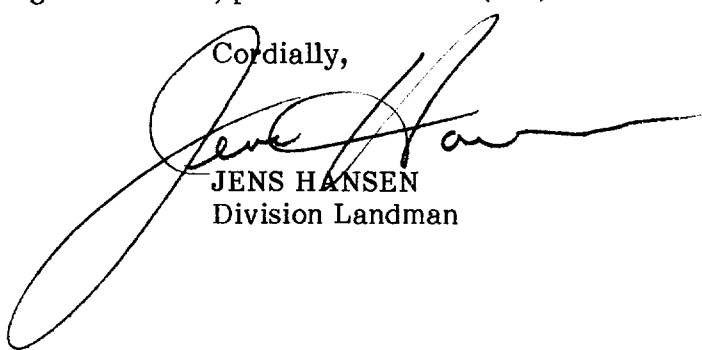
- (1) The James Ranch Unit Well No. 18 to be located in the N/2 of Section 18, T23S-R31E, is the most favorable location in which to drill and produce hydrocarbons in this unit. However, we have been advised by the Bureau of Land Management and the New Mexico Oil Conservation Division that due to the presence of potash deposits in commercial quantities, we will be unable to drill a vertical well at any location in the N/2 of Section 18 as prescribed by the 1975 Secretarial Order. Bass will evaluate the production in this area during the next several months to determine if a directional drilling operation is feasible.
- (2) The new potash map, which is being prepared in accordance with the May 15, 1983 Guidelines to the 1975 Secretarial Order, has not been completed due to several revisions being made to an area within this unit. The revision of the potash map affects Bass' oil and gas development plans in this unit and until such time as a definitive map is produced by the Bureau of Land Management, Bass is unsure of its options regarding development of oil and gas.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
July 26, 1985
Page 2

- (3) Bass is negotiating with the potash operators to establish drilling locations which will affect operations in this federal unit.
- (4) Gas takes have been drastically reduced in 38 of Bass' gas wells in southeastern New Mexico, of which five are located in this federal unit.

If this Second Amendment to the 1985 Plan of Development for the James Ranch Unit meets with your approval, please so indicate by signing in the appropriate space provided below and return one original signed letter to Bass for its records. Should there be any questions regarding this matter, please call me at (817) 390-8568.

Cordially,


JENS HANSEN
Division Landman

JH:jh

AGREED AND ACCEPTED this _____ day of _____, 19__.

BUREAU OF LAND MANAGEMENT

By _____

AGREED AND ACCEPTED this _____ day of _____, 19__.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED AND ACCEPTED this 12th day of August, 19 85.

NEW MEXICO OIL CONSERVATION
DIVISION

By 

CHANGE OF UNIT OPERATOR
JAMES RANCH UNIT AREA
COUNTY OF EDDY, STATE OF NEW MEXICO
CONTRACT NO. 14-08-001-558

This indenture, dated as of the 18th day of July, 1985, by and between Perry R. Bass, hereinafter designated as "First Party," and Bass Enterprises Production Co., hereinafter designated as "Second Party".

WITNESSETH

WHEREAS, under the provisions of the Act of February 25, 1920, 41 STAT. 437, 30 U.S.C. Section 81, et seq., as amended by the Act of August 8, 1946, 60 STAT. 950, the Secretary of the Interior, on the twenty second day of April, 1953, approved a unit agreement for the James Ranch Unit Area, wherein the First Party is presently designated as Unit Operator; and

WHEREAS, the First Party desires to transfer, assign, release, and quitclaim, and the Second Party desires to assume all the rights, duties and obligations of the Unit Operator under the unit agreement; and

NOW, THEREFORE, in consideration of the premises hereinbefore set forth, the First Party does hereby transfer, assign, release, and quitclaim unto the Second Party all of the First Party's rights, duties, and obligations as Unit Operator under said unit agreement; and

Second Party hereby accepts this assignment and hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all of the terms of said Unit Agreement to the full extent set forth in this assignment, effective upon approval of this indenture by the Bureau of Land Management, Commissioner of Public Lands, and the New Mexico Oil Conservation Division; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY:



Perry R. Bass

SECOND PARTY:

BASS ENTERPRISES PRODUCTION CO.


By _____
Vice President

AGREED AND ACCEPTED this _____ day of _____, 19__.

BUREAU OF LAND MANAGEMENT

By _____

AGREED AND ACCEPTED this _____ day of _____, 19__.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED AND ACCEPTED this 12th day of August, 1985.

NEW MEXICO OIL CONSERVATION
DIVISION

By



State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

July 2, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: First Amendment to the 1985 Plan of
Development for the James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to the 1985 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Your first amended plan proposes to change the location of the James Ranch Unit Well No. 16 from the SE/4NW/4 of Sec. 17-23S-31E to the SE/4NE/4 of Sec. 18-23S-31E, Eddy County, New Mexico.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

June 28, 1985

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

Attention: Joe Lara

COMMISSIONER OF PUBLIC LANDS
P. O. Box 1148
Santa Fe, New Mexico 87504

Attention: Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Richard Stamets

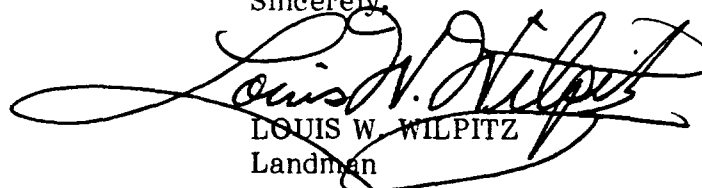
RE: First Amendment to the 1985 Plan of
Development for the James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the James Ranch Unit Agreement dated April 22, 1953, which provides that the Plan of Development may be modified from time to time, when necessary to meet changing conditions, Perry R. Bass, as unit operator, proposes to amend the 1985 Plan of Development by changing the location of the James Ranch Unit Well No. 16 which is to be drilled under the 1985 Plan of Development. Bass plans to drill the well at a location of 1980' FNL, 660' FEL, of Section 18, T23S-R31E, Eddy County, New Mexico, with the N/2 of Section 18 being the proration unit for the well.

If this First Amendment to the 1985 Plan of Development for the James Ranch Unit meets with your approval, please so indicate by signing in the appropriate space provided below and returning one original signed letter to Bass for its records. Should there be any questions in regard to this matter, please feel free to contact me at (817) 390-8585.

Sincerely,


LOUIS W. WILPITZ
Landman

LWW:jh

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
June 28, 1985
Page 2

AGREED AND ACCEPTED this _____ day of _____, 19__.

BUREAU OF LAND MANAGEMENT

By _____

AGREED AND ACCEPTED this _____ day of _____, 19__.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED AND ACCEPTED this 2nd day of July, 1985.

NEW MEXICO OIL CONSERVATION DIVISION

By Roy E. Johnson

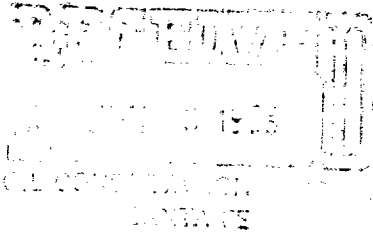
BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400



May 28, 1985

472

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

P. O. Box 71

Carlsbad, New Mexico 88220

Attention: Walt Thayer

**RE: James Ranch Unit Well No. 16
1980' FNL & 660' FEL, Section 18
T23S-R31E
Eddy County, New Mexico**

Dear Sir:

Under your letter of November 7, 1984, IMC requested that so long as good faith negotiations are progressing between Bass and IMC, permits to drill wells within the potash enclave or the immediate vicinity would not be applied for without prior notice to the potash operators.

To confirm our conversation of Friday, May 24, and in regard to your November 7, 1984 letter, Bass Enterprises Production Co. plans to drill a Morrow test well at the referenced location pursuant to our 1985 Plan of Development for the James Ranch Unit and in accordance with the terms and provision of a contract between Bass and Conoco.

Although our proposed well location is within the R-111 area, the 1979 United States Geological Survey map showing the distribution of potash reserves indicates our location to be outside the potash enclave. Additionally, results of the potash core test taken in the James Ranch Unit Well No. 15 located in the S/2 of Section 7, which is north of and contiguous to the N/2 of Section 18, indicated the absence of potash in commercial quantities. For these reasons we believe our location does not pose a threat to either safety or an undue loss of potash.

As a result, it is our intention to submit an application for a drilling permit to the Bureau of Land Management and seek approval with the New Mexico Oil Conservation Division for permission to drill a well within the R-111 area. If

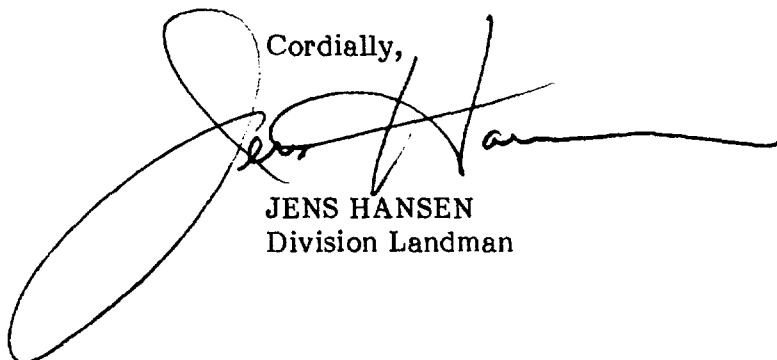
International Minerals and Chemical Corporation

May 28, 1985

Page 2

you do not object to our location it would be greatly appreciated if you would advise Richard Stamets with the New Mexico Oil Conservation Division and Bill Lusher with the BLM so that our drilling application may be approved at the earliest possible date.

Cordially,

A large, stylized handwritten signature in dark ink, appearing to read 'Jens Hansen', is written over the word 'Cordially,'.

JENS HANSEN
Division Landman

JH:jh

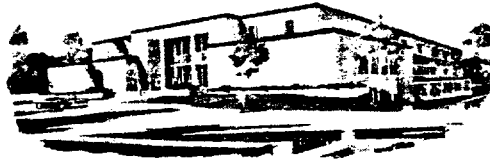
cc: New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Richard Stamets

Bureau of Land Management
P. O. Box 1449
Santa Fe, New Mexico 87501
Attention: Bill Lusher

Bureau of Land Management
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Joe Lara

State of New Mexico

#472



JIM BACA
COMMISSIONER

Commissioner of Public Lands

March 15, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: 1985 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Louis Wilpitz

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes to drill the unit well No. 16 to be drilled in the SE/4NW/4 of Section 17, Township 23 South, Range 31 East to a depth of 14,750' as a Morrow test well. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

#472

March 4, 1985

STATE OF NEW MEXICO
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Richard Stamets

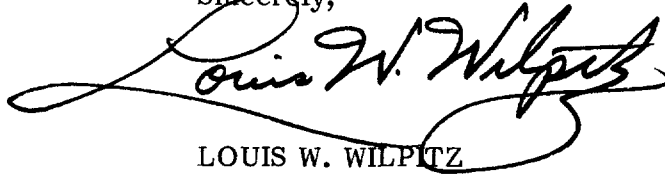
RE: Second Revision to the Initial Atoka
Participating Area for the James Ranch
Unit
Eddy County, New Mexico

Gentlemen:

Enclosed herewith for your files is a copy of a letter dated February 20, 1985, from the Bureau of Land Management wherein they have approved our application dated January 20, 1984 requesting approval of the second revision to the Initial Atoka Participating Area for the James Ranch Unit.

Should anything further be needed in this regard, please advise.

Sincerely,

A handwritten signature in black ink, reading "Louis W. Wilpitz". The signature is stylized with a large, sweeping initial "L" and a long, horizontal flourish extending to the right.

LOUIS W. WILPITZ
Landman

LWW:jh
Enclosure



IN REPLY
REFER TO:

14-08-001-558
3180 (060)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201

RECEIVED

FEB 27 1985

LAND DEPARTMENT

February 20, 1985

Bass Enterprises Production Company
Attn: Louis W. Wilpitz
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Gentlemen:

Your application of January 20, 1984, requesting approval of the second revision of the Atoka participating area, James Ranch Unit, Eddy County, New Mexico, is approved on this date effective as of September 1, 1982.

The second revision of the Atoka participating area embraces lots 3 and 4, E $\frac{1}{2}$ SW $\frac{1}{4}$ and SE $\frac{1}{4}$, Sec. 31, T. 22 S., R. 31 E., N. M. P. M. Such participating area is based on the completion of Unit Well No. 13 in lot 3, sec. 31, on September 21, 1982. The unit well was determined to be a paying well pursuant to section 11 of the unit agreement by BLM letter of February 6, 1985.

Copies of the approval application are being distributed to the appropriate Federal and State offices. You are requested to furnish all interested parties with evidence of this approval.

Sincerely yours

Associate

District Manager

#472
BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

December 19, 1984

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Armando Lopez

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. Richard Stamets

Re: 1985 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement, dated April 22, 1953, Perry R. Bass, Operator of said unit, hereby submits a Plan of Development for the James Ranch Unit for the year 1985.

History of Past Development - We refer to our previous Plans of Development for a detailed description of the operations conducted in the James Ranch Unit in prior years.

1984 Activity - the following are the results of wells drilled during the year 1984, and wells drilled prior to 1984, the results of which were not included in the 1984 Plan of Development:

James Ranch Unit Well No. 15 - surface location of 560' FSL and 100' FWL, Section 8, bottom hole location, at total depth, of 791' FSL and 1924' FWL, Section 7, T23S-R31E, Eddy County, New Mexico. This well was drilled to a total vertical depth of 14,694' (measured depth 15,090') and was perforated between the depths of 14,100' total vertical depth to 14,576' total vertical depth (14,486' to 14,576' measured depth). The well was completed as a gas well in the Morrow formation and is currently shut-in waiting on a market and pipeline.

Participating Areas

We will submit during the year 1985 recommendations for commercial determinations for the above listed wells when sufficient production data is available.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 19, 1984
Page 2 of 3

Future Development

We plan to drill the following test wells during the year 1985 at the following locations:

James Ranch Unit Well No. 16 - 1980' FNL and 1980' FWL, Section 17, T23S-R31E, Eddy County, New Mexico, to a depth of 14,750' as a Morrow test well.

Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands subject to the James Ranch Unit Agreement or pursuant to applicable regulations.

Additional Development

This Plan of Development shall constitute the drilling obligation of the unit operator under the terms of the James Ranch Unit Agreement for the period ending December 31, 1985.

Modifications

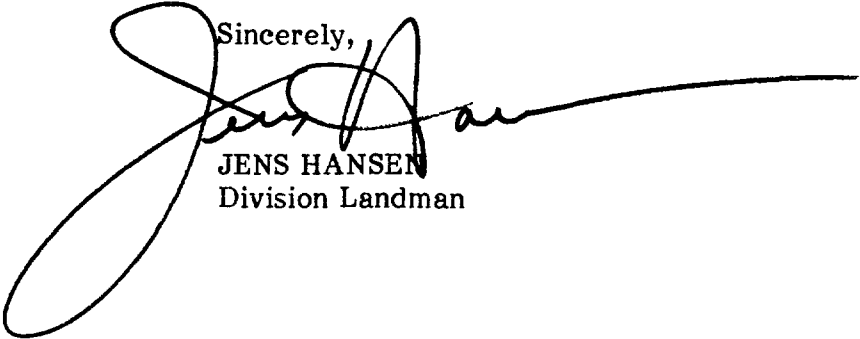
In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

Effective Date

This Plan of Development shall be effective from the first date shown above.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to us for our records.

Sincerely,


JENS HANSEN
Division Landman

JH/LWW:ep

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 19, 1984
Page 3 of 3

AGREED AND ACCEPTED this ____ day of _____, 1984.

BUREAU OF LAND MANAGEMENT

By _____


AGREED AND ACCEPTED this ____ day of _____, 1984.

COMMISSIONER OF PUBLIC LANDS

By _____

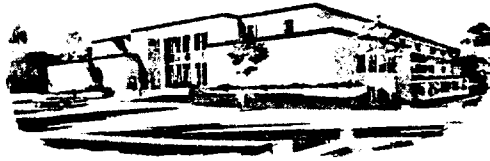
AGREED AND ACCEPTED this 26 day of December, 1984.

NEW MEXICO OIL CONSERVATION DIVISION

By 

State of New Mexico

#472



JIM BACA
COMMISSIONER

Commissioner of Public Lands

October 18, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Company
First City Bank Tower
501 Main Street
Fort Worth, Texas 76102

Re: James Ranch Unit
Well No. 7, Morrow Participating Area
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

Reference is made to your telephone conversation with this office on this date. It is our understanding that as per your letter of August 20, 1981 and other related correspondence, the James Ranch Well No. 7 is capable of producing in commercial quantities from the Morrow Formation and as a result, the Participating Area for the James Ranch Well No. 4, which consists of the W/2 of Section 6, Township 23 South, Range 31 East, was expanded to cover the E/2 of Section 6, Township 23 South, Range 31 East, to cover the James Ranch Unit Well No. 7.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

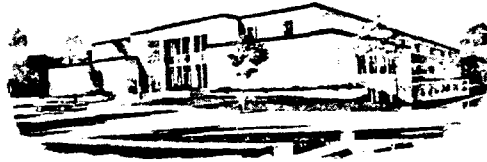
JB/RDG/pm
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

State of New Mexico



JIM BACA
COMMISSIONER



#472

Commissioner of Public Lands

October 16, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Company
First City Bank Tower
501 Main Street
Fort Worth, Texas 76102

Re: James Ranch Unit Well No. 7
1980' FNL & 1980' FEL
Bone Springs Formation
Section 6-23S-31E
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

Reference is made to your telephone conversation with this office on this date and our letter to you dated October 10, 1984, in regards to the above captioned well.

