472

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

April 17, 2003

EXPRESS MAIL/
Return Receipt Requested

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Ed L. Roberson

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Ms. Jami Bailey

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Roy Johnson

Re: 2003 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, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 2003.

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.

2002 ACTIVITY

No wells were drilled during calendar year 2002. However, Bass will continue to evaluate product prices, geophysical data and other subsurface information for future drilling opportunities in the James Ranch Unit.

PARTICIPATING AREAS

Bass Enterprises Production Co. has submitted commercial determinations for wells drilled in prior years along with an application for a participating area for the Delaware Formation and revisions to the Bone Springs Participating Area. The Initial Delaware Participating Area and First Revision have been fully executed. The Initial Delaware "A" Participating Area has also been fully executed. The Bone Spring Participating Area revisions are being reviewed.

FUTURE DEVELOPMENT

James Ranch No. 11, Eddy County, New Mexico - This well was drilled in the SE/4 NW/4 Section 11, T22S-R31E to the Atoka Formation and is now inactive. Bass plans to recomplete the well to the Delaware Formation.

James Ranch No. 80 – This well will be drilled at a legal location being 330' FNL & 1,650' FEL, Section 36, T22S-R30E, Eddy County, New Mexico to a proposed depth of 11,250' to test the Wolfcamp Formation.

James Ranch Nos. 62 and 81 – Bass filed APD's for the drilling of these wells in Section 1, T23S-R30E to the Delaware Formation. The APD's were denied due to potash restrictions and Bass filed an appeal of this denial to the IBLA on June 6, 2000. No decision has been received by Bass. If the IBLA decision is favorable, these wells will be drilled.

OFFSET OBLIGATIONS

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

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 become effective on January 1, 2003.

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 the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 22nd day of April, 2003.

BUREAU OF LAND MANAGEMENT

By: ______________________________

COMMISSIONER OF PUBLIC LANDS

By: ______________________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ______________________________

472

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION
Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL
Phone (505) 827-5713
Fax (505) 827-4262

PUBLIC AFFAIRS
Phone (505) 827-1245
Fax (505) 827-5766

New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.

COMMERCIAL RESOURCES
Phone (505) 827-5724
Fax (505) 827-6157

MINERAL RESOURCES
Phone (505) 827-5744
Fax (505) 827-4739

ROYALTY MANAGEMENT
Phone (505) 827-5772
Fax (505) 827-4739

SURFACE RESOURCES
Phone (505) 827-5793
Fax (505) 827-5711

April 15, 2002

Bass Enterprises Production Company
201 Main Street
Ft. Worth, Texas 76102-3131

Attn: Mr. J. Wayne Bailey

2002 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Dear Mr. Bailey:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: Jami Bailey
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
xc: Reader File OCD BLM

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

April 3, 2002

EXPRESS MAIl/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505

Attention: Mr. Roy Johnson

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

Attention: Ms. Jami Bailey

Re: 2002 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, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 2001.

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.

2001 ACTIVITY

James Ranch Unit Well No. 83 – This well was drilled at a location being 2,080' FSL & 1,780' FEL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,300' – 7,780'.

James Ranch Unit Well No. 84 This well was drilled at a location being 1,980' FNL, 760' FEL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,315' - 7515'.

PARTICIPATING AREAS

Bass Enterprises Production Co. submitted commercial determinations for the above wells and other wells drilled in prior years along with an application for a participating area for the Delaware Formation and revisions to the Bone Springs Participating Area. The Initial Delaware Participating Area and First Revision have been fully executed. The Initial Delaware "A" Participating Area has also been fully executed. The Bone Spring Participating Area revisions are being reviewed.

FUTURE DEVELOPMENT

No wells are currently planned for calendar year 2002. However, Bass will continue to evaluate product prices, geophysical data and other subsurface information for future drilling opportunities in the James Ranch Unit.

James Ranch Nos. 62 and 81 – Bass filed APD's for the drilling of these wells in Section 1, T23S-R30E to the Delaware Formation. The APD's were denied due to potash restrictions and Bass filed an appeal of this denial to the IBLA on June 6, 2000. No decision has been received by Bass. If the IBLA decision is favorable, these wells will be drilled.

OFFSET OBLIGATIONS

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

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 become effective on January 1, 2002.

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 the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 8th day of April, 2002.

BUREAU OF LAND MANAGEMENT

By: ______________________

COMMISSIONER OF PUBLIC LANDS

By: ______________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ______________________

472

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

November 6, 2001

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: First Revision – Initial Delaware Participating Area
Initial Delaware "A" Participating Area
James Ranch Unit, No. 14-08-001-558
Eddy County, New Mexico

Ladies and Gentlemen:

Please reference Bass' letter dated April 20, 2000, submitting its application for the Initial Delaware Participating Area and applications for the First and Second Revisions to the Initial Delaware Participating Area in the James Ranch Unit. Also, please reference the BLM's letter dated October 15, 2001, and subsequent conversations between Bass, the BLM and State Land Office, according to which the agencies have approved the Initial Delaware Participating Area (James Ranch Unit No. 19) and have provided a description for the first revision thereof. Also the agencies have indicated that the Initial Delaware "A" Participating Area should be formed. Revised schedules and applications should be submitted by Bass to effectuate the above decisions. In that regard, Bass hereby submits the following items:

1) Revised Exhibits A and B for our application for the First Revision to the Initial Delaware Participating Area.

2) New application for the Initial Delaware "A" Participating Area including Exhibit A and B.

To indicate your receipt and approval of the revised Exhibits to the First Revision to the Initial Delaware Participating Area, please execute one (1) copy of this letter in the space provided below and return to the undersigned for our files. In order to evidence your acceptance and approval of the Initial Delaware "A" Participating Area, please sign on the appropriate space provided on the attached application. Thank you very much and should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned at (817) 390-8671

Very truly yours,

J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this ____________ day of _____________, 2001.

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
By: ______________________	By: ______________________	By: ______________________
Its: ______________________	Its: ______________________	Its: ______________________

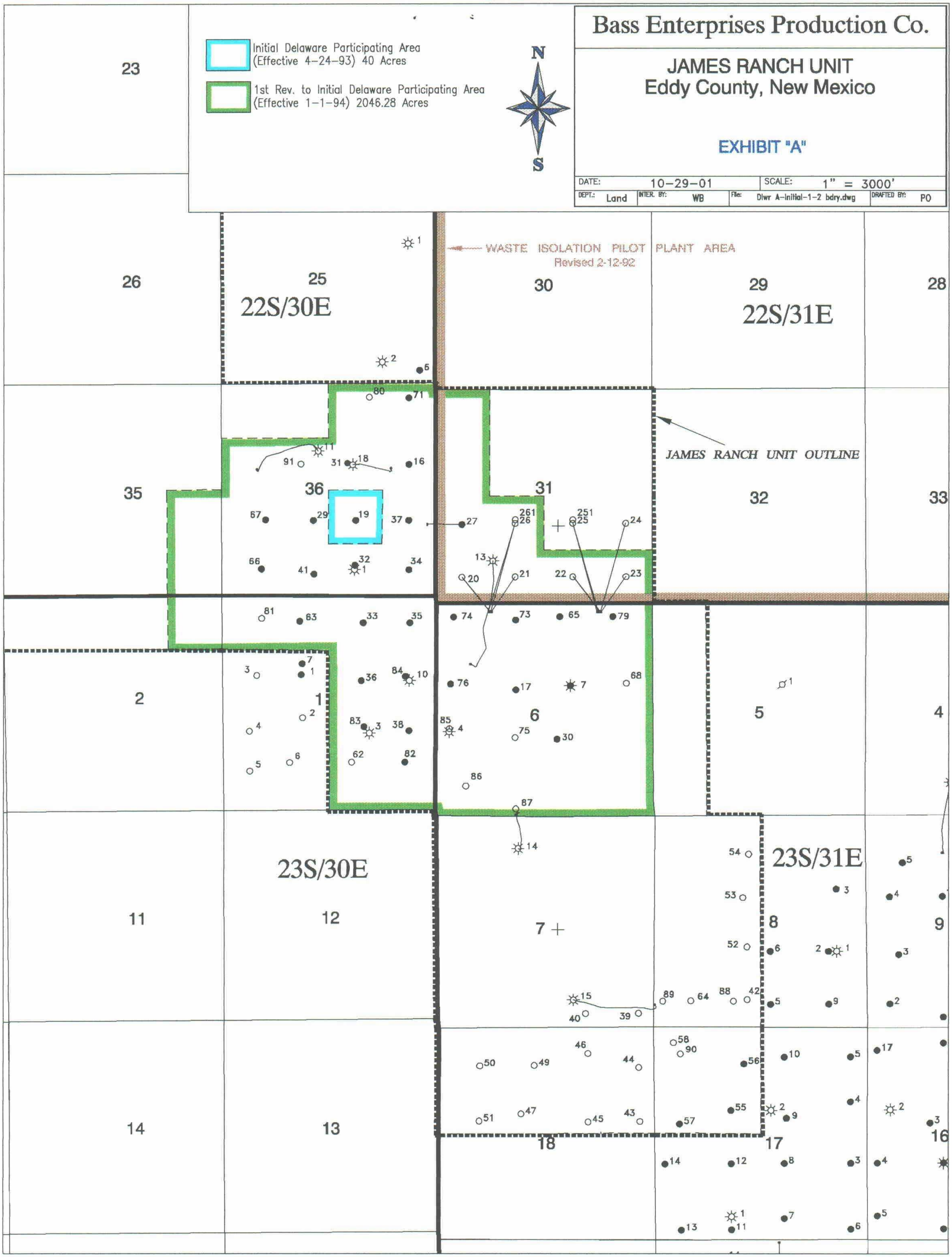

Bass Enterprises Production Co.
JAMES RANCH UNIT
Eddy County, New Mexico
EXHIBIT "A"
DATE: 10-29-01
SCALE: 1" = 3000'
DEPT.: Land
INTER. BY: WB
File: Dlwr A-Initial-1-2 bdry.dwg
DRAFTED BY: PO
Initial Delaware Participating Area (Effective 4-24-93) 40 Acres
1st Rev. to Initial Delaware Participating Area (Effective 1-1-94) 2046.28 Acres
N
S
WASTE ISOLATION PILOT PLANT AREA
Revised 2-12-92
JAMES RANCH UNIT OUTLINE
22S/30E
22S/31E
23S/30E
23S/31E

EXHIBIT "B"
First Revision to Initial Delaware Participating Area
James Ranch Federal Unit
Eddy County, New Mexico

Tract No.	Lease No.	Description	Participating Acres	Percentage of Participation	Working Interest Owners	
3	NM 02884-A	Section 1, T23S-R30E; Lots 3, 4	80.72	3.9447	Bass Enterprises Production Co. -	100%
3-A	NM 02884-B	Section 1, T23S-R30E; Lots 1, 2, S/2 NE/4, SE/4	320.24	15.6497	Bass Enterprises Production Co. -	100%
4	NM 02887-A	Section 6, T23S-R31E; Lots 1, 2, S/2 NE/4, NE/4 SE/4	199.92	9.7688	Bass Enterprises Production Co. -	100%
4	NM 02887-D	Section 6, T23S-R31E; Lots 3, 4, 5, SE/4 NW/4	161.08	7.8717	Bass Enterprises Production Co. -	100%
6-A	NM 02952-A	Section 35, T22S-R30E; E/2 SE/4	80.00	3.9095	Bass Enterprises Production Co. -	100%
7	NM 02953	Section 31, T22S-R31E; Lots 1, 2	80.86	3.9515	Bass Enterprises Production Co.-	100%
7	NM 02953-C	Section 31, T22S-R31E; Lots 3, 4, E/2 SW/4, S/2 SE/4	240.98	11.7764	Bass Enterprises Production Co. - Enron Oil & Gas -	33.333% 66.667%

EXHIBIT "B"
First Revision to Initial Delaware Participating Area

Tract No.	Lease No.	Description	Participating Acres	Percentage of Participation	Working Interest Owners	
8	NM 04473	Section 6, T23S-R31E; Lots 6, 7, E/2 SW/4, W/2 SE/4, SE/4 SE/4	282.15	13.7883	Bass Enterprises Production Co. -	100%
21	E-5229-1	Section 2, T23S-R30E; Lot 1, Section 36, T22S-R30E; NE/4, SW/4, S/2 NW/4	440.35	21.5193	Bass Enterprises Production Co -	100%
21	E-5229-2	Section 36, T22S-R30E; SE/4	160.00	7.8201	Bass Enterprises Production Co. -	100%
		TOTALS:	**2,046.30**	**100%**		

Total Federal Lands:	**1,445.95 Acres**
Total State Lands:	**600.35 Acres**
Total Fee Lands:	**0.00 Acres**
Total:	**2,046.30 Acres**

End of Exhibit "B"

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

November 6, 2001

FEDERAL EXPRESS

Bureau of Land Management Roswell District Office 2909 W. 2nd Street Roswell, New Mexico 88201 Attn: Mr. Larry Bray	New Mexico State Land Office Commissioner of Public Lands 310 Old Santa Fe Trail Santa Fe, New Mexico 87501 Attention: Mr. Pete Martinez	New Mexico Oil Conservation Division 1220 St. Francis Santa Fe, New Mexico 87505 Attention: Roy Johnson

Re: Initial Delaware "A" Participating Area
James Ranch Unit No. 14-08-001-558
T23S-R31E, NMPM
Sec. 7, SE/4 NE/4 and E/2 SE/4;
Sec. 8, S/2 NW/4 and SW/4;
Sec. 17, NW/4;
Sec. 18, NE/4 NE/4
S/2 NE/4 (Containing 640 acres more or less)
Eddy County, New Mexico

Ladies and Gentlemen:

Bass Enterprises Production Co., as Unit Operator of the James Ranch Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for approval the selection of the above described lands to comprise the Initial Delaware "A" Participating Area for production from the currently producing James Ranch Unit Nos. 55, 56 and 57. In support of this application the following numbered items are attached hereto and made a part hereof;

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed Initial Delaware "A" Participating Area.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Delaware Formation with the percentage of participation of each lease or tract indicated thereon.

This proposed Initial Delaware "A" Participating Area is predicated upon the knowledge and information first obtained upon the completion of the James Ranch Unit No. 55 (located in the SE/4 of the NW/4 Section 17, T23S-R31E) on April 6, 1994. It should be noted that the James Ranch Unit No. 55 has been previously determined capable of producing in commercial quantities. According to the Unit Agreement it is our understanding that the effective date of this Initial Participating Area will be April 6, 1994. Therefore, Bass respectfully requests your approval of the hereinabove selection of lands to constitute the Initial Delaware "A" Participating Area to be effective April 6, 1994. Thank you very much for your cooperation in this regard, and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,

J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this ____________ day of ______________, 2001.

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
By: ____________________	By: ____________________	By: ____________________
Its: ____________________	Its: ____________________	Its: ____________________

Bass Enterprises Production Co.

JAMES RANCH UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE: 10-29-01	SCALE: 1" = 3000'
DEPT.: Land	INTER. BY: WB
File: Dlwr A-Initial-1-2 bdry.dwg	DRAFTED BY: PO

EXHIBIT B
Initial Delaware "A" Participating Area
James Ranch Federal Unit
Eddy County, New Mexico

Tract No.	Lease No.	Description	Participating Acres	Percentage of Participation	Working Interest Owners	
4	NM 02887-A	Section 18, T23S-R31E; NE/4 NE/4, S/2 NE/4	120.00	18.75	Bass Enterprises Production Co. -	100%
4-A	NM 02887-B	Section 7, T23S-R31E; SE/4 NE/4, E/2 SE/4	120.00	18.75	Bass Enterprises Production Co. -	100%
20	LC 071988-B	Section 8, T23S-R31E; S/2 NW/4, SW/4 Section 17, T23S-R31E; NW/4	400.00	62.50	Bass Enterprises Production Co.	100%
		TOTALS:	**640.00**	**100%**		

Total Federal Lands: **640.00 Acres**
Total State Lands: **-0- Acres**
Total: **640.00 Acres**

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

September 21, 2001

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
James Ranch Unit Nos. 27, 74 and 79
Eddy County, New Mexico

Gentlemen:

Please find attached hereto individual commercial well determination packages containing information for each of the above referenced wells in the James Ranch Unit. The JRU No. 74 Well is completed in the Delaware Formation only; however, the JRU No. 27 and JRU No. 79 are completed in the Delaware and Bone Springs Formations. According to the results from the completion from each of the above wells and zones, the commerciality results are as follows:

James Ranch Unit No. 27 Delaware – commercial
James Ranch Unit No. 27 Bone Spring - non-commercial

James Ranch Unit No. 74 Delaware – commercial

James Ranch Unit No. 79 Delaware – commercial
James Ranch Unit No. 79 Bone Spring – non-commercial

Also attached is one copy of our Interoffice Memorandum explaining the contents of each commercial determination. In the event you agree with Bass' findings as set forth above, please so indicate by signing in the space provided below and returning one (1) copy of this letter to the undersigned. Thank you very much and should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned at (817) 390-8671.

Very truly yours,

J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this ___________ day of ____________, 2001.

Bureau of Land Management

By: ______________________

Its: ______________________

New Mexico State Land Office

By: ______________________

Its: ______________________

New Mexico Oil Conservation Division

By: ______________________

Its: ______________________

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

September 21, 2001

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
James Ranch Unit Nos. 27, 74 and 79
Eddy County, New Mexico

Gentlemen:

Please find attached hereto individual commercial well determination packages containing information for each of the above referenced wells in the James Ranch Unit. The JRU No. 74 Well is completed in the Delaware Formation only; however, the JRU No. 27 and JRU No. 79 are completed in the Delaware and Bone Springs Formations. According to the results from the completion from each of the above wells and zones, the commerciality results are as follows:

James Ranch Unit No. 27 Delaware – commercial
James Ranch Unit No. 27 Bone Spring - non-commercial

James Ranch Unit No. 74 Delaware – commercial

James Ranch Unit No. 79 Delaware – commercial
James Ranch Unit No. 79 Bone Spring – non-commercial

Also attached is one copy of our Interoffice Memorandum explaining the contents of each commercial determination. In the event you agree with Bass' findings as set forth above, please so indicate by signing in the space provided below and returning one (1) copy of this letter to the undersigned. Thank you very much and should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned at (817) 390-8671.

Very truly yours,

J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this ____________ day of ____________, 2001.

Bureau of Land Management

By: ________________________

Its: ________________________

New Mexico State Land Office

By: ________________________

Its: ________________________

New Mexico Oil Conservation Division

By: ________________________

Its: ________________________

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

March 13, 2001

FOR: FORT WORTH; FILE

TO: FRANK McCREIGHT

FROM: JOHN SMITHERMAN

RE: COMMERCIAL DETERMINATIONS
JAMES RANCH UNIT
EDDY COUNTY, NEW MEXICO
FILE: GF-982; CD_MEMO3.DOC

Commercial Determination (CD) forms have been prepared along with the required attachments for the James Ranch Unit #27 Delaware, #27 Bone Spring, #74 Delaware, #79 Delaware, and #79 Bone Spring completions. Each well has a CD form, a wellbore sketch, a production plot and forecast, a dedication plat, a completion report, and an Aries economic run.

A decline curve analysis was performed on each well to determine its estimated ultimate recovery. Economics were then calculated using the following assumptions. Actual received oil and gas prices were used through YTD 2001. Projected oil and gas prices were modeled from the NYMEX West Texas Intermediate futures and Henry Hub Gas futures with appropriate offsets to reflect realized value at the lease. Expenses were held flat at $1600/month along with a water disposal cost of $0.08/bbl. Actual completed cost for each well was used in the economics.

Please advise if you have any questions or require additional information.

John Smitherman

kaa

cc: Wayne Bailey (memo & table)
George Hillis (memo & table)

James Ranch Unit
Commercial Determinations Summary Table

WELL	ZONE	EUR (MBO)	EUR (MMCF)	BFIT ROR%	BFIT NPV 5%	BFIT Undisc PO (yrs)	Commercial (Y/N)	Remarks
JRU #27	DELAWARE	40.5	187.7	10.3	103.6	4.6	Y	Directional Well
JRU #27	BONE SPRING	13	25.6	0	-990.7		N	Directional Well
JRU #74	DELAWARE	93.7	155.8	100	1047	0.9	Y	
JRU #79	DELAWARE	49	84.5	13.4	131.5	4.2	Y	
JRU #79	BONE SPRING	31.4	124.2	0	-348.8		N	

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #79 FORMATION DELAWARE

LOCATION Lot 1 UNIT, 330 FEET FROM NORTH LINE & 990 FEET FROM EAST LINE

SECTION 6 TOWNSHIP 23S RANGE 31E COUNTY EDDY NEW MEXICO

SPUD DATE 6/11/00 COMPLETION DATE 10/18/00 INITIAL PRODUCTION 10/22/00

PERFORATIONS 7660'-7670'

STIMULATION:

ACID

FRACTURE 97,000 gals Viking 30 + 136,340# 16/30 Brady + 60,500# CR4000

POTENTIAL Pmpd 116 BO 135 MCF 145 BW

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	13.5%			
Water Saturation (Sw), %	58%			
Net Thickness (h), ft.	24			
Temperature (T), Fahrenheit	120			
Bottom Hole Pressure (P), psia	3128			
Recovery Factor (RF), %	15%			
Recoverable Oil, Bbls * (See eq. Below)	42,228			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF) Boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 1/31/01 — 3870 BBLS

	PRODUCING
INITIAL RATE (qi)	1135
ECONOMIC LIMIT (ql)	91
DECLINE RATE, dy (Hyperbolic, n=1.01)	41.4
REMAINING OIL (Q)=	45,130
ULTIMATE RECOVERABLE OIL	49,000

(Attach plat showing pro-ration unit and participating area.)

ECONOMIC

WELL COST $679,500 (to the depth of formation completed)

RECOMPLETION COST

TOTAL COST $679,500

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax & Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				(679,500)
1	3,100	98,300	12,600	84,600
2	10,400	343,500	47,600	276,600
3	6,900	186,400	35,500	128,200
4	5,100	124,500	30,600	72,400
5	4,000	93,100	28,100	45,600
6	3,300	76,400	26,600	31,700
7	2,800	62,700	25,400	21,600
8	2,500	54,300	24,600	15,600
9	2,200	48,200	24,000	11,600
10	2,000	43,300	23,500	8,600
REMAINDER	6,700	146,900	96,200	27,000
TOTAL	49,000	$1,277,600	$374,700	$44,000

WELL IS COMMERCIAL

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02887-A

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr,.
Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. James Ranch Unit

2. Name of Operator
Bass Enterprises Production Co.

8. Lease Name and Well No. James Ranch Unit #79

3. Address
P.O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code) (915) 683-2277

9. API Well No. 30-015-31056

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 330' FNL & 990' FEL, Lot 1

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory Los Medanos, South

11. Sec., T., R., M., or Block and Survey or Area Section 6, T23S-R31E

12. County or Parish Eddy

13. State New Mexico

14. Date Spudded 6/11/00

15. Date T.D. Reached 7/3/00

16. Date Completed [ ] D & A [X] Ready to Prod. 7/28/00

17. Elevations (DF, RKB, RT, GL)* 3326' GL; 3343' RF; 3345' KB

18. Total Depth: MD 11,470 TVD

19. Plug Back T.D.: MD 8472' TVD

20. Depth Bridge Plug Set: MD 8500' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
AI-GR-PE, TDD-CN-PE

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#	0	702'	- - -	385 Class C	- - -	Surface	- - -
11"	8-5/8"	28#/32#	0	4017'	- - -	1050 Poz C	- - -	Surface	- - -
7-7/8"	5-1/2"	20#	0	11,470'	- - -	1880 Super H	- - -	4100' TS	- - -

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7470'	7470' SN						

25. Producing Intervals

	Formation	Top	Bottom
A)	Delaware	7610'	7750'
B)	Bone Spring	11,062'	11,083'
C)	Wolfcamp	11,228'	11,264'
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
Delaware 7660-70'	.4	20	Producing
Bone Spring 11,072-76	.4	12	CIBP @ 8500'
Wolfcamp 11,240-46'	.4	18	CIBP @ 8500'

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11,072-76', 11,240-46'	Frac w/97,300 gals Viking-35 + 248,000# 20/40 SB Excel
7660-70'	Frac w/64,100 gals Viking 30 + 136,340# 16/30 Brady + 60,500# CR-4000
4017-18', 4101-02'	Perfs to raise TOC; Squeezed w/ 50 sx Class C Neat

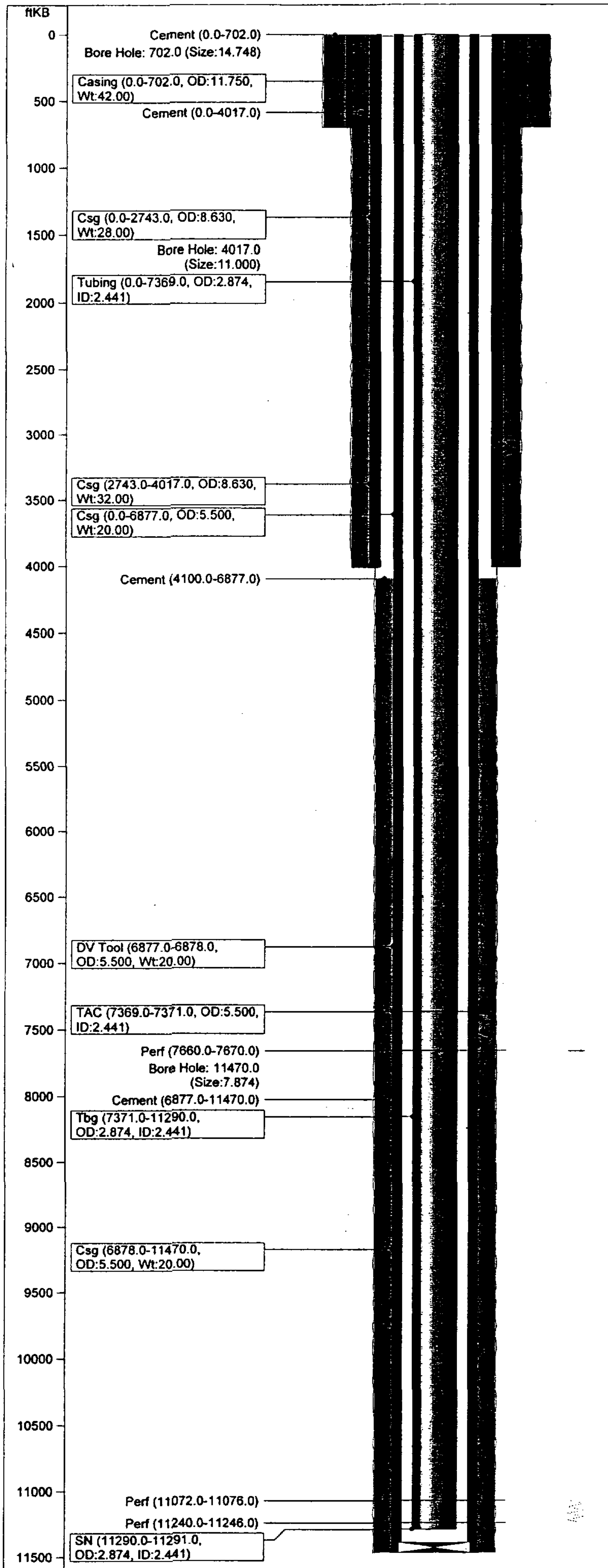
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
10/22/00	11/2/00	24	→	116	135	145	40.9		Pumping
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
14/64"	200	45	→	116	135	145	1164	Producing	

28a. Production-interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
7/31/00	8/8/00	24	→	96	267	22	44.2		Flowing
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
12/64"	1400	1600	→	96	267	22	2781	CIBP @ 8500'	

3001531056 **3/8/2001**



JAMES RANCH UNIT #79

API No.	3001531056	Comments	
TD	11470.0 ftKB	Status	ACT OIL
PBTD	11389.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	79	Spud	6/11/2000
ID Code		RR	7/4/2000
Field	LOS MEDANOS (WOLFCAMP) SOUTH	Completion	7/18/2000
Author	CDP	Last Act.	
Date Updated	10/23/2000	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	31E	Top NS Distance	330.0 ft N
		Top EW Distance	990.0 ft E
Section	6	Bottom Latitude	0
Unit Ltr.	LOT 1	Bottom Longitude	0
State	EDDY	Btm NS Distance	0.0 ft
County	NEW MEXICO	Btm EW Distance	0.0 ft

Elevations

KB	3342.0 ft	Cas Flng	0.0 ft
Grd	3326.0 ft	Tub Head	0.0 ft
KB-Grd	16.0 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	6/12/2000	0.0	702.0	17	11.750	11.080	42.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	6/18/2000	0.0	2743.0	63	8.630	8.020	28.00	WC50	LTC
Csg	6/18/2000	2743.0	4017.0	30	8.630	7.920	32.00	WC50	STC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/3/2000	0.0	6877.0	154	5.500	4.780	20.00	P110	LTC
DV Tool	7/3/2000	6877.0	6878.0		5.500	4.780	20.00		
Csg	7/3/2000	6878.0	11470.0	104	5.500	4.780	20.00	P110	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	6/12/2000	0.0	702.0	385	
Intermediate Casing	6/18/2000	0.0	4017.0	1050	
Production Casing	7/3/2000	4100.0	6877.0	950	TOC by TS
Production Casing	7/3/2000	6877.0	11470.0	930	

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tubing	2/10/2001	0.0	7369.0	235	2.874	2.441	6.50	N80	EUE
TAC	2/10/2001	7369.0	7371.0		5.500	2.441	0.00		
Tbg	2/10/2001	7371.0	11290.0	125	2.874	2.441	6.50	N80	EUE
SN	2/10/2001	11290.0	11291.0		2.874	2.441	0.00		

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
7/3/2000	Cement Plug	11389.0	11470.0	4.780	0.000

Perforations

Date	Int	Holes	Status
7/14/2000	11072.0 - 11076.0	12.0	Open
7/14/2000	11240.0 - 11246.0	18.0	Open
9/26/2000	7660.0 - 7670.0	20.0	Open

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
7/18/2000	Sd Frac	11072.0 - 11246.0	97,300 Gal Viking 35	248,000# 20/40 SB Excel
9/28/2000	Sd Frac	7660.0 - 7670.0	64,100 Gal Viking 30	136,340# 16/30 Brady 60,500# CR4000

WELL HISTORY

WELL NAME: James Ranch Unit #79

FIELD NAME: Los Medanos (Wolfcamp, Bone Spring, Delaware)

LOCATION: 330' FNL & 990' FEL, Sec 6, T23S, R30E, Eddy County, New Mexico

ELEV: 3326' GL, 3342' KB

SPUD DATE: 6/11/2000, RR 7/4/2000

COMP DATE: 7/18/2000

ORIG TD: 11,470'

ORIG PBTD: 11,389'

CASING: 11 ¾" 42# WC40 702' w/385 sx, cmt circ, 14 ¾" hole.
8 5/8" 32#,WC50,& 28# WC50, CSA 4017' w/1050 sx, cmt circ, 11' hole.
5 ½ 15.5 20# P110, CSA 11,470' 1ST STAGE 930 SX DV TOOL 6877, 2ND STAGE 950 SXS, TOC 4100'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

DST: None

CORES & LOGS: GR-CN-LDT-AIT(PLATFORM EXPRESS)

INITIAL COMPLETION

6/11/2000 TO 7/4/2000 **INITIAL COMPLETION**

TD 11,470', PBTD 11,389'.Ran logs.

7/14/00 TO 11/6/00

Perf: 11,240-46' WOLFCAMP 3 SPF 18 HOLES, 11,072-76' BONE SPRINGS 3 SPF 12 SHOTS. Frac w/ 97,300 gal Viking 35 + 248,000# 20/40 SB Excel. Air Locked Blender 70 bbls on flush. SI 2200 psi. Set CIBP @ 10,990', Drld out CIBP. RIH to displace w/ BW, still gas cut. Displace w/ 11.5# mud, circ, unload and test perfs. 8/8/2000 Bone Spring 41 BO 115 mcf, Wolfcamp 96 BO 267 MCF, flowing. Set CIBP 8500'.

Perf: 7660-70 (20 holes). Pmp 500 gal 15% NEFE HCL, **Frac** w/ 64,100 gal Viking 30 136,340# 16/30 Brady, 60,500# CR4000. Set RBP @ 4500', perf 4101-02, perf 4017-18' 4 holes, spot & squeeze 50 sx Cl C neat 4101-02 & 4017-18', DO cement, press tst to 500 psi. Observed slow leak off.