Please be advised by receipt of this letter, that we wish to clarify our approval letter of October 10, 1984. The James Ranch Unit No. 7 well does not qualify for classification as a commercial well in the Bone Springs formation. Accordingly, the James Ranch Unit No. 7 well should be produced from the Bone Springs formaton on a lease basis.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm

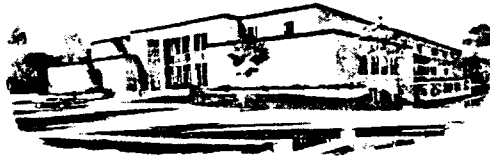
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico ATTENTION: Mr. Armando Lopez

#472

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

October 10, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Company
First City Bank Tower
501 Main Street
Fort Worth, Texas 76102

Re: James Ranch Unit No. 7 Well
1980' FNL & 1980' FEL
Section 6-23S-31E
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

This office is in receipt of your letter dated February 16, 1984, wherein as unit operator of the James Ranch Unit you have determined that the James Ranch Unit No. 7 well does not qualify for classification as a commercial well.

According to the data submitted the Commissioner of Public Lands concurs with your determination that such well is noncommercial and the James Ranch Unit No. 7 well be produced on a lease basis. This action is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico ATTENTION: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

September 12, 1984

#472

BUREAU OF LAND MANAGEMENT
1717 West 2nd Street
Roswell, New Mexico 88201
Attention: Mr. Armando Lopez

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
State Land Office Building
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
State Land Office Building, Room 206
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Joe Ramey

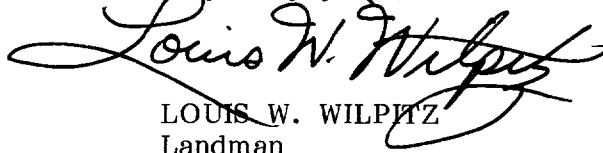
Re: 1985 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

Bass is continuing to experience difficulty in its attempts to negotiate gas contracts in the federal unit area, which would make the drilling of the James Ranch Unit Well No. 16 and James Ranch Unit Well No. 17 impractical at this time. Therefore, we respectfully withdraw the proposed 1985 Plan of Development for the James Ranch Unit, which was dated April 9, 1984. Bass will submit the 1985 Plan of Development for the James Ranch Unit prior to January 1, 1985.

Should you have any questions, please feel free to contact me at 817/390-8585.

Very truly yours,


LOUIS W. WILPITZ
Landman

LWW:ep

#472

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

April 17, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Company
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: 1985 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes to drill the Unit Well Nos. 16 and 17 to test the Morrow Formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

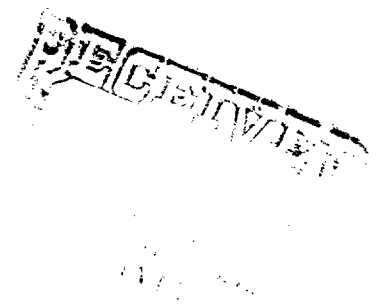
JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST
FORT WORTH, TEXAS 76102
817/390-8400

April 9, 1984



BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Wayne Melton

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. Joe Ramey

Re: 1985 Plan of Development
James Ranch Unit
Eddy County, New Mexico

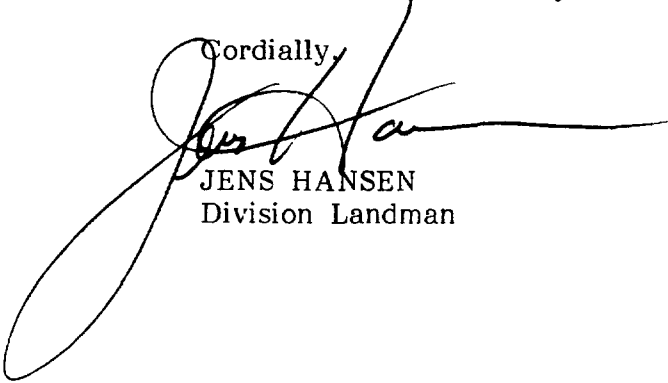
Gentlemen:

Attached for your consideration is our 1985 Plan of Development for the James Ranch Unit.

We are submitting this Plan of Development at this time due to our desire to formulate definitive drilling plans for the year 1985 which include the drilling of a well to be commenced in late 1984 for the 1985 Plan of Development. In order to accomplish these goals, we will be submitting Applications for Permit to Drill these wells which require a Plan of Development on file providing for each well.

We certainly appreciate your cooperation in the matter and if you should have any questions, please feel free to call or write me at any time.

Cordially,

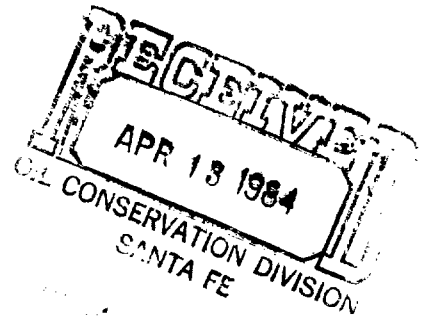

JENS HANSEN
Division Landman

JH:ep
Enclosure

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

April 9, 1984



BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Wayne Melton

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. Joe Ramey

Re: 1985 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 23, 1953, Perry R. Bass, unit operator, hereby submits for approval a Plan of Development for the year 1985.

History of Past Development - We refer to our previous Plans of Development for a detailed description of operations conducted on previously drilled wells in this unit.

1984 Activity - the following are the results of the wells drilled during the year 1984.

James Ranch Unit Well #15 - at the date of this writing, this well is currently drilling in the S/2 of Section 7, T23S-R31E, to a projected depth of 14,800' to test the Morrow Formation. The results of this well will be reported upon completion of said well.

Participating Areas

We will submit in the very near future our recommendation for commercial determinations for wells completed in 1983 and 1984.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
April 9, 1984
Page 2

Future Development

We plan to drill the following test wells for unitized substances at the following locations during the year 1985:

James Ranch Unit Well #16 - to be located 1980' FNL and 1980' FWL, Section 17, T23S-R31E - Morrow Test. We anticipate commencing the drilling of this well in the last quarter of 1984.

James Ranch Unit Well #17 - to be located 1980' FSL and 660' FWL, Section 8, T23S-R31E - Morrow Test.

Additional Development

This Plan of Development will constitute the drilling obligation of the unit operator under the terms of the James Ranch Unit Agreement for the period ending December 31, 1985.

Modifications

In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time due to changing conditions.

Effective Date

This Plan of Development will be effective as of the date written above.

If this Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one (1) copy to us for our records.

Cordially,

JENS HANSEN
Division Landman

JH:ep

AGREED TO AND ACCEPTED this 16 day of April, 1984.

BUREAU OF LAND MANAGEMENT

By [Signature]

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
April 9, 1984
Page 3

AGREED TO AND ACCEPTED this _____ day of _____, 1984.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED TO AND ACCEPTED this 13 day of April, 1984.

NEW MEXICO OIL CONSERVATION DIVISION

By 

#472



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

March 15, 1984

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Attention: Louis W. Wilpitz

Re: James Ranch Unit No. 7
Well, 1980' FNL & 1980'
FEL, Sec. 6, T-23S,
R-31E, Eddy County, NM
Lease No. 4186

Dear Mr. Wilpitz:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

A handwritten signature in cursive script, reading "Roy E. Johnson".

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Artesia

HISTORY
JAMES RANCH NO. 7
LOS MEDANOS/BONE SPRINGS FIELD

The James Ranch No. 7 is located 1980' FNL & 1980' FEL Section 6, T23S, R31E, Eddy County, New Mexico. The well was spudded on 6-29-74. A C-104 dated 11-15-74 indicated the well was drilled to a depth of 14,590' and subsequently completed in the Bone Springs through perforations 11,017', 11,021', 11,032', 11,038', 11,046', 11,052' (4 spf at each depth). After perforating, the well was flow tested several days, then acidized with 3000 gals acid and after testing several days, frac'd with 17,000 gals and 16,500# proppant. BHP was 5049 psig at 11,070'. The well potentialled flowing 160 BOPD, 16 BWPD. The gas was not measured. Flowing tubing pressure was 2000 psi.

Total well cost was \$1,056,000. Conoco, in a letter dated 2-11-75, estimated well cost at \$600,000 for a single Bone Springs well. The well was tested until May 22, 1975 and the production during the testing period was 8,575 bbls and 15,831 mcf. Oil value was \$10/bbl and the gas was flared.

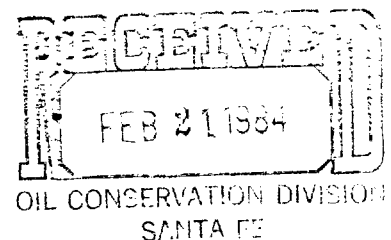
The well was completed in the Morrow until May, 1982, when the Morrow was temporarily abandoned and the well recompleted in the Bone Springs. The Bone Springs was perforated 11,016', 18', 21', 23', 30', 32', 38', 40', 44', 46', 51', and 11,055' and acidized with 1000 gals 15% acid containing CO₂. The well potentialled for 57 BOPD and 208 MCFPD at 400 psi FTP.

The well has produced 16,483 bbls & 21,535 mcf since being returned to production. The well is still flowing with a 360 psi FTP at a rate of 24 BOPD with a 2080 GOR. If the well flows to depletion, decline curve analysis suggests remaining reserves of 32,600 bbls & 48,900 mcf. The well will be put on pump and the remaining reserves may be increased due to the additional pressure drawdown. The minimum ultimate from decline curve analysis is 57,658 bbls oil & 82,266 mcf gas.

Volumetric calculations indicate:

h = 33'
Ø = 14%
SW = 58%—
Ac = 40 Ac
bo = 1.75 bbl/bbl from Standing curves
Rec = 18% of OIP estimated
GOR = 1500 ft³/bbl
Oil GR = 42.1° API
Gas = 1200 BTU/ft³
Rec Oil = $(7758)(33)(0.14)(1-0.58)(40)(1/1.75)(0.18)$
= 61,900 bbls

NO Economic limit data?



Insufficient data exists for material balance calculations. However, indicated ultimate recovery from decline curve analysis and from volumetric calculation are similar.

HISTORY
 JAMES RANCH NO. 7
 LOS MEDANOS/BONE SPRINGS FIELD
 Page two

Income generated to date is:

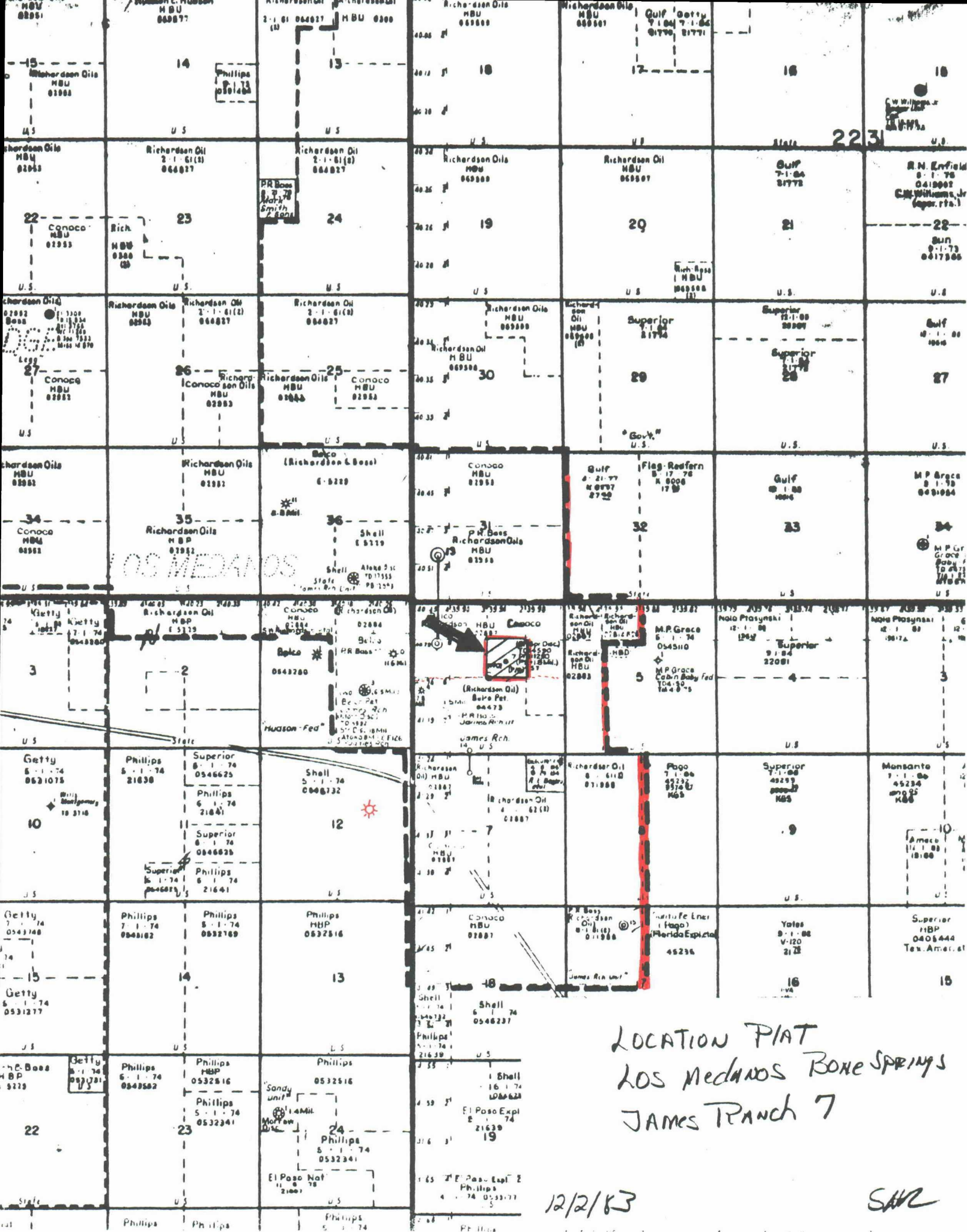
	Oil, bbls	\$/bbl	Gas	\$/mcf	Total Income
1974-75	8,575	10.00	15,831	0	\$ 85,750
1982-83	16,483	30.75	21,535	1.97	\$549,276

Estimated drilling cost was \$600,000

Economics were calculated as if the 1975 well cost and the actual income from 1975, occurred in 1982. This method negates the effect on the economics of producing the Morrow first and effects the economics because the well was drilled for less money than one could have been in 1982, oil price in 1975 was less than 1982 and the present value of the cash flow is distorted. Another run was made assuming the well was drilled in 1982 for \$885m (\$405m tang \$480m intang) with production being continuous and at the actual price. The results of the two economic runs are

	<u>CASE I</u>	<u>CASE II</u>
Payout, yr	4.1	6.6
ROR, %	12	3.7
BFIT Profit, \$m	\$228.2	84.4
BFIT Profit @ 15%, PVP \$m	<\$43.1>	<\$192.9>

The wells under either condition do not meet our definition of economical and therefore should not have a participating area created.



[illegible]

7 G 6 23/31 F

Ser. #2902887

CON VENTRAL

Eddy Co., New Mexico

James Ranch Unit 7

NO.		CUM.			CUM.		CUM.
WELLS	OIL	OIL	G.O.R.	GAS	GAS	WATER	WATER
1974							
JAN							
FEB							
MAR							
APR							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC	2430	2430	1787	4340	4340	1042	1042
	2141	4571	2007	4296	8636	918	1960
	4571		1889	8636		1960	
1975							
JAN	1390	5961	1871	2600	11236	596	2556
FEB	1075		1797	1932		462	
MAR	1280		2080	2663		550	
APR	0			0		0	
MAY	257			0		0	
JUN	0	8575		0	15831	0	3568
JUL	0			0		0	
AUG	0			0		0	
SEP	0			0		0	
OCT	0			0		0	
NOV	0			0		0	
DEC	0	8575		0	15831	0	356
	0			7195		1608	
1976							
JAN							
FEB							
MAR							
APR							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							

Recompleted in
November in July

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

RECEIVED

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
CONOCO INC. ✓
3. ADDRESS OF OPERATOR
P. O. Box 400, Hobbs, N.M. 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 1980 FEL
AT TOP PROD. INTERVAL: ✓
AT TOTAL DEPTH: ✓
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

MAY 10 1983

O. C. D.

ARTESIA, OFFICE

5. LEASE

NM 02887 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

James Ranch Unit

8. FARM OR LEASE NAME

James Ranch Unit

9. WELL NO.

7

10. FIELD OR WILDCAT NAME *Los Medanos Morrow*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T-23S, R-31E

12. COUNTY OR PARISH

Eddy

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3319' EL

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <i>Complete Unders. Bone Springs</i>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rel. pkr. @ 10,878'. Set RBP @ 11,300'. Spot 50 SX. Cl. H' Cmt. from 11,100' to 10,871'. Pressure up on Squeeze to 1500 PSI. Leave over night. DO cmt from 10,871' to 11,100'. Test squeeze w/ 1500 PSI. Rel. RBP @ 11,300'. Rel. BFC plug @ 13,977'. Rel. BFC plug @ 13,994'. Treat Morrow (14,062'-14,244') w/ Methanol/CO₂. Pump 190 BBL Methanol mixed in 22 tons of liquid CO₂, w/ 3 gal. surfactants per 1000 gal. Flush w/ 86.5 BBL liquid CO₂. Set blanking plug @ 13,994'. Set RBP @ 11,300'. Perforate Bone Springs w/ 4TSPF @ 11,016', 18', 21', 23', 30', 32', 38', 40', 44', 46', 51', & 11,053'. (TOTAL 48 SHOTS). Set pkr. @ 10,900'. Acidize Bone Springs (11,016'-11,053') w/ 24 BBL 15% HCL-NE-FE mixed in 34 BBL liquid CO₂. Flush w/ 64 BBL liquid CO₂. Rel. pkr. @ 10,900'. Rel. RBP @ 11,300'. Set A-5 pkr @ 10,940'. Run Prod. Equip. Test. Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *Wm A. Butterfield* TITLE Administrative Supervisor DATE 5-2-83

APPROVED

(This space for Federal or State office use)

APPROVED (Only Sp.) _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL IF ANY:

MAY 6 1983

DEC 13 1982

El Paso NATURAL GAS
COMPANY

RECEIVED

P.O. BOX 1384
JAL. NEW MEXICO 88252
PHONE: 505-395-2551

November 6, 1982

Oil Conservation Division
State of New Mexico
P. O. Drawer DD
Artesia, NM 88210

Gentlemen:

This is to advise that on August 1, 1982 the Conoco's Inc.'s James Ranch Unit #7 Morrow gas well located in Unit G of Section 6, Township 23S, Range 31E, Eddy County, New Mexico was disconnected from El Paso's gathering system. This meter will remain on location to serve the recompleted zone, until permanent status of the measuring arrangement is determined.

This disconnection was due to recompletion from Los Medanos-Morrow gas to undesignated Bone Spring oil.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

Kenneth N. Gordon

Kenneth N. Gordon
Coordinator, Division Gas Control

KNG:bl

cc: Oil Conservation Division, Santa Fe, NM
Production Control
H.O. Whitt
Gas Purchases
M. E. McEuen
Operator
Measurement
R. L. Tabb
Earl Smith
Vernon Rogers
Slim Gordon
Warren Duncan
Bill Cranford
File

STATE OF NEW MEXICO
AND MINERALS DEPARTMENT

TO OFFICE RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.	
LAND OFFICE	
TRANSPORTER	
OPERATION	
PRODUCTION OFFICE	
Operator	

OIL CONSERVATION DIVISION RECEIVED
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

SEP 20 1982

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

O. C. D.
ARTESIA, OFFICE

Conoco Inc.

Address

P. O. Box 460, Hobbs, New Mexico 88240

Reason(s) for filing (Check proper box)

New Well ☐ Change in Transporter of:
Recompletion ☒ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name: James Ranch Unit Well No.: 7 Pool Name, Including Formation: Undesignated Bone Spring Kind of Lease: State, Federal or Fee NM02887A

Location

Unit Letter: G : 1980 Feet From The North Line and 1980 Feet From The East

Line of Section: 6 Township: 23S Range: 31E NMPM, Eddy County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐
Conoco Inc Surface Transportation Address (Give address to which approved copy of this form is to be sent)
P. O. Box 2587, Hobbs, New Mexico 88240
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐
El Paso Natural Gas Company Address (Give address to which approved copy of this form is to be sent)
P. O. Box 1384, Jal, New Mexico 88252
If well produces oil or liquids, give location of tanks. Unit: G Sec: 6 Twp: 23S Rge: 31E Is gas actually connected? When: 2-79

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

COMPLETION DATA

Designate Type of Completion - (X) Oil Well ☒ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☒ Same Res'v. ☐ Diff. Res. ☒
Date Spudded: 6-29-74 Date Compl. Ready to Prod.: 1-19-76 Total Depth: 14,590 P.B.T.D.: 13,900'
Elevations (DF, RKB, RT, GR, etc.): 3319' GR Name of Producing Formation: Bone Spring Top Oil/Gas Pay: 11,017 Tubing Depth: 13,900'
Perforations: Bone Spring 11,017' - 11,052' Depth Casing Shoe:

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2"	13-3/8"	630'	550 sx
14-3/4"	10-3/4"	3942'	650 sx
9-1/2"	7-5/8"	11912'	700 sx
6-1/2"	5" liner	14,585	370 sx

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 of hole for this depth or be for full 24 hours)

Date First New Oil Run To Tanks: 8-1-82 Date of Test: 9-4-82 Producing Method (Flow, pump, gas lift, etc.): Flowing
Length of Test: 24 Tubing Pressure: 400 PSI Casing Pressure: 400 PSI Choke Size: 12/64"
Actual Prod. During Test: 57 Oil-Bble.: 57 Water-Bble.: 0 Gas-MCF: 208

GAS WELL

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

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.

David J. English
(Signature)

Administrative Supervisor
(Title)

September 16, 1982
(Date)

OIL CONSERVATION DIVISION

APPROVED: NOV 22 1982

BY: *Leslie A. Clement*

TITLE: SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.

Form C-104 must be filled for each pool in multiple.

See Instructions on Reverse Side

Form Approved.
Budget Bureau No. 42-R1424

RECEIVED
Form 9-331
Dec. 1973

Dec. 1973
OCT 29 1982

UNITED STATES

DEPARTMENT OF THE INTERIOR

O. C. D.

GEOLOGICAL SURVEY

~~ARTESIA OFFICE~~

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
CONOCO INC.

MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

3. ADDRESS OF OPERATOR
P. O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FNL & 1980 FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON: ☐
(other) *information*

SUBSEQUENT REPORT OF:

--	--	--	--	--	--

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In reference to NMCCD's letter dated 10-15-82, the subject well is producing through a sliding sleeve assembly at 10,946' and the tubing depth is 13,900'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Wm. O. Butterfield TITLE Administrative Supervisor DATE 11/1/68

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE _____

ACCEPTED FOR RECORD

OCT 23 1982

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT O. C. D.

NOV 4 1982

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

ARTESIA, OFFICE

Operator <i>Conoco Inc.</i>		Lease <i>James R. Smith et al.</i>		Well No. <i>7</i>	
Unit Letter <i>G</i>	Section <i>6</i>	Township <i>23 SOUTH</i>	Range <i>31 EAST</i>	County <i>Elly</i>	
Actual Footings Location of Well: <i>1430</i> feet from the <i>North</i> line and <i>1490</i> feet from the <i>East</i> line					
Ground Level Elev. <i>3319' CR</i>	Producing Formation <i>Bone Springs</i>	Pool <i>Unconsolidated Bone Springs</i>	Dedicated Acreages <i>160</i> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

Name
James R. Smith
Position
Administrator
Company
Conoco Inc.
Date
11-2-82

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR
CONOCO INC.

3. ADDRESS OF OPERATOR
P.O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 1980' FEL
AT TOP PROD. INTERVAL: ✓
AT TOTAL DEPTH: ✓

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

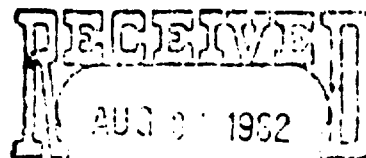
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Test Bone Springs</u>		

RECEIVED

AUG 31 1982 (NOTE: Report results of multiple completion or zone change on Form 9-330.)
SEP 3 1982
O. C. D.
ARTESIA, OFFICE U.S. GEOLOGICAL SURVEY DIVISION
SANTA FE

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

*The Bone Springs and the Morrow perforations
are separated by an existing packer located at 13,900'*



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. E. Benjamin AWB TITLE Administrative Supervisor DATE 8-31-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
RECEIVED 10-1-78

AUG 31 1982

O. C. D.
ARTESIA, OFFICE

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Conoco Inc.

P. O. Box 460, Hobbs, New Mexico 88240

Reason(s) for filing (Check proper box)

Well ☐
Completion ☐
Change in Ownership ☐

Change in Transporter oil:

Oil ☐ Dry Gas ☐
Casinghead Gas ☐ Condensate ☐

Other (Please explain)

We respectfully request a test allowable of 3000 BO for the month of August 1982.

Change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
James Ranch Unit	7	Undesignated Bone Spring	State, Federal or Fee NM02887A	

Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East

Line of Section 6 Township 23S Range 31E , NMPM, Eddy County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco Inc. Surface Transportation	P. O. Box 2587, Hobbs, New Mexico 88240
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 1384, Dal, New Mexico 88240
Well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>G</u> Sec. <u>6</u> Twp. <u>23S</u> Rge. <u>31E</u>	Yes 2-79

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

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.					
Measurements (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations							Depth Casing Shoe	
Bone Spring 11,017' - 11,052'								

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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 Tanks	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

AS WELL

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

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.

(Signature)

Administrative Supervisor

(Title)

August 31, 1982

(Date)

OIL CONSERVATION DIVISION

AUG 31 1982

APPROVED _____, 19____

BY Leslie A. Clements

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition. Form C-104 must be filed for each pool in multiple.

DEPARTMENT OF THE INTERIOR, NM
GEOLOGICAL SURVEY
JUN 22 1982

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to alter a well or to alter a reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

DEC 9 1982

2. NAME OF OPERATOR

Q C D.

3. ADDRESS OF OPERATOR

AMERICA, OFFICE

P.O. Box 460 HOBBS, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FNL & 1980' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON®

(other)

SUBSEQUENT REPORT OF:

DEC 14 1982

(NOTE: Report results of multiple completion groups change on Form 9-330.)

**OIL CONSERVATION DIVISION
SANTA FE**

DEC 2 1982

**OIL & GAS
MINERALS MGMT. SERVICE**

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

~~It is proposed to set~~ A Baker Model "DB" Packer on 2 7/8" tubing has been set at 13,900' with the tubing being plugged in the lower section below a sliding sleeve open in the Bone Springs Formation. The Marrow is temporarily abandoned and the well is recompleted in the Bone Springs, producing oil and associated casinghead gas through the sliding sleeve.

Subsurface Safety Valve: Manu. and Type _____ **Set @** _____ **Ft.**

18. I hereby certify that the foregoing is true and correct.

SIGNED

TITLE UNIVERSITY MICROFILMS DATE

DATE AUGUST 20, 1955

~~ACCEPTED FOR RECORD~~

APPROVED BY: (Only Spcl.) [Signature] [Signature] [Signature]
CONDITIONS OF APPROVAL: DEC 8 1982

TITLE

DATE _____

**MINERALS MANAGEMENT SERVICE
ROCHELL, NEW MEXICO**

***See Instructions on Reverse Side**

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS OF OPERATOR

P.O. Box 460, HOBBS, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' ENL & 1980' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☒

ABANDON* ☐

(other) ☐

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE

N.M. 02887 (3)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

JAMES RANCH UNIT

8. FARM OR LEASE NAME

JAMES RANCH UNIT

9. WELL NO.

7

10. FIELD OR WILDCAT NAME

LOS MEDANOS MORROW

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 6, T-235 R-31-E

12. COUNTY OR PARISH

EDDY

13. STATE

N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3219 GF

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

~~It is proposed to set~~ A Baker Model "DB" Packer on 2 7/8" tubing has been set at 13,900' with the tubing being plugged in the lower section below a sliding sleeve open in the Bone Springs Formation. The Morrow is temporarily abandoned and the well is recompleted in the Bone Springs, producing oil and associated casinghead gas through the sliding sleeve.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

INTERIM COORDINATOR

DATE

August 20, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

RECEIVED

1. oil well <input type="checkbox"/> gas well <input checked="" type="checkbox"/> other	AUG 30 1982
2. NAME OF OPERATOR CONOCO INC.	O. C. D. ARTESIA OFFICE
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1980' FNL & 1980' FEL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) Test Bone Springs

5. LEASE

NM 02887 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

James Ranch Unit

8. FARM OR LEASE NAME

James Ranch Unit

9. WELL NO.

7

10. FIELD OR WILDCAT NAME

Los Medanos Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 6, T-23S, R-31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Bone Springs formation was perfed in 1974 at 11,017'; 21'; 32'; 38'; 46'; and 11,052' w/ 4 ISPF. At that time the zone was non-commercial and was subsequently squeezed w/ 50sx. cmt. It has been discovered the perfs have developed leaks and Bone Springs production has been re-established. At this time we are testing the Bone Springs to determine if this zone is now commercial.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James A. Gillham TITLE Administrative Supervisor DATE August 20, 1982

APPROVED _____ (This space for Federal or State office use)

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 27 1982

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

RECEIVED

JUL 8 1982

O. C. D.
ARTESIA, OFFICE

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

COPIES RECEIVED	
DISTRIBUTION	
LAND OFFICE	
TRANSPORTER	
OPERATOR	
PRODUCTION OFFICE	

Conoco Inc. ✓

Address P. O. Box 460, Hobbs, New Mexico 58240

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	

Change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
James Ranch Unit	7	Los Medanos Morrow	State, Federal or Fee NM 02887-A	

Location	Unit Letter	Feet From The	Line and	Feet From The	County
	G	1980	North	1980	Eddy
	Line of Section	T. and R.	Range	NMPM	
	6	23S	31E		

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco Inc. Surface Transportation	P. O. Box 2587, Hobbs, New Mexico 88240
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)
El Paso Natural Gas	P. O. Box 1492, El Paso, Texas 79978
Well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit G Sec. 6 Twp. 23S Rge. 31E	Yes 1-19-76

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Deviations (DF, RKB, RT, CR, 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

TEST DATA AND REQUEST FOR ALLOWABLE
NEW 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)

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

AS WELL OIL CONSERVATION DIVISION
SANTA FE

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

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 is true and complete to the best of my knowledge and belief.

Administrative Supervisor

July 7, 1982

OIL CONSERVATION DIVISION

APPROVED

JUL 9 1982

BY

SUPERVISOR, DISTRICT II

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completions.

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and
Effective 1-1-65

STANLEY

DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

Operator Continental Oil Company

Address Box 460 Hobbs NM 88240

Reason(s) for filing (Check proper box) Other (Please explain)

New Well ☒ Change in Transporter of: A

Recompletion ☐ Oil ☐ Dry Gas ☐

Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>James Land Unit</u>	Well No. <u>7</u>	Pool Name, Including Formation <u>Undesignated Bone Spring</u>	Kind of Lease <u>State (Federal or Fee)</u>	Lease No. <u>1702887-A</u>
Location				
Unit Letter <u>G</u>	<u>1980</u>	Feet From The <u>NORTH</u> Line and	<u>1980</u>	Feet From The <u>EAST</u>
Line of Section <u>6</u>	Township <u>23-S</u>	Range <u>31-E</u>	NMPM	EDRy

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Pennian Corporation</u>	<u>Midland Texas</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>None at this time</u>	
If well produces oil or liquids, give location of tanks.	Unit <u>6</u> Sec. <u>6</u> Twp. <u>23</u> Rge. <u>31</u>
	Is gas actually connected? <u>Yes</u> When

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Same Rec'y. <input type="checkbox"/> Diff. No. <input type="checkbox"/>		
Date Spudded <u>6-30-74</u>	Date Compl. Ready to Prod. <u>11-12-74</u>	Total Depth <u>14590</u>	P.B.T.D. <u>11250</u>
Elevations (DF, RKB, RT, CR, etc.) <u>3319 GR</u>	Name of Producing Formation <u>Bone Spring</u>	Top Oil/Gas Pay <u>11011</u>	Tubing Depth <u>10797</u>
Perforations <u>11017, 21, 32, 38, 46, 52</u>		Depth Casing Shoe <u>14585</u>	<input checked="" type="checkbox"/>

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>17 1/2</u>	<u>13 3/8</u>	<u>630</u>	<u>550</u>
	<u>10 1/4</u>	<u>3942</u>	<u>650</u>
	<u>7 5/8</u>	<u>11912</u>	<u>700</u>
	<u>5</u>	<u>14590</u>	<u>370</u>

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of lead oil and must be equal to or exceed top oil able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <u>10-30-74</u>	Date of Test <u>10-14-74</u>	Producing Method (Flow, pump, gas lift, etc.) <u>FLCW</u>	
Length of Test <u>24 HRS</u>	Tubing Pressure <u>2000 #</u>	Casing Pressure <u>1000 #</u>	Choke Size <u>17/64</u>
Actual Prod. During Test	Oil - Bbls. <u>160</u>	Water - Bbls. <u>16</u>	Gas - MCF <u>NA</u>

GAS WELL

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

CERTIFICATE OF COMPLIANCE

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

B. Priller
Dr. Staff (Signature)
11-15-74 (Date)
1702887-A Pattern by File

OIL CONSERVATION COMMISSION

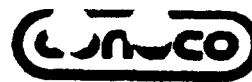
APPROVED _____, 19____
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of conditions.