Spot & squeeze 75 sx Cl C neat, Drld out, held 500 psi. POH w/ RBP, RIH w/ tbg, place on pmp. 11/6/00 97 BO 148 BW 140 MCF.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31056	10295 96336	Los Medanos (Bone Spring) (Wolfcamp)

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	79

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3326'

Surface Location

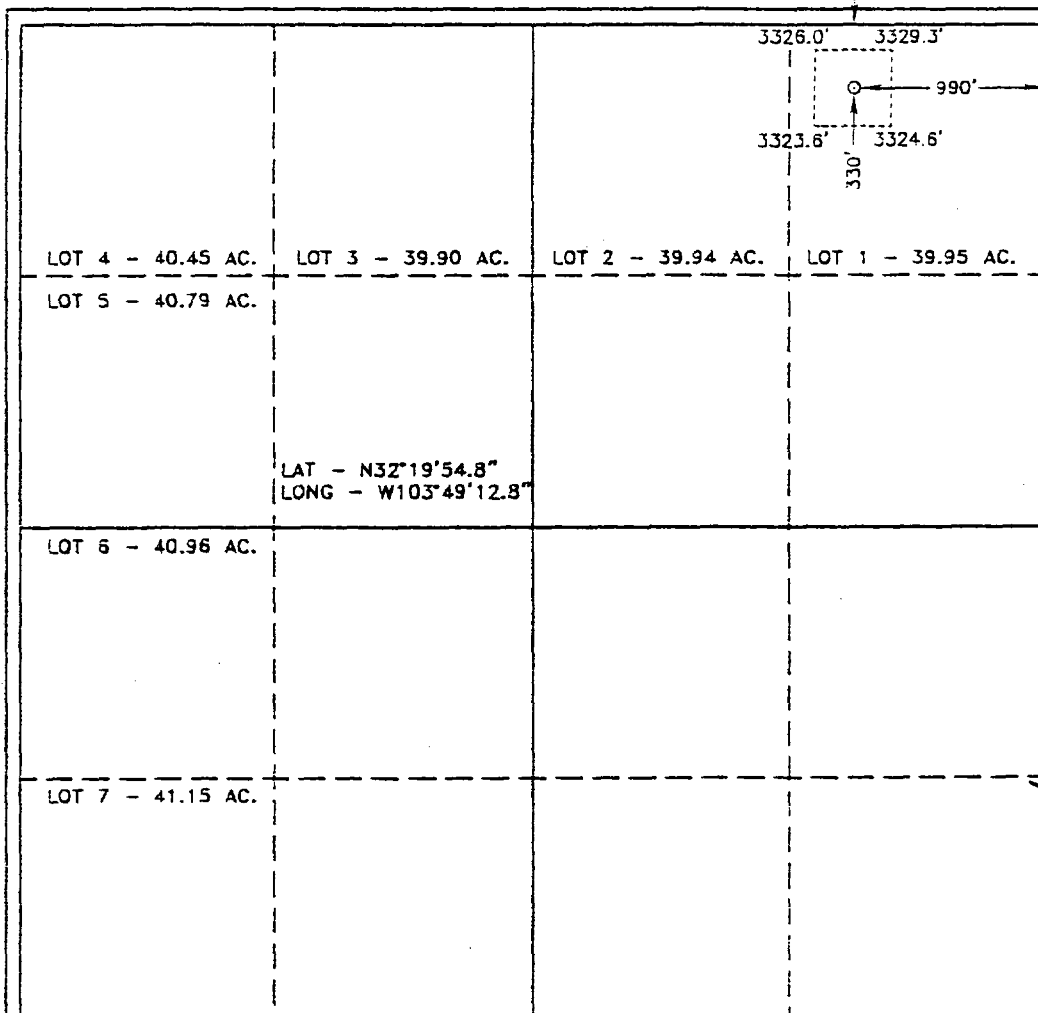
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	6	23 S	31 E		330	NORTH	990	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

9/14/00
Date

SURVEYOR CERTIFICATION

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 belief.

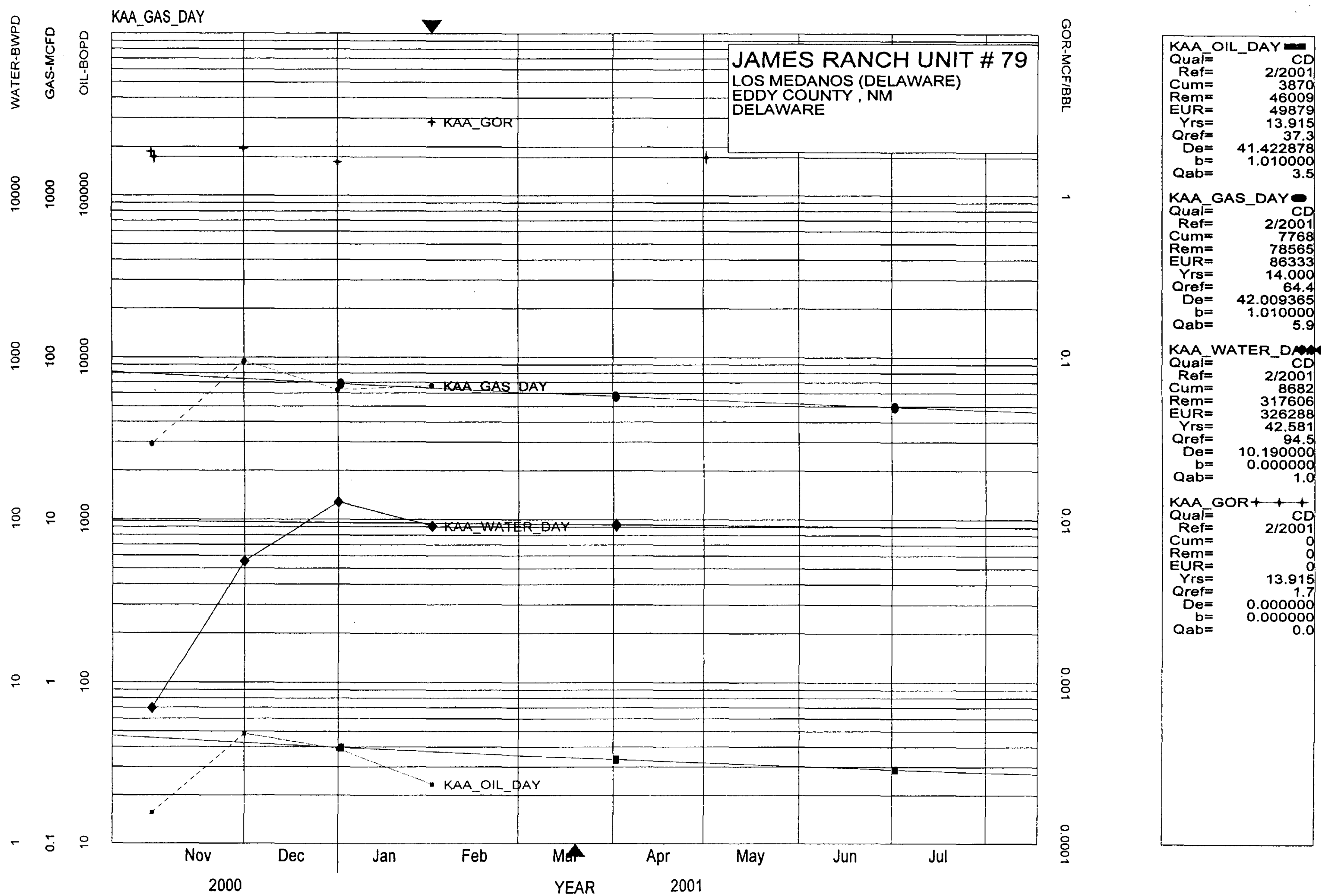
March 25, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

W.O. No. 0114J

Certificate No. Gary L. Jones 7977

BASIN SURVEYS


JAMES RANCH UNIT # 79
LOS MEDANOS (DELAWARE)
EDDY COUNTY , NM
DELAWARE
KAA_GAS_DAY
WATER-BWPD
GAS-MCFD
OIL-BOPD
GOR-MCF/BBL
10000 1000 100000
1000 100 10000
100 10 1000
10 1 100
1 0.1 10
1
0.1
0.01
0.001
0.0001
KAA_GOR
KAA_GAS_DAY
KAA_WATER_DAY
KAA_OIL_DAY
Nov Dec Jan Feb Mar Apr May Jun Jul
2000
YEAR
2001
KAA_OIL_DAY
Qual= CD
Ref= 2/2001
Cum= 3870
Rem= 46009
EUR= 49879
Yrs= 13.915
Qref= 37.3
De= 41.422878
b= 1.010000
Qab= 3.5
KAA_GAS_DAY
Qual= CD
Ref= 2/2001
Cum= 7768
Rem= 78565
EUR= 86333
Yrs= 14.000
Qref= 64.4
De= 42.009365
b= 1.010000
Qab= 5.9
KAA_WATER_DAY
Qual= CD
Ref= 2/2001
Cum= 8682
Rem= 317606
EUR= 326288
Yrs= 42.581
Qref= 94.5
De= 10.190000
b= 0.000000
Qab= 1.0
KAA_GOR
Qual= CD
Ref= 2/2001
Cum= 0
Rem= 0
EUR= 0
Yrs= 13.915
Qref= 1.7
De= 0.000000
b= 0.000000
Qab= 0.0

James Ranch Unit #79
Los Medanos (Delaware)

Date: 03/13/2001
Time: 15:56:07
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	10/2000 484 1449 1211 726 #							3.870	1/2001			
401 GAS	10/2000 905 2841 1950 2072 #							7.768	1/2001			
402 WTR	10/2000 216 1663 3978 2825 #							8.682	1/2001			
403 START	02/2001											
404 OIL	1135.29	X	B/M	49.04	IMU	B/1.010	41.42	49.043	6/2017	50.8	1135.	91.
405 START	02/2001											
406 GAS	1959.62	X	M/M	01/2019	AD	B/1.010	42.01	86.027	12/2018	51.6	1960.	142.
407 "	142.19	X	M/M	14.51	IMU	EXP	5.00	100.532	2/2030	5.0	142.	80.
408 START	02/2001											
409 WTR	2874.37	X	B/M	317.61	IMU	EXP	10.19	317.606	7/2043	10.1	2874.	30.
410 START	10/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		6/2017		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		6/2017		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		6/2017		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		6/2017		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		9/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		9/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	27.60	X	$/B	1/2002	AD	PC	0.00		12/2001		27.600	27.600
519 "	23.88	X	$/B	1/2003	AD	PC	0.00		12/2002		23.880	23.880
520 "	22.10	X	$/B	01/2004	AD	PC	0.00		12/2003		22.100	22.100
521 "	21.40	X	$/B	01/2005	AD	PC	0.00		12/2004		21.400	21.400
522 "	21.20	X	$/B	06/2005	AD	PC	0.00		5/2005		21.200	21.200
523 "	21.20	X	$/B	03/2006	AD	PC	0.00		2/2006		21.200	21.200
524 "	20.20	20.20	$/B	TO	LIFE	PC	0.00		2/2006		20.200	20.200
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		6/2017		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		6/2017		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		6/2017		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		9/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		9/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		9/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	6.63	X	$/M	01/2002	AD	PC	0.00		12/2001		6.630	6.630
534 "	5.02	X	$/M	01/2003	AD	PC	0.00		12/2002		5.020	5.020
535 "	4.37	X	$/M	01/2004	AD	PC	0.00		12/2003		4.370	4.370
536 "	3.85	X	$/M	01/2005	AD	PC	0.00		12/2004		3.850	3.850
537 "	3.82	X	$/M	01/2006	AD	PC	0.00		12/2005		3.820	3.820
538 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		12/2005		3.700	3.700
540 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24009.000
542 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24009.000

```
600 OPC/T     1600.00     X    $/M     TO      LIFE     PC        0.00                6/2017              1600.000    1600.000
601 OPC/WTR      0.08     0.08 $/U     TO      LIFE     PC        0.00                9/2000                 0.080       0.080

602 ATX          0.17     X    %       TO      LIFE     PC        0.00                6/2017                 0.002       0.002

602 OPC/T        0.00     X    $/M     TO      LIFE     PC        0.00                6/2017                          1600.000

603 STX/OIL      7.08     X    %       TO      LIFE     PC        0.00                6/2017                 0.071       0.071

604 ATX          0.00     X    %       TO      LIFE     PC        0.00                6/2017                             0.002

604 STX/GAS      7.93     X    %       TO      LIFE     PC        0.00                6/2017                 0.079       0.079

605 STX/OIL      0.00     X    %       TO      LIFE     PC        0.00                6/2017                             0.071
606 STX/GAS      0.00     X    %       TO      LIFE     PC        0.00                6/2017                             0.079

705 LSE/WI     100.0000   D    %       TO      LIFE     FLAT      0.00                6/2017                 1.000       1.000

720 NET/OIL     86.5000   D    %       TO      LIFE     FLAT      0.00                6/2017                 0.865       0.865
740 NET/GAS     86.5000   D    %       TO      LIFE     FLAT      0.00                6/2017                 0.865       0.865

780 LSE/NPI      0.0000   D    %       TO      LIFE     FLAT      0.00                6/2017

OVERLAYS      Scheduling Rates          Schdule Until    Procedure        Ultimate    Last    Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    -------------    ---------------  ----------  ------- ---------  ----------  ----------
900 OIL     10/2000 484 1449 1211 726 #                                         3.870  1/2001

901 GAS     10/2000 905 2841 1950 2072 #                                        7.768  1/2001

902 WTR     10/2000 216 1663 3978 2825 #                                        8.682  1/2001

INVESTMENT    Tangibles & Intangibles   Time             Procedure        Total T&I   Month   Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    -------------    ---------------  ----------  ------- ---------  ----------  ----------
800 DRILL       135.90    543.60 M$G    10/2000 AD        PC       0.00     679.500 10/2000       0        679.5       679.5
801 SALV        -33.00      0.00 M$G    TO       LIFE     PC       0.00     -33.000  6/2017       0        -33.0       -33.0

MISC. PARAMETERS           Item                   Item
----------------------     -----------------      -----------------    ---------------  ---------------  ---------------
250 LOSS     NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 09/2000  Time Frames :  4,48*12,620
P.W. Date   : 09/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 09/2000
Qualifiers  :   Prod = CD             Price = CD             Cost    = CD            Owner   = CD
               Title = DEFAULT        Misc  = CD             Invest = CD             Overlay = CD
NET/WTR          WI
```

James Ranch Unit #79
Los Medanos (Delaware)

DATE : 03/13/2001
TIME : 15:56:07
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 09/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	13.6 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	679.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	679.5	-33.0	646.5
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	646.5	646.5
OIL PHASE													
8) GROSS OIL, MB	3.1	10.4	6.9	5.1	4.0	3.3	2.8	2.5	2.2	2.0	42.3	6.7	49.0
9) NET OIL, MB	2.7	9.0	6.0	4.4	3.5	2.9	2.5	2.1	1.9	1.7	36.6	5.8	42.4
10) OIL REVENUE, M$	79.8	239.0	136.7	92.9	71.1	58.4	47.8	41.4	36.7	33.0	836.7	111.9	948.6
11) OIL PRICE, $/B	29.34	26.69	22.97	21.19	20.49	20.29	19.47	19.29	19.29	19.29	22.88	19.29	22.39
GAS PHASE													
12) GROSS GAS, MMF	5.7	18.6	11.7	8.6	6.8	5.6	4.8	4.2	3.7	3.3	73.2	11.3	84.5
13) NET GAS, MMF	4.9	16.1	10.2	7.5	5.9	4.9	4.2	3.6	3.2	2.9	63.3	9.8	73.1
14) GAS REVENUE, M$	18.5	104.6	49.6	31.6	21.9	18.0	14.9	13.0	11.5	10.3	293.8	35.0	328.8
15) GAS PRICE, $/MCF	3.750	6.500	4.890	4.240	3.720	3.690	3.570	3.570	3.570	3.570	4.643	3.570	4.499
WTR PHASE													
28) GROSS WTR MB	5.9	32.9	29.6	26.6	23.9	21.5	19.3	17.3	15.6	14.0	206.5	45.1	251.7
29) NET WTR, MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30) WTR REVENUE, M$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31) WTR PRICE, $/T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ECONOMICS, M$													
32) GROSS REV. TO INTR.	98.3	343.5	186.4	124.5	93.1	76.4	62.7	54.3	48.2	43.3	1130.6	146.9	1277.4
33) - SEV. TAX	7.1	25.2	13.6	9.1	6.8	5.6	4.6	4.0	3.5	3.2	82.5	10.7	93.2
34) - AD VALOREM TAX	0.2	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.8	0.2	2.0
35) - OPERATING COSTS	5.3	21.8	21.6	21.3	21.1	20.9	20.7	20.6	20.4	20.3	194.1	85.2	279.3
36) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40) = NET INCOME	85.7	295.9	150.9	93.9	65.0	49.8	37.3	29.7	24.2	19.8	852.1	50.7	902.8
41) - INVESTMENTS & RSK	679.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	679.5	-33.0	646.5
42) = BFIT NET	-593.8	295.9	150.9	93.9	65.0	49.8	37.3	29.7	24.2	19.8	172.6	83.7	256.3
PRESENT WORTH @ 10.00 %													
43) NET INCOME	83.9	274.4	127.1	71.8	45.2	31.5	21.4	15.5	11.5	8.5	691.0	17.6	708.6
44) INVESTMENTS & RISK	674.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	674.1	-9.1	665.0

45) BFIT NET	-590.2	274.4	127.1	71.8	45.2	31.5	21.4	15.5	11.5	8.5	16.8	26.8	43.6
46) CUM BFIT NET	-590.2	-315.8	-188.7	-116.8	-71.6	-40.1	-18.7	-3.2	8.3	16.8	16.8	43.6	43.6

James Ranch Unit #79
Los Medanos (Delaware)

DATE : 03/13/2001
TIME : 15:56:07
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R T A X E C O N O M I C S

AS OF DATE: 09/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	13.6 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	543.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	543.6	0.0	543.6
3) DEPRECIABLE	135.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.9	-33.0	102.9
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	98.3	343.5	186.4	124.5	93.1	76.4	62.7	54.3	48.2	43.3	1130.6	146.9	1277.4
5) - SEVERANCE TAX	7.1	25.2	13.6	9.1	6.8	5.6	4.6	4.0	3.5	3.2	82.5	10.7	93.2
6) - OPR. COSTS & ATX	5.4	22.4	21.9	21.5	21.3	21.0	20.8	20.7	20.5	20.4	195.9	85.4	281.3
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	40.8	28.5	20.0	14.0	9.8	6.9	4.8	3.4	2.4	1.6	132.1	3.8	135.9
12) = NET	45.0	267.4	130.9	79.9	55.2	42.9	32.5	26.3	21.8	18.1	720.1	46.9	766.9
13) - DEPLETION TAKEN	34.9	114.9	76.4	56.2	44.5	36.9	31.5	27.5	24.4	21.9	469.2	74.4	543.6
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	10.1	152.5	54.5	23.6	10.7	6.0	1.0	-1.2	-2.6	-3.8	250.9	-27.5	223.3
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	3.4	51.9	18.5	8.0	3.6	2.0	0.3	-0.4	-0.9	-1.3	85.3	-9.4	75.9
19) REVENUE-SEV	91.2	318.3	172.7	115.4	86.3	70.8	58.1	50.4	44.7	40.2	1048.0	136.2	1184.2
20) - OPR. COSTS & ATX	5.4	22.4	21.9	21.5	21.3	21.0	20.8	20.7	20.5	20.4	195.9	85.4	281.3
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	3.4	51.9	18.5	8.0	3.6	2.0	0.3	-0.4	-0.9	-1.3	85.3	-9.4	75.9
24) = A.F.I.T.	82.3	244.1	132.3	85.8	61.4	47.7	37.0	30.1	25.0	21.1	766.8	60.1	826.9
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	82.3	244.1	132.3	85.8	61.4	47.7	37.0	30.1	25.0	21.1	766.8	60.1	826.9
28) - INVESTMENTS & RSK	679.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	679.5	-33.0	646.5
29) = A.F.I.T. NET	-597.2	244.1	132.3	85.8	61.4	47.7	37.0	30.1	25.0	21.1	87.3	93.1	180.4
PRESENT WORTH @ 10.00 %													
30) NET INCOME	81.0	225.4	111.1	65.5	42.6	30.1	21.2	15.7	11.9	9.1	613.6	20.7	634.3
31) INVESTMENTS & RISK	674.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	674.1	-9.1	665.0
32) A.F.I.T. NET	-593.1	225.4	111.1	65.5	42.6	30.1	21.2	15.7	11.9	9.1	-60.5	29.8	-30.7
33) CUM. A.F.I.T. NET	-593.1	-367.7	-256.6	-191.1	-148.4	-118.3	-97.1	-81.5	-69.6	-60.5	-60.5	-30.7	-30.7

James Ranch Unit #79
Los Medanos (Delaware)

DATE : 03/13/2001
TIME : 15:56:07
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 09/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	256.339	180.404	273.339
5.	131.460	55.612	77.193
10.	43.594	-30.687	-40.272
15.	-21.384	-93.492	-118.055
20.	-71.418	-141.163	-173.344
25.	-111.216	-178.606	-214.748
30.	-143.706	-208.841	-246.999
35.	-170.795	-233.810	-272.894
40.	-193.769	-254.811	-294.188
50.	-230.726	-288.245	-327.222
60.	-259.240	-313.735	-351.723
70.	-281.954	-333.839	-370.641
80.	-300.494	-350.106	-385.682
90.	-315.917	-363.532	-397.915
100.	-328.948	-374.792	-408.040
RATE OF RETURN, PCT.	13.4	8.2	
UNDISCOUNTED PAYOUT, YRS.	4.15	6.03	
DISCOUNTED PAYOUT, YRS.	7.61	13.58	
UNDISCOUNTED NET/INVEST.	1.40	1.28	
DISCOUNTED NET/INVEST.	1.07	0.95	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT # 74 **FORMATION** DELAWARE

LOCATION D **UNIT,** 330 **FEET FROM** NORTH **LINE &** 430 **FEET FROM** WEST **LINE**

SECTION 6 **TOWNSHIP** 23S **RANGE** 31E **COUNTY** EDDY **NEW MEXICO**

SPUD DATE 8/29/00 **COMPLETION DATE** 9/28/00 **INITIAL PRODUCTION** 9/29/00

PERFORATIONS 7350-55', 7532-37'

STIMULATION:

ACID

FRACTURE 84,906 gal Viking 30 + 228,000# 16/30 Brady Sd, 73,000# 16/30 CR4000

POTENTIAL Pmpd 212 BO 151 MCF 212 BW

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	13.5%			
Water Saturation (Sw), %	60%			
Net Thickness (h), ft.	51			
Temperature (T), Fahrenheit	120			
Bottom Hole Pressure (P), psia	3182			
Recovery Factor (RF), %	15%			
Recoverable Oil, Bbls * (See eq. Below)	85,462			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF) Boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 1/31/01	11,493	BBLS

	PRODUCING
INITIAL RATE (qi)	2049
ECONOMIC LIMIT (ql)	121
DECLINE RATE, dy (Hyperbolic, n=1.01)	45.53
REMAINING OIL (Q)=	82,207
ULTIMATE RECOVERABLE OIL	93,700

(Attach plat showing pro-ration unit and participating area.)

ECONOMIC

WELL COST	$603,700	(to the depth of formation completed)
RECOMPLETION COST		
TOTAL COST	$603,700	

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax & Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				(603,700)
1	9,500	295,600	29,300	261,600
2	18,700	640,300	70,800	529,100
3	11,400	312,400	45,400	225,000
4	8,200	202,200	36,600	126,800
5	6,400	148,700	32,100	81,100
6	5,300	120,700	29,600	57,600
7	4,500	98,400	27,800	40,600
8	3,900	84,800	26,500	30,400
9	3,400	74,900	25,600	23,400
10	3,100	67,100	24,800	18,200
REMAINDER	19,200	416,100	208,100	67,500
TOTAL	93,600	$2,461,200	$556,600	$857,600

WELL IS COMMERCIAL

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02887-D

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr.,
Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. James Ranch Unit

BEPCO - WTD PRODUCTION
NOV - 1 2000
RECEIVED

2. Name of Operator
Bass Enterprises Production Co.

8. Lease Name and Well No. James Ranch Unit # 74

3. Address
P.O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code) (915) 683-2277

9. API Well No. 30-015-31168

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 330' FNL & 430' FWL, Unit Letter D

At top prod. interval reported below

At total depth

CONFIDENTIAL

10. Field and Pool, or Exploratory Quahada Ridge (Delaware) SE

11. Sec., T., R., M., or Block and Survey or Area Section 6, T23S-R31E

12. County or Parish Eddy

13. State New Mexico

14. Date Spudded 8/29/00

15. Date T.D. Reached 9/13/00

16. Date Completed [ ] D & A [X] Ready to Prod. 9/28/00

17. Elevations (DF, RKB, RT, GL)* 3311.4' GL: 3324.7' KB

18. Total Depth: MD 7810' TVD

19. Plug Back T.D.: MD 7200' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#	0	610'		355 Class C	- - -	Surface	N/A
11"	8-5/8"	28#.	0	3876'	- - -	940 Poz C	- - -	Surface	N/A
7-7/8"	5-1/2"	15.5.17	0	7810'	- - -	745 Prem Pl	- - -	1000' est	- - -

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7128'	7128' SN						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Delaware	7301'	7657'	7350-55	5'	10	Producing
B)				7532-37'	5'	10	Producing
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7650-55', 7532-37'	Frac w/ 84,906 gals Viking 30 + 228,000# 16/30 Brady + 73,000# CR-4000.

ACCEPTED FOR RECORD
OCT 30 2000
BLM

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
9/29/00	10/4/00	24	→	212	151	212	42.9		Pumping

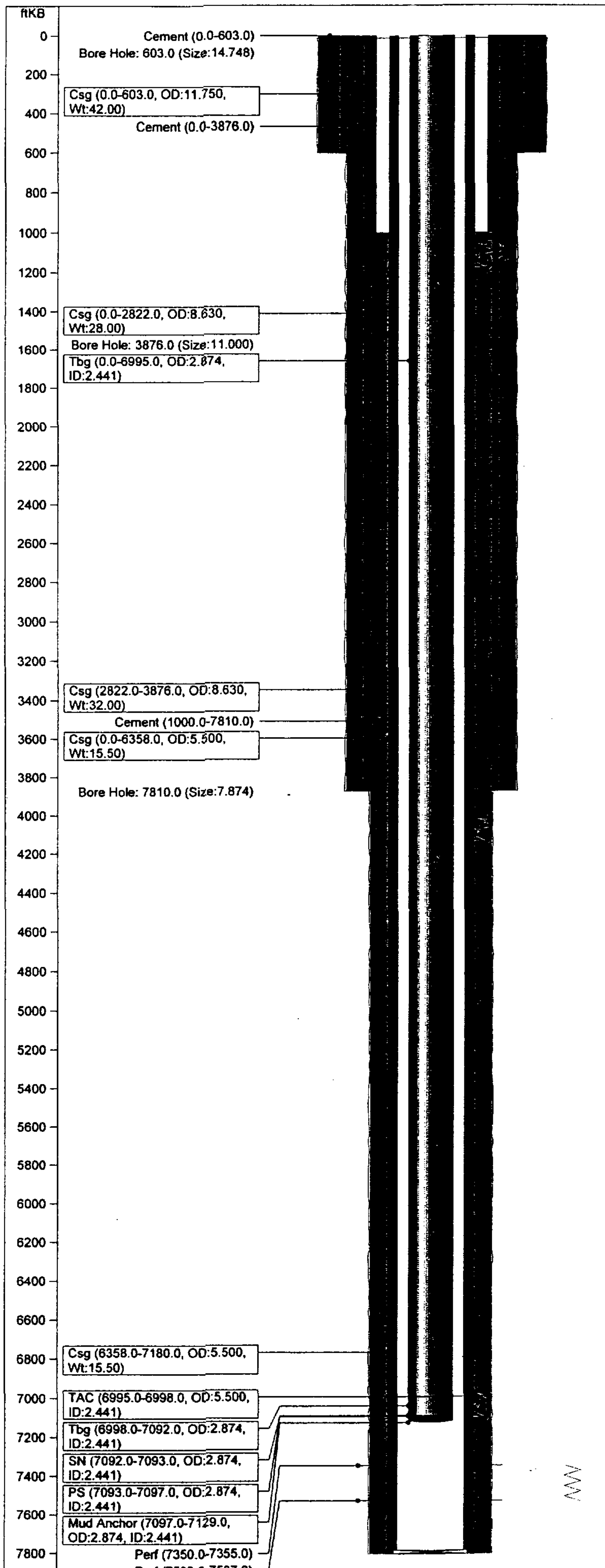
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
- - -	300	0	→	212	151	212	712	Producing

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
			→					

3001531168 3/7/2001



JAMES RANCH UNIT #74

API No.	3001531168	Comments	
TD	7810.0 ftKB	Status	ACT OIL
PBTD	7790.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	74	Spud	8/29/2000
ID Code		RR	9/14/2000
Field	QUAHADA RIDGE, SE	Completion	9/28/2000
Author	CDP	Last Act.	
Date Updated	9/15/2000	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	31E	Top NS Distance	330.0 ft N
		Top EW Distance	430.0 ft W
Section	6	Bottom Latitude	0
Unit Ltr.	D	Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3325.0 ft	Cas Flng	0.0 ft
Grd	3311.0 ft	Tub Head	0.0 ft
KB-Grd	14.0 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	8/31/2000	0.0	603.0	15	11.750	11.080	42.00	H40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	9/6/2000	0.0	2822.0	66	8.630	8.020	28.00	J55	LTC
Csg	9/6/2000	2822.0	3876.0	24	8.630	7.920	32.00	J55	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	9/13/2000	0.0	6358.0	131	5.500	4.950	15.50	J55	LTC
Csg	9/13/2000	6358.0	7180.0	13	5.500	4.950	15.50	K55	LTC
Csg	9/13/2000	7180.0	7810.0	36	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	8/31/2000	0.0	603.0	355	CIRC
Intermediate Casing	9/6/2000	0.0	3876.0	930	CIRC
Production Casing	9/13/2000	1000.0	7810.0	745	EST

Tubing String - TBG

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	9/25/2000	0.0	6995.0	222	2.874	2.441	6.50	J55	EUE
TAC	9/25/2000	6995.0	6998.0		5.500	2.441	0.00		
Tbg	9/25/2000	6998.0	7092.0	3	2.874	2.441	6.50	J55	EUE
SN	9/25/2000	7092.0	7093.0		2.874	2.441	0.00		
PS	9/25/2000	7093.0	7097.0		2.874	2.441	0.00		
Mud Anchor	9/25/2000	7097.0	7129.0		2.874	2.441	0.00		

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
9/13/2000	Cement Plug	7790.0	7810.0	4.890	0.000

Perforations

Date	Int	Holes	Status
9/22/2000	7350.0 - 7355.0	10.0	OPEN
9/22/2000	7532.0 - 7537.0	10.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
9/25/2000	Sd Frac	7350.0 - 7537.0	84,906 gal Viking 30	228,000# 16/30 Brady 73,000# 16/30 CR4000

WELL HISTORY

WELL NAME: JAMES RANCH UNIT #74

FIELD NAME: Quahada Ridge, SE

LOCATION: 330' FNL & 430' FWL, Sec. 6, T23S, R31E
Eddy County, New Mexico

ELEV: 3311' GL, 3325' KB

SPUD DATE: 8/29/2000, RR 9/14/2000

COMP DATE: 9/28/2000

ORIG TD: 7810'

ORIG PBTD: 7200'

CASING: **11 ¾", H-40, 42#, CSA 610', cmt. w/355 sxs, cmt circ. 14 ¾" hole 0-610'.**
8 5/8", J-55, 32#, CSA 3876, cmt. w/930 sxs, cmt circ. 11' hole 610-3786'.
5 ½", L80 & K55, 17#,15.50# CSA 7810', cmt w/945 sxs,TOC est 1000'. 7 7/8" hole 3786-7810'.

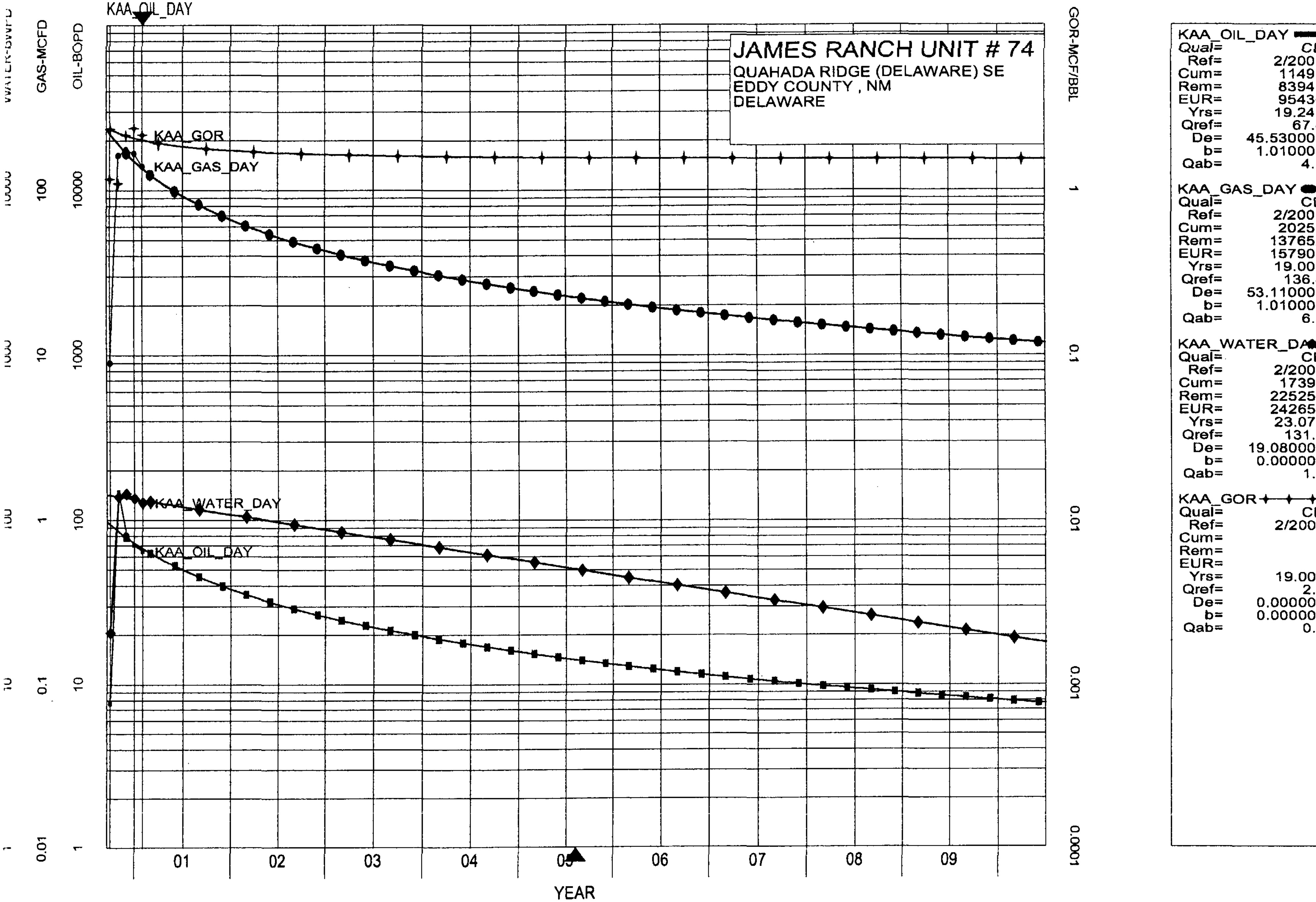
TUBING: 2 7/8", J55, 6.5#, 8rd

DST: None

CORES & LOGS: Schlumberger Platform Express GR/CNL/LDT/AIT

INITIAL COMPLETION
9/14/2000-9/29/2000

Perf: 7350-55'(U-SAND) 10 holes 7532-37'(LBC)10 holes. Frac 7350-7537', 84,906 GAL Viking 30 + 228,000# 16/30 Brady + 73,000# CR-4000. Run tbg, place on test. 9/29/2000 Pmp 212 BO 151 MCF 212 BW.