Shelton
7-20

L. P. Thompson
Division Manager

John R. Kemp
Assistant Division Manager

Production Department
Hobbs Division
North American Production

Conoco Inc.
P. O. Box 460
1001 North Turner
Hobbs, NM 88240
(505) 383-4141

Shelton
Richard

August 24, 1979

Bass Enterprises
P. O. Box 2760
Midland, TX 79701

Attention Perry R. Bass

Gentlemen:

James Ranch Unit 7
AFE No. 40-61-1947
AFE No. 40-61-1948

The subject AFE's for James Ranch Unit 7 have been cancelled due to insufficient approval from working interest owners.

Yours very truly,

John R. Kemp
coy

AFE # 12839
7/31/79
#42217.000



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLI
(Other instructions
verse side)Form 9-331
Budget Bureau No. 43-11444

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. LEASE DESIGNATION AND SERIAL NO. NM 02887A	
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME JAMES RANCH UNIT	
3. ADDRESS OF OPERATOR Box 460, Hobbs, N.M. 88240		8. WELL NO. 7	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL & 1980' FEL OF SEC. 6		10. FIELD AND POOL, OR WILDCAT MORROW	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T-23S, R-31E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3319' GR.		12. COUNTY OR PARISH EDDY	
16. STATE N.M.		13. STATE N.M.	
18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Squeeze Back Spring & Ref. Morrow Co.	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Set CMT Retainer AT 11900' and squeezed the Bone Spring Pore 11017', 21, 32, 38, 46, 52' w/ 40 SX class "H" CMT. Perforated Morrow AT 14062'-74', 14,086'-88', 14,094'-99', 14168-78', 14,234-44', 14,470'-80', 14,522'-26' w/ 2 JSPF.

RECEIVED

FEB 01 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

(Refer to Form 9-330, Submitted 11-25-75
For Morrow completion)

18. I hereby certify that the foregoing is true and correct

SIGNED

W. A. Butterfield

TITLE

ADMIN. SUPERV.

DATE

1-27-77

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

This form was filed
DATE

*See Instructions on Reverse Side

U.S.G. ARTESIA (R) BASS, BELCO, FILE

1977

and Gas

Engineer

BASS ENTERPRISES PRODUCTION CO.

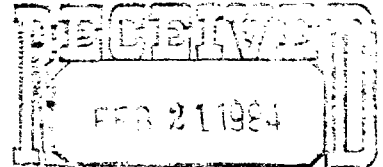
FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

February 16, 1984



NEW MEXICO CONSERVATION DIVISION
SANTA FE

Dot.

"We are in receipt of"
letter.
Thx
[Signature]

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

RE: James Ranch Unit No. 7 Well
1980' FNL & 1980' FEL
Section 6, T23S-R31E
Eddy County, New Mexico
Lease No. 4186

Gentlemen:

Bass, operator of the captioned well, has completed its evaluation of production history to determine the economic viability of the Bone Springs formation in the James Ranch Unit No. 7 well. The Bone Springs formation in the James Ranch Unit No. 7 well does not qualify under BLM criteria for classification as a commercial well. In this regard, enclosed is the data which was utilized in the analysis of this well.

Based upon the foregoing information, Bass recommends that the James Ranch Unit No. 7 well be produced on a lease basis in the Bone Springs formation, and therefore, not be included in a participating area.

Should you have any questions or need additional information in relation to this matter, please feel free to contact me at 817/390-8585.

Sincerely,

LOUIS W. WILPITZ
Landman

LWW:jh
Enclosures

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

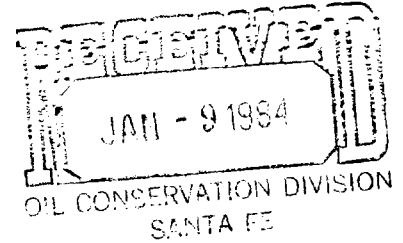
January 5, 1984

#472

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501



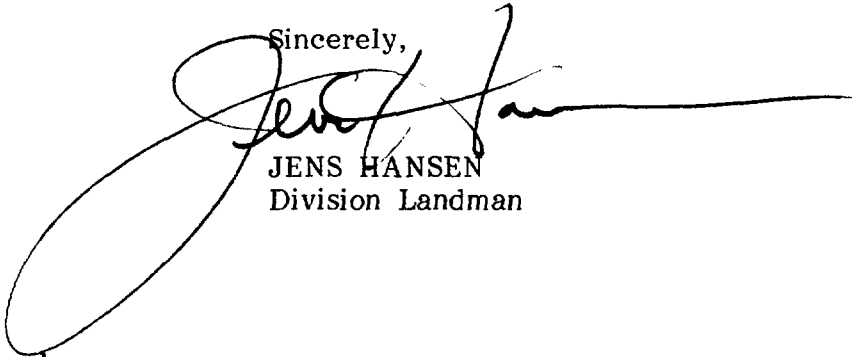
Re: First Revision to the
Morrow Participating Area for the
James Ranch Unit Wells No. 4 and 7
Section 6, T23S-R31E
Eddy County, New Mexico
Bass Lease Nos. 4186 and 9306-Federal

Gentlemen:

Under our letter dated December 16, 1983, we advised you that due to discrepancies in the size of the lots which comprise a portion of the referenced section, Exhibit "B" to the First Revision of the Morrow Participating Area was incorrect. We also advise that we were securing a new title opinion which would resolve the problem.

We have now received a new Division Order Title Opinion, and accordingly, enclose what we hope will be the last Exhibit "B" to the Revised Morrow Participating Area. If you should have any questions regarding this exhibit, please advise at your convenience.

Sincerely,


JENS HANSEN
Division Landman

JH:ep
Enclosure

cc: Conoco Inc. w/encl.
Belco Development Corporation w/encl.

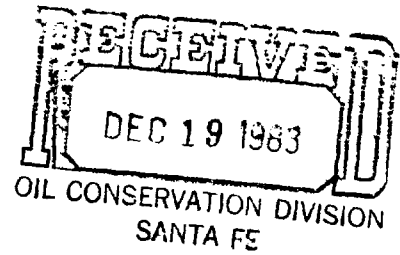
EXHIBIT "B"
 FIRST REVISION MORROW FORMATION
 PARTICIPATING AREA
 JAMES RANCH UNIT AGREEMENT
 EDDY COUNTY, NEW MEXICO

TRACT #	TYPE OF LAND	DESCRIPTION	PARTICIPATING AREA	% OF PARTICIPATION	WORKING INTEREST C
4	Federal NM-02887-A	Lots 1, 2 S/2 NE/4, NE/4 SE/4	199.92	31.084506	Conoco Inc. 100%
8	Federal NM-04473	Lots 6, 7, E/2 SW/4, W/2 SE/4, SE/4 SE/4	282.09	43.860686	Belco Development Cor 66.6666 Bass Enterprises Produc 25.0000 Perry R. Bass 8.3334
4B	Federal NM-02887-D	Lots 3, 4, 5 SE/4 NW/4	161.14	25.054808	Belco Development Cor 66.6666 Bass Enterprises Produc 25.0000 Perry R. Bass 8.3334
			Total Federal Land	643.15	
			Total State Land	-0-	
			Total Patented Land	-0-	
			Total	643.15	

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

December 16, 1983



BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: First Revision to the
Morrow Participating Area for the
James Ranch Unit Wells No. 4 and 7
Section 6, T23S-R31E
Eddy County, New Mexico
Bass Lease Nos. 4186 and 9306-Federal

Gentlemen:

Under letter dated November 30, 1983, we issued to you an amended Exhibit "B" to the First Revision of the Morrow Formation Participating Area. We have received information which indicates that this Exhibit may also be incorrect due to discrepancies in the public records as to the exact size of the lots which comprise Section 6. Therefore, we request that you ignore the Exhibit furnished under said letter dated November 30, 1983. We are currently endeavoring to resolve this matter through our title attorney, and at such time as this matter is resolved, we will issue you a new Exhibit "B".

Sincerely,


JENS HANSEN
Division Landman

JH:ep

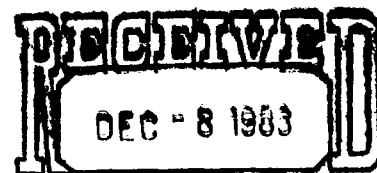
cc: Conoco Inc.
Belco Development Corporation



IN REPLY
REFER TO:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201



James Ranch Unit

December 6, 1983

Bass Enterprises Production Company
Attention: Jens Hansen
First City Bank Tower
201 Main St.
Fort Worth, Texas 76102

Gentlemen:

An approved copy of your 1984 plan of development submitted in behalf of Perry R. Bass, unit operator, for the James Ranch unit area, Eddy County, New Mexico is enclosed. Such plan, proposing the drilling of well No. 15 to test the Morrow formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,
(ORIG. SGD.) ARMANDO A. LOPEZ

District Manager

Acting

Enclosure

cc: ✓ NMOCD, Santa Fe (ltr. only)
Commissioner of Public Lands, Santa Fe (ltr. only)

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

December 6, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
First City Bank Tower
201 Main St.
Fort Worth, Texas 76102

Re: 1984 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes to drill the Unit Well No. 15 to test the Morrow formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
 BLM-Albuquerque, New Mexico
 BLM-Roswell, New Mexico

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

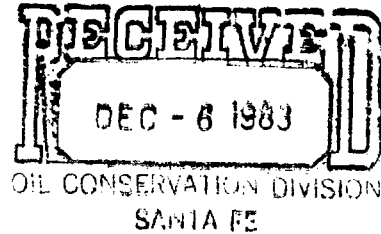
817/390-8400

November 30, 1983

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

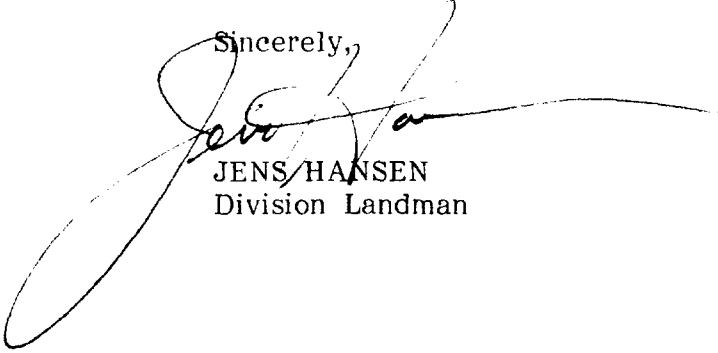


Re: First Revision to the
Morrow Participating Area for the
James Ranch Unit Wells No. 4 and 7
Section 6, T23S-R31E
Eddy County, New Mexico
Bass Lease Nos. 4186 and 9306-Federal

Gentlemen:

Enclosed is a new Exhibit "B" to our Application dated August 20, 1981, requesting the First Revision to the Morrow Participating Area for the referenced wells. We recently received a Division Order Title Opinion covering this section which showed an acreage discrepancy in Exhibit "B". Therefore, it is requested that you substitute the enclosed Exhibit "B" for the Exhibit "B" in the August 20, 1981 Application.

Sincerely,


JENS HANSEN
Division Landman

JH:ep
Enclosure

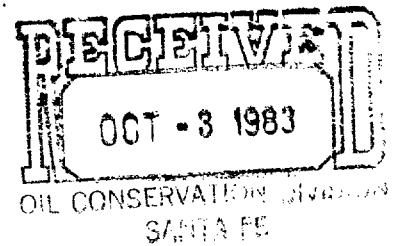
EXHIBIT "B"
 FIRST REVISION MORROW FORMATION
 PARTICIPATING AREA, JAMES RANCH UNIT
 AGREEMENT, EDDY COUNTY, NEW MEXICO

TRACT #	TYPE OF LAND	DESCRIPTION	PARTICIPATING AREA	% OF PARTICIPATION	WORKING INTEREST OWNERS
4	Federal NM-02887-A	Lots 1, 2 S/2 NE/4, NE/4 SE/4	199.92	31.1087	Conoco Inc. 100%
8	Federal NM-04473	Lots 6, 7, E/2 SW/4, W/2 SE/4, SE/4 SE/4	281.59	43.8170	Belco Petroleum Corp. 66.6666 Bass Enterprises Production Co 25.0000 Perry R. Bass 8.3334
4B	Federal NM-02887-D	Lots 3, 4, 5 SE/4 NW/4	161.14	25.0743	Belco Petroleum Corp. 66.6666 Bass Enterprises Production Co 25.0000 Perry R. Bass 8.3334
			Total Federal Land	643.15	
			Total State Land	-0-	
			Total Patented Land	-0-	
			Total	643.15	

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

September 28, 1983



NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

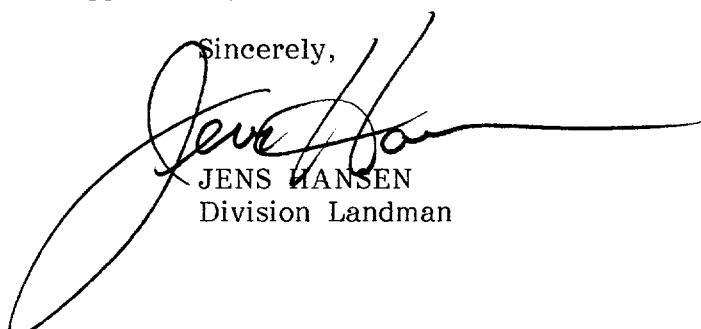
Re: James Ranch Unit Well #7
E/2 Section 6, T23S-R31E
Eddy County, New Mexico
Bass Lease #4186

Gentlemen:

In August of 1981, we submitted an application to enlarge the Morrow Participating Area covering the W/2 of Section 6 for the James Ranch Well #4 to include the E/2 of Section 6 for the James Ranch Unit Well #7. Subsequent to submitting our application for the enlargement of the Morrow Participating Area, we received your letter concurring with our commercial determination and approving the enlargement of the Morrow Participating Area to include the E/2 of Section 6 for the referenced well. Shortly thereafter, an additional evaluation was made of the referenced well and it was determined that a separate participating area should be established for the James Ranch Unit Well #7. As a result, an amended application was submitted requesting a separate participating area to consist of the E/2 of Section 6. This application was approved by the New Mexico Oil Conservation Division and the Commissioner of Public Lands, but was denied by the United States Department of Interior. Our first application was approved by the United States Department of Interior and the participating area for the Morrow Formation now covers all of Section 6 for the James Ranch Wells #4 and #7.

Therefore, we are submitting herewith for your consideration, a copy of the application which has been approved by the United States Department of Interior.

Sincerely,



JENS HANSEN
Division Landman

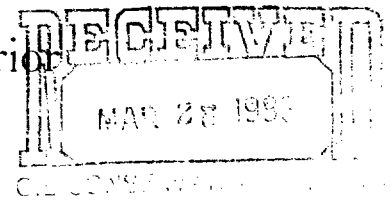
JH:ep
Enclosure



IN REPLY
REFER TO:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
505 Marquette Avenue N.W., Suite 815
Albuquerque, New Mexico 87102



MAR 24 1983

Bass Enterprises Production Co.
Attention: Jens Hansen
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Gentlemen:

An approved copy of your amended 1983 Plan of Development for the James Ranch Unit area, Eddy County, New Mexico, is enclosed. Such plan, proposing to defer drilling the James Ranch Unit well #15 in sec. 17, T. 23 S., R. 31 E., and drill the #14 well in the N½ sec. 7, T. 23 S., R. 31 E., to test the Morrow Formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD., JAMES W. SHELTON)

FOR Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:
Comm of Public Lands
NMOCD



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

March 21, 1983

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Bass Enterprises Production
Company
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

472

Attention: Jens Hansen

Re: James Ranch
Big Eddy
Poker Lake Units
1983 Plans of Development

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roy E. Johnson", with a long horizontal flourish extending to the right.

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office - Hobbs and Artesia

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

March 18, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
First City Bank Tower, 201 Main Street
Fort Worth, Texas 76102

*Case
472*

Re: First Amendment to the 1983
Plan of Development for the
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to the 1983 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such amendment proposes to defer the drilling of the Well No. 15 until 1984 so that the James Ranch Unit Area may be expanded to embrace all of the proration unit (N $\frac{1}{2}$ of Section 17) for the drilling of this well. Also your amended plan proposes to drill the Well No. 14 to a depth of 14,500' to test the Morrow Formation in the N $\frac{1}{2}$ of Section 7, T23S-R31E in lieu of drilling the James Ranch Unit Well No. 15. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

March 14, 1983

MINERALS MANAGEMENT SERVICE
P. O. Box 26124
Albuquerque, New Mexico 87125

COMMISSIONER OF PUBLIC LANDS
P. O. Box 1148
Santa Fe, New Mexico 87501

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: First Amendment to the
1983 Plan of Development for the
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the James Ranch Unit Agreement dated April 22, 1953, which provides that the Plan of Development may be modified when necessary to meet changing conditions, we propose the following changes to the 1983 Plan of Development.

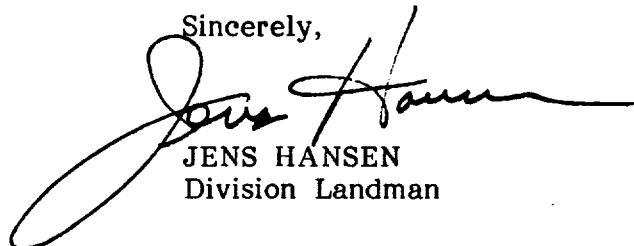
James Ranch Unit Well #15 - The 1983 Plan of Development provides that this well is to be drilled in Section 17, T23S-R31E, to a depth of 14,700' to test the Morrow Formation. Inasmuch as the proration unit for the drilling of this well will require communitizing unit and non-unit acreage, we request that this well be deferred until 1984 so that the James Ranch Unit Area may be expanded to embrace all of the proration unit (N/2 of Section 17) for the drilling of this well.

James Ranch Unit Well #14 - In lieu of drilling the James Ranch Unit Well #15 in 1983, we propose this well for 1983 at a location in the N/2 of Section 7, T23S-R31E, and be drilled to a depth of 14,500' to test the Morrow Formation.

Mineral Management Service
Commissioner of Public Lands
New Mexico Oil Conservation Division
March 14, 1983
Page 2

If this proposed amendment to the 1983 Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) copy of this letter to us for our records.

Sincerely,



JENS HANSEN
Division Landman

JH:ep

AGREED TO AND ACCEPTED this _____ day of _____, 1983.

MINERALSMANAGEMENT SERVICE

COMMISSIONER OF PUBLIC LANDS

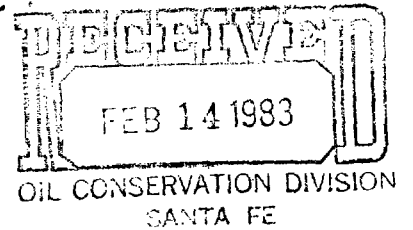
NEW MEXICO OIL CONSERVATION DIVISION



BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

February 11, 1983



BUREAU OF LAND MANAGEMENT
P. O. Box 26124
Albuquerque, New Mexico 87125

Case #472

COMMISSIONER OF PUBLIC LANDS
P. O. Box 1148
Santa Fe, New Mexico 87501
Attention: Oil and Gas Division

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

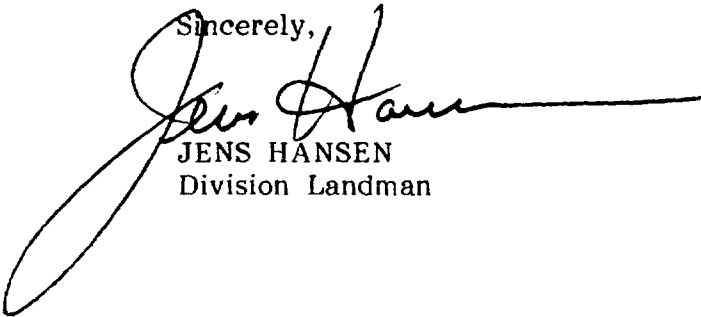
Re: Commercial Determination
James Ranch Unit #12
1450' FNL and 1830' FEL
Section 21, T22S-R30E
Eddy County, New Mexico

Gentlemen:

In accordance with the provisions of Section 11 of the James Ranch Unit Agreement dated April 22, 1953, we hereby submit the attached materials covering the referenced well to support our recommendation that such well be determined to be non-commercial and thereby not receive a participating area, and be produced on a lease basis.

If you should have any questions regarding the data submitted for the commercial determination on the referenced well, please contact Steve Rowland in our Midland office, whose telephone number is (915) 684-5723.

Sincerely,


JENS HANSEN
Division Landman

JH:ep

JAMES RANCH UNIT NO. 12

James Ranch Unit No. 12 has had its only completion in the Atoka formation. The Atoka potentialled for 5093 MCFGPD after a 2000 gallon acid job in January, 1981. The well is currently making 335 MCFGPD.

WORKSHEET FOR COMMERCIAL DETERMINATION AND FERTILIZATION AREA IN HECTAR UNITS

WILL :

WELL James Ranch Unit #12

Atoka

LOCATION G UNIT, 1450 FEET FROM N LINE & 1830 FEET FROM E LINE,

SECTION 21, RANGE 30E, TOWNSHIP 22S, Eddy COUNTY, NEW MEXICO.

SPUD DATE 9-4-80 COMPLETION DATE 1-14-81 FILL PROD. DATE 6-4-81

PERFORATION 12,665', 12,666', 12,667', 12,668', 12,669', 12,670', 12,671',
12,672'

STIMULATION:

ACID 12,665 -12,672' W/2000 gals 7 1/2% MSR

FRACTURE

POTENTIAL CAOF 5093 MCFGPD

(ATTACH COPY OF C-122. ATTACH COPY OF MATERIALS IF ANY OF WHICH ARE AVAILABLE)

VOLUME TOPIC CODE DATE INDEXED

	FORMATION EVALUATED	FORMATION EVALUATED AND POTENTIALY PRODUCTIVE
Area (A) protraction unit size, acres	320	
Porosity (P), %	5.5	
Water saturation (Sw), %	60	
Net thickness (h) > 6% @ < 40% Sw, ft	7	
Temperature (T), °F	165	

Bottomhole pressure (psi) 7561

Recovery factor (RF) .8

Recoverable gas, MCF 606,210

Recoverable gas, MCF (if available) _____

$B_{gr} = 0.03536$

$$AT = \left(\frac{150}{1.21} \right)$$

$$\frac{7561}{1.21(625)} = .353$$

PERFORMANCE DATA

If sufficient history exists, attach plot of production rate vs. time.

(Cumulative production to 10 / 31 / 62 = 207,955 MCF.)

Initial rate (qi), 9000

Economic limit (ql), 1500

Decline rate, dy, 20

Remaining gas (Q) 403,328

Ultimate recoverable 611,283

$$Q = \frac{q_i}{dy} \left(1 - \frac{q_l}{q_i} \right)$$

Attach plot showing initial and ultimate gas production.

RECOVERABLE GAS

Gas sand previously produced

Sand perforated 611,283 (1) 4183

Sand not perforated, but potentially productive

Total recoverable gas 611,283 4183

(1) performance recoverable gas, if available

(2) performance sand perforated volumetric sand perforated performance sand not perforated

Participating area size, acre on ratio, acre, acre and acre, acre

320 acres---acre, acre, acre, acre

ECONOMIC

Well Cost \$ 1,383,658 to the depth of formation completed)

Recompletion Cost \$ 0

TOTAL COST \$ 1,383,658

(Gas Price)(Net Revenue Interest)(1-Ad Valorem Taxes) - Production Tax + [(Oil Price)(Net Revenue Interest)(Cond. Yield, bbls/MCF)(1-Production and Ad Valorem Taxes)] - [(Oil Price - Base Price) WFPT %] LPI

Net Gas Price = Gas Price (.845 (1-.025) - .150 + .32(1-.07) - (.32-19)(.775))
(.845)(Cond. Yield, bbls/MCF)

Operating Cost \$1500/Month 81 2.36(.829) - .126 + (35.13(.94) - 35.13 - 20)(.3)(.01) = 2.12
82 3.63(.829) - .129 + (33.03(.94) - (33.03 - 21.60)(.275)(.001) = 2.91

BEPCO Net Income = (Gross Gas)(Net Gas Price)

YEAR	GROSS GAS	BEPCO NET INCOME	OPERATING COST	15% DISCOUNT FACTOR	DISCOUNTED CASH FLOW
Zero	---	---	---	1.0000	-1,383,658
1981	111,198	235,740	13,500	0.9325	207,239
1982	114,750	333,923	18,000	0.81087	256,172
1983	86,400	264,384	18,000	0.70511	173,728
1984	69,000	221,490	18,000	0.61314	124,768
1985	55,000	185,350	18,000	0.5316	89,224
Remainder	125,000	454,500	72,000	0.46062	176,407
					-356,120 ✓ <u>1,027,538</u>

If payout is five years or less, well is considered economical.

(BEPCO Net Income - Operating Expense) Discount Factor =

discounted cash flow. Uneconomical

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>	2. NAME OF OPERATOR <u>PERRY R. BASS</u>	3. ADDRESS OF OPERATOR <u>Box 2760, MIDLAND, TX 79702</u>	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1450' ENL + 1830' FEL OF SECTION - UNIT LATTER G.</u> At top prod. interval reported below At total depth	5. LEASE DESIGNATION AND SERIAL NO. <u>NM 06808</u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. UNIT AGREEMENT NAME <u>JAMES RANCH UNIT</u>	8. FARM OR LEASE NAME <u>JAMES RANCH UNIT</u>	9. WELL NO.
---	---	--	---	--	--------------------------------------	---	--	-------------

10. FIELD AND POOL, OR WILDCAT <u>WILDCAT</u>	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>SEC. 21, T22S, R30E</u>	12. COUNTY OR PARISH <u>EDDY</u>	13. STATE <u>N. Mex.</u>
--	---	-------------------------------------	-----------------------------

14. PERMIT NO.	DATE ASSIGNED	15. DATE SPUNDED <u>9-4-80</u>	16. DATE T.D. REACHED <u>11-3-80</u>	17. DATE COMPL. (Ready to prod.) <u>1-14-81</u>	18. ELEVATIONS (L.S., P.B., RT., GR., ETC.) <u>3166.8' GL 3180.3' KB</u>	19. ELEV. CASINGHEAD
----------------	---------------	-----------------------------------	---	--	---	----------------------

20. TOTAL DEPTH, MD & TVD <u>14,200'</u>	21. PLUG, BACK T.D., MD & TVD <u>14,110'</u>	22. IF MULTIPLE COMPL., HOW MANY? <u>SINGLE.</u>	23. INTERVALS DRILLED BY <u>0-14,200'</u>	24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TVD)* <u>12,665' - 12,672' A TO KA.</u>	25. WAS DIRECTIONAL SURVEY MADE <u>No</u>
---	---	---	--	--	--

26. TYPE ELECTRIC AND OTHER LOGS RUN <u>DLL-M-SFL, CH-ED</u>	27. WAS WELL CORED <u>No</u>
---	---------------------------------

28. CASING RECORD (Report all strings set in well)	29. LINER RECORD	30. TUBING RECORD
--	------------------	-------------------

31. PERFORATION RECORD (Interval, size and number) <u>12,665 - 12,672' w/1 JEPF - JRC SSB II. EIGHT HOLES.</u>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) <u>12,665 - 12,672'</u> AMOUNT AND KIND OF MATERIAL USED <u>2000 GALS 7 1/2% MS + 24 BALLS.</u>
---	--

33. PRODUCTION	34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>TO BE SOLD.</u>	35. LIST OF ATTACHMENTS <u>TWO (2) EACH LOGS AS ABOVE.</u>
----------------	--	---

DATE FIRST PRODUCTION <u>Jan. 1, 1981</u>	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <u>FLOWING</u>	WELL STATUS (Producing or shut in) <u>SHUT IN</u>
--	--	--

DATE OF TEST <u>Jan. 1, 1981</u>	HOURS TESTED <u>4</u>	CHOKE SIZE <u>VAR.</u>	PROD'N. FOR TEST PERIOD <u>0</u>	OIL BBL. <u>0</u>	GAS MCF <u>480</u>	WATER BBL. <u>22.5</u>	GAS-OIL RATIO <u>-</u>
-------------------------------------	--------------------------	---------------------------	-------------------------------------	----------------------	-----------------------	---------------------------	---------------------------

FLOW, TUBING PRESS. <u>5250/1150</u>	CASING PRESSURE <u>PACKER</u>	CALCULATED 24-HOUR RATE <u>0</u>	OIL BBL. <u>0</u>	GAS MCF <u>NOF 51093</u>	WATER BBL. <u>135</u>	OIL GRAVITY-API (CORR.) <u>-</u>
---	----------------------------------	-------------------------------------	----------------------	-----------------------------	--------------------------	-------------------------------------

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	SIGNED <u>J. P. D. D. D. D. D.</u>	TITLE <u>Dr. Prod. Clerk</u>	DATE <u>May 4, 1981</u>
---	---------------------------------------	---------------------------------	----------------------------

*(See Instructions and Spaces for Additional Data on Reverse Side)

MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Date 01/09/81		FEB 14 1983	
Company PERRY R. BASS		Location AIR		OIL CONSERVATION DIVISION	
Well UNDESIGNATED		Formation ATOKA		Field SANTA FE	
Completion Date 12/19/80		Total Depth 14200		Perforations 14110 3161.8 GL	
Casing Size 5 1/2		Set At 14155		Well No. 12	
Tubing Size 2 3/8		Set At 12424		Unit G 21 22s 30e	
Type Well - Single - Protectorhead - G.G. or G.O. Multiple				County EDDY	
Producing Through TUBING		Reservoir Temp. °F 198 @ 12424		State NEW MEXICO	
L 12424		H 12424		Gg .606	
				% CO ₂ .418	
				% N ₂ 1.187	
				Prover 4"	
				Meter Run FLG.	

FLOW DATA							TUBING DATA		CANNING 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	
51							5862				72 hr.
1.	4 X 1.500			600	3.0	87	5250				1 hr.
2.	4 X 1.500			660	38.0	72	3705				1 hr.
3.	4 X 1.500			790	28.0	76	1925				1 hr.
4.	4 X 1.500			810	35.0	70	1150				1 hr.
5.											

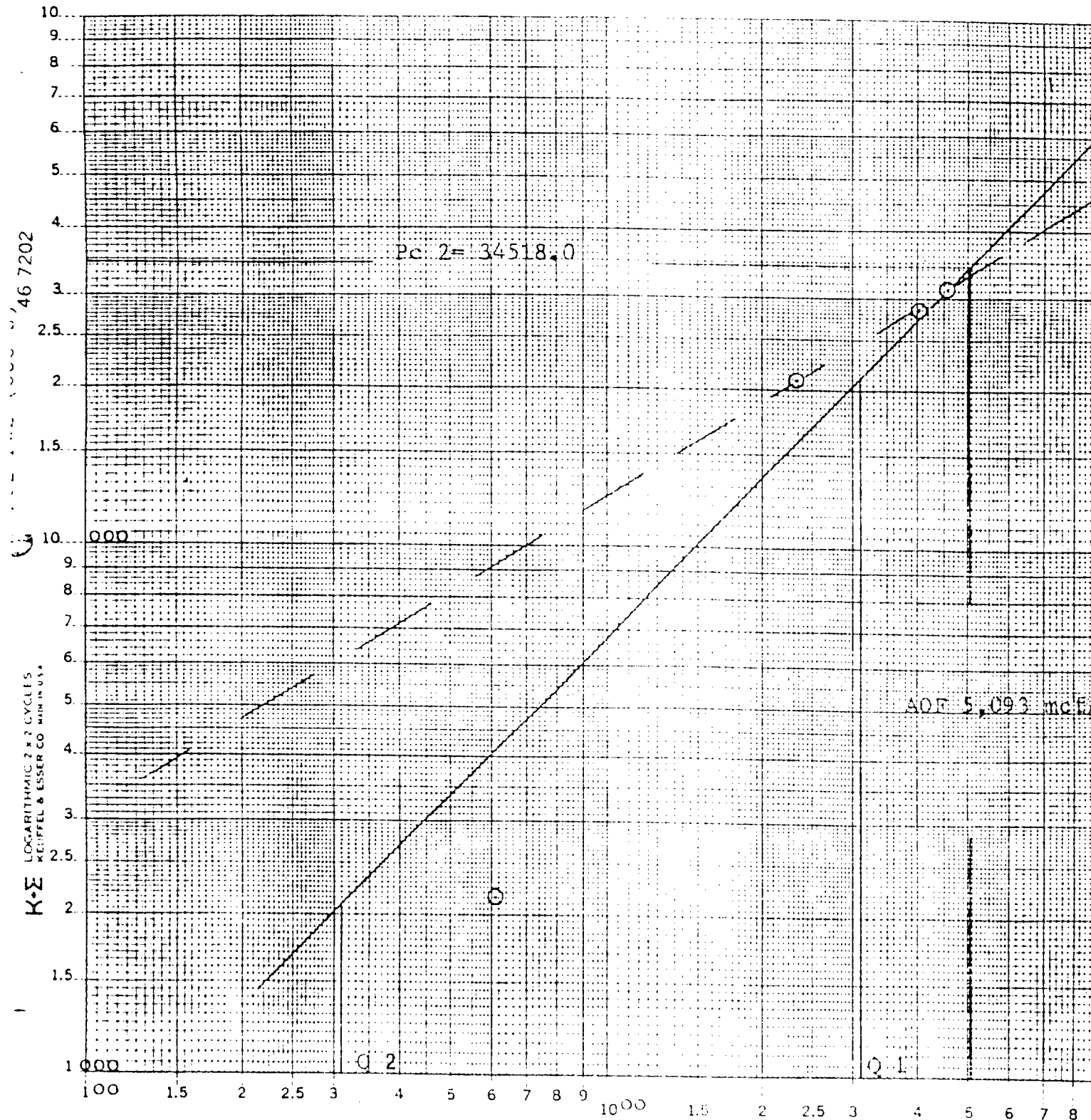
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super. Compens. Factor, F _{sp}	Rate of Flow Q, Mscf/d
1	10.84	42.89	613.2	.9750	1.285	1.047	610
2	10.84	159.94	673.2	.9887	1.285	1.058	2330
3	19.81	149.97	803.2	.9850	1.285	1.067	4012
4	19.81	169.74	823.2	.9905	1.285	1.073	4592
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/Del.
1	.91	547	1.51	.912	A.P.L. Gravity of Liquid Hydrocarbons	Deg.
2	1.00	532	1.47	.894	Specific Gravity Separator Gas	.606
3	1.20	536	1.48	.878	Specific Gravity Flowing Fluid	XXXXXX
4	1.23	530	1.46	.869	Critical Pressure	671 P.S.I.A.
5					Critical Temperature	362 °F