JAMES RANCH UNIT # 74
QUAHADA RIDGE (DELAWARE) SE
EDDY COUNTY , NM
DELAWARE
KAA_OIL_DAY
KAA_GOR
KAA_GAS_DAY
KAA_WATER_DAY
KAA_OIL_DAY
WATER-BWPD
GAS-MCFD
OIL-BOPD
GOR-MCF/BBL
YEAR
01
02
03
04
05
06
07
08
09
KAA_OIL_DAY
Qual= CD
Ref= 2/2001
Cum= 11493
Rem= 83943
EUR= 95436
Yrs= 19.248
Qref= 67.4
De= 45.530000
b= 1.010000
Qab= 4.0
KAA_GAS_DAY
Qual= CD
Ref= 2/2001
Cum= 20253
Rem= 137652
EUR= 157905
Yrs= 19.003
Qref= 136.4
De= 53.110000
b= 1.010000
Qab= 6.2
KAA_WATER_DAY
Qual= CD
Ref= 2/2001
Cum= 17399
Rem= 225255
EUR= 242654
Yrs= 23.079
Qref= 131.6
De= 19.080000
b= 0.000000
Qab= 1.0
KAA_GOR
Qual= CD
Ref= 2/2001
Cum= 0
Rem= 0
EUR= 0
Yrs= 19.000
Qref= 2.0
De= 0.000000
b= 0.000000
Qab= 0.0

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31168	50443	Quahada Ridge (Delaware) SE

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	74

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3311'

Surface Location

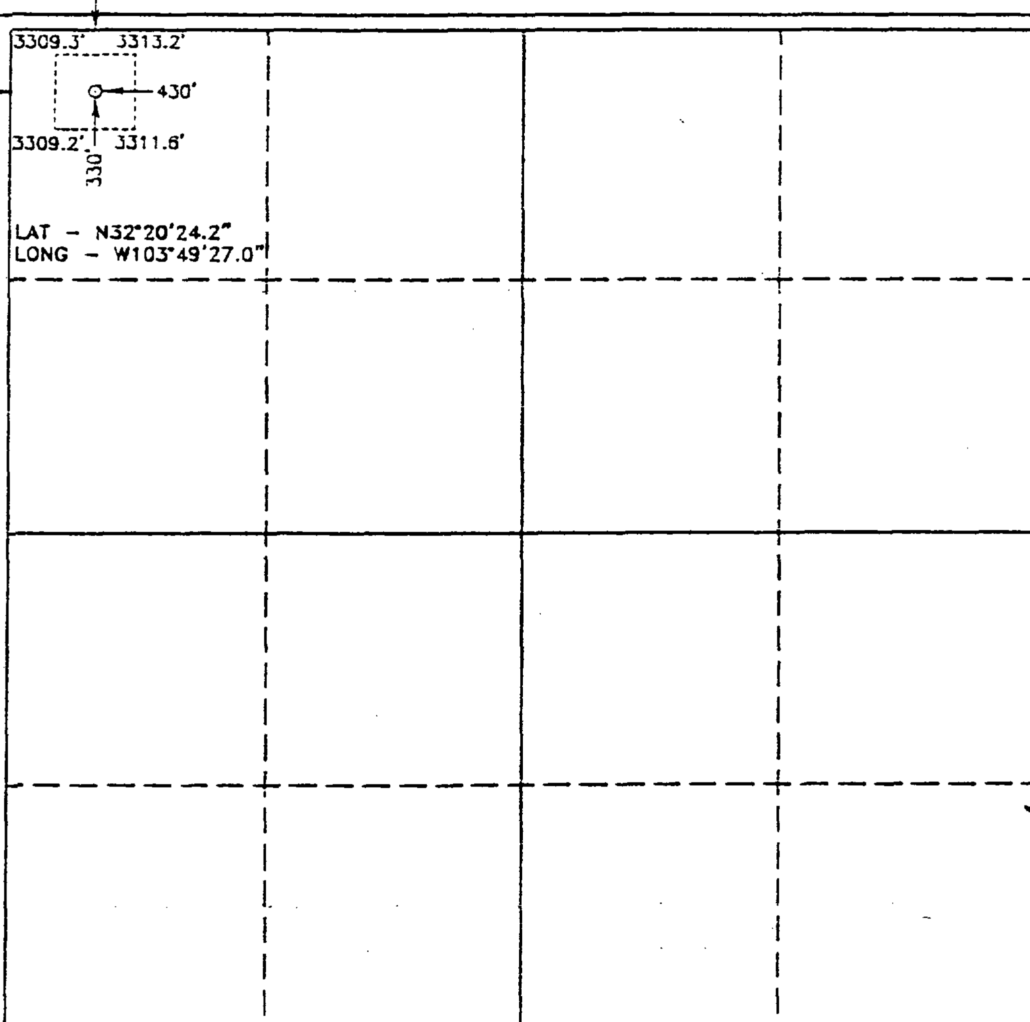
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	6	23 S	31 E		330	NORTH	430	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Vami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

10/11/00
Date

SURVEYOR CERTIFICATION

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 supervison and that the same is true and correct to the best of my belief.

March 17, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 0114G

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

James Ranch Unit #74
Quahada Ridge (Delaware)

Date: 03/13/2001
Time: 15:37:51
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME		INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400	OIL	09/2000 230 4605 2460 2190 2008 #							11.493	1/2001			
401	GAS	09/2000 270 5067 5317 5231 4368 #							20.253	1/2001			
402	WTR	09/2000 619 4275 4342 4208 3955 #							17.399	1/2001			
403	START	02/2001											
404	OIL	2049.17	X	B/M	03/2019	AD	B/1.010	45.53	82.189	2/2019	56.7	2049.	129.
405	"	129.10	X	B/M	1.75	IMU	EXP	5.00	83.943	4/2020	5.0	129.	122.
406	START	02/2001											
407	GAS	4148.23	X	M/M	07/2019	AD	B/1.010	53.11	136.321	6/2019	67.9	4148.	193.
408	"	193.04	X	M/M	1.33	IMU	EXP	5.00	137.652	1/2020	5.0	193.	187.
409	START	02/2001											
410	WTR	4004.26	X	B/M	225.26	IMU	EXP	19.08	225.255	2/2024	19.0	4004.	30.
411	START	09/2000											
511	PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		4/2020		16.880	
512	"	18.39	X	$/B	1/96	AD	PC	0.00		4/2020		18.390	
513	"	22.26	X	$/B	1/97	AD	PC	0.00		4/2020		22.260	
514	"	20.74	X	$/B	1/98	AD	PC	0.00		4/2020		20.740	
515	"	14.43	X	$/B	1/99	AD	PC	0.00		8/2000		14.430	
516	"	19.25	X	$/B	1/2000	AD	PC	0.00		8/2000		19.250	
517	"	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518	"	27.60	X	$/B	1/2002	AD	PC	0.00		12/2001		27.600	27.600
519	"	23.88	X	$/B	1/2003	AD	PC	0.00		12/2002		23.880	23.880
520	"	22.10	X	$/B	01/2004	AD	PC	0.00		12/2003		22.100	22.100
521	"	21.40	X	$/B	01/2005	AD	PC	0.00		12/2004		21.400	21.400
522	"	21.20	X	$/B	06/2005	AD	PC	0.00		5/2005		21.200	21.200
523	"	21.20	X	$/B	03/2006	AD	PC	0.00		2/2006		21.200	21.200
524	"	20.20	20.20	$/B	TO	LIFE	PC	0.00		2/2006		20.200	20.200
526	PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		4/2020		1.890	
527	"	1.94	X	$/M	1/96	AD	PC	0.00		4/2020		1.940	
528	"	2.61	X	$/M	1/97	AD	PC	0.00		4/2020		2.610	
529	"	2.59	X	$/M	1/98	AD	PC	0.00		8/2000		2.590	
530	"	2.11	X	$/M	1/99	AD	PC	0.00		8/2000		2.110	
531	"	2.27	X	$/M	1/2000	AD	PC	0.00		8/2000		2.270	
532	"	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533	"	6.63	X	$/M	01/2002	AD	PC	0.00		12/2001		6.630	6.630
534	"	5.02	X	$/M	01/2003	AD	PC	0.00		12/2002		5.020	5.020
535	"	4.37	X	$/M	01/2004	AD	PC	0.00		12/2003		4.370	4.370
536	"	3.85	X	$/M	01/2005	AD	PC	0.00		12/2004		3.850	3.850
537	"	3.82	X	$/M	01/2006	AD	PC	0.00		12/2005		3.820	3.820
538	"	3.70	3.70	$/M	TO	LIFE	PC	0.00		12/2005		3.700	3.700
540	PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24008.000
542	PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24008.000

```
600 OPC/T     1600.00       X    $/M        TO       LIFE       PC         0.00                  4/2020                  1600.000    1600.000
601 OPC/WTR      0.08    0.08 $/U        TO       LIFE       PC         0.00                  8/2000                     0.080       0.080

602 ATX          0.17       X    %          TO       LIFE       PC         0.00                  4/2020                     0.002       0.002

602 OPC/T        0.00       X    $/M        TO       LIFE       PC         0.00                  4/2020                              1600.000

603 STX/OIL      7.08       X    %          TO       LIFE       PC         0.00                  4/2020                     0.071       0.071

604 ATX          0.00       X    %          TO       LIFE       PC         0.00                  4/2020                                 0.002

604 STX/GAS      7.93       X    %          TO       LIFE       PC         0.00                  4/2020                     0.079       0.079

605 STX/OIL      0.00       X    %          TO       LIFE       PC         0.00                  4/2020                                 0.071
606 STX/GAS      0.00       X    %          TO       LIFE       PC         0.00                  4/2020                                 0.079

705 LSE/WI     100.0000     D    %          TO       LIFE       FLAT       0.00                  4/2020                     1.000       1.000

720 NET/OIL     87.5000     D    %          TO       LIFE       FLAT       0.00                  4/2020                     0.875       0.875
740 NET/GAS     87.5000     D    %          TO       LIFE       FLAT       0.00                  4/2020                     0.875       0.875

780 LSE/NPI      0.0000     D    %          TO       LIFE       FLAT       0.00                  4/2020

OVERLAYS      Scheduling Rates          Schdule Until    Procedure         Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    -------------    ---------------   ----------  ------- ---------  ----------  ----------
900 OIL     09/2000 230 4605 2460 2190 2008 #                                  11.493  1/2001

901 GAS     09/2000 270 5067 5317 5231 4368 #                                  20.253  1/2001

902 WTR     09/2000 619 4275 4342 4208 3955 #                                  17.399  1/2001

INVESTMENT    Tangibles & Intangibles   Time             Procedure         Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    -------------    ---------------   ----------  ------- ---------  ----------  ----------
800 DRILL      158.20   445.50 M$G      09/2000 AD       PC        0.00     603.700  9/2000       0        603.7       603.7
801 SALV       -33.00     0.00 M$G      TO       LIFE    PC        0.00     -33.000  4/2020       0        -33.0       -33.0

MISC. PARAMETERS           Item                       Item
----------------------     ------------------         ------------------     --------------  --------------  --------------
250 LOSS     NO

PROJECT RUN SETTINGS
--------------------
Base Date    : 09/2000  Time Frames :  4,48*12,620
P.W. Date    : 09/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date  : 09/2000
Qualifiers   :    Prod = CD             Price = CD             Cost   = CD            Owner   = CD
                 Title = DEFAULT        Misc  = CD             Invest = CD            Overlay = CD
NET/WTR              WI
```

James Ranch Unit #74
Quahada Ridge (Delaware)

DATE : 03/13/2001
TIME : 15:37:51
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 09/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.5 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	603.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	603.7	-33.0	570.7
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	570.7	570.7
OIL PHASE													
8) GROSS OIL, MB	9.5	18.7	11.4	8.2	6.4	5.3	4.5	3.9	3.4	3.1	74.5	19.2	93.7
9) NET OIL, MB	8.3	16.4	10.0	7.2	5.6	4.6	3.9	3.4	3.0	2.7	65.1	16.8	82.0
10) OIL REVENUE, M$	243.5	437.6	229.2	152.2	115.2	93.7	76.4	65.8	58.2	52.2	1523.9	324.3	1848.2
11) OIL PRICE, $/B	29.34	26.69	22.97	21.19	20.49	20.29	19.47	19.29	19.29	19.29	23.39	19.29	22.55
GAS PHASE													
12) GROSS GAS, MMF	15.9	35.6	19.4	13.5	10.3	8.4	7.0	6.1	5.4	4.8	126.3	29.4	155.8
13) NET GAS, MMF	13.9	31.2	17.0	11.8	9.0	7.3	6.2	5.3	4.7	4.2	110.5	25.7	136.3
14) GAS REVENUE, M$	52.1	202.7	83.1	49.9	33.6	27.0	22.0	19.0	16.7	14.9	521.1	91.9	613.0
15) GAS PRICE, $/MCF	3.750	6.500	4.890	4.240	3.720	3.690	3.570	3.570	3.570	3.570	4.714	3.570	4.498
WTR PHASE													
28) GROSS WTR MB	13.4	44.0	35.7	28.9	23.4	18.9	15.3	12.4	10.0	8.1	210.0	15.3	225.3
29) NET WTR, MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30) WTR REVENUE, M$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31) WTR PRICE, $/T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ECONOMICS, M$													
32) GROSS REV. TO INTR.	295.6	640.3	312.4	202.2	148.7	120.7	98.4	84.8	74.9	67.1	2045.0	416.1	2461.1
33) - SEV. TAX	21.4	47.1	22.8	14.7	10.8	8.8	7.2	6.2	5.4	4.9	149.2	30.2	179.5
34) - AD VALOREM TAX	0.5	1.0	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	3.2	0.7	3.9
35) - OPERATING COSTS	7.5	22.7	22.1	21.5	21.1	20.7	20.4	20.2	20.0	19.8	196.0	177.2	373.2
36) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40) = NET INCOME	266.3	569.5	267.0	165.6	116.6	91.1	70.6	58.3	49.3	42.3	1696.6	208.0	1904.6
41) - INVESTMENTS & RSK	603.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	603.7	-33.0	570.7
42) = BFIT NET	-337.4	569.5	267.0	165.6	116.6	91.1	70.6	58.3	49.3	42.3	1092.9	241.0	1333.9
PRESENT WORTH @ 10.00 %													
43) NET INCOME	261.6	529.1	225.0	126.8	81.1	57.6	40.6	30.4	23.4	18.2	1393.9	61.8	1455.7
44) INVESTMENTS & RISK	603.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	603.7	-5.7	598.0

45) BFIT NET	-342.1	529.1	225.0	126.8	81.1	57.6	40.6	30.4	23.4	18.2	790.2	67.5	857.7
46) CUM BFIT NET	-342.1	187.0	412.1	538.8	619.9	677.5	718.1	748.5	772.0	790.2	790.2	857.7	857.7

James Ranch Unit #74
Quahada Ridge (Delaware)

DATE : 03/13/2001
TIME : 15:37:51
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 09/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.5 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	445.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	445.5	0.0	445.5
3) DEPRECIABLE	158.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.2	-33.0	125.2
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	295.6	640.3	312.4	202.2	148.7	120.7	98.4	84.8	74.9	67.1	2045.0	416.1	2461.1
5) - SEVERANCE TAX	21.4	47.1	22.8	14.7	10.8	8.8	7.2	6.2	5.4	4.9	149.2	30.2	179.5
6) - OPR. COSTS & ATX	7.9	23.7	22.5	21.8	21.3	20.9	20.6	20.3	20.1	20.0	199.2	177.9	377.1
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	47.5	33.2	23.3	16.3	11.4	8.0	5.6	3.9	2.7	1.9	153.7	4.5	158.2
12) = NET	218.9	536.3	243.7	149.3	105.2	83.1	65.0	54.4	46.6	40.3	1542.8	203.5	1746.4
13) - DEPLETION TAKEN	45.1	89.1	54.2	39.1	30.6	25.1	21.3	18.5	16.4	14.7	354.1	91.4	445.5
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	173.7	447.2	189.5	110.3	74.7	58.0	43.7	35.8	30.2	25.6	1188.7	112.2	1300.9
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	59.1	152.0	64.4	37.5	25.4	19.7	14.9	12.2	10.3	8.7	404.2	38.1	442.3
19) REVENUE-SEV	274.3	593.3	289.5	187.4	137.9	112.0	91.2	78.6	69.4	62.2	1895.8	385.9	2281.7
20) - OPR. COSTS & ATX	7.9	23.7	22.5	21.8	21.3	20.9	20.6	20.3	20.1	20.0	199.2	177.9	377.1
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	59.1	152.0	64.4	37.5	25.4	19.7	14.9	12.2	10.3	8.7	404.2	38.1	442.3
24) = A.F.I.T.	207.2	417.5	202.6	128.1	91.2	71.3	55.8	46.1	39.1	33.5	1292.4	169.9	1462.3
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	207.2	417.5	202.6	128.1	91.2	71.3	55.8	46.1	39.1	33.5	1292.4	169.9	1462.3
28) - INVESTMENTS & RSK	603.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	603.7	-33.0	570.7
29) = A.F.I.T. NET	-396.5	417.5	202.6	128.1	91.2	71.3	55.8	46.1	39.1	33.5	688.7	202.9	891.6
PRESENT WORTH @ 10.00 %													
30) NET INCOME	204.0	385.6	170.1	97.8	63.3	45.0	32.0	24.0	18.5	14.5	1054.7	50.1	1104.9
31) INVESTMENTS & RISK	603.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	603.7	-5.7	598.0
32) A.F.I.T. NET	-399.7	385.6	170.1	97.8	63.3	45.0	32.0	24.0	18.5	14.5	451.0	55.8	506.9
33) CUM. A.F.I.T. NET	-399.7	-14.1	156.0	253.8	317.1	362.1	394.1	418.1	436.6	451.0	451.0	506.9	506.9

James Ranch Unit #74
Quahada Ridge (Delaware)

DATE : 03/13/2001
TIME : 15:37:51
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 09/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	1333.884	891.583	1350.884
5.	1046.998	658.693	905.342
10.	857.701	506.876	658.221
15.	722.897	399.690	500.320
20.	621.145	319.258	389.529
25.	540.899	256.079	306.582
30.	475.484	204.715	241.530
35.	420.789	161.851	188.739
40.	374.141	125.346	144.773
50.	298.254	66.045	75.153
60.	238.632	19.524	21.970
70.	190.179	-18.238	-20.345
80.	149.802	-49.673	-55.022
90.	115.494	-76.357	-84.088
100.	85.886	-99.365	-108.888
RATE OF RETURN, PCT.	100.0	65.2	
UNDISCOUNTED PAYOUT, YRS.	0.93	1.28	
DISCOUNTED PAYOUT, YRS.	0.98	1.42	
UNDISCOUNTED NET/INVEST.	3.34	2.56	
DISCOUNTED NET/INVEST.	2.43	1.85	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT # 27 **FORMATION** BONE SPRING

LOCATION I **UNIT,** 1780 **FEET FROM** SOUTH **LINE &** 200 **FEET FROM** EAST **LINE**

SECTION 36 **TOWNSHIP** 22S **RANGE** 30E **COUNTY** EDDY **NEW MEXICO**

SPUD DATE 7/14/00 **COMPLETION DATE** 9/2/00 **INITIAL PRODUCTION** 9/8/00

PERFORATIONS 11,120'-11,129'

STIMULATION:

ACID 2500 Gal 7 1/2% Fercheck acid

FRACTURE 117,800 gals gel w/ 245,000# Super LC RC 20/40 sd

POTENTIAL (F) 50 BO 102 MCF 102 BW

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	11.1%			
Water Saturation (Sw), %	60%			
Net Thickness (h), ft.	18			
Temperature (T), Fahrenheit	120			
Bottom Hole Pressure (P), psia	3726			
Recovery Factor (RF), %	15%			
Recoverable Oil, Bbls * (See eq. Below)	24,801			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF)   Boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 1/31/01 — 868 BBLS

	PRODUCING
INITIAL RATE (qi)	432
ECONOMIC LIMIT (ql)	61
DECLINE RATE, dy (Hyperbolic, n=1.01)	53.6
REMAINING OIL (Q)=	12,132
ULTIMATE RECOVERABLE OIL	13,000

(Attach plat showing pro-ration unit and participating area.)

ECONOMIC

WELL COST $1,203,300 (to the depth of formation completed)

RECOMPLETION COST

TOTAL COST $1,203,300

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax & Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				(1,203,300)
1	900	25,900	8,400	17,400
2	3,600	118,500	28,100	83,500
3	2,500	70,900	24,500	39,100
4	1,800	47,700	22,800	19,100
5	1,400	35,700	21,900	9,600
6	1,200	29,400	21,400	5,100
7	1,000	24,200	21,000	1,800
8	500	12,600	12,200	17,400
9				
10				
REMAINDER				
TOTAL	12,900	$364,900	$160,300	($1,010,300)

WELL IS NOT COMMERCIAL

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR' COPY

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02953-C

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. James Ranch Unit

CONFIDENTIAL

2. Name of Operator: Bass Enterprises Production Co.

8. Lease Name and Well No. James Ranch Unit # 27

3. Address: P.O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code): (915) 683-2277

9. API Well No. 30-015-31033

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 200' FEL & 1780' FSL

At top prod. interval reported below

At total depth 660 FWL & 1980 FSL Sec. 31 T22S-R31E

10. Field and Pool, or Exploratory: Los Medanos, South

11. Sec., T., R., M., or Block and Survey or Area: Section 36, T22S-R30E

12. County or Parish: Eddy

13. State: New Mexico

14. Date Spudded: 7/13/00

15. Date T.D. Reached: 8/23/00

16. Date Completed: [ ] D & A [X] Ready to Prod. 9/2/00

17. Elevations (DF, RKB, RT, GL)*: 3316' FL, 3334.8' KB

18. Total Depth: MD 11,450' TVD

19. Plug Back T.D.: MD 11,357' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#	0	668'	- - -	350 Class B	- - -	Surface	N/A
11"	8-5/8"	32#	0	3709'	- - -	900 Prem Pl	- - -	Surface	N/A
7-7/8"	5-1/2"	17#	1201'	11,450'	- - -	2240 Prem Pl	- - -	1201' TS	N/A

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7320'	7320'						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Bone Spring	11,111'	11,139'	11,120-129'	0.4	18	CIBP @ 7900'
B)	Wolfcamp	11,301'	11,327'	11,309-318'	0.4	18	CIBP @ 7900'
C)	Delaware	7291'	7400'	7485-90'	0.4	10	Producing
D)	Delaware	7493'	7672'	7680-85'	0.4	10	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11,120-129, 11,309-318'	Acidized w/ 2500 gals 7-1/2% fercheck acid. Frac'd w/ 117,800 gals gel w/
	245,000# Super LC resin coated 20/40 sand.
7485-90', 7680-85'	Acidize w/500 gals 15% HCl w/ additives. Frac'd w/ 97,888 gals Viking 30
	+ 335,517 Brady Sand.

ACCEPTED FOR RECORD
DEC 0 3 2000
BLM

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
9/8/00	9/28/00	24	→	50	102	102	44.2		Flowing

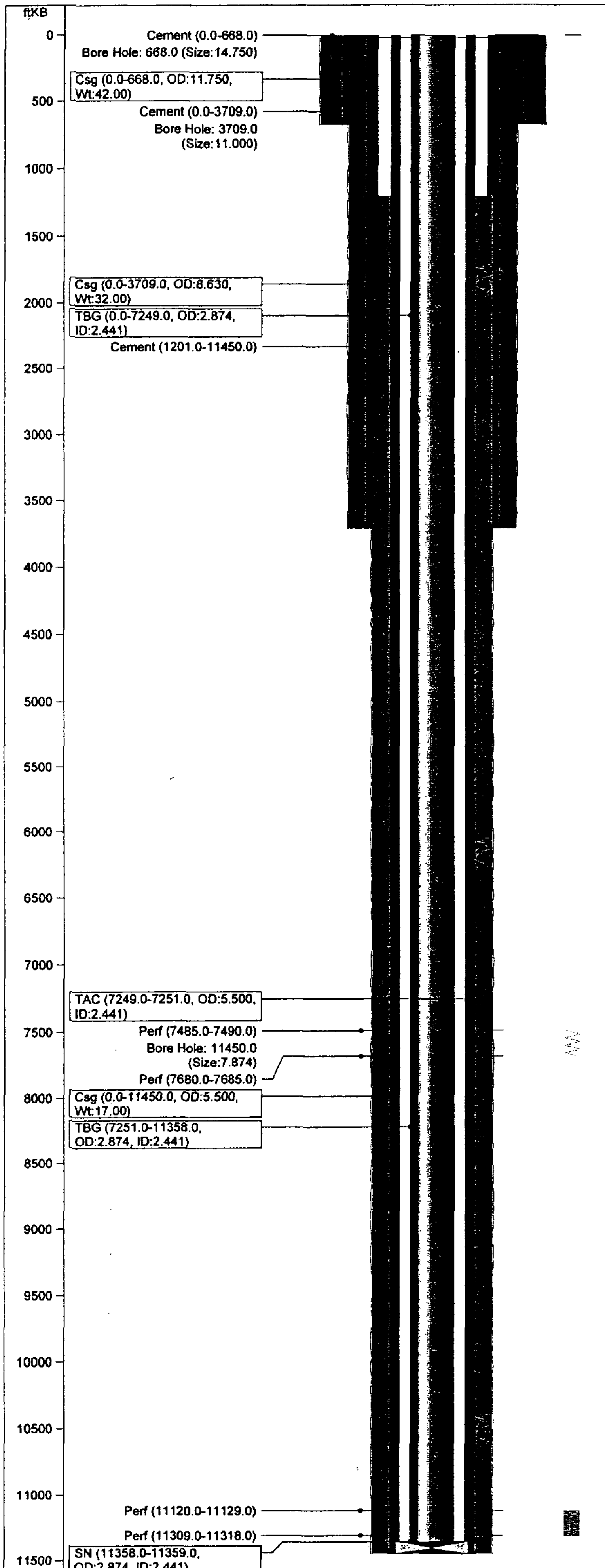
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
36/64"	54	1550	→	50	102	102	2040	CIBP @ 7900'

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
9/8/00	9/28/00	24	→	50	102	102	44.2		Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
36/64"	54	1550	→	50	102	102	2040	CIBP @ 7900'

3001531033 3/7/2001



JAMES RANCH UNIT #27

API No.	3001531033	Comments	
TD	11450.0 ftKB	Status	ACT OIL
PBTD	11357.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	27	Spud	7/14/2000
ID Code		RR	8/23/2000
Field	LOS MEDANOS	Completion	8/29/2000
Author	CDP	Last Act.	
Date Updated	11/16/2000	Abandoned	

Location

Township	22S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	1780.0 ft S
		Top EW Distance	200.0 ft E
Section	36	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3334.8 ft	Cas Flng	0.0 ft
Grd	3316.0 ft	Tub Head	0.0 ft
KB-Grd	18.8 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/14/2000	0.0	668.0		11.750	11.080	42.00		

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/18/2000	0.0	3709.0		8.630	7.920	32.00		

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	8/23/2000	0.0	11450.0	257	5.500	4.890	17.00	P110	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	7/14/2000	0.0	668.0	300	
Intermediate Casing	7/18/2000	0.0	3709.0	1200	
Production Casing	8/23/2000	1201.0	11450.0	2240	TOC TS 1201

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
TBG	10/22/2000	0.0	7249.0	231	2.874	2.441	6.50	N80	EUE
TAC	10/22/2000	7249.0	7251.0		5.500	2.441	6.50		
TBG	10/22/2000	7251.0	11358.0	131	2.874	2.441	6.50	N80	EUE
SN	10/22/2000	11358.0	11359.0		2.874	2.441	6.50	N80	EUE

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
8/23/2000	Cement Plug	11357.0	11450.0	4.890	5.500

Perforations

Date	Int	Holes	Status
8/29/2000	11120.0 - 11129.0	18.0	OPEN
8/29/2000	11309.0 - 11318.0	18.0	OPEN
10/17/2000	7485.0 - 7490.0	10.0	OPEN
10/17/2000	7680.0 - 7685.0	10.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
		0.0 - 0.0		
8/31/2000	ACID	11120.0 - 11318.0	3000 GAL 7 1/2" FERCHECK ACID	
9/1/2000	Sd Frac	11120.0 - 11318.0	117,800 GAL GEL	245,000# 20/40 RCS
10/19/2000	Sd Frac	7485.0 - 7685.0	97,888 GAL VIKING 30	239,600# 16/30 BRADY 95,837# CR4000

WELL HISTORY

WELL NAME:	James Ranch Unit #27
FIELD NAME:	Los Medanos (Wolfcamp, Bone Spring, Delaware)
LOCATION:	1780' FSL & 200' FEL, Sec 36, T22S, R30E, Eddy County, New Mexico
ELEV:	3316' GL, 3334' KB
SPUD DATE:	7/14/2000, RR 7/23/2000
COMP DATE:	8/29/2000
ORIG TD:	11,450'
ORIG PBTD:	11,357'
CASING:	11 ¾" 42# WC40 668' w/300 sx, cmt circ, 14 ¾" hole. 8 5/8" 32#,WC50,& 28# WC50, CSA 3809' w/1200 sx, cmt circ, 11' hole. 5 ½ 15.5 17# P110, CSA 11,450' 1ST STAGE 1240 SX DV TOOL 6877, 2ND STAGE 1000 SXS, TOC 1201'(TS).
TUBING:	2 7/8", 6.5# J-55, 8 RD
DST:	None
CORES & LOGS:	GR-CN-LDT-AIT(PLATFORM EXPRESS)

INITIAL COMPLETION

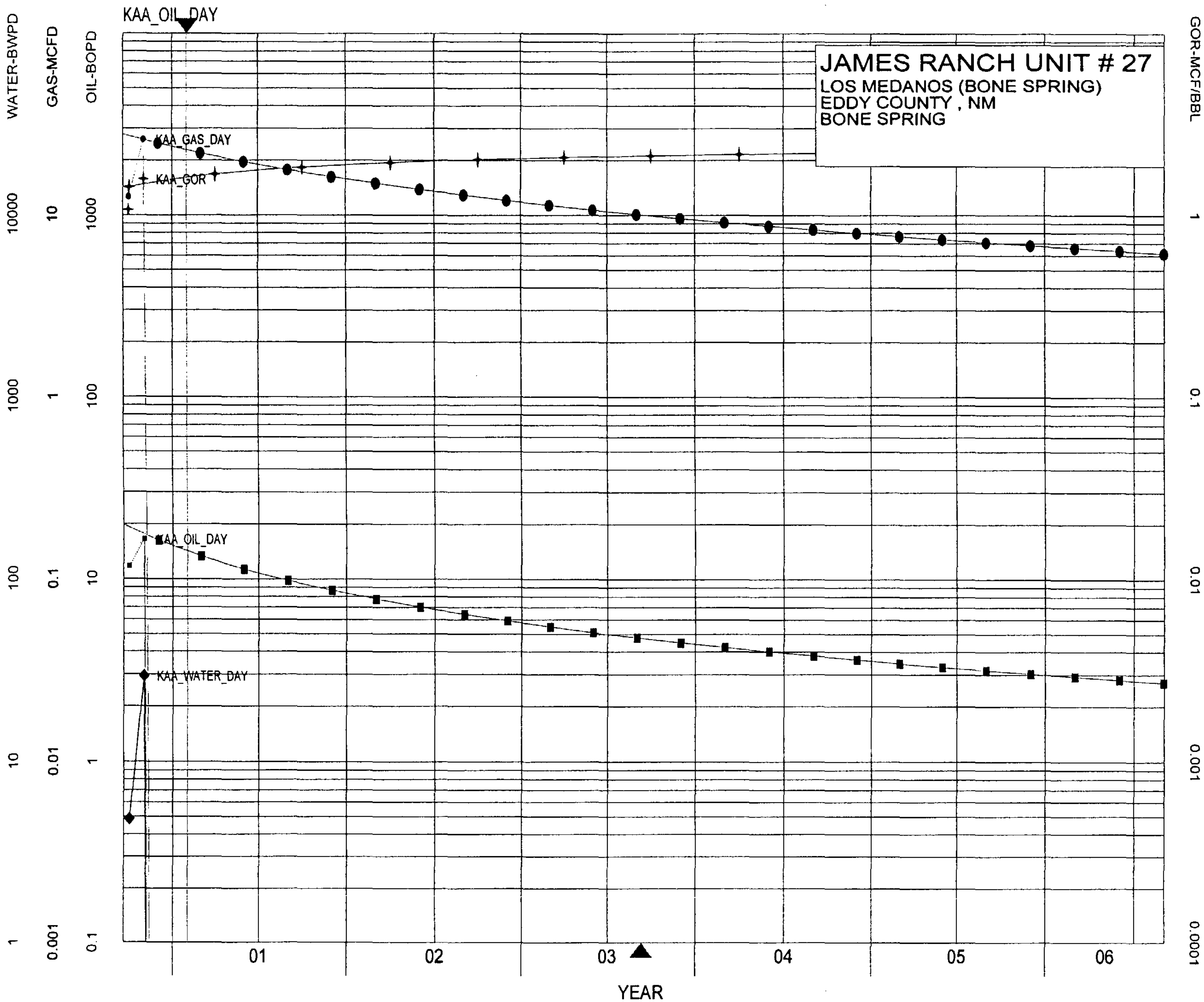
7/14/2000 TO 7/23/2000 **INITIAL COMPLETION**

TD 11,450', PBTD 11,357'.Ran logs.