1.5875.2		P _r ² 34518.0		(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.109$		(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.109$	
NO.	BHP _r	P _r	P _w	P _r ²	P _w ²		
1	7054.2	5688.7	2361.6	32345.1	5575.1		
2	4771.2	3688.2	1360.2	13591.5	1848.5		
3	3248.2	2450.9	600.6	6006.9	360.7		
4	2442.2	1842.7	339.5	3311.2	115.3		
5							

Absolute Open Flow		5.093	Meters 15.075	Absolute Temp. °	45°	Specific Gravity	1.000
Remarks: THE WELL PRODUCED 22.5 BBLs. OF H ₂ O DURING THE TEST.							
Approved By Conservation		Conducted By:		Checked By:		Date:	

COMPANY : PERMIAN CROSS
 LEASE : JAMES RANCH
 WELL NO. : # 12
 UNIT : G / sec 21/twp 22s/rge 30e
 COUNTY : EDDY
 STATE : NEW MEXICO
 DATE : JANUARY 9, 1981



Q = MCF / DAY
 Q 1 = 3100; LOG OF Q 1 = 3.491362
 Q 2 = 310; LOG OF Q 2 = 2.491362
 N = 1.000

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-12
 Effective 1-1-65
FEB 14 1963

All distances must be from the outer boundaries of the section.

Operator Perry R. Bass			Lease James Ranch Unit			OIL CONSERVATION DIVISION SANTA FE		12
Unit Letter G	Section 21	Township 22S	Range 30E	County Eddy				
Actual Footage Location of Well:								
1450		feet from the	North	Line and	1830		East	
Ground Level Elev. 3161.8'	Producing Formation Atoka		Lease Wildcat			Estimated Acres per Acreage 320		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation: Unit

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

H. F. Wurtz, Jr.

Name

H. F. Wurtz, Jr.

Position

Senior Production Clerk

Company

Perry R. Bass

Date

June 10, 1961

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

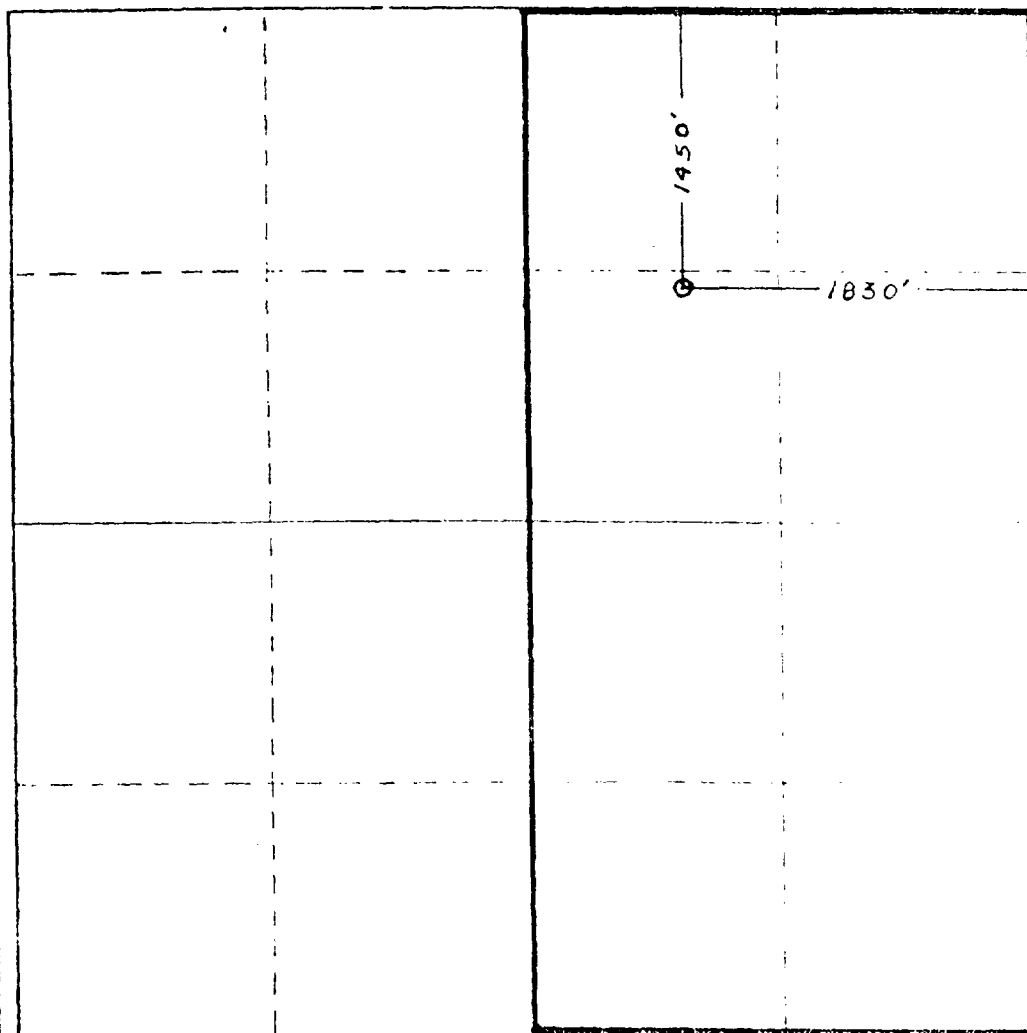
Date surveyed

April 4, 1960

Plotted by: **John W. West**
 and checked by: _____

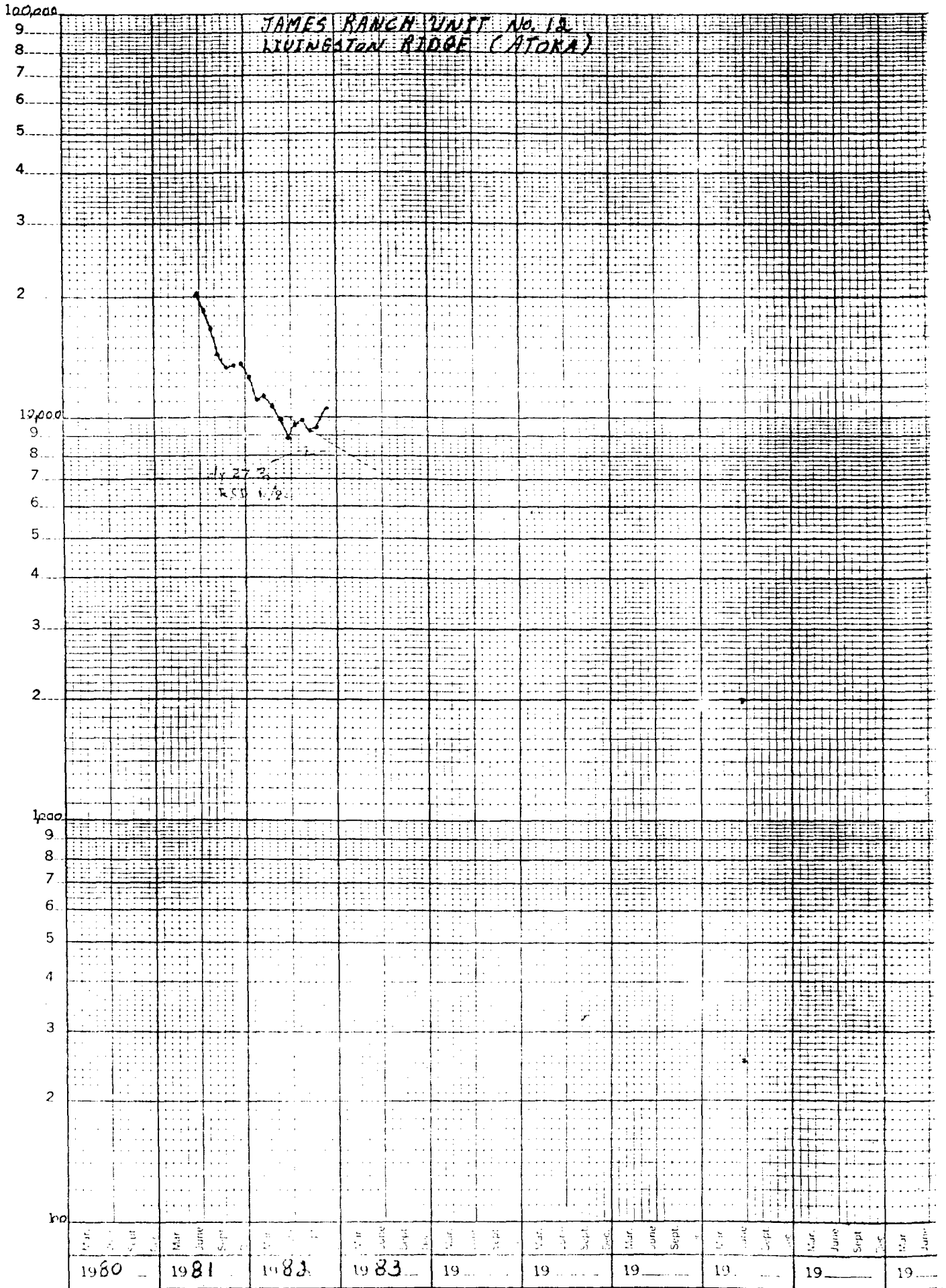
/s/ John W. West

Certification No. **676**



0 330 660 990 1320 1650 1980 2310 2640 2970 3300

MCFPM



BASS ENTERPRISES PRODUCTION COMPANY

PAGE NO

SUBJECT JAMES RANCH NO. 12	DATE 2-23-81	DEPARTMENT	PREPARED BY LDA
-------------------------------	-----------------	------------	--------------------

SEC. 21 - T225-R30E
EDDY COUNTY, NEW MEXICO

ELEV: 3162' GL
3180' KB

SPUD: 9-4-80

COMP: 12-21-80

13 3/8" - 48# / 4-40

STC @ 540'

CMTD w/ 500SX CLASS "C"
CIRC. 40SX

95/8" - 36# / 4-55

@ 3729'

CMTD w/ 1725SX B.J. LITE
TAILED w/ 250SX CLASS "C"
CIRCULATED 300SX

2 3/8" EUE BRO 4 7# N-80 +bg.

TOC @ 9590'
(TEMP SURVEY)

(12-19-80)

2 3/8" x 5 1/2" OTIS M-H 2 Packer @ 12,423' (13,000' comp.)

2 3/8" OTIS M-H 2 1875 ID w/ 1/4" 10-60 @ 12435'

2 3/8" MOLTSHOE nipple @ 12436'

HOCA PERFS 12,665' - 12,672' w/ 1 JSF using JRC SSB II (12-6-80)
ACIDIZED w/ 40 BLS w/ 1% BALL STAINES (NO ACID GOT TO PERFS) (12-10-80)
ACIDIZED w/ 200 gal 15% ACFIC ACID (12-15-80)

RESIST HOCA PERFS 12,665' - 12,672' w/ 1-9 1/4" +bg. gun (12-17-80)
ACIDIZED w/ 2000 gal 14% H₂SO₄ (12-20-80)

5 1/2" ODCSA 17 1/4" S-95'

N-80 @ 14,155'

CMTD w/ 435SX B.J. LITE
TAILED w/ 895SX CLASS "H"

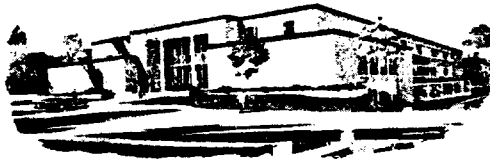
TD 14,200'

14,155'

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

January 7, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

472

Re: Application for Approval of the
Participating Area for the
Morrow "A" Formation
James Ranch Unit Well No. 7
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved the Participating Area, Morrow "A" Formation for the James Ranch Unit, Eddy County, New Mexico. Such Participating Area is predicated upon the knowledge and information first obtained upon the completion in paying quantities under the terms of the Unit Agreement of the well No. 7. The following lands constitute the Participating Area for the Morrow "A" producing zone or formation. Lots 1, 2, S/2NE/4, SE/4 Section 6, Township 23 South, Range 31 East, Eddy County, New Mexico.

Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
Administration



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

December 29, 1982

POST OFFICE BOX 100
STATE LAND OFFICE
SANTA FE, NEW MEXICO 87501
(505) 827-2400

Bass Enterprises Production Co.
First City Bank Tower
201 Main St.
Ft. Worth, Texas 76102

ATTENTION: Jens Hansen

RE: Application for Approval of
the Participating Area for
the Morrow "A" Formation,
James Ranch Unit Well No. 7
Eddy County, New Mexico

Dear Sir:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely,

A handwritten signature in cursive script that reads "Roy E. Johnson".

Roy E. Johnson
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office

Case 472



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

December 28, 1982

BASS ENTERPRISES PRODUCTION CO.
First City Bank Tower
201 Main Street
Ft. Worth, Texas 76102

Case 472

ATTENTION: Jens Hansen

RE: 1983 Plan of Development
for Big Eddy, James Ranch,
and Poker Lake Federal Units

Dear Sir:

Enclosed please find an approved copy of the material referenced above.
Such approval is contingent upon like approval by the Commissioner of
Public Lands and the U. S. Minerals Management Service.

Sincerely,

Roy E. Johnson
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

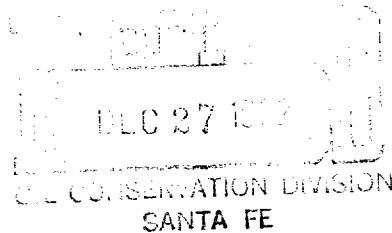
December 22, 1982

Case # 472

MINERAL MANAGEMENT SERVICE
505 Marquette Northwest
Room 815
Albuquerque, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

NEW MEXICO OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 85701



RE: Application for Approval of the
Participating Area for the
Morrow "A" Formation
James Ranch Unit Well #7
Eddy County, New Mexico
14-08-001-558

Gentlemen:

Bass Enterprises Production Co., Unit Operator for the James Ranch Unit Agreement, pursuant to the provisions of Section II thereof, respectfully submits for your approval the selection of the following described lands to constitute the Participating Area for the Morrow "A" producing zone or formation, to wit:

Lots 1 and 2, S/2 NE/4 and SE/4 (E/2), Section 6, T23S-R31E, Eddy County, New Mexico, and containing 319.92 acres of land.

In support of this application, the following numbered items are attached hereto and made a part hereof:

- (A) An ownership map showing thereon the boundaries of the Unit Area and the proposed Participating Area.

Mineral Management Service
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 22, 1982
Page Two

- (B) A schedule showing the lands entitled to participation in the unitized substances produced from the Morrow Formation, with the percentage of participation of each lease or tract indicated thereon.
- (C) A geological and engineering report with accompanying geologic maps supporting and justifying the proposed selection of the Participating Area.

The proposed Participating Area is predicated upon the knowledge and information first obtained upon the completion in paying quantities under the terms of the Unit Agreement on August 1, 1975, of Unit Well No. 7, in the SW/4 NE/4, Section 6, T23S-R31E, with an initial production of 1,559,933 CFGPD from the Morrow Formation at a depth of 14,062 to 14,526 feet. The effective date of this area shall be August 1, 1975, pursuant to Section 11 of the Unit Agreement.

Consequently, applicant respectfully requests your approval of the hereinabove selection of lands to constitute the Morrow "A" Participating Area, to be effective August 1, 1975.

Sincerely,



JENS HANSEN
Division Landman

JH:dw
Enclosures

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER

Commissioner of Public Lands

December 13, 1982

P. O. BOX 1148
SANTA FE, N. M. 87504-1148

#472

Bass Enterprises Production Co.
First City Bank Tower, 201 Main St.
Fort Worth, Texas 76102

Re: 1983 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983-Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes to drill the James Ranch Unit Well No. 15 in Section 17, Township 23 South, Range 31 East to test the Morrow formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

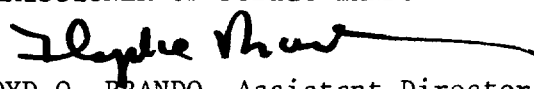
Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:


FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

AJA/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

December 7, 1982

Case # 472
File Copy

MINERAL MANAGEMENT SERVICE
P. O. Box 26124
Albuquerque, New Mexico 87125

COMMISSIONER OF PUBLIC LANDS
P. O. Box 1148
Santa Fe, New Mexico 87501
Attention: Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: 1983 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Perry R. Bass, Unit Operator, hereby submits for your approval a Plan of Development for the year 1983.

History of Past Development - We have reviewed in our previous Plan of Development all wells drilled within the Unit and we refer to such Plans for specific reference therein.

1982 Activity

James Ranch Unit Well #13 - surface location 1440' FNL and 860' FWL, Section 6, T23S-R31E - bottom hole location 1424' FWL and 1177' FSL, Section 31, T22S-R31E, Eddy County, New Mexico. This Well was directionally drilled to a total depth of 15,078' and plugged back to a depth of 15,061'. The Well was perforated between the depths of 13,466' and 13,477' with the top production interval being located 1439' FWL and 687' FSL of Section 31, T22S-R31E. The Well was completed in the Atoka Formation as a gas well and is currently shutin waiting on pipeline.

Participating Areas

We will submit in the near future our recommendation for commercial determinations for previously drilled wells which have not yet been submitted.

Future Development

We plan to drill the following test well for unitized substances at the following location:

James Ranch Unit Well #15 - Section 17, T23S-R31E - 14,700 Morrow Test.

MINERAL MANAGEMENT SERVICE
COMMISSIONER OF PUBLIC LANDS
NEW MEXICO OIL CONSERVATION DIVISION
December 7, 1982
Page 2

Additional Development

This Plan of Development shall constitute the drilling obligation of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1983.

Modifications

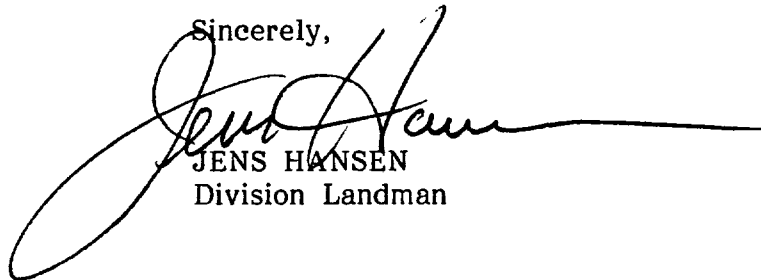
In accordance with the terms and provisions of the James Ranch Unit Agreement, this Plan of Development may be modified from time to time due to changing conditions.

Effective Date

This Plan of Development shall be effective January 1, 1983.

If this Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one (1) copy for our records.

Sincerely,



JENS HANSEN
Division Landman

JH:ep

AGREED TO AND ACCEPTED this _____ day of _____, 1982.

MINERAL MANAGEMENT SERVICE

By _____

AGREED TO AND ACCEPTED THIS _____ day of _____, 1982.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED TO AND ACCEPTED this 21st day of December, 1982.

NEW MEXICO OIL CONSERVATION DIVISION

By 

State of New Mexico

Case # 472



ALEX J. ARMIJO
COMMISSIONER

Commissioner of Public Lands

November 10, 1982

P. O. BOX 1148
SANTA FE, N. M. 87504-1148

Bass Enterprises Production Co.
Fort Worth National Bank Building
Fort Worth, Texas 76102

Re: Application for Approval of the
First Revision of the Initial Participating
Area of the Atoka Formation
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your First Revision of the Initial Participating Area of the Atoka Formation, for the James Ranch Unit, Eddy County, New Mexico. The Revised Participating area covers the S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 1, Township 23 South, Range 30 East and is based upon the knowledge and information first obtained upon completion in paying quantities of the Unit Well No. 10, in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 1, Township 23 South, Range 30 East, with an initial production of gas from the Atoka Formation at a depth of 12,896' to 12,904'.

Our approval is subject to like approval by the United States Minerals Management Service.

Enclosed is an approved copy for your files.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-2748

AJA/RDG/pm

encls.

cc: OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration

40



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

October 20, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Bass Enterprises Production Co.
Fort Worth National Bank Building
Fort Worth, Texas 76102

Attention: Jens Hansen

472

Re: Application for Approval of the
First Revision of the Initial
Participating Area of the Atoka
Formation, James Ranch Unit,
Eddy County, New Mexico
14-08-001-558

Gentlemen:

The above referenced submittal has been approved by the
New Mexico Oil Conservation Division effective this date.
Such approval is contingent upon like approval by the New
Mexico Commissioner of Public Lands and the United States
Minerals Management Service.

Sincerely,

W. PERRY PEARCE
General Counsel

WPP/dr

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office

INTER-OFFICE COMMUNICATION

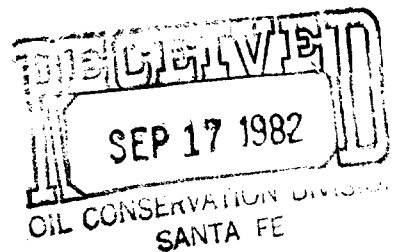
DATE August 24, 1982

TO: Fort Worth Office

FOR: Jim E. Greve

FROM: Lucien J. Tujague

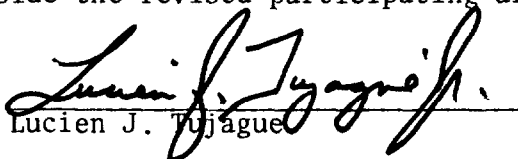
RE: Engineering and Economic Report
to support the proposed revision to the initial
participating area of the Atoka Formation
James Ranch Unit
Eddy County, New Mexico



The existing participating area for the Atoka Formation includes the acreage proven commercial by the Shell James Ranch Unit No. 1 located in Section 36, Township 22S, Range 30E. The proposed revision to the participating area would enlarge the area to include the S/2 of the NE/4 and the SE/4 of Section 1, Township 23S, Range 30E. This is an increase of 240 acres which yields a total of 600.54 acres for the enlarged participating area. The additional acreage is proven to be commercial in the Belco James Ranch Unit No. 10. Reservoir communication is apparent between the James Ranch Unit Nos. 1 and 10, based on geological analysis, pressure data, and production history.

The total gas in place for the Atoka reservoir is estimated by BHP/Z at 45 BCF with 38 BCF recoverable. The majority of the recoverable gas has been produced by the Shell James Ranch Unit No. 1, which has a cumulative production of over 23 BCF thru 1981. The recoverable reserves from the Belco James Ranch Unit No. 10 is estimated at 5.9 BCF from production history dating back to April 18, 1980. The value of the James Ranch Unit No. 10 reserves after royalties, taxes, and discount is estimated at 5.8 million dollars. This is based on the actual drilling and completion costs of 1.4 million dollars in 1980, \$2000/month estimated operating costs, actual royalties, anticipated prices for gas and condensate, and a 15% discount factor. These economics provide for the commerciality of the James Ranch Unit No. 10 as defined for participating area purposes.

The Atoka Formation has been tested by several wells in the James Ranch Unit, but only the Shell James Ranch Unit No. 1 and Belco James Ranch Unit No. 10 have proven to be commercial. The two wells are producing from a correlative Atoka sand and the participating area around well No. 1 should be enlarged to include the S/2 of NE/4 and the SE/4 of Section 1, Township 23S, Range 30E. This is an addition of 240 acres for a total of 600.54 acres. The effective date of expansion should be April 18, 1980, corresponding with the first production from James Ranch Unit No. 10. The participating area should not be enlarged any further until the correlative Atoka sand is proven commercial by another well outside the revised participating area.

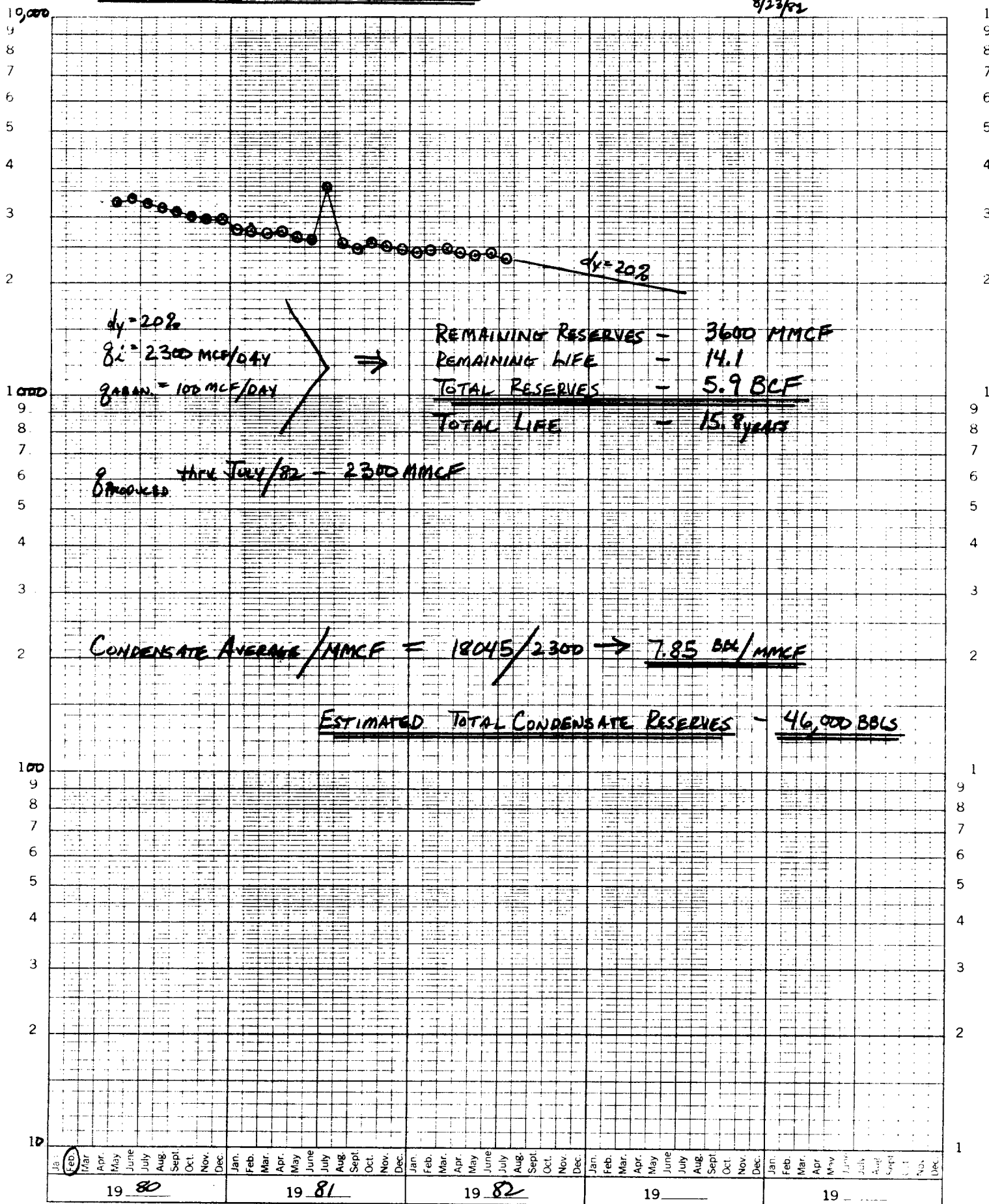

Lucien J. Tujague

LJT/ch
Attachments

BELCO JAMES RANCH UNIT #10

8/23/82

LJI



LJI

ES RANCH UNIT #10
 NOMICS FOR PARTICIPATING AREA
 LJT

DATE: 08/24/82
 TIME: 14:12:37
 FILE: LJTJR10
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P R O J E C T D A T A

1	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE	
START	4/80						
GAS	3400.00	100.00 M/D		5.90 BCF		CPD	X
OIL/GAS	7.85	7.85 B/MM		LIFE		LIN	CUM
WPT T3	1/80 .3 .3 .275 .25 .225 .2 3*.15 .125 .075 .025 0						#/Y
PRI/T3	18.36	X \$/B		LIFE		PC/Q	8.00
PRI/GAS	2.27	X \$/M		1/85 AD		PC/Q	6.00
"	6.00	12.00 \$/M		LIFE		PC/Q	6.00
PRI/OIL	31.00	31.00 \$/B		1/86 AD			
"	31.00	75.00 \$/B		X YRS		PC/Q	6.00
ATX	2.00	2.00 %		LIFE			
OPC/T	2000.00	2000.00 \$/M		LIFE			
S /51	1.33	X \$/M		LIFE		MUL	51.00
STX/OIL	3.75	X %		LIFE			
STX/GAS	0.13	X \$		LIFE			
LSE/WI	100.00	D %		LIFE			
LSE/RIC	13.10	D %		LIFE			
LSE/RIG	13.10	D %		LIFE			
ESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	
DRILL	560.00	840.00 M\$G		0.00 YRS			
OVERHEAD	56.00	84.00 M\$G		0.00 YRS			
SALVAGE	-84.00	0.00 M\$G		0.00 LIFE			

ES RANCH UNIT #10
 NOMICS FOR PARTICIPATING AREA
 LJT

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RESERVES AND ECONOMICS

AS OF DATE: 1/1/1982

IOD ENDING	12-80	12-81	12-82	12-83	S TOT	AFTER	17.6 YR TOTAL
-----	-----	-----	-----	-----	-----	-----	-----
ERSHIP							

WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000
REVENUE INTEREST, %	86.900	86.900	86.900	86.900	86.900	86.900	86.900
ESTMENTS, M\$							

BORROWED CAPITAL	0.	0.	0.	0.	0.	0.	0.
EQUITY INVESTMENTS	1540.	0.	0.	0.	1540.	-84.	1456.
RISK	0.	0.	0.	0.	0.	0.	0.
TOTAL	1540.	0.	0.	0.	1540.	-84.	1456.
PHASE							

GROSS OIL, MB	7.	8.	6.	5.	26.	21.	46.
NET OIL, MB	6.	7.	5.	4.	22.	18.	40.
OIL REVENUE, M\$	182.	204.	166.	135.	688.	650.	1337.
OIL PRICE, \$/B	31.00	31.00	31.00	31.00	31.00	35.97	33.23
PHASE							

GROSS GAS, MMF	863.	963.	785.	640.	3252.	2648.	5900.
NET GAS, MMF	750.	837.	682.	556.	2826.	2301.	5127.
GAS REVENUE, M\$	1727.	2027.	1752.	1514.	7020.	15318.	22337.
GAS PRICE, \$/MCF	2.302	2.422	2.567	2.721	2.484	6.656	4.357
IONICS, M\$							

GROSS REV. TO INTR.	1909.	2231.	1918.	1649.	7707.	15968.	23675.
- SEV. TAX	101.	113.	92.	75.	382.	314.	696.
- WPT TAX PAID	21.	21.	13.	8.	63.	8.	71.
+ WPT REFUND	0.	0.	0.	0.	0.	0.	0.
- AD VALOREM TAX	36.	42.	36.	31.	145.	313.	458.
- OPERATING COSTS	24.	32.	32.	32.	120.	434.	553.
- CAPITAL REPAYMENT	0.	0.	0.	0.	0.	0.	0.
- INTEREST PAID	0.	0.	0.	0.	0.	0.	0.
= NET INCOME	1727.	2023.	1744.	1503.	6997.	14899.	21896.
- INVESTMENTS & RSK	1540.	0.	0.	0.	1540.	-84.	1456.
= BFIT NET	187.	2023.	1744.	1503.	5457.	14983.	20440.
ENT WORTH							

NET INCOME	2165.	2182.	1620.	1201.	7168.	5865.	13034.
INVESTMENTS & RISK	2002.	0.	0.	0.	2002.	-8.	1994.
BFIT NET	163.	2182.	1620.	1201.	5166.	5874.	11040.
CUM BFIT NET	163.	2345.	3965.	5166.	5166.	11040.	11040.