Perf: 11309-318' WOLFCAMP 2 SPF 18 HOLES, 11,120-129' BONE SPRINGS 2 SPF 18 SHOTS. TREAT w/ 500 GAL 7 1/5% FERCHECK, 2500 GAL 7 1/5% FERCHECK ACID & 100 BS. **FRAC** w/117,800 gal Gel + 245,000# 20/40 Super LC RC sd. Avg 5078 psig. ISIP 3610 psi. 9/9/2000 (F) 126 BO, 34 BW 270 MCF.

10/17/2000 TO 11/15/2000

Set CIBP @ 7900', **Perf** LBC @ 7680-85' 10 shots, **U-Sand** 7485-90' 10 shots. Pmp 500 gal 15% HCL, **Frac** w/97,888 gal Viking 30, 239,000# 16/30 Brady, 95,837# 16/30 CR4000. Run Tbg, Set Pmp Unit, 11/15/00 Test Delaware 84 BO 181 BW, 45 MCF.



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Rem=	27202
EUR=	28390
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b=	1.010000
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Rem=	0
EUR=	0
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Qref=	1.6
De=	0.000000
b=	0.000000
Qab=	0.0

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

CONFIDENTIAL

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31033	96336	Los Medanos (Wolfcamp) South

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	27

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3316'

Surface Location

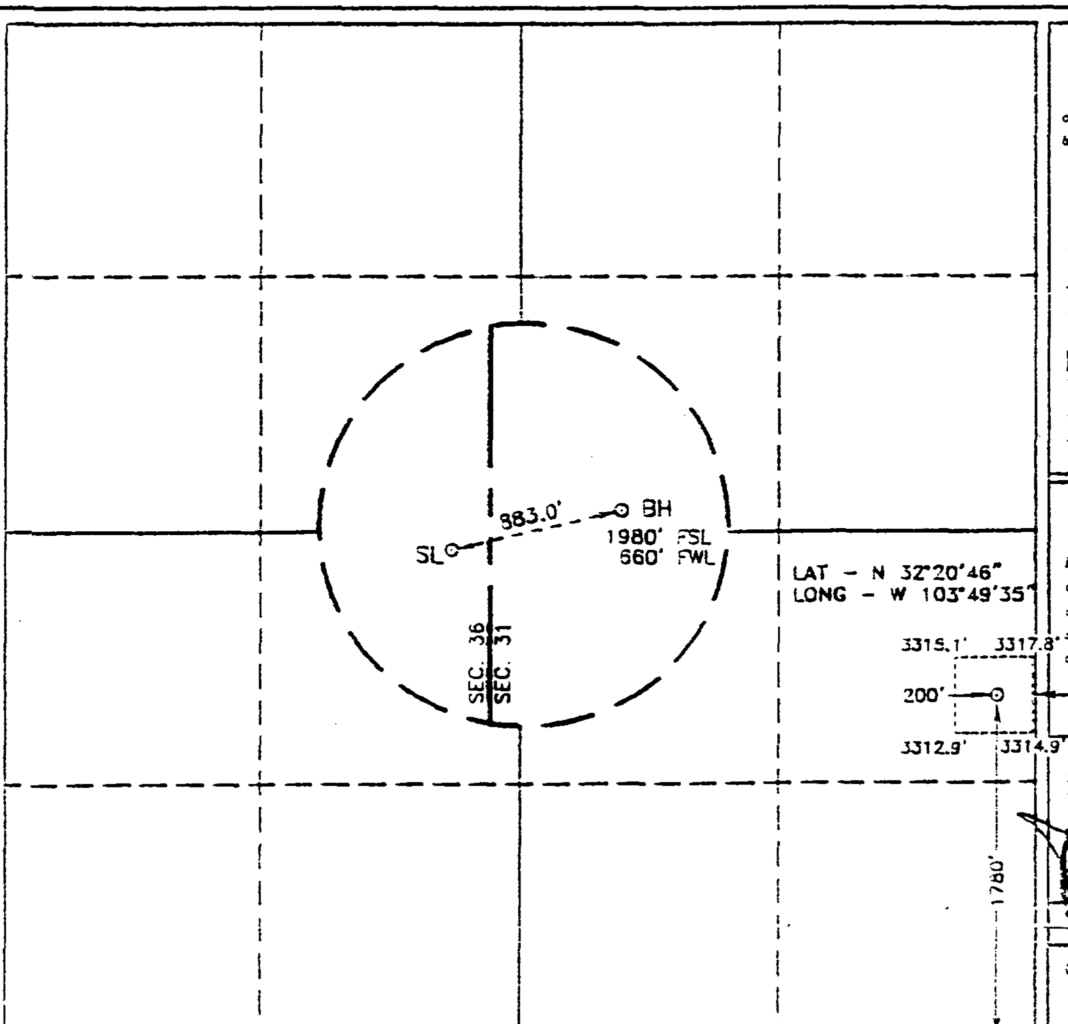
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	22 S	30 E		1780	SOUTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

11/20/00
Date

SURVEYOR CERTIFICATION

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 belief.

November 16, 1999
Date Surveyed

Signature & Seal of Professional Surveyor

W.O. No.

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Camps Ranch Unit #27
Los Medanos (Bone Spring)

Date: 03/13/2001
Time: 15:08:36
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

	INPUT DATA							INITIAL CALCULATED DATA				
ITEM NAME	Scheduling Rates			Schedule Until		Procedure		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	09/2000 354 514 0 0 0 #							0.868	1/2001			
401 GAS	09/2000 379 809 0 0 0 #							1.188	1/2001			
402 WTR	09/2000 146 912 0 0 0 #							1.058	1/2001			
403 START	02/2001											
404 OIL	431.85	X	B/M	18.19	IMU	B/1.010	43.38	18.189	9/2018	53.6	432.	30.
405 START	02/2001											
406 GAS	692.83	X	M/M	38.24	IMU	B/1.010	32.70	38.236	1/2018	38.5	693.	76.
407 START	09/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		9/2018		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		9/2018		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		9/2018		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		9/2018		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		8/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		8/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	27.60	X	$/B	1/2002	AD	PC	0.00		12/2001		27.600	27.600
519 "	23.88	X	$/B	1/2003	AD	PC	0.00		12/2002		23.880	23.880
520 "	22.10	X	$/B	01/2004	AD	PC	0.00		12/2003		22.100	22.100
521 "	21.40	X	$/B	01/2005	AD	PC	0.00		12/2004		21.400	21.400
522 "	21.20	X	$/B	06/2005	AD	PC	0.00		5/2005		21.200	21.200
523 "	21.20	X	$/B	03/2006	AD	PC	0.00		2/2006		21.200	21.200
524 "	20.20	20.20	$/B	TO	LIFE	PC	0.00		2/2006		20.200	20.200
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		9/2018		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		9/2018		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		9/2018		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		8/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		8/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		8/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	6.63	X	$/M	01/2002	AD	PC	0.00		12/2001		6.630	6.630
534 "	5.02	X	$/M	01/2003	AD	PC	0.00		12/2002		5.020	5.020
535 "	4.37	X	$/M	01/2004	AD	PC	0.00		12/2003		4.370	4.370
536 "	3.85	X	$/M	01/2005	AD	PC	0.00		12/2004		3.850	3.850
537 "	3.82	X	$/M	01/2006	AD	PC	0.00		12/2005		3.820	3.820
538 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		12/2005		3.700	3.700
540 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24008.000
542 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24008.000
600 OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		9/2018		1600.000	1600.000
601 OPC/WTR	0.08	0.08	$/U	TO	LIFE	PC	0.00		8/2000		0.080	0.080
602 ATX	0.17	X	%	TO	LIFE	PC	0.00		9/2018		0.002	0.002

```
602 OPC/T        0.00     X    $/M      TO      LIFE     PC        0.00               9/2018                              1600.000

603 STX/OIL      7.08     X    %        TO      LIFE     PC        0.00               9/2018                   0.071       0.071

604 ATX          0.00     X    %        TO      LIFE     PC        0.00               9/2018                               0.002

604 STX/GAS      7.93     X    %        TO      LIFE     PC        0.00               9/2018                   0.079       0.079

605 STX/OIL      0.00     X    %        TO      LIFE     PC        0.00               9/2018                               0.071
606 STX/GAS      0.00     X    %        TO      LIFE     PC        0.00               9/2018                               0.079

705 LSE/WI     100.0000   D    %        TO      LIFE     FLAT      0.00               9/2018                   1.000       1.000

720 NET/OIL     86.5000   D    %        TO      LIFE     FLAT      0.00               9/2018                   0.865       0.865
740 NET/GAS     86.5000   D    %        TO      LIFE     FLAT      0.00               9/2018                   0.865       0.865

780 LSE/NPI      0.0000   D    %        TO      LIFE     FLAT      0.00               9/2018

OVERLAYS      Scheduling Rates          Schdule Until    Procedure         Ultimate     Last   Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    --------------   ---------------   ----------  ------- ---------  ----------  ----------
900 OIL     09/2000 354 514 0 0 0 #                                             0.868  1/2001

901 GAS     09/2000 379 809 0 0 0 #                                             1.188  1/2001

902 WTR     09/2000 146 912 0 0 0 #                                             1.058  1/2001

INVESTMENT    Tangibles & Intangibles    Time            Procedure         Total T&I   Month   Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    -------------    ---------------   ----------  ------- ---------  ----------  ----------
800 DRILL       240.70    962.60 M$G     09/2000 AD      PC        0.00     1203.300  9/2000         0      1203.3      1203.3
801 SALV        -33.00      0.00 M$G     TO      LIFE    PC        0.00      -33.000  9/2018         0       -33.0       -33.0

MISC. PARAMETERS            Item                    Item
----------------------      ------------------      ------------------    ---------------  ---------------  ---------------
250 LOSS     NO

PROJECT RUN SETTINGS
--------------------
Base Date    : 09/2000  Time Frames :  4,48*12,620
P.W. Date    : 09/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date  : 09/2000
Qualifiers   :    Prod = CD            Price = CD            Cost    = CD          Owner   = CD
                 Title = DEFAULT       Misc  = CD            Invest = CD           Overlay = CD
NET/WTR            WI
```

James Ranch Unit #27
Los Medanos (Bone Spring)

DATE : 03/13/2001
TIME : 15:08:36
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 09/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	6.9 YR TOTAL
OWNERSHIP									
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$									
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	1203.3	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	1170.3
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1170.3
OIL PHASE									
8) GROSS OIL, MB	0.9	3.6	2.5	1.8	1.4	1.2	1.0	0.5	13.0
9) NET OIL, MB	0.8	3.1	2.2	1.6	1.2	1.0	0.9	0.5	11.2
10) OIL REVENUE, M$	22.0	83.0	50.0	33.6	25.6	20.9	17.1	8.8	260.9
11) OIL PRICE, $/B	29.34	26.69	22.97	21.19	20.49	20.29	19.47	19.29	23.23
GAS PHASE									
12) GROSS GAS, MMF	1.2	6.3	5.0	3.8	3.1	2.7	2.3	1.2	25.6
13) NET GAS, MMF	1.0	5.5	4.3	3.3	2.7	2.3	2.0	1.0	22.2
14) GAS REVENUE, M$	3.9	35.4	21.0	14.1	10.1	8.5	7.1	3.7	103.8
15) GAS PRICE, $/MCF	3.750	6.500	4.890	4.240	3.720	3.690	3.570	3.570	4.687
WTR PHASE									
28) GROSS WTR MB	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
29) NET WTR, MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30) WTR REVENUE, M$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31) WTR PRICE, $/T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ECONOMICS, M$									
32) GROSS REV. TO INTR.	25.9	118.5	70.9	47.7	35.7	29.4	24.2	12.6	364.8
33) - SEV. TAX	1.9	8.7	5.2	3.5	2.6	2.2	1.8	0.9	26.7
34) - AD VALOREM TAX	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.6
35) - OPERATING COSTS	6.5	19.2	19.2	19.2	19.2	19.2	19.2	11.2	132.9
36) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40) = NET INCOME	17.5	90.4	46.4	24.9	13.8	8.0	3.2	0.4	204.6
41) - INVESTMENTS & RSK	1203.3	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	1170.3
42) = BFIT NET	-1185.8	90.4	46.4	24.9	13.8	8.0	3.2	33.4	-965.7
PRESENT WORTH @ 10.00 %									
43) NET INCOME	17.4	83.5	39.1	19.1	9.6	5.1	1.8	0.2	175.8
44) INVESTMENTS & RISK	1203.3	0.0	0.0	0.0	0.0	0.0	0.0	-17.2	1186.1

45) BFIT NET	-1185.9	83.5	39.1	19.1	9.6	5.1	1.8	17.4	-1010.3
46) CUM BFIT NET	-1185.9	-1102.4	-1063.3	-1044.2	-1034.6	-1029.5	-1027.7	-1010.3	-1010.3

James Ranch Unit #27
Los Medanos (Bone Spring)

DATE : 03/13/2001
TIME : 15:08:36
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 09/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	6.9 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$									
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	962.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	962.6
3) DEPRECIABLE	240.7	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	207.7
TAX CALCULATIONS, M$									
4) GROSS REV. TO INTR.	25.9	118.5	70.9	47.7	35.7	29.4	24.2	12.6	364.8
5) - SEVERANCE TAX	1.9	8.7	5.2	3.5	2.6	2.2	1.8	0.9	26.7
6) - OPR. COSTS & ATX	6.5	19.4	19.3	19.3	19.3	19.2	19.2	11.2	133.5
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	72.2	50.5	35.4	24.8	17.3	12.1	8.5	19.8	240.7
12) = NET	-54.7	39.9	11.0	0.1	-3.5	-4.2	-5.3	-19.4	-36.1
13) - DEPLETION TAKEN	64.3	266.6	186.4	135.8	106.9	88.2	75.1	39.2	962.6
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-119.1	-226.8	-175.3	-135.6	-110.4	-92.4	-80.5	-58.6	-998.7
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	-40.5	-77.1	-59.6	-46.1	-37.6	-31.4	-27.4	-19.9	-339.6
19) REVENUE-SEV	24.0	109.8	65.7	44.2	33.1	27.2	22.4	11.6	338.1
20) - OPR. COSTS & ATX	6.5	19.4	19.3	19.3	19.3	19.2	19.2	11.2	133.5
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-40.5	-77.1	-59.6	-46.1	-37.6	-31.4	-27.4	-19.9	-339.6
24) = A.F.I.T.	58.0	167.5	106.0	71.0	51.4	39.4	30.5	20.3	544.2
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	58.0	167.5	106.0	71.0	51.4	39.4	30.5	20.3	544.2
28) - INVESTMENTS & RSK	1203.3	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	1170.3
29) = A.F.I.T. NET	-1145.3	167.5	106.0	71.0	51.4	39.4	30.5	53.3	-626.1
PRESENT WORTH @ 10.00 %									
30) NET INCOME	57.1	154.7	89.0	54.2	35.6	24.8	17.5	10.8	443.8
31) INVESTMENTS & RISK	1203.3	0.0	0.0	0.0	0.0	0.0	0.0	-17.2	1186.1
32) A.F.I.T. NET	-1146.2	154.7	89.0	54.2	35.6	24.8	17.5	28.0	-742.3
33) CUM. A.F.I.T. NET	-1146.2	-991.5	-902.5	-848.3	-812.6	-787.8	-770.3	-742.3	-742.3

James Ranch Unit #27
Los Medanos (Bone Spring)

DATE : 03/13/2001
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E C O N O M I C   I N D I C A T O R S

AS OF DATE: 09/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	-965.705	-626.146	-948.705
5.	-990.676	-691.102	-988.495
10.	-1010.264	-742.251	-1016.348
15.	-1025.984	-783.335	-1036.763
20.	-1038.855	-816.926	-1052.289
25.	-1049.581	-844.826	-1064.464
30.	-1058.659	-868.327	-1074.259
35.	-1066.447	-888.373	-1082.310
40.	-1073.208	-905.665	-1089.053
50.	-1084.391	-933.973	-1099.739
60.	-1093.292	-956.182	-1107.870
70.	-1100.571	-974.096	-1114.304
80.	-1106.655	-988.875	-1119.551
90.	-1111.829	-1001.297	-1123.933
100.	-1116.293	-1011.902	-1127.662
RATE OF RETURN, PCT.	0.0	0.0	
UNDISCOUNTED PAYOUT, YRS.	6.92	6.92	
DISCOUNTED PAYOUT, YRS.	6.92	6.92	
UNDISCOUNTED NET/INVEST.	0.17	0.46	
DISCOUNTED NET/INVEST.	0.15	0.37	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT # 27 FORMATION DELAWARE

LOCATION I UNIT, 1780 FEET FROM SOUTH LINE & 200 FEET FROM EAST LINE

SECTION 36 TOWNSHIP 22S RANGE 30E COUNTY EDDY NEW MEXICO

SPUD DATE 7/14/00 COMPLETION DATE 10/2/00 INITIAL PRODUCTION 11/3/00

PERFORATIONS 7485-7490', 7680-7685'

STIMULATION:

ACID 500 gal 15% HCL

FRACTURE 97,888 gals Viking 30 + 239,000# Brady Sd, 95,837# 16/30 CR4000

POTENTIAL Pmpd 84 BO 45 MCF 181 BW

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	14.0%			
Water Saturation (Sw), %	60%			
Net Thickness (h), ft.	36			
Temperature (T), Fahrenheit	120			
Bottom Hole Pressure (P), psia	3182			
Recovery Factor (RF), %	15%			
Recoverable Oil, Bbls * (See eq. Below)	62,561			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF) Boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 1/31/01 4183 BBLS

	PRODUCING
INITIAL RATE (qi)	1424
ECONOMIC LIMIT (ql)	91
DECLINE RATE, dy (Hyperbolic, n=1.01)	69.2
REMAINING OIL (Q)=	36,317
ULTIMATE RECOVERABLE OIL	40,500

(Attach plat showing pro-ration unit and participating area.)

ECONOMIC

WELL COST $914,600 (to the depth of formation completed)

RECOMPLETION COST

TOTAL COST $914,600

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax & Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				(914,600)
1	2,700	82,600	10,200	71,900
2	12,100	473,600	60,800	389,500
3	6,500	238,600	42,500	167,900
4	4,500	157,600	35,700	94,800
5	3,400	115,800	32,100	59,100
6	2,800	95,400	30,100	41,900
7	2,300	78,700	28,500	29,300
8	2,000	68,600	27,400	21,900
9	1,800	61,000	26,500	16,700
10	1,600	54,900	25,700	12,800
REMAINDER	600	96,600	86,300	14,200
TOTAL	40,300	$1,523,400	$405,800	$5,400

WELL IS COMMERCIAL

WELL HISTORY

WELL NAME: James Ranch Unit #27

FIELD NAME: Los Medanos (Wolfcamp, Bone Spring, Delaware)

LOCATION: 1780' FSL & 200' FEL, Sec 36, T22S, R30E,
Eddy County, New Mexico

ELEV: 3316' GL, 3334' KB

SPUD DATE: 7/14/2000, RR 7/23/2000

COMP DATE: 8/29/2000

ORIG TD: 11,450'

ORIG PBTD: 11,357'

CASING: 11 ¾" 42# WC40 668' w/300 sx, cmt circ, 14 ¾" hole.
8 5/8" 32#,WC50,& 28# WC50, CSA 3809' w/1200 sx, cmt circ, 11' hole.
5 ½ 15.5 17# P110, CSA 11,450' 1ST STAGE 1240 SX DV TOOL 6877, 2ND STAGE 1000 SXS, TOC 1201'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

DST: None

CORES & LOGS: GR-CN-LDT-AIT(PLATFORM EXPRESS)

INITIAL COMPLETION

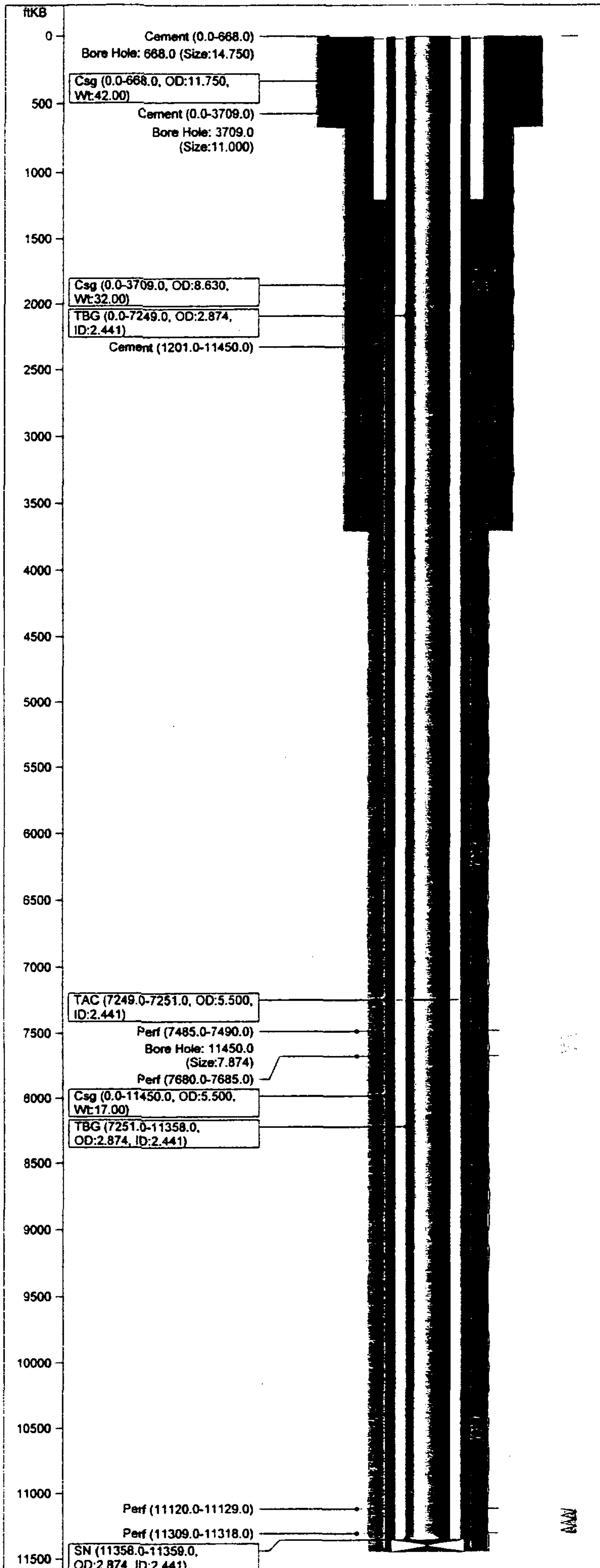
7/14/2000 TO 7/23/2000 **INITIAL COMPLETION**

TD 11,450', PBTD 11,357'.Ran logs.

Perf: 11309-318' WOLFCAMP 2 SPF 18 HOLES, 11,120-129' BONE SPRINGS 2 SPF 18 SHOTS. **TREAT** w/ 500 GAL 7 1/5% FERCHECK, 2500 GAL 7 1/5% FERCHECK ACID & 100 BS. **FRAC** w/117,800 gal Gel + 245,000# 20/40 Super LC RC sd. Avg 5078 psig. ISIP 3610 psi. 9/9/2000 (F) 126 BO, 34 BW 270 MCF.

10/17/2000 TO 11/15/2000

Set CIBP @ 7900', **Perf** LBC @ 7680-85' 10 shots, **U-Sand** 7485-90' 10 shots. Pmp 500 gal 15% HCL, **Frac** w/97,888 gal Viking 30, 239,000# 16/30 Brady, 95,837# 16/30 CR4000. Run Tbg, Set Pmp Unit, 11/15/00 Test Delaware 84 BO 181 BW, 45 MCF.



JAMES RANCH UNIT #27

API No.	3001531033	Comments	
TD	11450.0 ftKB	Status	ACT OIL
PBTD	11357.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	27	Spud	7/14/2000
ID Code		RR	8/23/2000
Field	LOS MEDANOS	Completion	8/29/2000
Author	CDP	Last Act.	
Date Updated	11/16/2000	Abandoned	

Location

Township	22S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	1780.0 ft S
		Top EW Distance	200.0 ft E
Section	36	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3334.8 ft	Cas Flng	0.0 ft
Grd	3316.0 ft	Tub Head	0.0 ft
KB-Grd	18.8 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/14/2000	0.0	668.0		11.750	11.080	42.00		

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/18/2000	0.0	3709.0		8.630	7.920	32.00		

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	8/23/2000	0.0	11450.0	257	5.500	4.890	17.00	P110	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	7/14/2000	0.0	668.0	300	
Intermediate Casing	7/18/2000	0.0	3709.0	1200	
Production Casing	8/23/2000	1201.0	11450.0	2240	TOC TS 1201

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
TBG	10/22/2000	0.0	7249.0	231	2.874	2.441	6.50	N80	EUE
TAC	10/22/2000	7249.0	7251.0		5.500	2.441	6.50		
TBG	10/22/2000	7251.0	11358.0	131	2.874	2.441	6.50	N80	EUE
SN	10/22/2000	11358.0	11359.0		2.874	2.441	6.50	N80	EUE

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
8/23/2000	Cement Plug	11357.0	11450.0	4.890	5.500

Perforations

Date	Int	Holes	Status
8/29/2000	11120.0 - 11129.0	18.0	OPEN
8/29/2000	11309.0 - 11318.0	18.0	OPEN
10/17/2000	7485.0 - 7490.0	10.0	OPEN
10/17/2000	7680.0 - 7685.0	10.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
		0.0 - 0.0		
8/31/2000	ACID	11120.0 - 11318.0	3000 GAL 7 1/2" FERCHECK ACID	
9/1/2000	Sd Frac	11120.0 - 11318.0	117,800 GAL GEL	245,000# 20/40 RCS
10/19/2000	Sd Frac	7485.0 - 7685.0	97,888 GAL VIKING 30	239,600# 16/30 BRADY 95,837# CR4000

(August 1999) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OPERATOR COPY

OMB NO. 1004-0137 Expires: November 30, 2000

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02953-C
6. If Indian, Allotee or Tribe Name
7. Unit or CA Agreement Name and No. James Ranch Unit
8. Lease Name and Well No. James Ranch Unit # 27
9. API Well No. 30-015-31033
10. Field and Pool, or Exploratory: Los Medanos, South
11. Sec., T., R., M., or Block and Survey or Area: Section 36, T22S-R30E
12. County or Parish: Eddy
13. State: New Mexico

1a. Type of Well: [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr., Other

2. Name of Operator: Bass Enterprises Production Co.

3. Address: P.O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code): (915) 683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 200' FEL & 1780' FSL

At top prod. interval reported below

At total depth: 660 FWL & 1980 FSL Sec. 31 T22S-R31E

14. Date Spudded: 7/13/00
15. Date T.D. Reached: 8/23/00
16. Date Completed: [ ] D & A [X] Ready to Prod. 9/2/00
17. Elevations (DF, RKB, RT, GL)*: 3316' FL. 3334.8' KB

18. Total Depth: MD 11,450' TVD
19. Plug Back T.D.: MD 11,357' TVD
20. Depth Bridge Plug Set: MD TVD

21. Type ~~Electric & Other Mechanical Logs Run (Submit copy of each)~~

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#	0	668'	- - -	350 Class B	- - -	Surface	N/A
11"	8-5/8"	32#	0	3709'	- - -	900 Prem Pl	- - -	Surface	N/A
7-7/8"	5-1/2"	17#	1201'	11,450'	- - -	2240 Prem Pl	- - -	1201' TS	N/A

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7320'	7320'						

25. Producing Intervals — 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Bone Spring	11,111'	11,139'	11,120-129'	0.4	18	CIBP @ 7900'
B)	Wolfcamp	11,301'	11,327'	11,309-318'	0.4	18	CIBP @ 7900'
C)	Delaware	7291'	7400'	7485-90'	0.4	10	Producing
D)	Delaware	7493'	7672'	7680-85'	0.4	10	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11,120-129, 11,309-318'	Acidized w/ 2500 gals 7-1/2% fercheck acid. Frac'd w/ 117,300 gals gel w/
	245,000# Super LC resin coated 20/40 sand.
7485-90', 7680-85'	Acidize w/500 gals 15% HCl w/ additives. Frac'd w/ 97,888 gals Viking 30
	+ 335,517 Brady Sand.

ACCEPTED FOR RECORD

DEC 0 3 2000

BLM

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
9/8/00	9/28/00	24	→	50	102	102	44.2		Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
36/64"	54	1550	→	50	102	102	2040	CIBP @ 7900'

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
9/8/00	9/28/00	24	→	50	102	102	44.2		Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
36/64"	54	1550	→	50	102	102	2040	CIBP @ 7900'

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

CONFIDENTIAL

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31033	96336	Los Medanos (Wolfcamp) South

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	27

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3316'

Surface Location

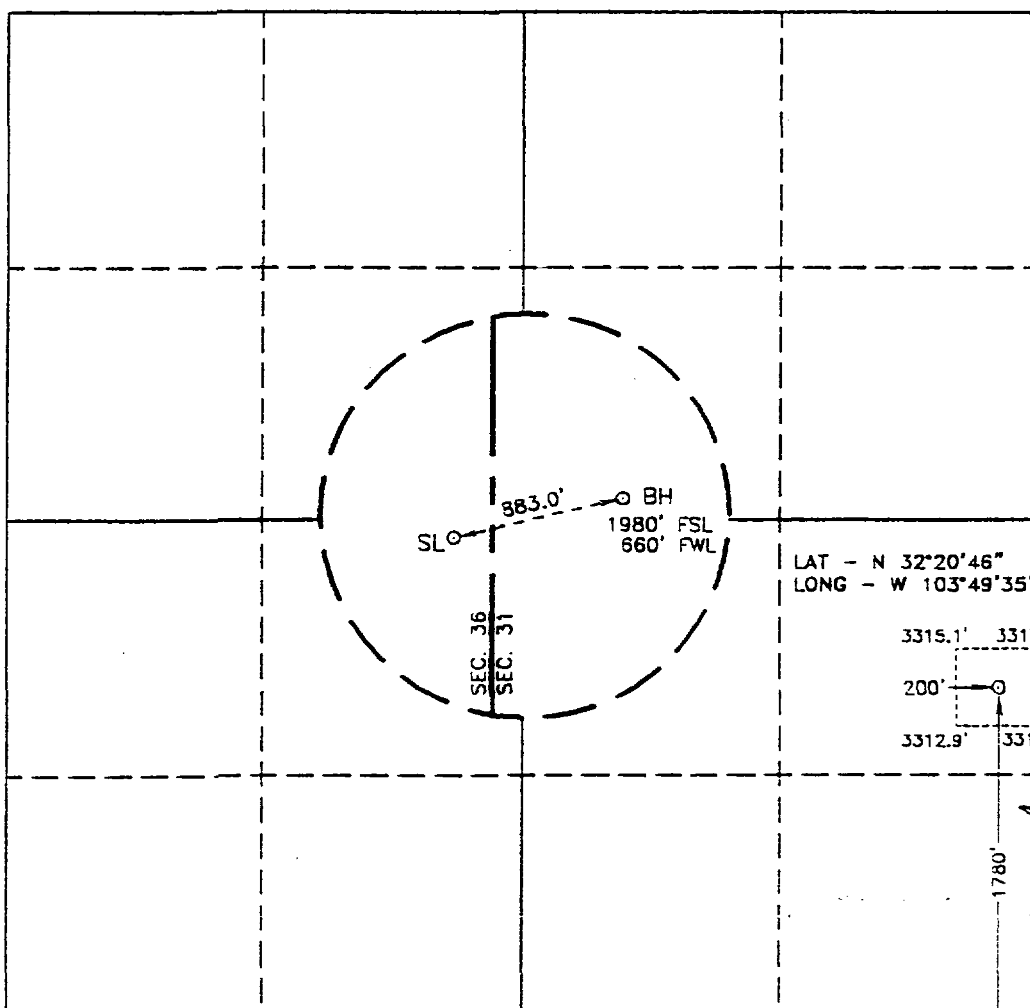
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	22 S	30 E		1780	SOUTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

11/20/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

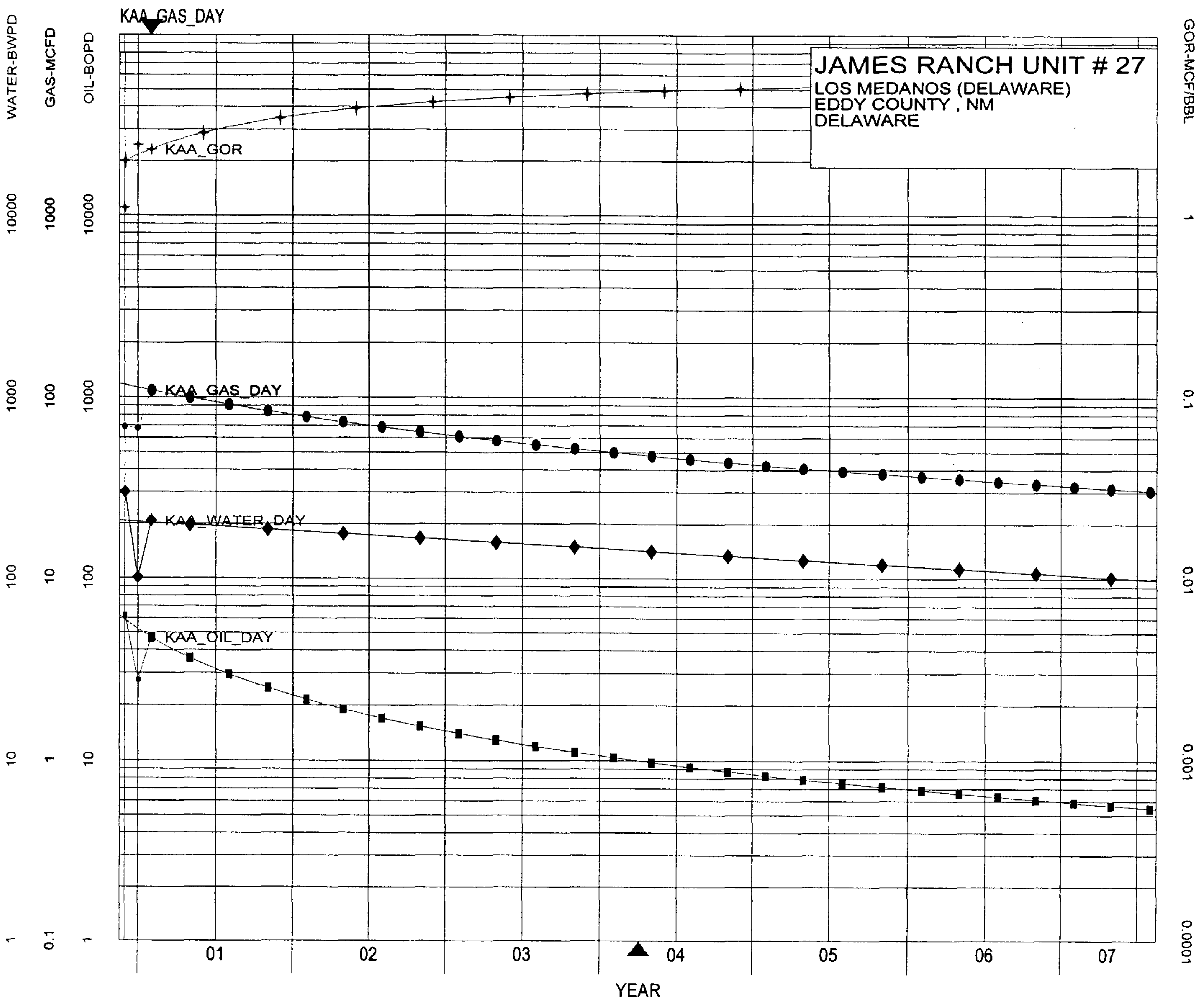
November 16, 1999
Date Surveyed

Signature & Seal of Professional Surveyor

W.O. No.