AFTER TAX ECONOMICS

AS OF DATE: 1/1/1982

IOD ENDING	12-80	12-81	12-82	12-83	S TOT	AFTER	17.6 YR TOTAL
ESTIMENTS, M\$							
EXPENSED & RISK	924.	0.	0.	0.	924.	0.	924.
DEPLETABLE	0.	0.	0.	0.	0.	0.	0.
DEPRECIABLE	616.	0.	0.	0.	616.	-84.	532.
TOTAL	1540.	0.	0.	0.	1540.	-84.	1456.
CALCULATIONS, M\$							
GROSS REV. TO INTR.	1909.	2231.	1918.	1649.	7707.	15968.	23675.
- SEVERANCE TAX	101.	113.	92.	75.	382.	314.	696.
- WPT TAX (NET)	21.	21.	13.	8.	63.	8.	71.
- OPR. COSTS & AD T	60.	74.	68.	63.	265.	746.	1011.
- OVERHEAD	0.	0.	0.	0.	0.	0.	0.
- EXPENSED INV.	924.	0.	0.	0.	924.	0.	924.
- DEPRECIATION	84.	123.	118.	118.	442.	118.	560.
= NET	719.	1900.	1627.	1385.	5631.	14781.	20412.
- DEPLETION	0.	0.	0.	0.	0.	0.	0.
- INTEREST	0.	0.	0.	0.	0.	0.	0.
= TAXABLE	719.	1900.	1627.	1385.	5631.	14781.	20412.
* TAX RATE, %	46.0	46.0	46.0	46.0	46.0	46.0	46.0
- INVESTMENT CREDIT	56.	0.	0.	0.	56.	0.	56.
= F. I. T.	275.	874.	748.	637.	2534.	6799.	9333.
REVENUE-SEV-WPT	1787.	2097.	1812.	1566.	7262.	15645.	22907.
- OPR. COSTS & ATX	60.	74.	68.	63.	265.	746.	1011.
- F. I. T.	275.	874.	748.	637.	2534.	6799.	9333.
= A. F. I. T.	1452.	1149.	996.	866.	4463.	8099.	12562.
- LOAN REPAYMENT	0.	0.	0.	0.	0.	0.	0.
- INTEREST	0.	0.	0.	0.	0.	0.	0.
= NET INCOME	1452.	1149.	996.	866.	4463.	8099.	12562.
- INVESTMENTS & RSK	1540.	0.	0.	0.	1540.	-84.	1456.
= A. F. I. T. NET	-88.	1149.	996.	866.	2923.	8183.	11106.
SENT WORTH							
NET INCOME	1820.	1240.	925.	692.	4677.	3205.	7881.
INVESTMENTS & RISK	2002.	0.	0.	0.	2002.	-8.	1994.
A. F. I. T. NET	-182.	1240.	925.	692.	2675.	3213.	5888.
CUM. A. F. I. T. NET	-182.	1058.	1983.	2675.	2675.	5888.	5888.

ES RANCH UNIT #10
NOMICS FOR PARTICIPATING AREA
LJT

DATE: 08/24/82
TIME: 14: 12: 37
FILE: LJTJR10
FILE: LJTG2CD
PROJ: 0

ECONOMIC INDICATORS

AS OF DATE: 1/1/1982

	B. F. I. T. WORTH M\$-----	A. F. I. T. WORTH M\$-----	A. F. I. T. BONUS M\$-----
SENT WORTH PROFILE AND E-OF-RETURN VS. BONUS TABLE			
00.	20439.856	11106.402	20567.426
5.	16032.191	8671.065	14704.707
10.	13081.021	7031.945	11290.172
15.	11039.967	5887.612	9128.564
20.	9583.450	5059.049	7671.727
25.	8514.161	4437.989	6640.077
30.	7710.718	3957.929	5880.455
35.	7093.064	3574.880	5300.607
40.	6609.197	3260.189	4844.012
50.	5909.865	2761.706	4162.967
60.	5435.115	2361.800	3656.508
70.	5089.661	2003.635	3225.258
80.	4816.958	1650.501	2800.455
90.	4579.597	1274.909	2318.316
100.	4349.853	853.011	1698.731
E OF RETURN, PCT.	100.0	100.0	
ISCOUNTED PAYOUT, YRS.	0.89	1.08	
COUNTED PAYOUT, YRS.	0.92	1.15	
ISCOUNTED NET/INVEST.	15.04	8.63	
COUNTED NET/INVEST.	6.54	3.95	

BASS ENTERPRISES PRODUCTION CO.

WEST TEXAS DIVISION

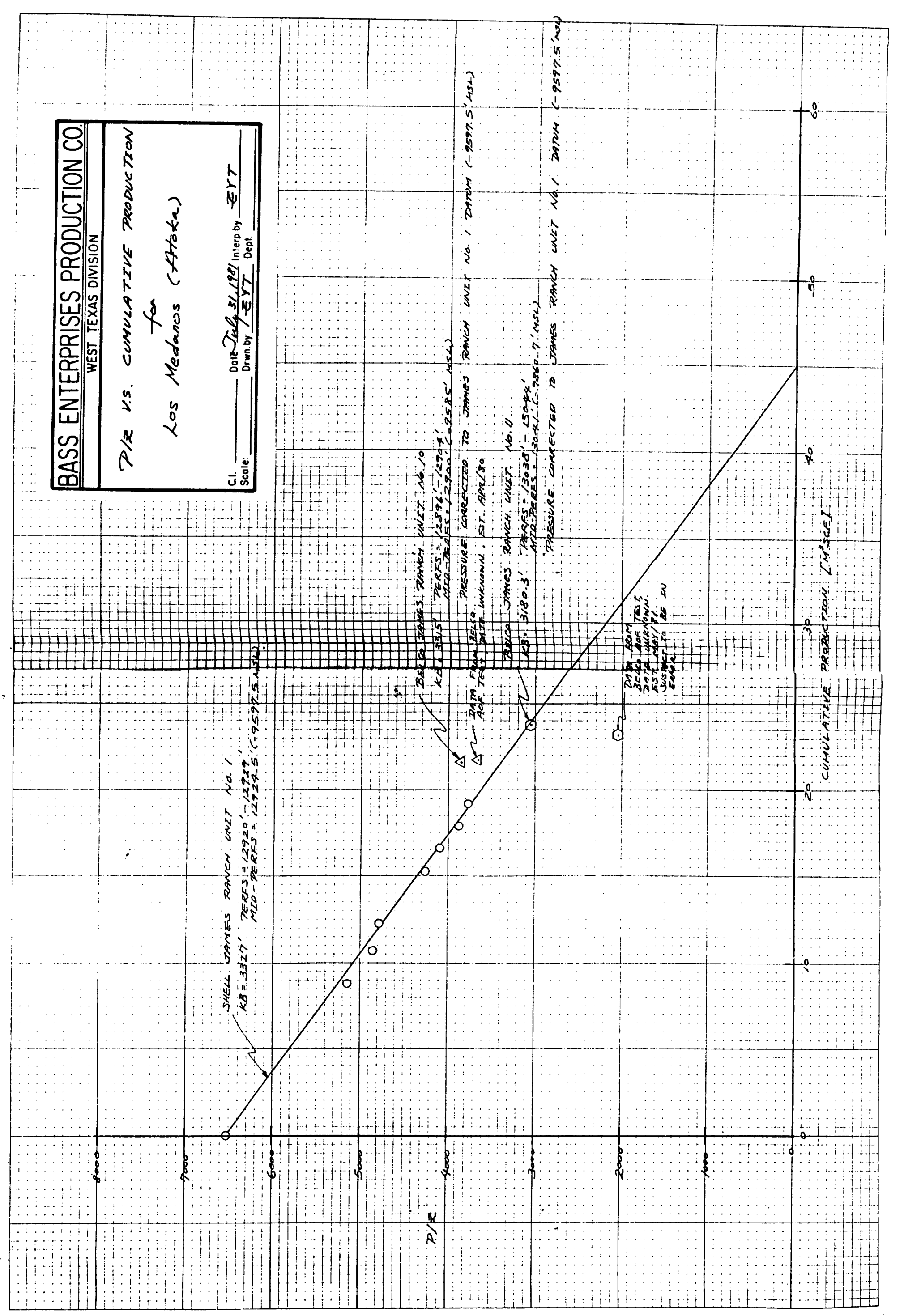
P/R VS. CUMULATIVE PRODUCTION

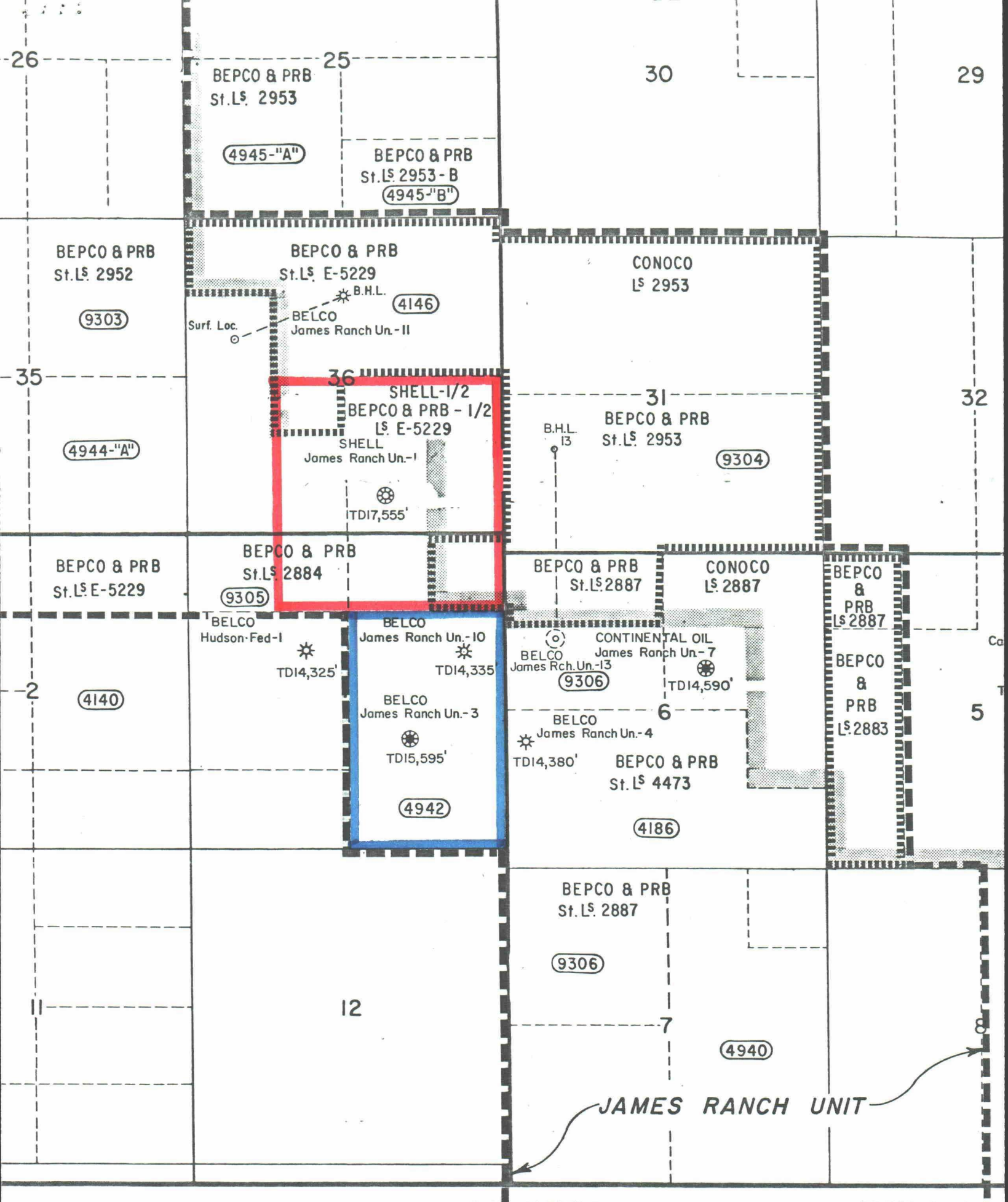
for

Los Medanos (Hata)

C.I. _____ Date July 31, 1981 Inter by EYT

Scale: _____ Drawn by EYT Dept _____





PARTICIPATING AREA FOR
ATOKA FORMATION

Scale: 1" = 2000'

RANCH

UNIT

HILL TANK

Gulf
Sprinkle
© 1-A

Richardson, et al
1-Long
TD 15,584

-9567

-9529

Belco
James Rch.
16,600'

Shell
James Rch.
17,555'

-9614 Bass
James Rch.
© 1-A
© 1-B

Belco Pot
11-Montgomery
TD 4,325

-9563

-9578
14,335
Belco Pot
3-Jones Rch
TD 15,595

-9584

Belco
James Rch
14,380

-9592

Conc'l
7-James Rch
TD 14,590

-9727

Grace
1-Cover Baby

James Ranch Unit

TOP ATOKA SAND

S.A.H.
7/82

Hall, et al
1-Montgomery
TD 3718

RIDGE

UNIT

Phillips
1-Sandy U
TD 14,857

-10050

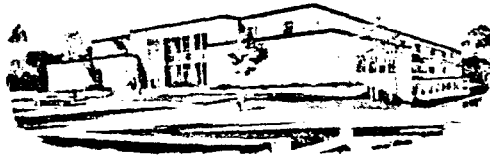
JONES

El Paso New Gas
1-Area St
TD 15,000
-10013

Coquina
Pure Gold-Fed
-9945 © 1-B

Coquina
Pure Gold-Fed
© 1-A

State of New Mexico



Commissioner of Public Lands

August 20, 1982

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501
87504-1148

Bass Enterprises Production Co.
Fort Worth National Bank Building
Fort Worth, Texas 76102

Re: James Ranch Unit
Revised Exhibits "A" and "B"
Eddy County, New Mexico

472

ATTENTION: Mr. Louis W. Wilpitz, III

Gentlemen:

This will acknowledge receipt of your letter dated August 11, 1982 together with revised Exhibits "A" and "B" indicating the correct James Ranch Unit Area subsequent to contraction pursuant to the condemnation for the WIPP area.

We have this date accepted these corrected exhibits and have filed them in our unit file.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-2748

AJA/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration

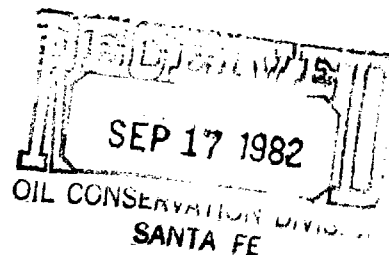
BASS ENTERPRISES PRODUCTION CO.
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102

August 11, 1982

MINERAL MANAGEMENT SERVICE
505 Marquette Northwest
Room 815
Albuquerque, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501



472

Re: Application for Approval of the
First Revision of the Initial Participating
Area of the Atoka Formation
James Ranch Unit
Eddy County, New Mexico
14-08-001-558

Gentlemen:

Bass Enterprises Production Co., as Unit Operator for the James Ranch Unit Agreement, approved by the Regional Conservation of the U. S. Geological Survey, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described land to constitute the First Revision of the Participating Area for the Atoka producing zone or formation, to wit:

S/2 NE/4 and the SE/4 in Section 1, T23S-R30E, Eddy County, New Mexico, and containing 240 acres of land.

In support of this application the following numbered items are attached hereto and made a part hereof:

- (1) An ownership map showing thereon the boundary of the Unit Area, the Participating Area as heretofore established or revised, and the boundary of the proposed revision herein.
- (2) A schedule showing the lands entitled to participation in the unitized substances produced from the Atoka Formation, with the percentage of participation of each lease or tract indicated thereon.

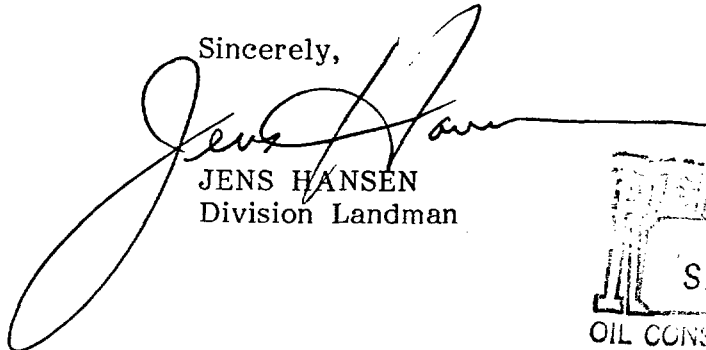
Applicant is submitting separately in triplicate a geological and engineering report with accompanying maps supporting and justifying the proposed selection of the First Revision of the Participating Area.

Mineral Management Service
Commissioner of Public Lands
New Mexico Oil Conservation Division
August 11, 1982
Page 2

This proposed First Revision of the Participating Area is predicated upon the knowledge and information first obtained upon completion in paying quantities under the terms of the Unit Agreement on May 1, 1980, of Unit Well No. 10, in SE/4 NE/4, Section 1, T23S-R30E, with an initial production of gas from the Atoka Formation at a depth of 12,896' to 12,904'. The effective date of this first revision shall be May 1, 1980, pursuant to Section 11 of the Unit Agreement.

Consequently, applicant respectfully requests your approval of the hereinabove selection of lands to constitute the First Revision of the Initial Atoka Participating Area to be effective May 1, 1980.

Sincerely,



JENS HANSEN
Division Landman

JH:ep
Enclosures