Certificate No. Gary L. Jones 7977

BASIN SURVEYS



KAA_OIL_DAY	
Qual=	CD
Ref=	2/2001
Cum=	4183
Rem=	40451
EUR=	44634
Yrs=	12.663
Qref=	46.8
De=	53.978283
b=	1.010000
Qab=	3.0
KAA_GAS_DAY	
Qual=	CD
Ref=	2/2001
Cum=	7558
Rem=	211278
EUR=	218836
Yrs=	18.079
Qref=	109.1
De=	28.210000
b=	0.990000
Qab=	13.3
KAA_WATER_DAY	
Qual=	CD
Ref=	2/2001
Cum=	18590
Rem=	664658
EUR=	683248
Yrs=	48.000
Qref=	203.2
De=	10.510000
b=	0.000000
Qab=	1.0
KAA_GOR	
Qual=	CD
Ref=	2/2001
Cum=	0
Rem=	0
EUR=	0
Yrs=	12.663
Qref=	2.3
De=	0.000000
b=	0.000000
Qab=	0.0

Ja:as Ranch Unit #27
Los Medanos (Delaware)

Date: 03/13/2001
Time: 16:03:17
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

	INPUT DATA							INITIAL CALCULATED DATA				
ITEM NAME	Scheduling Rates			Schedule Until		Procedure		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	11/2000 1871 852 1460 #							4.183	1/2001			
401 GAS	11/2000 2066 2099 3393 #							7.558	1/2001			
402 WTR	11/2000 8994 3130 6466 #							18.590	1/2001			
403 START	02/2001											
404 OIL	1424.51	X	B/M	40.45	IMU	B/1.010	53.98	40.451	9/2013	69.2	1425.	91.
405 START	02/2001											
406 GAS	3318.31	X	M/M	03/2018	AD	B/0.990	28.21	206.297	2/2018	32.4	3318.	426.
407 "	425.83	X	M/M	4.98	IMU	EXP	5.00	211.278	2/2019	5.0	426.	405.
408 START	02/2001											
409 WTR	6180.70	X	B/M	664.66	IMU	EXP	10.51	664.658	12/2048	10.5	6181.	30.
410 START	11/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		9/2013		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		9/2013		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		9/2013		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		9/2013		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		10/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		10/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	27.60	X	$/B	1/2002	AD	PC	0.00		12/2001		27.600	27.600
519 "	23.88	X	$/B	1/2003	AD	PC	0.00		12/2002		23.880	23.880
520 "	22.10	X	$/B	01/2004	AD	PC	0.00		12/2003		22.100	22.100
521 "	21.40	X	$/B	01/2005	AD	PC	0.00		12/2004		21.400	21.400
522 "	21.20	X	$/B	06/2005	AD	PC	0.00		5/2005		21.200	21.200
523 "	21.20	X	$/B	03/2006	AD	PC	0.00		2/2006		21.200	21.200
524 "	20.20	20.20	$/B	TO	LIFE	PC	0.00		2/2006		20.200	20.200
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		9/2013		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		9/2013		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		9/2013		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		10/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		10/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		10/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	6.63	X	$/M	01/2002	AD	PC	0.00		12/2001		6.630	6.630
534 "	5.02	X	$/M	01/2003	AD	PC	0.00		12/2002		5.020	5.020
535 "	4.37	X	$/M	01/2004	AD	PC	0.00		12/2003		4.370	4.370
536 "	3.85	X	$/M	01/2005	AD	PC	0.00		12/2004		3.850	3.850
537 "	3.82	X	$/M	01/2006	AD	PC	0.00		12/2005		3.820	3.820
538 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		12/2005		3.700	3.700
540 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24010.000
542 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24010.000

```
600 OPC/T     1600.00      X    $/M       TO      LIFE      PC        0.00              9/2013            1600.000   1600.000
601 OPC/WTR      0.08    0.08 $/U       TO      LIFE      PC        0.00             10/2000               0.080      0.080

602 ATX          0.17      X    %         TO      LIFE      PC        0.00              9/2013               0.002      0.002

602 OPC/T        0.00      X    $/M       TO      LIFE      PC        0.00              9/2013                       1600.000

603 STX/OIL      7.08      X    %         TO      LIFE      PC        0.00              9/2013               0.071      0.071

604 ATX          0.00      X    %         TO      LIFE      PC        0.00              9/2013                          0.002

604 STX/GAS      7.93      X    %         TO      LIFE      PC        0.00              9/2013               0.079      0.079

605 STX/OIL      0.00      X    %         TO      LIFE      PC        0.00              9/2013                          0.071
606 STX/GAS      0.00      X    %         TO      LIFE      PC        0.00              9/2013                          0.079

705 LSE/WI     100.0000    D    %         TO      LIFE      FLAT      0.00              9/2013               1.000      1.000

720 NET/OIL     86.5000    D    %         TO      LIFE      FLAT      0.00              9/2013               0.865      0.865
740 NET/GAS     86.5000    D    %         TO      LIFE      FLAT      0.00              9/2013               0.865      0.865

780 LSE/NPI      0.0000    D    %         TO      LIFE      FLAT      0.00              9/2013

OVERLAYS      Scheduling Rates          Schdule Until     Procedure         Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    --------------    ---------------   ---------- ------- ---------  ----------  ----------
900 OIL     11/2000 1871 852 1460 #                                            4.183  1/2001

901 GAS     11/2000 2066 2099 3393 #                                           7.558  1/2001

902 WTR     11/2000 8994 3130 6466 #                                          18.590  1/2001

INVESTMENT    Tangibles & Intangibles   Time              Procedure         Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    --------------    ---------------   ---------- ------- ---------  ----------  ----------
800 DRILL      182.90    731.70 M$G     11/2000 AD        PC        0.00      914.600 11/2000      0         914.6       914.6
801 SALV       -33.00      0.00 M$G     TO      LIFE      PC        0.00      -33.000  9/2013      0         -33.0       -33.0

MISC. PARAMETERS          Item                       Item
----------------------    ------------------         ------------------   --------------  --------------  --------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 11/2000  Time Frames :  2,48*12,622
P.W. Date   : 11/2000  Primary PW% :  10.0         Discount Freq.  :  MO
Report Date : 11/2000
Qualifiers  :   Prod = CD             Price = CD            Cost   = CD          Owner   = CD
               Title = DEFAULT        Misc  = CD            Invest = CD          Overlay = CD
NET/WTR           WI
```

James Ranch Unit #27
Los Medanos (Delaware)

DATE : 03/13/2001
TIME : 16:03:17
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 11/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	12.9 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.501	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	914.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.6	-33.0	881.6
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	881.6	881.6
OIL PHASE													
8) GROSS OIL, MB	2.7	12.1	6.5	4.5	3.4	2.8	2.3	2.0	1.8	1.6	39.8	0.6	40.5
9) NET OIL, MB	2.4	10.5	5.7	3.9	3.0	2.4	2.0	1.8	1.5	1.4	34.5	0.5	35.0
10) OIL REVENUE, M$	69.1	279.2	129.8	82.6	61.0	49.0	39.5	33.8	29.7	26.5	800.2	10.4	810.6
11) OIL PRICE, $/B	29.34	26.69	22.97	21.19	20.49	20.29	19.47	19.29	19.29	19.29	23.23	19.29	23.17
GAS PHASE													
12) GROSS GAS, MMF	4.2	34.6	25.7	20.5	17.0	14.5	12.7	11.3	10.1	9.2	159.8	27.9	187.7
13) NET GAS, MMF	3.6	29.9	22.2	17.7	14.7	12.6	11.0	9.8	8.8	8.0	138.2	24.2	162.4
14) GAS REVENUE, M$	13.5	194.4	108.8	75.1	54.7	46.4	39.2	34.8	31.3	28.4	626.6	86.2	712.8
15) GAS PRICE, $/MCF	3.750	6.500	4.890	4.240	3.720	3.690	3.570	3.570	3.570	3.570	4.534	3.570	4.390
WTR PHASE													
28) GROSS WTR MB	12.1	71.1	63.4	56.7	50.8	45.4	40.7	36.4	32.6	29.1	438.4	83.0	521.4
29) NET WTR, MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	521.4	521.4
30) WTR REVENUE, M$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31) WTR PRICE, $/T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ECONOMICS, M$													
32) GROSS REV. TO INTR.	82.6	473.6	238.6	157.6	115.8	95.4	78.7	68.6	61.0	54.9	1426.8	96.6	1523.4
33) - SEV. TAX	6.0	35.2	17.8	11.8	8.7	7.1	5.9	5.2	4.6	4.1	106.3	7.6	113.9
34) - AD VALOREM TAX	0.1	0.7	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.1	2.2	0.2	2.4
35) - OPERATING COSTS	4.2	24.9	24.3	23.7	23.3	22.8	22.5	22.1	21.8	21.5	211.1	78.6	289.7
36) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40) = NET INCOME	72.4	412.8	196.1	121.9	83.7	65.3	50.2	41.2	34.5	29.2	1107.1	10.3	1117.4
41) - INVESTMENTS & RSK	914.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.6	-33.0	881.6
42) = BFIT NET	-842.2	412.8	196.1	121.9	83.7	65.3	50.2	41.2	34.5	29.2	192.5	43.3	235.8
PRESENT WORTH @ 10.00 %													
43) NET INCOME	71.9	389.5	167.9	94.8	59.1	41.9	29.3	21.9	16.7	12.8	905.7	4.5	910.2
44) INVESTMENTS & RISK	914.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.6	-9.7	904.9

45) BFIT NET	-842.7	389.5	167.9	94.8	59.1	41.9	29.3	21.9	16.7	12.8	-8.9	14.2	5.3
46) CUM BFIT NET	-842.7	-453.2	-285.3	-190.6	-131.4	-89.5	-60.2	-38.3	-21.7	-8.9	-8.9	5.3	5.3

James Ranch Unit #27
Los Medanos (Delaware)

DATE : 03/13/2001
TIME : 16:03:17
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 11/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	12.9 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	731.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	731.7	0.0	731.7
3) DEPRECIABLE	182.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182.9	-33.0	149.9
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	82.6	473.6	238.6	157.6	115.8	95.4	78.7	68.6	61.0	54.9	1426.8	96.6	1523.4
5) - SEVERANCE TAX	6.0	35.2	17.8	11.8	8.7	7.1	5.9	5.2	4.6	4.1	106.3	7.6	113.9
6) - OPR. COSTS & ATX	4.3	25.6	24.6	24.0	23.4	23.0	22.6	22.2	21.9	21.6	213.3	78.8	292.1
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	54.9	38.4	26.9	18.8	13.2	9.2	6.5	4.5	3.2	2.2	177.7	5.2	182.9
12) = NET	17.5	374.4	169.2	103.0	70.5	56.0	43.8	36.7	31.4	27.0	929.4	5.1	934.5
13) - DEPLETION TAKEN	49.3	218.8	118.2	81.5	62.3	50.5	42.4	36.6	32.2	28.8	720.4	11.3	731.7
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-31.8	155.6	51.0	21.6	8.2	5.6	1.4	0.1	-0.9	-1.8	209.0	-6.2	202.8
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	-10.8	52.9	17.4	7.3	2.8	1.9	0.5	0.0	-0.3	-0.6	71.0	-2.1	69.0
19) REVENUE-SEV	76.7	438.4	220.7	145.8	107.1	88.2	72.8	63.4	56.4	50.8	1320.5	89.1	1409.5
20) - OPR. COSTS & ATX	4.3	25.6	24.6	24.0	23.4	23.0	22.6	22.2	21.9	21.6	213.3	78.8	292.1
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-10.8	52.9	17.4	7.3	2.8	1.9	0.5	0.0	-0.3	-0.6	71.0	-2.1	69.0
24) = A.F.I.T.	83.2	359.9	178.7	114.5	80.9	63.4	49.8	41.2	34.8	29.8	1036.1	12.4	1048.5
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	83.2	359.9	178.7	114.5	80.9	63.4	49.8	41.2	34.8	29.8	1036.1	12.4	1048.5
28) - INVESTMENTS & RSK	914.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.6	-33.0	881.6
29) = A.F.I.T. NET	-831.4	359.9	178.7	114.5	80.9	63.4	49.8	41.2	34.8	29.8	121.5	45.4	166.9
PRESENT WORTH @ 10.00 %													
30) NET INCOME	82.5	337.7	152.5	88.8	57.0	40.6	29.0	21.8	16.8	13.0	839.8	5.0	844.8
31) INVESTMENTS & RISK	914.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.6	-9.7	904.9
32) A.F.I.T. NET	-832.1	337.7	152.5	88.8	57.0	40.6	29.0	21.8	16.8	13.0	-74.8	14.7	-60.1
33) CUM. A.F.I.T. NET	-832.1	-494.4	-341.9	-253.1	-196.1	-155.5	-126.4	-104.6	-87.9	-74.8	-74.8	-60.1	-60.1

James Ranch Unit #27
Los Medanos (Delaware)

DATE : 03/13/2001
TIME : 16:03:17
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 11/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	235.806	166.852	252.806
5.	103.635	36.374	51.778
10.	5.299	-60.120	-81.840
15.	-70.669	-134.303	-176.821
20.	-131.186	-193.168	-247.850
25.	-180.620	-241.106	-303.090
30.	-221.847	-280.989	-347.399
35.	-256.826	-314.766	-383.832
40.	-286.938	-343.802	-414.397
50.	-336.291	-391.324	-463.023
60.	-375.232	-428.778	-500.208
70.	-406.895	-459.217	-529.743
80.	-433.252	-484.554	-553.885
90.	-455.606	-506.047	-574.065
100.	-474.858	-524.564	-591.237
RATE OF RETURN, PCT.	10.3	6.9	
UNDISCOUNTED PAYOUT, YRS.	4.59	5.85	
DISCOUNTED PAYOUT, YRS.	12.47	12.92	
UNDISCOUNTED NET/INVEST.	1.27	1.19	
DISCOUNTED NET/INVEST.	1.01	0.93	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT # 79 **FORMATION** BONE SPRING

LOCATION ______ **UNIT,** 330 **FEET FROM** NORTH **LINE &** 990 **FEET FROM** EAST **LINE**

SECTION 6 **TOWNSHIP** 23S **RANGE** 31E **COUNTY** EDDY **NEW MEXICO**

SPUD DATE 6/11/00 **COMPLETION DATE** 7/18/00 **INITIAL PRODUCTION** 7/31/00

PERFORATIONS 11,072-11076'

STIMULATION:

ACID ______

FRACTURE 97,000 gals Viking 35 + 248,000# 20/40 SB Excel

POTENTIAL (F) 96 BO, 267 MCF, 22 BW

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	12.7%			
Water Saturation (Sw), %	61%			
Net Thickness (h), ft.	24.5			
Temperature (T), Fahrenheit	160			
Bottom Hole Pressure (P), psia	6600			
Recovery Factor (RF), %	15%			
Recoverable Oil, Bbls * (See eq. Below)	37,657			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF) boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	1/31/01	2364	BBLS
		PRODUCING	
INITIAL RATE (qi)		754	
ECONOMIC LIMIT (ql)		91	
DECLINE RATE, dy (Hyperbolic, n=1.01)		56.6	
REMAINING OIL (Q)=		29036	
ULTIMATE RECOVERABLE OIL		31400	

(Attach plat showing pro-ration unit and participating area.)

ECONOMIC

WELL COST	$940,800	(to the depth of formation completed)
RECOMPLETION COST		
TOTAL COST	$940,800	

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax & Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				(940,800)
1	2,400	76,500	16,200	60,300
2	6,200	245,200	37,800	188,500
3	4,200	147,700	30,500	97,200
4	3,000	99,900	26,800	55,100
5	2,400	74,500	24,900	34,000
6	2,000	61,800	23,900	23,600
7	1,700	51,200	23,100	15,900
8	1,400	44,800	22,600	11,400
9	1,300	39,900	22,200	8,300
10	1,100	36,000	21,900	6,000
REMAINDER	5,800	187,200	150,300	19,100
TOTAL	31,500	$1,064,700	$400,200	($421,400)

WELL IS NOT COMMERCIAL

WELL HISTORY

WELL NAME: James Ranch Unit #79

FIELD NAME: Los Medanos (Wolfcamp, Bone Spring, Delaware)

LOCATION: 330' FNL & 990' FEL, Sec 6, T23S, R30E, Eddy County, New Mexico

ELEV: 3326' GL, 3342' KB

SPUD DATE: 6/11/2000, RR 7/4/2000

COMP DATE: 7/18/2000

ORIG TD: 11,470'

ORIG PBTD: 11,389'

CASING: 11 ¾" 42# WC40 702' w/385 sx, cmt circ, 14 ¾" hole.
8 5/8" 32#,WC50,& 28# WC50, CSA 4017' w/1050 sx, cmt circ, 11' hole.
5 ½ 15.5 20# P110, CSA 11,470' 1ST STAGE 930 SX DV TOOL 6877, 2ND STAGE 950 SXS, TOC 4100'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

DST: None

CORES & LOGS: GR-CN-LDT-AIT(PLATFORM EXPRESS)

INITIAL COMPLETION

6/11/2000 TO 7/4/2000 **INITIAL COMPLETION**

TD 11,470', PBTD 11,389'.Ran logs.

7/14/00 TO 11/6/00

Perf: 11,240-46' WOLFCAMP 3 SPF 18 HOLES, 11,072-76' BONE SPRINGS 3 SPF 12 SHOTS. **Frac** w/ 97,300 gal Viking 35 + 248,000# 20/40 SB Excel. Air Locked Blender 70 bbls on flush. SI 2200 psi. Set CIBP @ 10,990', Drld out CIBP. RIH to displace w/ BW, still gas cut. Displace w/ 11.5# mud, circ, unload and test perfs. 8/8/2000 Bone Spring 41 BO 115 mcf, Wolfcamp 96 BO 267 MCF, flowing. Set CIBP 8500'.

Perf: **7660-70 (20 holes)**. Pmp 500 gal 15% NEFE HCL, **Frac** w/ 64,100 gal Viking 30 136,340# 16/30 Brady, 60,500# CR4000. Set RBP @ 4500', perf 4101-02, perf 4017-18' 4 holes, spot & squeeze 50 sx Cl C neat 4101-02 & 4017-18',

DO cement, press tst to 500 psi. Observed slow leak off
Spot & squeeze 75 sx Cl C neat, Drld out, held 500 psi. POH w/ RBP, RIH w/ tbg, place on pmp. 11/6/00 97 BO 148 BW 140 MCF.

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02887-A

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr.,
Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. James Ranch Unit

2. Name of Operator
Bass Enterprises Production Co.

8. Lease Name and Well No. James Ranch Unit #79

3. Address
P.O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code) (915) 683-2277

9. API Well No. 30-015-31056

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 330' FNL & 990' FEL, Lot 1

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory Los Medanos, South

11. Sec., T., R., M., or Block and Survey or Area Section 6, T23S-R31E

12. County or Parish Eddy

13. State New Mexico

14. Date Spudded 6/11/00

15. Date T.D. Reached 7/3/00

16. Date Completed [ ] D & A [X] Ready to Prod. 7/28/00

17. Elevations (DF, RKB, RT, GL)* 3326' GL; 3343' RF; 3345' KB

18. Total Depth: MD 11,470 TVD

19. Plug Back T.D.: MD 8472' TVD

20. Depth Bridge Plug Set: MD 8500' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
AI-GR-PE, TDD-CN-PE

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#	0	702'	- - -	385 Class C	- - -	Surface	- - -
11"	8-5/8"	28#/32#	0	4017'	- - -	1050 Poz C	- - -	Surface	- - -
7-7/8"	5-1/2"	20#	0	11,470'	- - -	1880 Super H	- - -	4100' TS	- - -

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7470'	7470' SN						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Delaware	7610'	7750'	Delaware 7660-70'	.4	20	Producing
B)	Bone Spring	11,062'	11,083'	Bone Spring 11,072-76'	.4	12	CIBP @ 8500'
C)	Wolfcamp	11,228'	11,264'	Wolfcamp 11,240-46'	.4	18	CIBP @ 8500'
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11,072-76', 11,240-46'	Frac w/97,300 gals Viking-35 + 248,000# 20/40 SB Excel
7660-70'	Frac w/64,100 gals Viking 30 + 136,340# 16/30 Brady + 60,500# CR-4000
4017-18', 4101-02'	Perfs to raise TOC; Squeezed w/ 50 sx Class C Neat

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
10/22/00	11/2/00	24	→	116	135	145	40.9		Pumping
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
14/64"	200	45	→	116	135	145	1164	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
7/31/00	8/8/00	24	→	96	267	22	44.2		Flowing
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
12/64"	1400	1600	→	96	267	22	2781	CIBP @ 8500'	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31056	10295 96336	Los Medanos (Bone Spring) (Wolfcamp)

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	79

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3326'

Surface Location

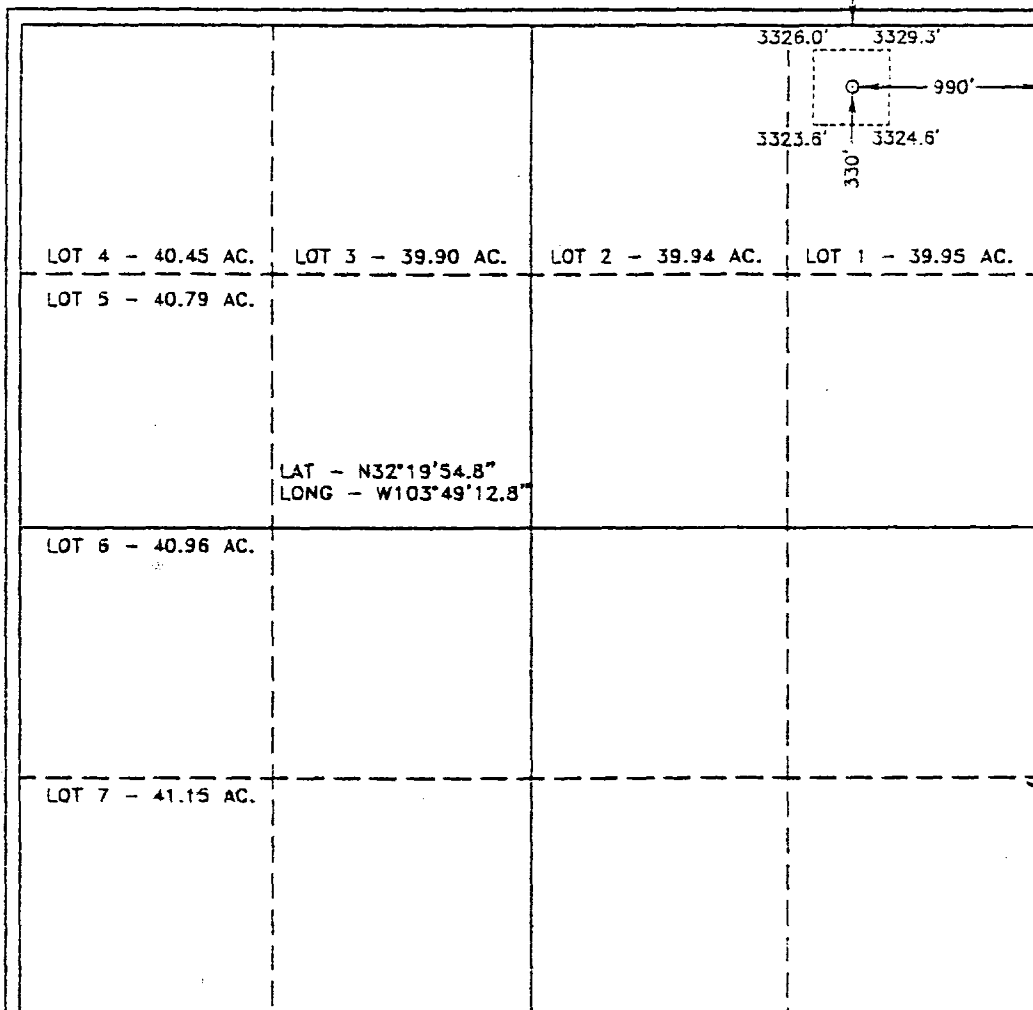
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	6	23 S	31 E		330	NORTH	990	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature
Tami Wilber
Printed Name
Production Clerk
Title
9/14/00
Date

SURVEYOR CERTIFICATION

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 belief.

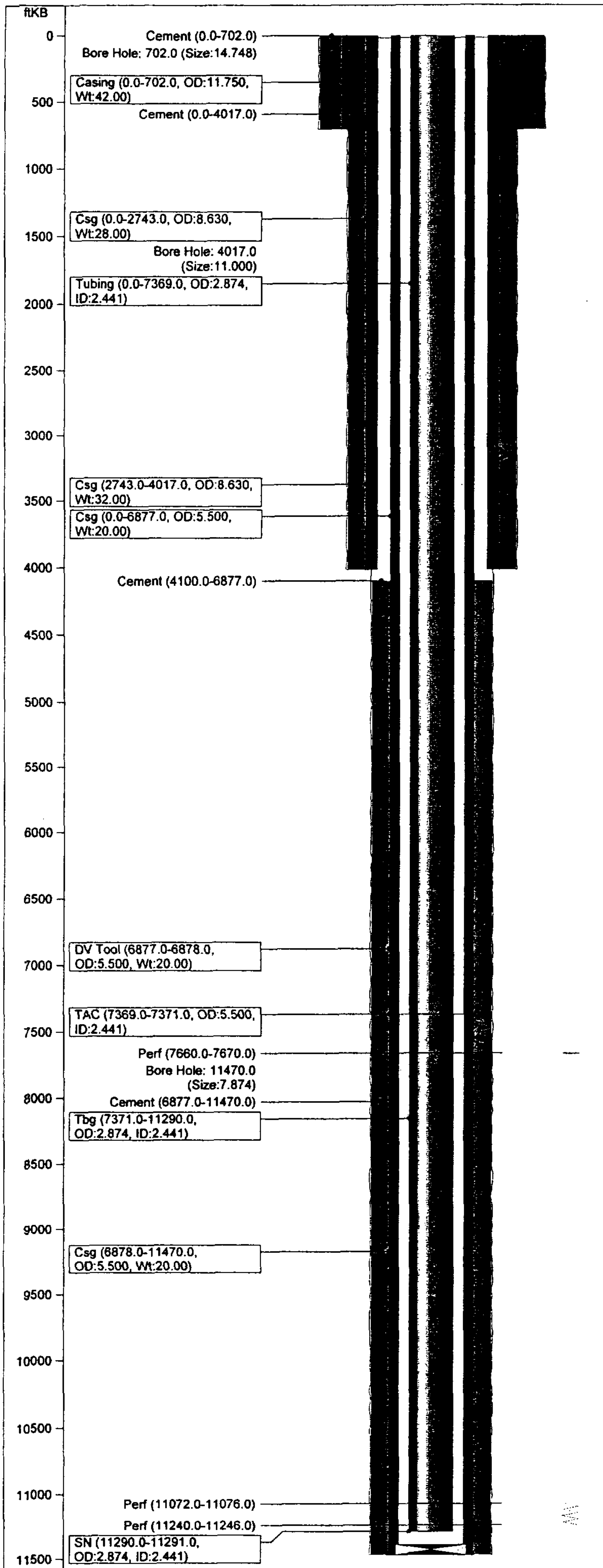
March 25, 2000
Date Surveyed
Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
PROFESSIONAL LAND SURVEYOR

W.O. No. 0114J

Certificate No. Gary L. Jones 7977

BASIN SURVEYS



JAMES RANCH UNIT #79

API No.	3001531056	Comments	
TD	11470.0 ftKB	Status	ACT OIL
PBTD	11389.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	79	Spud	6/11/2000
ID Code		RR	7/4/2000
Field	LOS MEDANOS (WOLFCAMP) SOUTH	Completion	7/18/2000
Author	CDP	Last Act.	
Date Updated	10/23/2000	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	31E	Top NS Distance	330.0 ft N
		Top EW Distance	990.0 ft E
Section	6	Bottom Latitude	0
Unit Ltr.	LOT 1	Bottom Longitude	0
State	EDDY	Btm NS Distance	0.0 ft
County	NEW MEXICO	Btm EW Distance	0.0 ft

Elevations

KB	3342.0 ft	Cas Flng	0.0 ft
Grd	3326.0 ft	Tub Head	0.0 ft
KB-Grd	16.0 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	6/12/2000	0.0	702.0	17	11.750	11.080	42.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	6/18/2000	0.0	2743.0	63	8.630	8.020	28.00	WC50	LTC
Csg	6/18/2000	2743.0	4017.0	30	8.630	7.920	32.00	WC50	STC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/3/2000	0.0	6877.0	154	5.500	4.780	20.00	P110	LTC
DV Tool	7/3/2000	6877.0	6878.0		5.500	4.780	20.00		
Csg	7/3/2000	6878.0	11470.0	104	5.500	4.780	20.00	P110	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	6/12/2000	0.0	702.0	385	
Intermediate Casing	6/18/2000	0.0	4017.0	1050	
Production Casing	7/3/2000	4100.0	6877.0	950	TOC by TS
Production Casing	7/3/2000	6877.0	11470.0	930	

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tubing	2/10/2001	0.0	7369.0	235	2.874	2.441	6.50	N80	EUE
TAC	2/10/2001	7369.0	7371.0		5.500	2.441	0.00		
Tbg	2/10/2001	7371.0	11290.0	125	2.874	2.441	6.50	N80	EUE
SN	2/10/2001	11290.0	11291.0		2.874	2.441	0.00		

Other (plugs, equip., etc.) - Plug Back

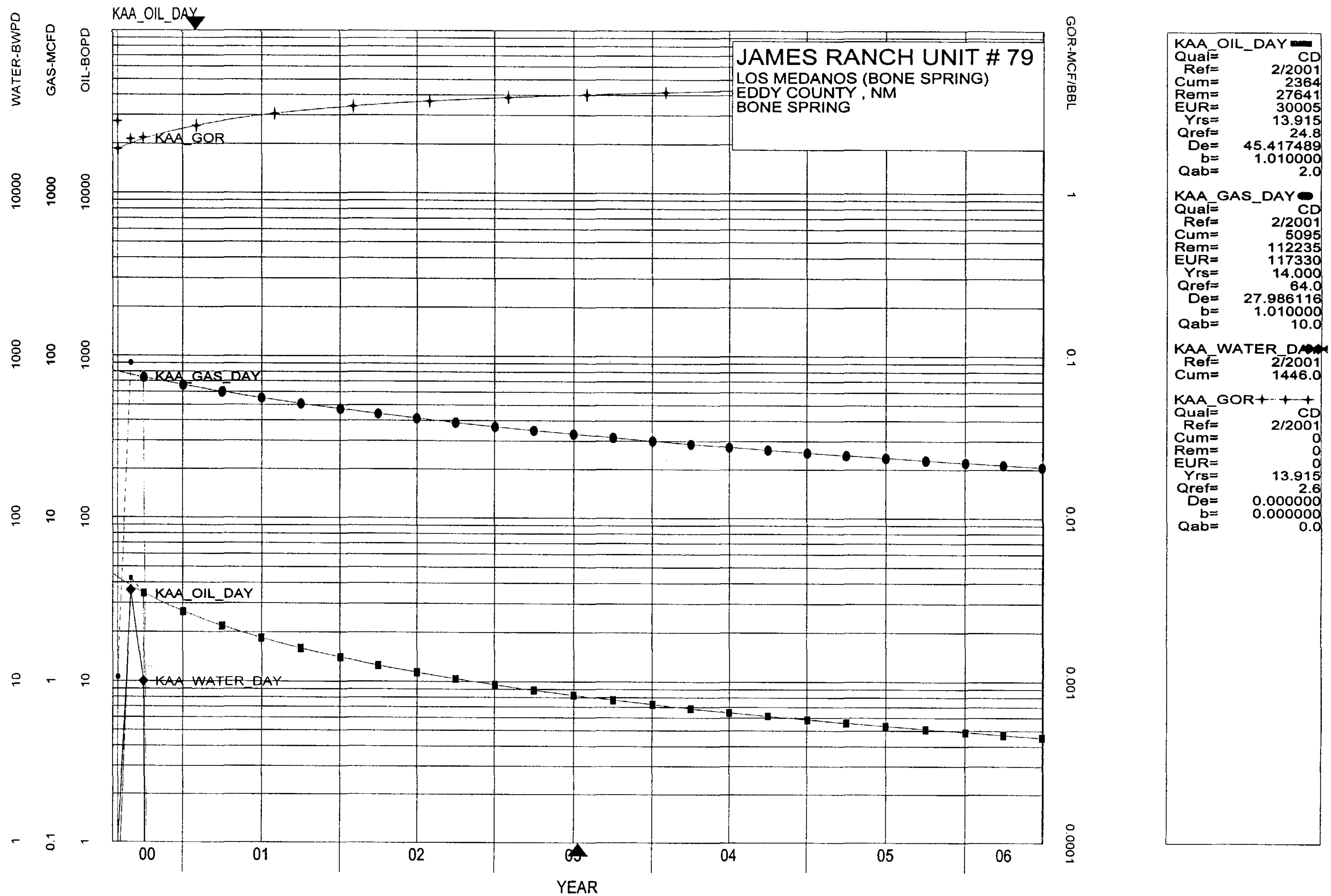
Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
7/3/2000	Cement Plug	11389.0	11470.0	4.780	0.000

Perforations

Date	Int	Holes	Status
7/14/2000	11072.0 - 11076.0	12.0	Open
7/14/2000	11240.0 - 11246.0	18.0	Open
9/26/2000	7660.0 - 7670.0	20.0	Open

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
7/18/2000	Sd Frac	11072.0 - 11246.0	97,300 Gal Viking 35	248,000# 20/40 SB Excel
9/28/2000	Sd Frac	7660.0 - 7670.0	64,100 Gal Viking 30	136,340# 16/30 Brady 60,500# CR4000



JAMES RANCH UNIT # 79
LOS MEDANOS (BONE SPRING)
EDDY COUNTY , NM
BONE SPRING
KAA_OIL_DAY
KAA_GOR
KAA_GAS_DAY
KAA_OIL_DAY
KAA_WATER_DAY
WATER-BWPD
GAS-MCFD
OIL-BOPD
GOR-MCF/BBL
YEAR
00
01
02
03
04
05
06
KAA_OIL_DAY
Qual= CD
Ref= 2/2001
Cum= 2364
Rem= 27641
EUR= 30005
Yrs= 13.915
Qref= 24.8
De= 45.417489
b= 1.010000
Qab= 2.0
KAA_GAS_DAY
Qual= CD
Ref= 2/2001
Cum= 5095
Rem= 112235
EUR= 117330
Yrs= 14.000
Qref= 64.0
De= 27.986116
b= 1.010000
Qab= 10.0
KAA_WATER_DAY
Ref= 2/2001
Cum= 1446.0
KAA_GOR
Qual= CD
Ref= 2/2001
Cum= 0
Rem= 0
EUR= 0
Yrs= 13.915
Qref= 2.6
De= 0.000000
b= 0.000000
Qab= 0.0

James Ranch Unit #79
Los Medanos (Bone Spring)

Date: 03/13/2001
Time: 16:01:50
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM	NAME	Scheduling Rates			Schedule Until		Procedure		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
		INPUT DATA							INITIAL CALCULATED DATA				
400	OIL	07/2000 12 1320 1032 0 0 0 0 #							2.364	1/2001			
401	GAS	07/2000 33 2816 2246 0 0 0 0 #							5.095	1/2001			
402	WTR	07/2000 30 1115 301 0 0 0 0 #							1.446	1/2001			
403	START	02/2001											
404	OIL	754.28	X	B/M	03/2019	AD	B/1.010	45.42	30.344	2/2019	56.6	754.	48.
405	"	47.72	X	B/M	4.13	IMU	EXP	5.00	34.472	2/2028	5.0	48.	30.
406	START	02/2001											
407	GAS	1945.75	X	M/M	11/2017	AD	B/1.010	27.99	121.544	10/2017	32.2	1946.	262.
408	"	261.69	X	M/M	54.18	IMU	EXP	5.00	175.726	1/2060	5.0	262.	30.
409	START	07/2000											
511	PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		2/2028		16.880	
512	"	18.39	X	$/B	1/96	AD	PC	0.00		2/2028		18.390	
513	"	22.26	X	$/B	1/97	AD	PC	0.00		2/2028		22.260	
514	"	20.74	X	$/B	1/98	AD	PC	0.00		2/2028		20.740	
515	"	14.43	X	$/B	1/99	AD	PC	0.00		6/2000		14.430	
516	"	19.25	X	$/B	1/2000	AD	PC	0.00		6/2000		19.250	
517	"	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518	"	27.60	X	$/B	1/2002	AD	PC	0.00		12/2001		27.600	27.600
519	"	23.88	X	$/B	1/2003	AD	PC	0.00		12/2002		23.880	23.880
520	"	22.10	X	$/B	01/2004	AD	PC	0.00		12/2003		22.100	22.100
521	"	21.40	X	$/B	01/2005	AD	PC	0.00		12/2004		21.400	21.400
522	"	21.20	X	$/B	06/2005	AD	PC	0.00		5/2005		21.200	21.200
523	"	21.20	X	$/B	03/2006	AD	PC	0.00		2/2006		21.200	21.200
524	"	20.20	20.20	$/B	TO	LIFE	PC	0.00		2/2006		20.200	20.200
526	PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		2/2028		1.890	
527	"	1.94	X	$/M	1/96	AD	PC	0.00		2/2028		1.940	
528	"	2.61	X	$/M	1/97	AD	PC	0.00		2/2028		2.610	
529	"	2.59	X	$/M	1/98	AD	PC	0.00		6/2000		2.590	
530	"	2.11	X	$/M	1/99	AD	PC	0.00		6/2000		2.110	
531	"	2.27	X	$/M	1/2000	AD	PC	0.00		6/2000		2.270	
532	"	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533	"	6.63	X	$/M	01/2002	AD	PC	0.00		12/2001		6.630	6.630
534	"	5.02	X	$/M	01/2003	AD	PC	0.00		12/2002		5.020	5.020
535	"	4.37	X	$/M	01/2004	AD	PC	0.00		12/2003		4.370	4.370
536	"	3.85	X	$/M	01/2005	AD	PC	0.00		12/2004		3.850	3.850
537	"	3.82	X	$/M	01/2006	AD	PC	0.00		12/2005		3.820	3.820
538	"	3.70	3.70	$/M	TO	LIFE	PC	0.00		12/2005		3.700	3.700
540	PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24006.000
542	PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24006.000
600	OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		2/2028		1600.000	1600.000
601	OPC/WTR	0.08	0.08	$/U	TO	LIFE	PC	0.00		6/2000		0.080	0.080

```
602 ATX          0.17     X    %          TO       LIFE      PC       0.00                2/2028                    0.002        0.002

602 OPC/T        0.00     X    $/M        TO       LIFE      PC       0.00                2/2028                              1600.000

603 STX/OIL      7.08     X    %          TO       LIFE      PC       0.00                2/2028                    0.071        0.071

604 ATX          0.00     X    %          TO       LIFE      PC       0.00                2/2028                                 0.002

604 STX/GAS      7.93     X    %          TO       LIFE      PC       0.00                2/2028                    0.079        0.079

605 STX/OIL      0.00     X    %          TO       LIFE      PC       0.00                2/2028                                 0.071
606 STX/GAS      0.00     X    %          TO       LIFE      PC       0.00                2/2028                                 0.079

705 LSE/WI   100.0000     D    %          TO       LIFE      FLAT     0.00                2/2028                    1.000        1.000

720 NET/OIL   86.5000     D    %          TO       LIFE      FLAT     0.00                2/2028                    0.865        0.865
740 NET/GAS   86.5000     D    %          TO       LIFE      FLAT     0.00                2/2028                    0.865        0.865

780 LSE/NPI    0.0000     D    %          TO       LIFE      FLAT     0.00                2/2028

OVERLAYS      Scheduling Rates         Schdule Until     Procedure        Ultimate   Last    Eff. Decl  Init. Rate  Final Rate
----------    ----------------------   -------------     --------------   ---------- ------- ---------  ----------  ----------
900 OIL     07/2000 12 1320 1032 0 0 0 0 #                                    2.364  1/2001

901 GAS     07/2000 33 2816 2246 0 0 0 0 #                                    5.095  1/2001

902 WTR     07/2000 30 1115 301 0 0 0 0 #                                     1.446  1/2001

INVESTMENT    Tangibles & Intangibles    Time             Procedure         Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    -----------------------    -------------    --------------    ---------- ------- ---------  ----------  ----------
800 DRILL      188.20    752.60 M$G      07/2000 AD        PC        0.00    940.800  7/2000       0        940.8       940.8
801 SALV       -33.00      0.00 M$G      TO       LIFE     PC        0.00    -33.000  2/2028       0        -33.0       -33.0

MISC. PARAMETERS           Item                     Item
----------------------     ------------------       ------------------    ---------------  ---------------  ---------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 07/2000  Time Frames :  6,48*12,618
P.W. Date   : 07/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 07/2000
Qualifiers  :   Prod = CD             Price = CD            Cost   = CD          Owner   = CD
               Title = DEFAULT        Misc  = CD            Invest = CD          Overlay = CD
NET/WTR           WI
```

James Ranch Unit #79
Los Medanos (Bone Spring)

DATE : 03/13/2001
TIME : 16:01:50
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 07/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	16.6 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	940.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	940.8	-33.0	907.8
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	907.8	907.8
OIL PHASE													
8) GROSS OIL, MB	2.4	6.2	4.2	3.0	2.4	2.0	1.7	1.4	1.3	1.1	25.6	5.8	31.4
9) NET OIL, MB	2.0	5.3	3.6	2.6	2.1	1.7	1.4	1.2	1.1	1.0	22.1	5.1	27.2
10) OIL REVENUE, M$	60.0	142.3	83.6	55.6	42.1	34.2	27.9	24.0	21.3	19.1	510.0	97.4	607.4
11) OIL PRICE, $/B	29.34	26.69	22.97	21.19	20.49	20.29	19.47	19.29	19.29	19.29	23.03	19.29	22.33
GAS PHASE													
12) GROSS GAS, MMF	5.1	18.3	15.1	12.1	10.1	8.6	7.6	6.7	6.0	5.5	95.2	29.1	124.2
13) NET GAS, MMF	4.4	15.8	13.1	10.5	8.7	7.5	6.5	5.8	5.2	4.8	82.3	25.1	107.5
14) GAS REVENUE, M$	16.5	102.9	64.0	44.3	32.4	27.6	23.3	20.7	18.7	17.0	367.5	89.8	457.3
15) GAS PRICE, $/MCF	3.750	6.500	4.890	4.240	3.720	3.690	3.570	3.570	3.570	3.570	4.465	3.570	4.256
WTR PHASE													
28) GROSS WTR MB	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4
29) NET WTR, MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30) WTR REVENUE, M$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31) WTR PRICE, $/T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ECONOMICS, M$													
32) GROSS REV. TO INTR.	76.5	245.2	147.7	99.9	74.5	61.8	51.2	44.8	39.9	36.0	877.5	187.2	1064.7
33) - SEV. TAX	5.6	18.2	11.0	7.5	5.5	4.6	3.8	3.3	3.0	2.7	65.3	14.0	79.3
34) - AD VALOREM TAX	0.1	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.4	0.3	1.7
35) - OPERATING COSTS	9.7	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	182.5	136.0	318.5
36) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40) = NET INCOME	61.1	207.4	117.2	73.1	49.6	37.9	28.1	22.2	17.7	14.1	628.4	36.9	665.3
41) - INVESTMENTS & RSK	940.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	940.8	-33.0	907.8
42) = BFIT NET	-879.7	207.4	117.2	73.1	49.6	37.9	28.1	22.2	17.7	14.1	-312.4	69.9	-242.5
PRESENT WORTH @ 10.00 %													
43) NET INCOME	60.3	188.5	97.2	55.1	34.0	23.6	15.9	11.4	8.3	6.0	500.1	12.3	512.4
44) INVESTMENTS & RISK	940.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	940.8	-6.8	934.0

45) BFIT NET	-880.5	188.5	97.2	55.1	34.0	23.6	15.9	11.4	8.3	6.0	-440.7	19.1	-421.5
46) CUM BFIT NET	-880.5	-692.0	-594.8	-539.8	-505.8	-482.2	-466.3	-454.9	-446.7	-440.7	-440.7	-421.5	-421.5

James Ranch Unit #79
Los Medanos (Bone Spring)

DATE : 03/13/2001
TIME : 16:01:50
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 07/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	16.6 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	752.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	752.6	0.0	752.6
3) DEPRECIABLE	188.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188.2	-33.0	155.2
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	76.5	245.2	147.7	99.9	74.5	61.8	51.2	44.8	39.9	36.0	877.5	187.2	1064.7
5) - SEVERANCE TAX	5.6	18.2	11.0	7.5	5.5	4.6	3.8	3.3	3.0	2.7	65.3	14.0	79.3
6) - OPR. COSTS & ATX	9.8	19.6	19.4	19.4	19.3	19.3	19.3	19.3	19.3	19.3	183.9	136.3	320.2
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	56.5	39.5	27.7	19.4	13.6	9.5	6.6	4.6	3.3	2.3	182.9	5.3	188.2
12) = NET	4.7	167.9	89.6	53.7	36.0	28.4	21.5	17.5	14.4	11.8	445.5	31.6	477.1
13) - DEPLETION TAKEN	56.6	147.6	100.7	72.6	56.8	46.7	39.6	34.5	30.5	27.3	612.8	139.8	752.6
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-51.9	20.3	-11.2	-18.8	-20.8	-18.3	-18.2	-17.0	-16.1	-15.5	-167.3	-108.2	-275.5
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	-17.7	6.9	-3.8	-6.4	-7.1	-6.2	-6.2	-5.8	-5.5	-5.3	-56.9	-36.8	-93.7
19) REVENUE-SEV	71.0	227.0	136.7	92.5	68.9	57.2	47.4	41.4	36.9	33.3	812.3	173.2	985.5
20) - OPR. COSTS & ATX	9.8	19.6	19.4	19.4	19.3	19.3	19.3	19.3	19.3	19.3	183.9	136.3	320.2
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-17.7	6.9	-3.8	-6.4	-7.1	-6.2	-6.2	-5.8	-5.5	-5.3	-56.9	-36.8	-93.7
24) = A.F.I.T.	78.8	200.5	121.0	79.5	56.6	44.1	34.3	27.9	23.1	19.4	685.3	73.7	759.0
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	78.8	200.5	121.0	79.5	56.6	44.1	34.3	27.9	23.1	19.4	685.3	73.7	759.0
28) - INVESTMENTS & RSK	940.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	940.8	-33.0	907.8
29) = A.F.I.T. NET	-862.0	200.5	121.0	79.5	56.6	44.1	34.3	27.9	23.1	19.4	-255.5	106.7	-148.8
PRESENT WORTH @ 10.00 %													
30) NET INCOME	76.9	182.3	100.0	59.7	38.7	27.4	19.4	14.3	10.8	8.2	537.7	23.0	560.8
31) INVESTMENTS & RISK	940.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	940.8	-6.8	934.0
32) A.F.I.T. NET	-863.9	182.3	100.0	59.7	38.7	27.4	19.4	14.3	10.8	8.2	-403.1	29.9	-373.2
33) CUM. A.F.I.T. NET	-863.9	-681.6	-581.6	-521.9	-483.2	-455.8	-436.4	-422.1	-411.3	-403.1	-403.1	-373.2	-373.2

James Ranch Unit #79
Los Medanos (Bone Spring)

DATE : 03/13/2001
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SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 07/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	-242.522	-148.844	-225.522
5.	-348.794	-283.619	-389.455
10.	-421.543	-373.200	-482.966
15.	-474.814	-437.056	-543.900
20.	-515.838	-485.121	-587.271
25.	-548.633	-522.839	-620.074
30.	-575.600	-553.399	-645.981
35.	-598.259	-578.780	-667.098
40.	-617.626	-600.274	-684.727
50.	-649.117	-634.877	-712.664
60.	-673.743	-661.678	-733.957
70.	-693.604	-683.159	-750.820
80.	-710.005	-700.823	-764.557
90.	-723.804	-715.644	-775.995
100.	-735.591	-728.283	-785.686
RATE OF RETURN, PCT.	0.0	0.0	
UNDISCOUNTED PAYOUT, YRS.	16.58	16.58	
DISCOUNTED PAYOUT, YRS.	16.58	16.58	
UNDISCOUNTED NET/INVEST.	0.73	0.84	
DISCOUNTED NET/INVEST.	0.55	0.60	

NOTES

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

May 9, 2001

EXPRESS MAIL/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico

Attention: Ms. Lori Wrotenberry

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

Attention: Ms. Jami Bailey

Re: Amended 2001 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, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits an Amended Plan of Development for the James Ranch Unit for the year 2001. This amendment is being filed specifically for the addition of the following proposed wells:

FUTURE DEVELOPMENT

James Ranch Unit Well No. 87 – This well will be drilled at a location being 250' FSL, 1,980' FWL, Section 6 T23S-R31E, Eddy County, New Mexico to a proposed depth of 11,250' to test the Wolfcamp Formation.

James Ranch Unit Well No. 89 – This well will be drilled at a location being 660' FSL, 660' FWL, Section 8, T23S-R31E, Eddy County, New Mexico to a proposed depth of 8,050' to test the Delaware Formation.

James Ranch Unit Well No. 75 – This well will be drilled at a location being 1,980' FSL, 1,980' FWL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 11,310' to test the Wolfcamp Formation.

EFFECTIVE DATE

This Plan of Development shall become effective on May 9, 2001.

If this Amended 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 the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 24 day of May, 2001.

BUREAU OF LAND MANAGEMENT

By: ______________________________

COMMISSIONER OF PUBLIC LANDS

By: ______________________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ______________________________

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

March 20, 2001

EXPRESS MAIl/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505

Attention: Mr. Steven Ross

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

Attention: Ms. Jami Bailey

Re: 2001 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, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 2001.

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.

2000 ACTIVITY

James Ranch Unit Well No. 32 - This well was drilled at a location being 760' FSL, 2000' FEL, Section 36, T22S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,459' – 7,464'.

James Ranch Unit Well No. 33 – This well was drilled at a location being 660' FNL, 1,813' FEL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,600' – 7,604'.

James Ranch Unit Well No. 34 – This well was drilled at a location being 660' FSL, 660' FEL, Section 36, T22S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,555' – 7,560'.

James Ranch Unit Well No. 35 – This well was drilled at a location being 660' FNL, 660' FEL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,338' – 7,530'.

James Ranch Unit Well No. 38 – This well was drilled at a location being 660' FEL, 1,950' FSL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,608 – 7,611'.

James Ranch Unit Well No. 67 – This well was drilled at a location being 1,874' FSL, 1,096' FWL, Section 36, T22S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,430' – 7,435'

James Ranch Unit Well No. 74 – This well was drilled at a location being 330' FNL, 430' FWL, Section 6, T23S-R31E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,532 – 7,537'.

James Ranch Unit Well No. 79 – This well was drilled at a location being 330' FNL, 990' FEL, Section 6, T23S-R31E, Eddy County, New Mexico. This well was completed in the Delaware, Bone Springs and Wolfcamp Formations as an oil well in various intervals.

James Ranch Unit Well No. 82 – This well was drilled at a location being 1,200' FSL, 760' FEL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,322' – 7,612'.

PARTICIPATING AREAS

Bass Enterprises Production Co. submitted commercial determinations for several wells along with an application for a participating area for the Delaware Formation and revisions to the Bone Springs Participating Area.

FUTURE DEVELOPMENT

James Ranch Unit Well No. 83 – This well will be drilled at a legal location being 2,080' FSL & 1,780' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a propose depth of 7,820' to test the Delaware Formation.

James Ranch Unit Well No. 84 This well will be drilled a legal location being 1,980' FNL, 760' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,820' to test the Delaware Formation.

James Ranch Unit Well No. 85 – This well will be drilled at a legal location being 2,180' FSL,350' FWL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 7,860' to test the Delaware Formation.

James Ranch Unit No. 62 and No. 81 - Bass filed APD's for these wells to be drilled in Section 1, T23S-R30E to the Delaware Formation. The APD's were denied due to potash restrictions and Bass has filed an APD appeal to the Interior Board of Land Appeals.

OFFSET OBLIGATIONS

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

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 become effective on January 1, 2001.

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 the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 28th day of March, 2001.

BUREAU OF LAND MANAGEMENT

By: ______________________

COMMISSIONER OF PUBLIC LANDS

By: ______________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ______________________

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 26, 2001

FEDERAL EXPRESS

Bureau of Land Management
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Well Determinations
James Ranch Unit Nos. 31, 32, 33, 34, 35, 38, 63, 66, 67 and 82
Eddy County, New Mexico

Gentlemen:

Please find attached hereto individual commercial well determination packages containing information for each of the above referenced wells in the James Ranch Unit. All of the wells are completed in the Delaware Formation as commercially productive producers. Also attached is one (1) copy of Bass' interoffice memorandum dated January 29, 2001, summarizing the information contained in each commercial determination package. In the event you agree that the above wells are commercial producers, please so indicate by signing in the space provided below and returning one (1) copy of this letter to the undersigned. Thank you very much and should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned at (817) 390-8671.

Very truly yours,

J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this ________________ day of __________, 2001

BUREAU OF LAND MANAGEMENT

By: ________________________________

COMMISSIONER OF PUBLIC LANDS

By: ________________________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ________________________________

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

January 29, 2001

FOR: FORT WORTH; FILE

TO: FRANK McCREIGHT

FROM: JOHN SMITHERMAN

RE: COMMERCIAL DETERMINATIONS
JAMES RANCH UNIT
EDDY COUNTY, NEW MEXICO
FILE: GF-982; CD_MEMO.DOC

LAND
RECEIVED

FEB 21 2001

WRS		JWB	✓	TCS	
DDC		HBF		WWC	
HCM		LJL		TL	
				SHS	

Commercial Determination (CD) forms have been prepared along with the required attachments for ten Delaware wells drilled in 2000 in the James Ranch Unit (JRU #31, #32, #33, #34, #35, #38, #63, #66, #67, #82). Each well has a CD form, a wellbore sketch, a production plot and forecast, a dedication plat, a completion report, and an Aries economic run. All wells evaluated are commercial.

A decline curve analysis was performed on each well to determine its estimated ultimate recovery. Economics were then calculated using the following assumptions. Actual received oil and gas prices were used through 2000. Projected oil and gas prices were modeled from the NYMEX West Texas Intermediate futures and Henry Hub Gas futures with appropriate offsets to reflect realized value at the lease. Expenses were held flat at \$1600/month along with a water disposal cost of \$0.08/bbl. Actual completed cost for each well was used in the economics.

Please advise if you have any questions or require additional information.

John Smitherman

kaa
KAA

WELL	ZONE	EUR (MBO)	EUR (MMCF)	BFIT ROR%	BFIT NPV 5%	BFIT Undisc PO (yrs)	Commercial (Y/N)
JRU #31	DELAWARE	71.3	124.3	100	772.8	1.1	Y
JRU #32	DELAWARE	29.5	90	40.6	235.1	2	Y
JRU #33	DELAWARE	76.9	75.9	100	670.8	0.9	Y
JRU #34	DELAWARE	40	74.9	38.1	234.2	2.2	Y
JRU #35	DELAWARE	70.7	80.8	100	763.6	1.2	Y
JRU #38	DELAWARE	82.6	65	100	712.2	1.1	Y
JRU #63	DELAWARE	93.7	182.9	100	1429.1	0.6	Y
JRU #66	DELAWARE	97.6	202.3	100	1293.1	0.9	Y
JRU #67	DELAWARE	167.7	213.3	100	1907.9	0.8	Y
JRU #82	DELAWARE	70.3	61.2	95.4	541.4	1.7	Y

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #32 FORMATION DELAWARE

LOCATION O UNIT, 760 FEET FROM SOUTH LINE & 2000 FEET FROM EAST LINE

SECTION 36 TOWNSHIP 22S, RANGE 30E, COUNTY EDDY, NEW MEXICO

SPUD DATE 2/28/00 COMPLETION DATE 3/31/00 INITIAL PRODUCTION 4/2/00

PERFORATIONS 7459-7464', 7280-7285'

STIMULATION:

ACID

FRACTURE 7459-7464', Frac w/ 47,540 gal Viking 30, 158,000# 16/30 Brady Sand, 24,000 CR-4000.

7280-7285', Acidize w/ 500 gal 15% NEFE HCL acid.

POTENTIAL 4/18/00 Pmpd 66 BO 164 BW 82 MCF.

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	14.4%			
Water saturation (Sw), %	59%			
Net Thickness (h), ft.	28.5			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,207			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	52,216			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 8,683 BBLS

	PRODUCING
INITIAL RATE (qi)	654
ECONOMIC LIMIT (ql)	90
DECLINE RATE, dy (Hyperbolic, n=1.01)	42.96%
REMAINING OIL (Q) =	20,817
ULTIMATE RECOVERABLE OIL	29,500

(Attach plat showing proration unit and participating area.)

ECONOMIC

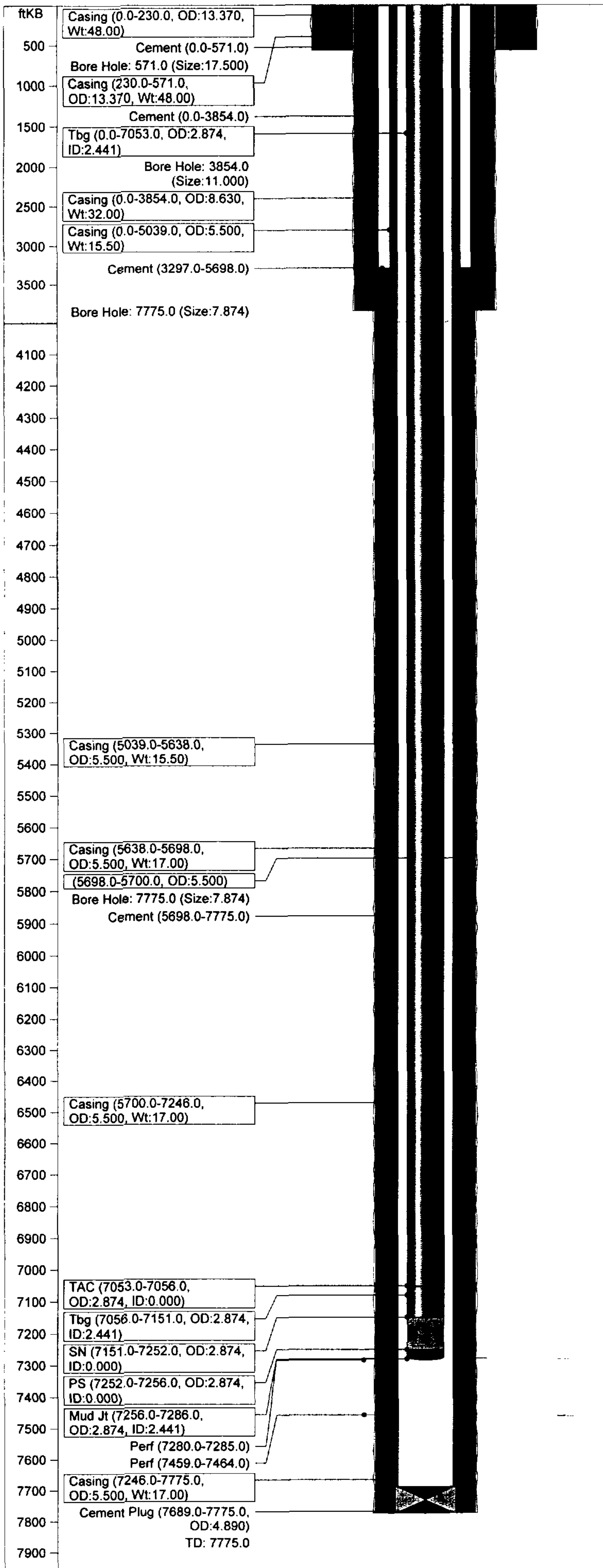
WELL COST $ 450,900 (to the depth of formation completed)

RECOMPLETION COST $ ______________

TOTAL COST $ 450,900

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-450,900
1	9,300	304,000	38,800	251,800
2	5,600	227,400	37,600	165,300
3	3,600	121,600	29,000	73,200
4	2,700	82,500	25,800	40,700
5	2,100	63,700	24,300	25,700
6	1,800	53,500	23,600	17,800
7	1,500	45,400	22,900	12,200
8	1,300	39,800	22,600	8,500
9	1,200	35,600	22,200	6,000
10	400	11,100	7,300	1,600
REMAINDER	0	0	0	0
TOTAL	29,500	984,600	254,100	151,900

WELL IS COMMERCIAL



JAMES RANCH UNIT #32

API No.	3001527612	Comments	
TD	7775.0 ftKB	Status	ACT OIL
PBTD	7689.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	32	Spud	2/28/2000
ID Code	C%QGDLV8.032	RR	3/12/2000
Field	QUAHADA RIDGE, SE (DELAWARE)	Completion	3/28/2000
Author	CDP	Last Act.	
Date Updated	1/19/01	Abandoned	

Location

Township	22S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	760.0 ft N
		Top EW Distance	2000.0 ft E
Section	36	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3319.5 ft	Cas Flng	0.0 ft
Grd	3306.0 ft	Tub Head	0.0 ft
KB-Grd	13.5 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	2/29/2000	0.0	230.0	5	13.370	12.720	48.00	WC40	STC
Casing	2/29/2000	230.0	571.0	9	13.370	12.720	48.00	H40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	3/6/2000	0.0	3854.0	89	8.630	7.920	32.00	CF50	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	3/12/2000	0.0	5039.0	139	5.500	4.950	15.50	K55	LTC
Casing	3/12/2000	5039.0	5638.0	14	5.500	4.950	15.50	J55	LTC
Casing	3/12/2000	5638.0	5698.0	2	5.500	4.890	17.00	K55	LTC
	3/12/2000	5698.0	5700.0		5.500	4.950	0.00		
Casing	3/12/2000	5700.0	7246.0	37	5.500	4.890	17.00	K55	LTC
Casing	3/12/2000	7246.0	7775.0	14	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	2/29/2000	0.0	571.0	475	Cmt Circ
Intermediate Casing	3/6/2000	0.0	3854.0	955	Cmt Circ
Production Casing	3/12/2000	3297.0	5698.0	300	TOC by TS
Production Casing	3/12/2000	5698.0	7775.0	360	

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	3/29/2000	0.0	7053.0	224	2.874	2.441	6.40	J55	
TAC	3/29/2000	7053.0	7056.0		2.874	0.000	0.00		
Tbg	3/29/2000	7056.0	7151.0	3	2.874	2.441	6.40	J55	
SN	3/29/2000	7151.0	7252.0		2.874	0.000	0.00		
PS	3/29/2000	7252.0	7256.0		2.874	0.000	0.00		
Mud Jt	3/29/2000	7256.0	7286.0	1	2.874	2.441	0.00		

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
3/12/2000	Cement Plug	7689.0	7775.0	4.890	4.950

Perforations

Date	Int	Holes	Status
3/24/2000	7459.0 - 7464.0	4.0	OPEN
11/28/2000	7280.0 - 7285.0	20.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
3/28/2000	Fracture	7459.0 - 7464.0	47,540 Gals Viking 30	158,000# 16/30 24,000# 16/30 RC4000
11/29/2000	Acid	7280.0 - 7285.0	500 Gal 15% NEFE HCL	

WELL HISTORY

WELL NAME:	James Ranch Unit #32
FIELD NAME:	Quahada Ridge, S.E.
LOCATION:	760' FNL & 2000' FEL, Sec 36, T22S, R30E, Eddy County, New Mexico
ELEV:	3306.0' GL, 3320' KB
SPUD DATE:	2/28/00, RR 3/12/00
COMP DATE:	3/28/00
ORIG TD:	7775'
ORIG PBTD:	7695'
CASING:	13 3/8' 48# WC40&H40 CSA 571' w/475 sx, cmt circ, 17 1/2" hole. 8 5/8" 32#, CF50&J55, CSA 3854' w/995 sx, cmt circ, 11' hole. 5 ½ 15.5 & 17#, J-55, CSA 7775' w/660 sx, TOC 3297'(EST).
TUBING:	2 7/8", 6.5# J-55, 8 RD
DST:	None
CORES & LOGS:	GR-DNL-LDT-AIT

INITIAL COMPLETION

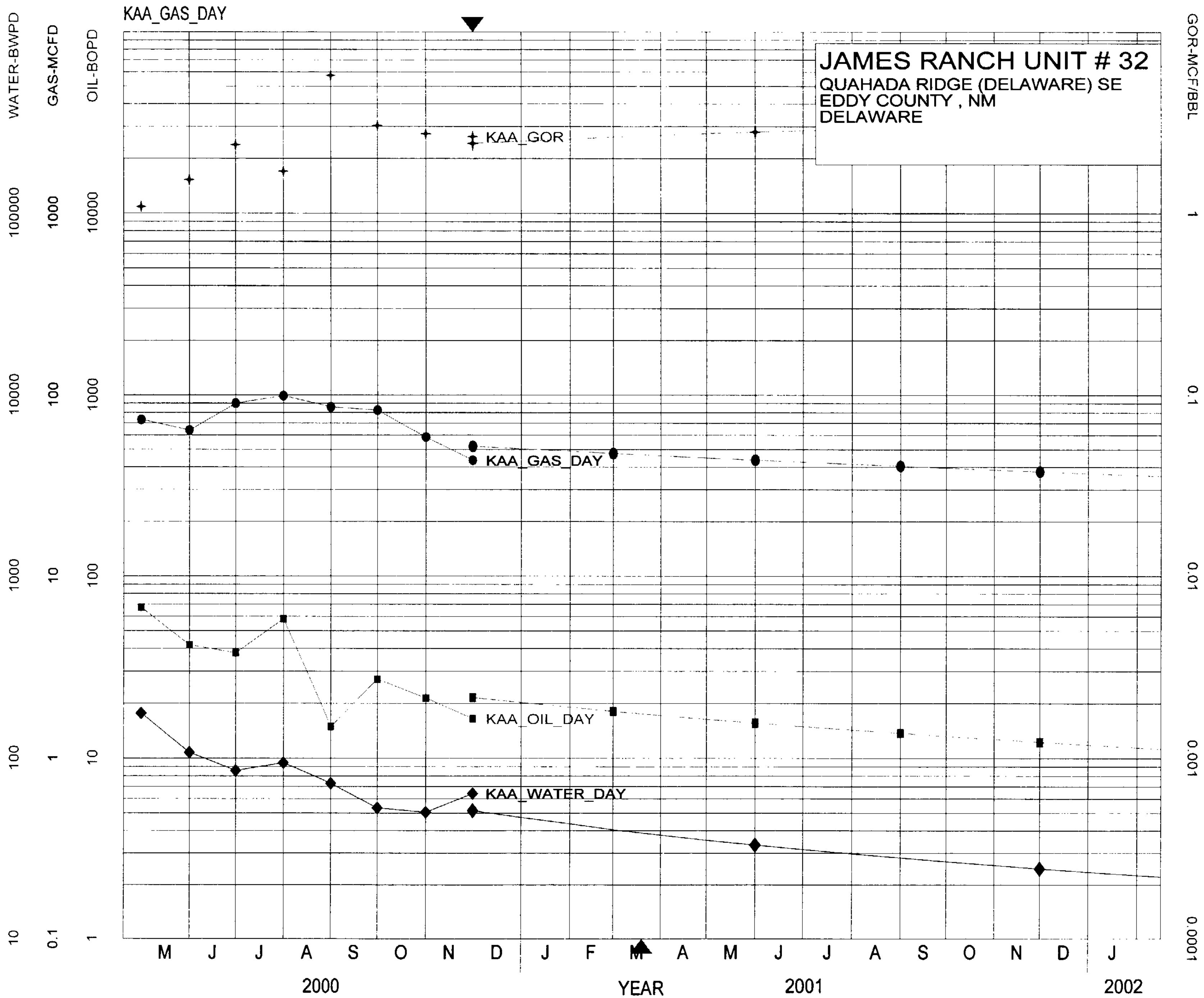
2/28/00 to 3/6/00 **INITIAL COMPLETION**

TD 7775', PBTD 7695'.Ran logs.

3/22/00 to 3/31/00

Perf: **7459-7464'**, total 20 holes. Breakdown fm @ 2300 psi. **Pumped** 5000 bbls Viking 30, **frac** w/ 47,540 gal Viking 30 + 158,000# 16/30 Brady + 24,000 16/30 CR-4000. Open to pit 60 min 1 ½ bpm. Clean out. RIH w/ tbg, EOT 7286' & rods, space out pump. 4-19-00 pmp 55 BO, 174 BW, 72 MCF.

11/27/00 Set RBP @ 7400'. **Perf**: 7280-85'(U-sand) 20 holes. **Acidize** w/ 500 gal 15% NEFE HCL acid. ISIP 300 psi. POH w/RBP. RIH w/ tbg & rods. Place on Prod. IP 66 BO 164 BW 82 MCF.



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Rem=	20818
EUR=	29501
Yrs=	8.400
Qref=	21.5
De=	42.957637
b=	1.010000
Qab=	3.0

KAA_GAS_DAY	
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Ref=	12/2000
Cum=	18201
Rem=	71845
EUR=	90046
Yrs=	8.400
Qref=	52.0
De=	27.526994
b=	1.010000
Qab=	12.5

KAA_WATER_DAY	
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Ref=	12/2000
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Rem=	68678
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Qref=	51.6
De=	52.335943
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Qab=	1.0

KAA_GOR	
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Cum=	0
Rem=	0
EUR=	0
Yrs=	8.331
Qref=	2.4
De=	0.000000
b=	0.000000
Qab=	0.0

RICT I
Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-30830	50443	Quahada Ridge (Delaware) SE

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	32

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3306'

Surface Location

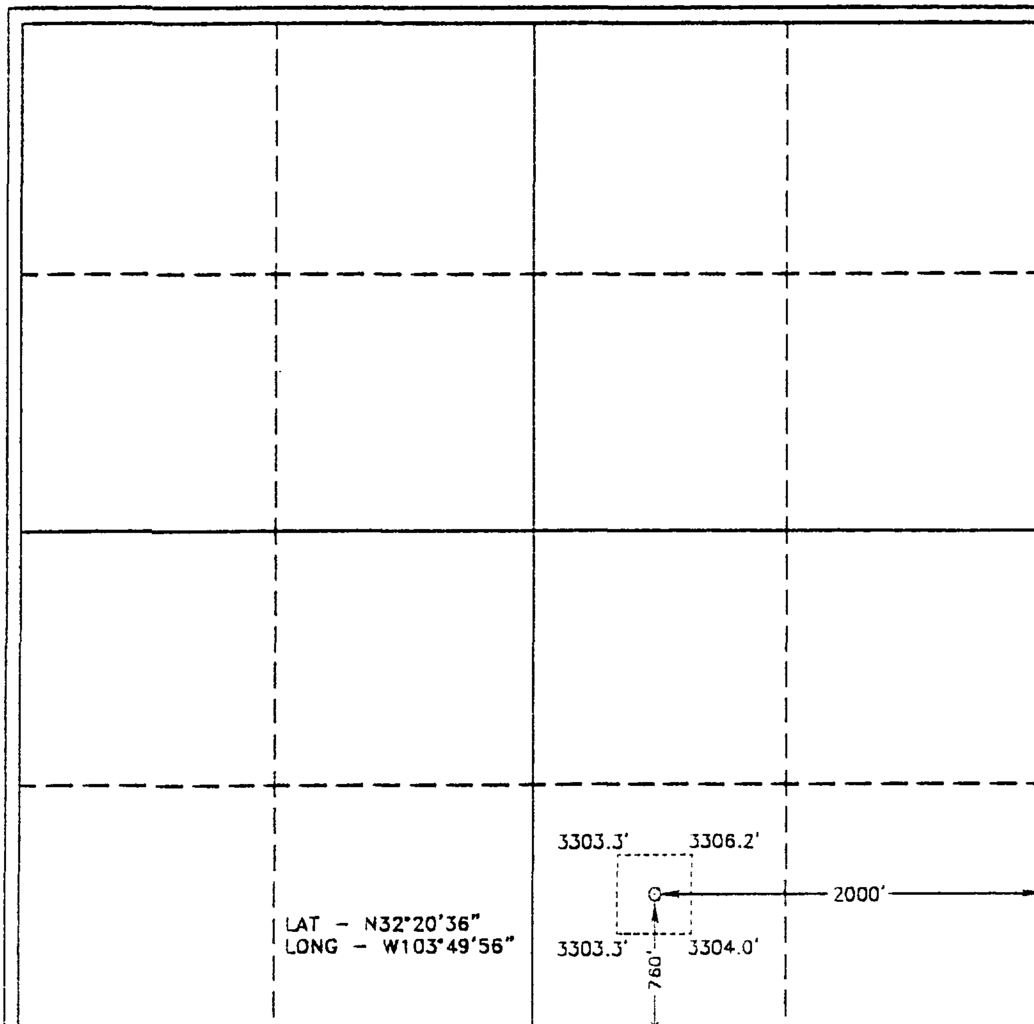
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	22 S	30 E		760	SOUTH	2000	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

4/25/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

October 1, 1999
Date Surveyed
Signature & Seal of Professional Surveyor

W.O. No. 9348

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

| Choke Size | Oil | Water | Gas | AOF | Test Method |

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-015-30830

5. Indicate Type Of Lease: STATE [X] FEE [ ]

6. State Oil & Gas Lease No. 001786

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR [ ] OTHER

7. Lease Name or Unit Agreement Name: James Ranch Unit

2. Name of Operator: Bass Enterprises Production Co.

8. Well No. 32

3. Address of Operator: P.O. Box 2760 Midland, TX 79702-2760

9. Pool name or Wildcat: Quahada Ridge (Delware) SE

4. Well Location
Unit Letter O : 760' Feet From The South Line and 2000' Feet From The East Line

Section 36 Township 22S Range 30E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl.(Ready to Prod.)	13. Elevations(DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
2/27/00	3/11/00	3/31/00	3306.2'GL,3318.2'RF,3319.5	- - -

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7775'	7695'			Yes	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 7459-64' (Delaware)

20. Was Directional Survey Made: Yes

21. Type Electric and Other Logs Run: Array Induction Imager - GR; LD-CNL-GR

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	571'	17-1/2"	475 sx Class C	- - -
8-5/8"	32#	3854'	11"	955 sx Poz C/Class C	- - -
5-1/2"	17#, 15.5#	7775'	7-7/8"	660 sx Super C/Poz C	- - -

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7486'	7249' SN

26. Perforation record (interval, size, and number)
7459-64' (5', 20 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7459-64'	Frac w/47,450 gals Viking 30 +
	158,000# 16/30 Brady Sand +
	24,000# 16/30 RC-4000

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
4/2/00	Pumping, 8 X 100 X 1-3/4	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/18/00	24 hours	- - -		66	82	164	1242

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
- - -	- - -		66	82	164	45.6

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sales, Lease Use

Test Witnessed By

30. List Attachments: C-102, C-104, Logs, Directional Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Tami Wilber Printed Name Tami Wilber Title Production Clerk Date 5/1/00

41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method

JAMES RANCH UNIT 32 QUAHADA

Date: 01/17/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	04/2000 2014 1296 1134 1804 463 814 663 495 #							8.683	11/2000			
401 GAS	04/2000 2192 1980 2701 3069 2662 2475 1814 1308 #							18.201	11/2000			
402 WTR	04/2000 5297 3335 2566 2927 2261 1601 1565 1923 #							21.475	11/2000			
403 START	12/2000											
404 OIL	653.82	90.00	B/M	X	IMU	B/1.010	42.96	20.818	4/2009	53.0	654.	90.
405 START	12/2000											
406 GAS	1582.76	X	M/M	08/2017	AD	B/1.010	27.53	99.943	7/2017	31.6	1583.	218.
407 "	218.03	X	M/M	43.93	IMU	EXP	5.00	143.871	1/2056	5.0	218.	30.
408 START	12/2000											
409 WTR	1568.57	X	B/M	68.68	IMU	B/1.010	52.34	68.678	3/2048	66.8	1569.	30.
410 START	04/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		4/2009		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		4/2009		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		4/2009		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		4/2009		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		3/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		3/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		4/2009		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		4/2009		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		3/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		3/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		3/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		3/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24003.000
541 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24003.000
600 OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		4/2009		1600.000	1600.000

```
601 OPC/WTR      0.08      0.08 $/U        TO       LIFE       PC          0.00                 3/2000                  0.080        0.080

602 ATX          0.17      X     %         TO       LIFE       PC          0.00                 4/2009                  0.002        0.002

602 OPC/T        0.00      X     $/M       TO       LIFE       PC          0.00                 4/2009                            1600.000

603 STX/OIL      7.08      X     %         TO       LIFE       PC          0.00                 4/2009                  0.071        0.071

604 ATX          0.00      X     %         TO       LIFE       PC          0.00                 4/2009                               0.002

604 STX/GAS      7.93      X     %         TO       LIFE       PC          0.00                 4/2009                  0.079        0.079

605 STX/OIL      0.00      X     %         TO       LIFE       PC          0.00                 4/2009                               0.071
606 STX/GAS      0.00      X     %         TO       LIFE       PC          0.00                 4/2009                               0.079

705 LSE/WI   100.0000      D     %         TO       LIFE       FLAT        0.00                 4/2009                  1.000        1.000

720 NET/OIL   87.5000      D     %         TO       LIFE       FLAT        0.00                 4/2009                  0.875        0.875
740 NET/GAS   87.5000      D     %         TO       LIFE       FLAT        0.00                 4/2009                  0.875        0.875

780 LSE/NPI    0.0000      D     %         TO       LIFE       FLAT        0.00                 4/2009

OVERLAYS      Scheduling Rates          Schdule Until     Procedure         Ultimate     Last   Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    -------------     ---------------   ----------  ------- ---------  ----------  ----------
900 OIL     04/2000 2014 1296 1134 1804 463 814 663 495 #                       8.683 11/2000

901 GAS     04/2000 2192 1980 2701 3069 2662 2475 1814 1308 #                  18.201 11/2000

902 WTR     04/2000 5297 3335 2566 2927 2261 1601 1565 1923 #                  21.475 11/2000

INVESTMENT    Tangibles & Intangibles    Time              Procedure         Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    -------------     ---------------   ----------  ------- ---------  ----------  ----------
800 DRILL      138.12   312.78 M$G       04/2000 AD        PC          0.00    450.896  4/2000       0       450.8       450.8
801 SALV       -33.00     0.00 M$G       TO       LIFE     PC          0.00    -33.000  4/2009       0       -33.0       -33.0

MISC. PARAMETERS            Item                       Item
----------------------      ------------------         ------------------    ---------------  ---------------  ---------------
250 LOSS     NO

PROJECT RUN SETTINGS
--------------------
Base Date    : 01/2000  Time Frames :  12,48*12,612
P.W. Date    : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers   :    Prod = CD            Price = CD            Cost   = CD           Owner   = CD
                 Title = DEFAULT       Misc  = CD            Invest = CD           Overlay = CD
NET/WTR              WI
```

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	9.3 YR TOTAL
OWNERSHIP											
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$											
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	450.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	417.9
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417.9
OIL PHASE											
8) GROSS OIL, MB	9.3	5.6	3.6	2.7	2.1	1.8	1.5	1.3	1.2	0.4	29.5
9) NET OIL, MB	8.2	4.9	3.2	2.3	1.9	1.6	1.3	1.2	1.0	0.3	25.8
10) OIL REVENUE, M$	239.2	122.0	70.0	49.2	37.8	31.6	26.3	22.8	20.2	6.3	625.3
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.78	19.59	19.59	19.59	24.22
GAS PHASE											
12) GROSS GAS, MMF	19.8	15.7	11.9	9.6	8.1	7.0	6.1	5.5	4.9	1.5	90.0
13) NET GAS, MMF	17.3	13.7	10.4	8.4	7.1	6.1	5.4	4.8	4.3	1.3	78.8
14) GAS REVENUE, M$	64.8	105.5	51.5	33.3	25.9	22.0	19.1	17.0	15.4	4.8	359.3
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.605	3.570	3.570	3.570	3.570	4.560
ECONOMICS, M$											
19) GROSS REV. TO INTR.	304.0	227.4	121.6	82.5	63.7	53.5	45.4	39.8	35.6	11.1	984.6
20) - SEV. TAX	22.1	17.0	9.0	6.1	4.7	4.0	3.4	3.0	2.7	0.8	72.8
21) - AD VALOREM TAX	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	1.6
22) - OPERATING COSTS	16.2	20.2	19.8	19.6	19.5	19.5	19.4	19.4	19.4	6.5	179.3
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	265.2	189.9	92.6	56.6	39.4	30.0	22.5	17.4	13.5	3.8	731.0
29) - INVESTMENTS & RSK	450.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	417.9
30) = BFIT NET	-185.7	189.9	92.6	56.6	39.4	30.0	22.5	17.4	13.5	36.8	313.1
PRESENT WORTH @ 10.00 %											
31) NET INCOME	251.8	165.3	73.2	40.7	25.7	17.8	12.2	8.5	6.0	1.6	602.8
32) INVESTMENTS & RISK	440.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.7	426.6
33) BFIT NET	-188.4	165.3	73.2	40.7	25.7	17.8	12.2	8.5	6.0	15.2	176.2
34) CUM BFIT NET	-188.4	-23.1	50.0	90.7	116.4	134.2	146.4	154.9	160.9	176.2	176.2

JAMES RANCH UNIT 32 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	9.3 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$											
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	312.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	312.8
3) DEPRECIABLE	138.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	105.1
TAX CALCULATIONS, M$											
4) GROSS REV. TO INTR.	304.0	227.4	121.6	82.5	63.7	53.5	45.4	39.8	35.6	11.1	984.6
5) - SEVERANCE TAX	22.1	17.0	9.0	6.1	4.7	4.0	3.4	3.0	2.7	0.8	72.8
6) - OPR. COSTS & ATX	16.7	20.5	19.9	19.7	19.6	19.5	19.5	19.4	19.4	6.5	180.9
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	41.4	29.0	20.3	14.2	9.9	7.0	4.9	3.4	2.4	5.6	138.1
12) = NET	223.8	160.9	72.3	42.4	29.4	23.1	17.7	14.0	11.1	-1.8	592.8
13) - DEPLETION TAKEN	98.8	59.2	38.3	28.5	22.6	18.8	16.1	14.1	12.5	3.9	312.8
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	125.0	101.7	33.9	14.0	6.8	4.2	1.6	-0.1	-1.4	-5.7	280.1
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	42.5	34.6	11.5	4.7	2.3	1.4	0.5	0.0	-0.5	-1.9	95.2
19) REVENUE-SEV	282.0	210.4	112.5	76.3	59.0	49.6	42.0	36.8	32.9	10.3	911.8
20) - OPR. COSTS & ATX	16.7	20.5	19.9	19.7	19.6	19.5	19.5	19.4	19.4	6.5	180.9
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	42.5	34.6	11.5	4.7	2.3	1.4	0.5	0.0	-0.5	-1.9	95.2
24) = A.F.I.T.	222.7	155.3	81.0	51.9	37.1	28.6	22.0	17.4	14.0	5.7	635.7
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	222.7	155.3	81.0	51.9	37.1	28.6	22.0	17.4	14.0	5.7	635.7
28) - INVESTMENTS & RSK	450.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-33.0	417.9
29) = A.F.I.T. NET	-228.2	155.3	81.0	51.9	37.1	28.6	22.0	17.4	14.0	38.7	217.8
PRESENT WORTH @ 10.00 %											
30) NET INCOME	212.4	134.6	63.9	37.2	24.1	16.9	11.8	8.5	6.2	2.4	518.0
31) INVESTMENTS & RISK	440.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.7	426.6
32) A.F.I.T. NET	-227.9	134.6	63.9	37.2	24.1	16.9	11.8	8.5	6.2	16.0	91.4
33) CUM. A.F.I.T. NET	-227.9	-93.3	-29.4	7.7	31.9	48.8	60.6	69.2	75.4	91.4	91.4

JAMES RANCH UNIT 32 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	313.054	217.836	330.054
5.	235.084	145.379	207.087
10.	176.189	91.427	124.558
15.	130.415	50.073	65.971
20.	93.960	17.572	22.557
25.	64.315	-8.525	-10.719
30.	39.777	-29.872	-36.929
35.	19.155	-47.610	-58.037
40.	1.597	-62.552	-75.352
50.	-26.659	-86.250	-101.949
60.	-48.349	-104.108	-121.283
70.	-65.472	-117.963	-135.848
80.	-79.285	-128.959	-147.121
90.	-90.625	-137.844	-156.028
100.	-100.068	-145.128	-163.182
RATE OF RETURN, PCT.	40.6	23.4	
UNDISCOUNTED PAYOUT, YRS.	1.98	2.90	
DISCOUNTED PAYOUT, YRS.	2.32	3.79	
UNDISCOUNTED NET/INVEST.	1.75	1.52	
DISCOUNTED NET/INVEST.	1.41	1.21	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #31 FORMATION DELAWARE

LOCATION G UNIT, 1980 FEET FROM NORTH LINE & 1980 FEET FROM EAST LINE

SECTION 36 TOWNSHIP 22S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 12/9/99 COMPLETION DATE 1/14/00 INITIAL PRODUCTION 1/21/00

PERFORATIONS 7488-7494', 7276-7280'

STIMULATION:

ACID

FRACTURE 7276-7494', Frac w/ 69,260 gal Viking 30, 214,000# 16/30 Brady Sand, 83,900# 16/30 CR-4000.

POTENTIAL 1/27/00 Pmp 160 BO 110 MCF 249 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	14.3%			
Water saturation (Sw), %	60%			
Net Thickness (h), ft.	42			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,176			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	74,551			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 16,616 BBLS

	PRODUCING
INITIAL RATE (qi)	1,143
ECONOMIC LIMIT (ql)	97
DECLINE RATE, dy (Hyperbolic, n=1.01)	38.01%
REMAINING OIL (Q) =	54,684
ULTIMATE RECOVERABLE OIL	71,100

(Attach plat showing proration unit and participating area.)

ECONOMIC

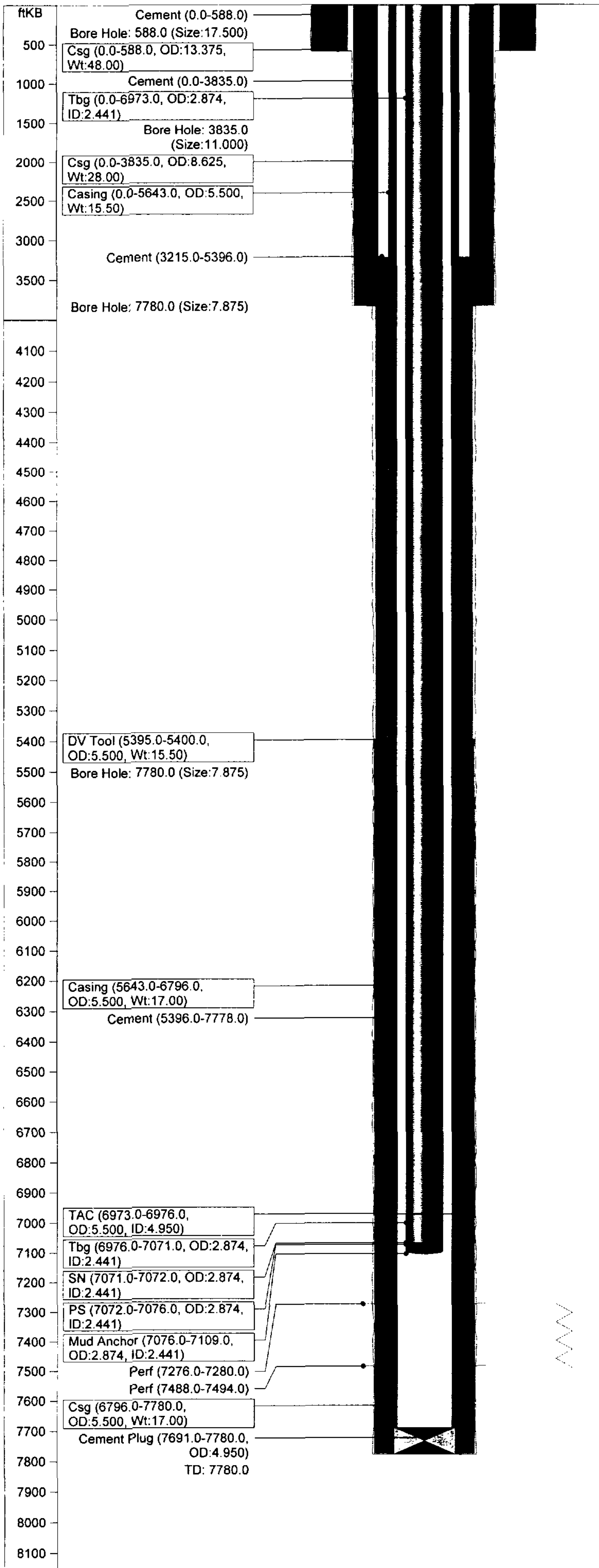
WELL COST $ 515,206 (to the depth of formation completed)

RECOMPLETION COST $ ______

TOTAL COST $ 515,206

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-515,206
1	17,700	543,700	61,800	462,100
2	10,300	373,600	48,700	282,600
3	7,000	210,500	35,800	138,000
4	5,300	144,300	30,600	81,600
5	4,300	109,900	28,000	53,500
6	3,600	90,200	26,300	37,800
7	3,100	73,800	25,100	26,300
8	2,700	62,400	24,200	18,800
9	2,400	54,000	23,500	13,600
10	2,200	47,200	23,000	9,800
REMAINDER	12,500	238,400	171,000	21,200
TOTAL	71,100	1,948,000	498,000	630,094

WELL IS COMMERCIAL



JAMES RANCH UNIT #31

API No.	3001530829	Comments	
TD	7780.0 ftKB	Status	ACT OIL
PBTD	7691.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	31	Spud	12/9/1999
ID Code	C%MXDLJO.031	RR	12/23/1999
Field	LOS MEDANOS	Completion	1/14/2000
Author	CDP	Last Act.	
Date Updated	6/16/2000	Abandoned	

Location

Township	22S	Top Latitude	0
	22	Top Longitude	0
Range	30E	Top NS Distance	1980.0 ft N
	30	Top EW Distance	1980.0 ft E
Section	36	Bottom Latitude	0
Unit Ltr.	E	Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3333.0 ft	Cas Flng	0.0 ft
Grd	3319.8 ft	Tub Head	0.0 ft
KB-Grd	13.2 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	12/10/1999	0.0	588.0	13	13.375	0.000	48.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	12/16/1999	0.0	3835.0	88	8.625	0.000	28.00	WC50	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	12/23/1999	0.0	5643.0	142	5.500	4.950	15.50	J-55	LTC
DV Tool	12/23/1999	5395.0	5400.0		5.500	0.000	15.50		LTC
Casing	12/23/1999	5643.0	6796.0	12	5.500	4.890	17.00	USS-5C	LTC
Csg	12/23/1999	6796.0	7780.0	22	5.500	4.890	17.00	L-80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	12/10/1999	0.0	588.0	515	
Intermediate Casing	12/16/1999	0.0	3835.0	990	
Production Casing	12/23/1999	3215.0	5396.0	260	TOC by TS
Production Casing	12/23/1999	5396.0	7778.0	405	Circ 82 sx off DV Tool

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	1/19/2000	0.0	6973.0	220	2.874	2.441	6.50	J55	
TAC	1/19/2000	6973.0	6976.0		5.500	4.950	6.50		
Tbg	1/19/2000	6976.0	7071.0	3	2.874	2.441	6.50	J55	
SN	1/19/2000	7071.0	7072.0		2.874	2.441	0.00		
PS	1/19/2000	7072.0	7076.0		2.874	2.441	0.00		
Mud Anchor	1/19/2000	7076.0	7109.0	1	2.874	2.441	6.50	J55	

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
12/23/1999	Cement Plug	7691.0	7780.0	4.950	0.000

Perforations

Date	Int	Holes	Status
1/14/2000	7276.0 - 7280.0	0.0	OPEN
1/14/2000	7488.0 - 7494.0	0.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
1/17/2000	Sand Frac	7276.0 - 7494.0	69,260 Gal Viking 40	214,000# 16/30 Brady 83,900# CR4000

WELL HISTORY

WELL NAME: James Ranch Unit #31

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 1980' FNL & 1980' FEL, Sec 36, T22S, R30E, Eddy County, New Mexico

ELEV: 3319.0' GL, 3333' KB

SPUD DATE: 12/9/1999, RR 12/23/1999

COMP DATE: 1/14/2000

ORIG TD: 7780'

ORIG PBTD: 7689'

CASING: 13 3/8' 48# H-40 & WC40 CSA 588' w/515 sx, cmt circ, 17 ½" hole.
8 5/8" 32#, WC50, CSA 3832' w/990 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, J-55, LTD, & L80, CSA 7780' w/665 sx, TOC 3215'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

DST: None

CORES & LOGS: Platform express

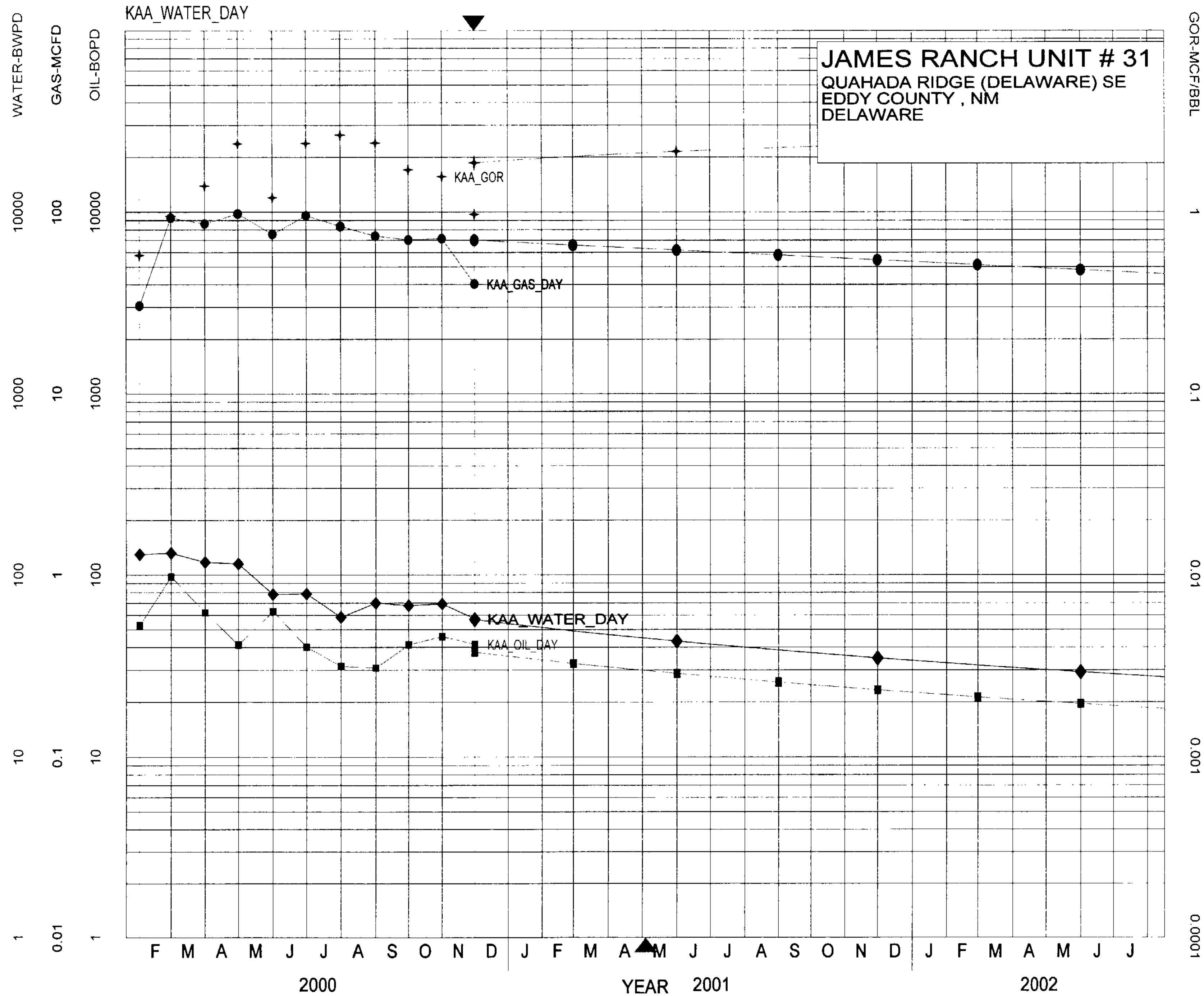
INITIAL COMPLETION

5/10/00 TO 5/23/00 **INITIAL COMPLETION**

TD 7780', PBTD 7689'.Ran logs.

6/2/00 TO 6/20/00

Perf: 7488-7494'(LBC)12 SHOTS, 7276-7280 (U SAND) 8 SHOTS, total 20 shots. **Frac** w/ 69,260 gal Viking 40 + 214,000# 16/30 Brady + 83,900# 16/30 CR-4000. Open to pit 60 min ½ bpm. Clean out, Run tbg and rods, EOT 7109'. 1/24/00 24 hr tst 132 BO 322 BW 80 MCF.



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Qual=	CD
Ref=	12/2000
Cum=	16616
Rem=	55792
EUR=	72408
Yrs=	17.942
Qref=	37.6
De=	38.010515
b=	1.010000
Qab=	3.2

KAA_GAS_DAY	
Qual=	CD
Ref=	12/2000
Cum=	24869
Rem=	101084
EUR=	125953
Yrs=	17.900
Qref=	70.0
De=	22.120000
b=	0.000000
Qab=	0.8

KAA_WATER_DAY	
Qual=	CD
Ref=	12/2000
Cum=	29599
Rem=	83053
EUR=	112652
Yrs=	17.900
Qref=	56.7
De=	38.553111
b=	1.010000
Qab=	4.7

KAA_GOR	
Qual=	CD
Ref=	12/2000
Cum=	0
Rem=	0
EUR=	0
Yrs=	17.833
Qref=	1.9
De=	0.000000
b=	0.000000
Qab=	0.0

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-30829	50443	Quahada Ridge (Delaware) SE

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	31

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3319'

CONFIDENTIAL

Surface Location

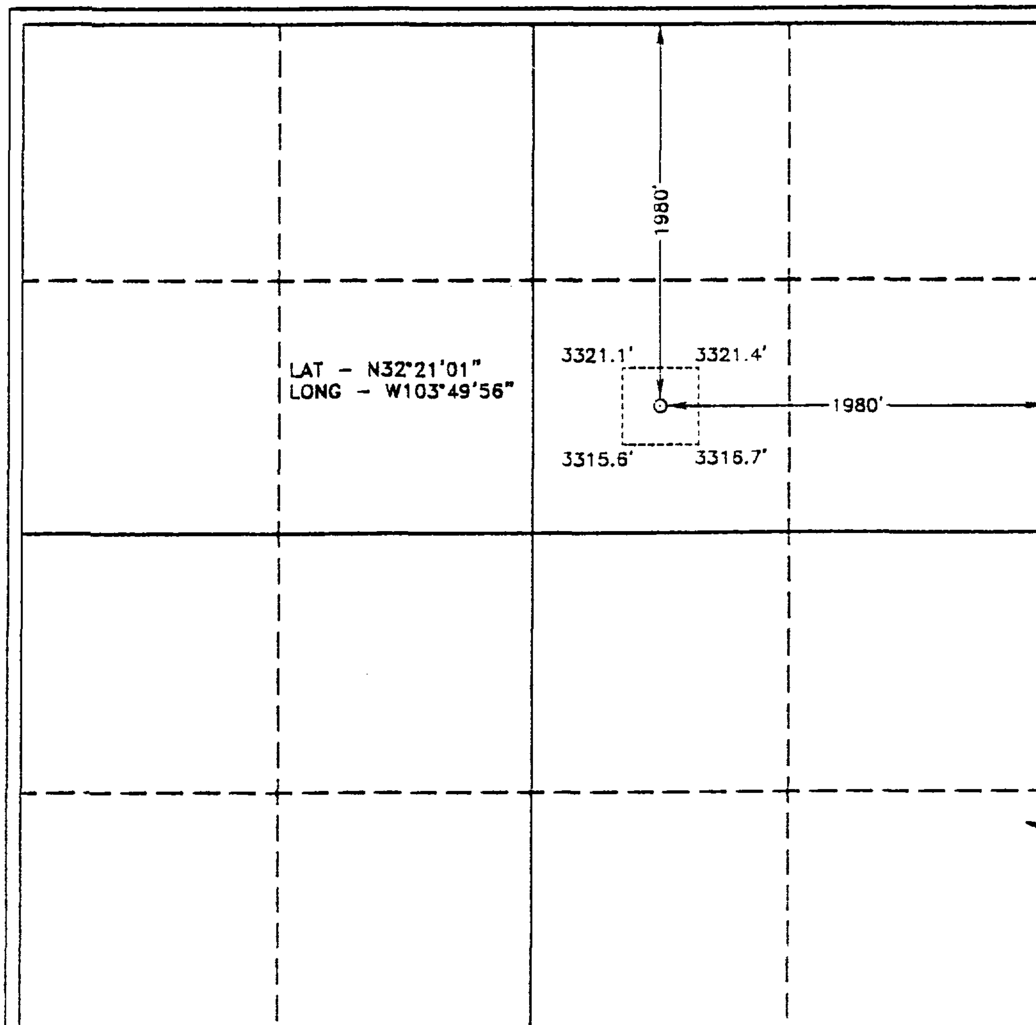
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	22 S	30 E		1980	NORTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

2/2/00
Date

SURVEYOR CERTIFICATION

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 supervison and that the same is true and correct to the best of my belief.

September 30, 1999

Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 9349

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-015-30829

5. Indicate Type Of Lease: STATE [X] FEE [ ]

6. State Oil & Gas Lease No. 001786

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER ____

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR [ ] OTHER

CONFIDENTIAL

7. Lease Name or Unit Agreement Name: James Ranch Unit

2. Name of Operator: Bass Enterprises Production Co.

8. Well No. #31

3. Address of Operator: P.O. Box 2760 Midland, TX 79702-2760

9. Pool name or Wildcat: Quahada Ridge (Delaware) SE

4. Well Location
Unit Letter G : 1980' Feet From The North Line and 1980' Feet From The East Line
Section 36 Township 22S Range 30E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl.(Ready to Prod.)	13. Elevations(DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
12/8/99	12/23/99	1/20/00	3319.8' GL. 3333.1' KB	- - -

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7780'	7689'	- - -		Yes	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 7276-80', 7488-94' (Delaware)

20. Was Directional Survey Made: Yes

21. Type Electric and Other Logs Run:

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	588'	14-3/4"	515 sx Class C	NA
8-5/8"	28#	3832'	11"	990 sx Class C	NA
5-1/2"	15.5, 17#	7780'	7-7/8"	665 sx Super H Mod	NA

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
NA				

CONFIDENTIAL

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7109'	7109' SN

26. Perforation record (interval, size, and number)
Perf w/ 4" casing gun loaded w/ 19 gram GOEX charges @ 0 degree phasing. 7276-80' (8 shots), 7488-94' (12 shots)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7276-7494'	Frac w/ 69,260 gals V-40 + 214,000# 16/30 BS + 83,900# 16/30 CR-4000.

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
1/21/00	Pumping - Lufkin 320 - 8 SPM x 100" SL x 1-3/4"	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/27/00	24	- - -		165	110	249	666

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
- - -	- - -		165	110	249	41.6

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Lease Use, Sales

Test Witnessed By

30. List Attachments: C-102, C-104, Logs, Deviation Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Tami Wilber Printed Name Tami Wilber Title Production Clerk Date 2/2/00

Choke Size Oil Water Gas

JAMES RANCH UNIT 31 QUAHADA

Date: 01/17/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	Scheduling Rates (INPUT DATA)	Schedule Until (INPUT DATA)	Procedure (INPUT DATA)	Ultimate (INITIAL CALCULATED DATA)	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	01/2000 1637 2833 1921 1237 1953 1203 975 955 1238 #			13.952	9/2000			
401 "	X 1417 1247 #			16.616	11/2000			
402 GAS	01/2000 947 2693 2671 2934 2343 2869 2585 2289 2110 #			21.441	9/2000			
403 "	X 2217 1211 #			24.869	11/2000			
404 WTR	01/2000 4019 3823 3642 3454 2423 2358 1813 2168 #			23.700	8/2000			
405 "	X 2033 2146 1720 #			29.599	11/2000			
406 START	12/2000							
407 OIL	1142.72 X B/M	09/2018 AD	B/1.010 38.01	55.599	8/2018	45.9	1143.	97.
408 "	97.85 X B/M	1.60 IMU	EXP 5.00	57.203	1/2020	5.0	98.	91.
409 START	12/2000							
410 GAS	2130.09 60.00 M/M	X IMU	EXP 22.12	99.403	3/2015	22.1	2130.	59.
411 START	12/2000							
412 WTR	1725.85 X B/M	135.68 IMU	B/1.010 38.55	135.677	4/2092	46.6	1726.	30.
413 START	01/2000							
511 PRI/OIL	16.8800 X $/B	1/95 MM/YY	PC 0.00		1/2020		16.880	
512 "	18.39 X $/B	1/96 AD	PC 0.00		1/2020		18.390	
513 "	22.26 X $/B	1/97 AD	PC 0.00		1/2020		22.260	
514 "	20.74 X $/B	1/98 AD	PC 0.00		1/2020		20.740	
515 "	14.43 X $/B	1/99 AD	PC 0.00		12/1999		14.430	
516 "	19.25 X $/B	1/2000 AD	PC 0.00		12/1999		19.250	
517 "	30.25 X $/B	1/2001 AD	PC 0.00		12/2000		30.250	30.250
518 "	25.89 X $/B	1/2002 AD	PC 0.00		12/2001		25.890	25.890
519 "	23.04 X $/B	1/2003 AD	PC 0.00		12/2002		23.040	23.040
520 "	21.86 X $/B	01/2004 AD	PC 0.00		12/2003		21.860	21.860
521 "	21.13 X $/B	01/2005 AD	PC 0.00		12/2004		21.130	21.130
522 "	20.80 X $/B	06/2005 AD	PC 0.00		5/2005		20.800	20.800
523 "	21.60 X $/B	03/2006 AD	PC 0.00		2/2006		21.600	21.600
524 "	20.50 20.50 $/B	TO LIFE	PC 0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900 X $/M	1/95 MM/YY	PC 0.00		1/2020		1.890	
527 "	1.94 X $/M	1/96 AD	PC 0.00		1/2020		1.940	
528 "	2.61 X $/M	1/97 AD	PC 0.00		12/1999		2.610	
529 "	2.59 X $/M	1/98 AD	PC 0.00		12/1999		2.590	
530 "	2.11 X $/M	1/99 AD	PC 0.00		12/1999		2.110	
531 "	2.27 X $/M	1/2000 AD	PC 0.00		12/1999		2.270	
532 "	3.88 X $/M	1/2001 AD	PC 0.00		12/2000		3.880	3.880
533 "	7.82 X $/M	01/2002 AD	PC 0.00		12/2001		7.820	7.820
534 "	5.07 X $/M	01/2003 AD	PC 0.00		12/2002		5.070	5.070
535 "	4.08 X $/M	01/2004 AD	PC 0.00		12/2003		4.080	4.080
536 "	3.80 X $/M	05/2005 AD	PC 0.00		4/2005		3.800	3.800
537 "	3.70 3.70 $/M	TO LIFE	PC 0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100 X $/B	TO LIFE	PC 0.00				-0.910	24000.000

```
541 PRI/GAS   -0.1300    X    $/M      TO      LIFE      PC         0.00                2/2006                 -0.130   24000.000

600 OPC/T     1600.00    X    $/M      TO      LIFE      PC         0.00                1/2020               1600.000   1600.000
601 OPC/WTR      0.08    0.08 $/U      TO      LIFE      PC         0.00               12/1999                  0.080      0.080

602 ATX          0.17    X    %        TO      LIFE      PC         0.00                1/2020                  0.002      0.002

602 OPC/T        0.00    X    $/M      TO      LIFE      PC         0.00                1/2020                          1600.000

603 STX/OIL      7.08    X    %        TO      LIFE      PC         0.00                1/2020                  0.071      0.071

604 ATX          0.00    X    %        TO      LIFE      PC         0.00                1/2020                             0.002

604 STX/GAS      7.93    X    %        TO      LIFE      PC         0.00                1/2020                  0.079      0.079

605 STX/OIL      0.00    X    %        TO      LIFE      PC         0.00                1/2020                             0.071
606 STX/GAS      0.00    X    %        TO      LIFE      PC         0.00                1/2020                             0.079

705 LSE/WI   100.0000    D    %        TO      LIFE      FLAT       0.00                1/2020                  1.000      1.000

720 NET/OIL   87.5000    D    %        TO      LIFE      FLAT       0.00                1/2020                  0.875      0.875
740 NET/GAS   87.5000    D    %        TO      LIFE      FLAT       0.00                1/2020                  0.875      0.875

780 LSE/NPI    0.0000    D    %        TO      LIFE      FLAT       0.00                1/2020

OVERLAYS      Scheduling Rates         Schdule Until    Procedure        Ultimate   Last   Eff. Decl  Init. Rate  Final Rate
----------    -----------------------  -------------    ---------------  ---------- ------- ---------  ----------  ----------
900 OIL     01/2000 1637 2833 1921 1237 1953 1203 975 955 1238 #             13.952  9/2000
901 "       X 1417 1247 #                                                    16.616 11/2000

902 GAS     01/2000 947 2693 2671 2934 2343 2869 2585 2289 2110 #            21.441  9/2000
903 "       X 2217 1211 #                                                    24.869 11/2000

904 WTR     01/2000 4019 3823 3642 3454 2423 2358 1813 2168 #                23.700  8/2000
905 "       X 2033 2146 1720 #                                               29.599 11/2000

INVESTMENT    Tangibles & Intangibles    Time            Procedure        Total T&I  Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    -----------------------    -------------   ---------------  ---------- ------- ---------  ----------  ----------
800 DRILL      189.99   325.20 M$G      01/2000 AD       PC         0.00   515.199  1/2000      0       515.1       515.1
801 SALV       -33.00     0.00 M$G      TO      LIFE     PC         0.00   -33.000  1/2020      0       -33.0       -33.0

MISC. PARAMETERS            Item                      Item
----------------------      ------------------        ------------------    ---------------  ---------------  ---------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :   Prod = CD             Price = CD              Cost   = CD          Owner   = CD
               Title = DEFAULT        Misc  = CD              Invest = CD          Overlay = CD
NET/WTR          WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 31 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S
AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	17.9 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	515.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	515.2	-33.0	482.2
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	482.2	482.2
OIL PHASE													
8) GROSS OIL, MB	17.7	10.3	7.0	5.3	4.3	3.6	3.1	2.7	2.4	2.2	58.8	12.5	71.3
9) NET OIL, MB	15.5	9.0	6.1	4.7	3.8	3.2	2.7	2.4	2.1	1.9	51.5	10.9	62.4
10) OIL REVENUE, M$	455.2	224.6	135.9	97.9	76.3	64.4	54.0	47.0	41.9	37.8	1235.1	214.3	1449.4
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.78	19.59	19.59	19.59	24.00	19.59	23.23
GAS PHASE													
12) GROSS GAS, MMF	27.0	22.2	17.3	13.4	10.5	8.1	6.3	4.9	3.8	3.0	116.6	7.7	124.3
13) NET GAS, MMF	23.6	19.4	15.1	11.8	9.2	7.1	5.6	4.3	3.4	2.6	102.0	6.7	108.7
14) GAS REVENUE, M$	88.5	149.0	74.6	46.4	33.6	25.7	19.8	15.4	12.0	9.4	474.5	24.1	498.6
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.606	3.570	3.570	3.570	3.570	4.653	3.570	4.585
ECONOMICS, M$													
19) GROSS REV. TO INTR.	543.7	373.6	210.5	144.3	109.9	90.2	73.8	62.4	54.0	47.2	1709.7	238.4	1948.0
20) - SEV. TAX	39.2	27.7	15.5	10.6	8.1	6.6	5.4	4.6	3.9	3.4	125.1	17.1	142.2
21) - AD VALOREM TAX	0.9	0.6	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	2.7	0.4	3.1
22) - OPERATING COSTS	21.7	20.4	20.0	19.8	19.7	19.6	19.6	19.5	19.5	19.5	199.4	153.5	352.9
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	481.9	324.9	174.6	113.7	82.0	63.8	48.8	38.3	30.5	24.3	1382.5	67.4	1449.9
29) - INVESTMENTS & RSK	515.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	515.2	-33.0	482.2
30) = BFIT NET	-33.3	324.9	174.6	113.7	82.0	63.8	48.8	38.3	30.5	24.3	867.3	100.4	967.7
PRESENT WORTH @ 10.00 %													
31) NET INCOME	462.1	282.6	138.0	81.6	53.5	37.8	26.3	18.8	13.6	9.8	1124.1	21.2	1145.3
32) INVESTMENTS & RISK	515.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	515.2	-6.0	509.2
33) BFIT NET	-53.1	282.6	138.0	81.6	53.5	37.8	26.3	18.8	13.6	9.8	608.9	27.2	636.2
34) CUM BFIT NET	-53.1	229.5	367.5	449.1	502.6	540.5	566.8	585.5	599.1	608.9	608.9	636.2	636.2

JAMES RANCH UNIT 31 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	17.9 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	325.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.2	0.0	325.2
3) DEPRECIABLE	190.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.0	-33.0	157.0
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	543.7	373.6	210.5	144.3	109.9	90.2	73.8	62.4	54.0	47.2	1709.7	238.4	1948.0
5) - SEVERANCE TAX	39.2	27.7	15.5	10.6	8.1	6.6	5.4	4.6	3.9	3.4	125.1	17.1	142.2
6) - OPR. COSTS & ATX	22.6	21.0	20.4	20.1	19.9	19.8	19.7	19.6	19.6	19.5	202.1	153.9	356.0
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	57.0	39.9	27.9	19.6	13.7	9.6	6.7	4.7	3.3	2.3	184.6	5.4	190.0
12) = NET	424.9	285.0	146.6	94.1	68.3	54.2	42.1	33.6	27.2	22.0	1197.9	62.1	1259.9
13) - DEPLETION TAKEN	80.9	46.9	32.0	24.4	19.7	16.5	14.2	12.5	11.2	10.1	268.2	57.0	325.2
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	344.0	238.1	114.6	69.8	48.6	37.7	27.8	21.1	16.0	11.9	929.7	5.1	934.7
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	117.0	81.0	39.0	23.7	16.5	12.8	9.5	7.2	5.4	4.0	316.1	1.7	317.8
19) REVENUE-SEV	504.5	345.9	194.9	133.7	101.9	83.6	68.4	57.9	50.0	43.8	1584.6	221.3	1805.9
20) - OPR. COSTS & ATX	22.6	21.0	20.4	20.1	19.9	19.8	19.7	19.6	19.6	19.5	202.1	153.9	356.0
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	117.0	81.0	39.0	23.7	16.5	12.8	9.5	7.2	5.4	4.0	316.1	1.7	317.8
24) = A.F.I.T.	364.9	243.9	135.6	89.9	65.4	51.0	39.3	31.1	25.0	20.2	1066.4	65.7	1132.1
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	364.9	243.9	135.6	89.9	65.4	51.0	39.3	31.1	25.0	20.2	1066.4	65.7	1132.1
28) - INVESTMENTS & RSK	515.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	515.2	-33.0	482.2
29) = A.F.I.T. NET	-150.3	243.9	135.6	89.9	65.4	51.0	39.3	31.1	25.0	20.2	551.2	98.7	649.9
PRESENT WORTH @ 10.00 %													
30) NET INCOME	347.9	211.4	106.8	64.4	42.6	30.2	21.2	15.2	11.1	8.2	859.1	19.9	879.0
31) INVESTMENTS & RISK	515.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	515.2	-6.0	509.2
32) A.F.I.T. NET	-167.3	211.4	106.8	64.4	42.6	30.2	21.2	15.2	11.1	8.2	343.9	25.9	369.8
33) CUM. A.F.I.T. NET	-167.3	44.2	151.0	215.4	258.1	288.2	309.4	324.6	335.7	343.9	343.9	369.8	369.8

JAMES RANCH UNIT 31 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	967.716	649.912	984.716
5.	772.787	483.758	666.255
10.	636.153	369.845	481.440
15.	534.275	286.150	359.029
20.	454.777	221.445	270.752
25.	390.609	169.507	203.306
30.	337.463	126.625	149.629
35.	292.552	90.443	105.607
40.	253.985	59.389	68.669
50.	190.906	8.577	9.766
60.	141.230	-31.508	-35.468
70.	100.907	-64.128	-71.540
80.	67.405	-91.307	-101.118
90.	39.051	-114.379	-125.902
100.	14.691	-134.263	-147.031
RATE OF RETURN, PCT.	100.0	52.1	
UNDISCOUNTED PAYOUT, YRS.	1.10	1.62	
DISCOUNTED PAYOUT, YRS.	1.19	1.79	
UNDISCOUNTED NET/INVEST.	3.01	2.35	
DISCOUNTED NET/INVEST.	2.25	1.73	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #33 FORMATION DELAWARE

LOCATION B UNIT, 660 FEET FROM NORTH LINE & 1813 FEET FROM EAST LINE

SECTION 1 TOWNSHIP 23S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 7/01/00 COMPLETION DATE 8/3/00 INITIAL PRODUCTION 8/4/00

PERFORATIONS 7290-7294', 7502-7506', 7600-7604'

STIMULATION:

ACID

FRACTURE 7290-7604', Frac w/ 87,185 gal Viking 30, 235,850# 16/30 Brady Sand, 65,490# CR-4000.

POTENTIAL *8/30/00 Pmp 125 BO 108 MCF 158 BW*

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	13.0%			
Water saturation (Sw), %	60%			
Net Thickness (h), ft.	27			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,202			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	43,569			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 9,835 BBLS

PRODUCING

INITIAL RATE (qi) 2,006

ECONOMIC LIMIT (ql) 94

DECLINE RATE, dy (Hyperbolic, n=.1.01) 52.44%

REMAINING OIL (Q) = 67,065

ULTIMATE RECOVERABLE OIL 76,800

(Attach plat showing proration unit and participating area.)

ECONOMIC

WELL COST $ 503,000 (to the depth of formation completed)

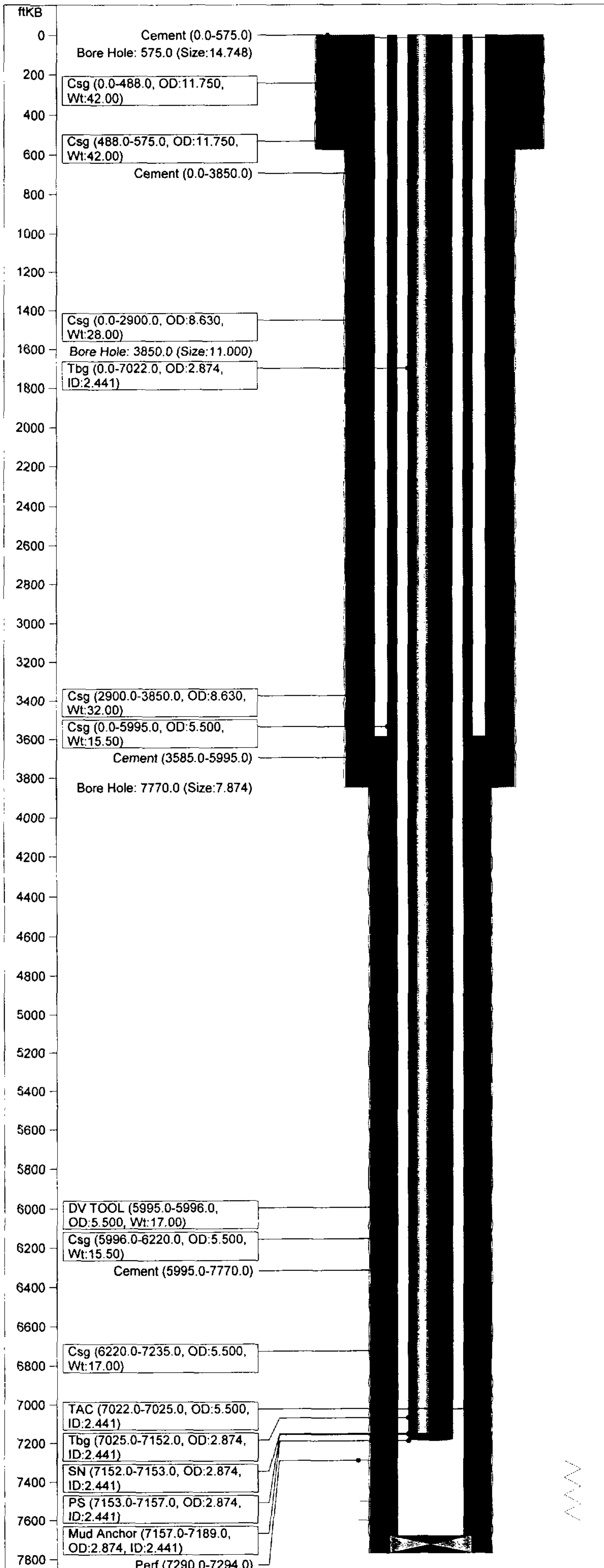
RECOMPLETION COST $ ____________

TOTAL COST $ 503,000

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-503,000
1	11,800	340,200	35,300	299,600
2	15,200	445,300	55,300	359,300
3	8,900	211,200	36,500	146,000
4	6,300	136,300	30,400	80,400
5	4,900	100,700	27,600	50,500
6	4,000	82,000	26,000	35,100
7	3,400	67,200	24,800	24,200
8	2,900	57,400	24,000	17,300
9	2,600	50,400	23,400	12,700
10	2,300	44,800	23,000	9,400
REMAINDER	14,500	272,800	200,300	23,100
TOTAL	76,800	1,808,300	506,600	554,600

WELL IS COMMERCIAL

3001531207 12/20/2000



JAMES RANCH UNIT #33

API No.	3001531207	Comments	
TD	7770.0 ftKB	Status	ACT OIL
PBTD	7680.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	33	Spud	7/1/2000
ID Code		RR	7/16/2000
Field	QUAHADA RIDGE, SW	Completion	7/30/2000
Author	CDP	Last Act.	
Date Updated	7/21/2000	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	660.0 ft N
		Top EW Distance	1813.0 ft E
Section	1	Bottom Latitude	0
Unit Ltr.	B	Bottom Longitude	0
State	EDDY	Btm NS Distance	0.0 ft
County	NEW MEXICO	Btm EW Distance	0.0 ft

Elevations

KB	3313.0 ft	Cas Flng	0.0 ft
Grd	3299.0 ft	Tub Head	0.0 ft
KB-Grd	14.0 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/1/2000	0.0	488.0	12	11.750	11.080	42.00	H40	STC
Csg	7/1/2000	488.0	575.0	2	11.750	11.080	42.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/8/2000	0.0	2900.0	66	8.630	8.020	28.00	J55	LTC
Csg	7/8/2000	2900.0	3850.0	23	8.630	7.920	32.00	J55	STC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/16/2000	0.0	5995.0	135	5.500	4.950	15.50	J55	LTC
DV TOOL	7/16/2000	5995.0	5996.0		5.500	4.890	17.00	J55	LTC
Csg	7/16/2000	5996.0	6220.0	6	5.500	4.950	15.50	J55	LTC
Csg	7/16/2000	6220.0	7235.0	26	5.500	4.890	17.00	L80	LTC
Casing	7/16/2000	7235.0	7770.0	12	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	7/1/2000	0.0	575.0	340	
Intermediate Casing	7/8/2000	0.0	3850.0	1400	
Production Casing	7/16/2000	3585.0	5995.0	345	TOC BY TS
Production Casing	7/16/2000	5995.0	7770.0	300	

Tubing String - TUBING

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	8/1/2000	0.0	7022.0	221	2.874	2.441	6.50	J55	EUE
TAC	8/1/2000	7022.0	7025.0		5.500	2.441	6.50		
Tbg	8/1/2000	7025.0	7152.0	4	2.874	2.441	6.50	J55	EUE
SN	8/1/2000	7152.0	7153.0		2.874	2.441	6.50		
PS	8/1/2000	7153.0	7157.0		2.874	2.441	6.50		
Mud Anchor	8/1/2000	7157.0	7189.0	1	2.874	2.441	6.50	J55	EUE

Other (plugs, equip., etc.) - Plug Backs

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
7/16/2000	Cmt	7680.0	7770.0	5.500	0.000

Perforations

Date	Int	Holes	Status
7/28/2000	7290.0 - 7294.0	8.0	OPEN
7/28/2000	7502.0 - 7506.0	8.0	OPEN
7/28/2000	7600.0 - 7604.0	8.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
7/31/2000	Sand Frac	7290.0 - 7604.0	87,185 gal Viking 30	235,850# 16/30 Brady, 65490# CR4000

WELL HISTORY

WELL NAME: James Ranch Unit #33

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 660' FNL & 1813' FEL, Sec 1, T23S, R30E,
Eddy County, New Mexico

ELEV: 3299.0' GL, 3313' KB

SPUD DATE: 7/01/2000, RR 7/17/2000

COMP DATE: 7/31/2000

ORIG TD: 7770'

ORIG PBTD: 7680'

CASING: 11 ¾" 42# WC40 575' w/340 sx, cmt circ, 14 ¾" hole.
8 5/8" 28# &32#,J55, CSA 3850' w/1400 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, J55, & L80, CSA 7770' w/300 sx 1ST STAGE DV TOOL @5994', 345 SXS 2ND STAGE, TOC 3585'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

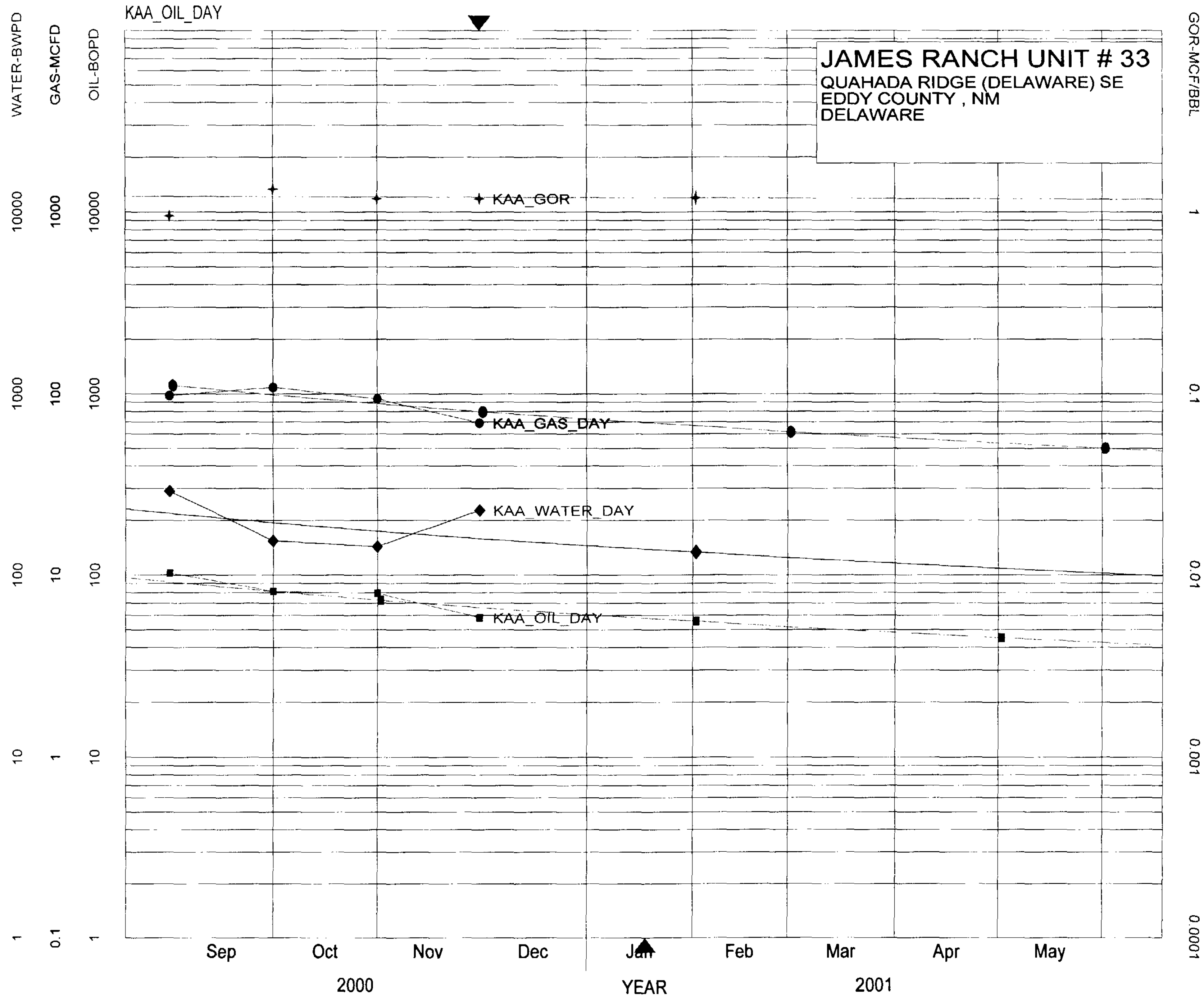
DST: None

CORES & LOGS: GR-CN-LDT-AIT(PLATFORM EXPRESS)

INITIAL COMPLETION

7/1/2000 TO 7/17/2000 **INITIAL COMPLETION**
TD 7770', PBTD 7680'.Ran logs.

7/30/2000 TO 8/30/2000
Perf:7600-04'(4' 8 shots)LBC 7502-06' (4' 8 shots)LBC, 7290-94 (4' 8 shots)U-Sand,. Pmpd 15% HCL across all perfs. **Frac** w/87,185 gals Viking 30, 235,850# 16/30 Brady + 65,490# CR-4000. ISIP 830 15 min 590. Place on Prod. 24 hr test: 8/30/2000 (P) 125 BO + 158 BW + 108 MCF. TP - 250 psi, LP - 41 psi, CP - 300 psi. On 13/64" choke. BOL 3240.



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Qab=	0.0
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Qab=	1.5
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b=	0.000000
Qab=	0.5

CT I
French Dr., Hobbs, NM 88240
TRICT II
South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31207	50443	Quahada Ridge (Delaware) SW

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	33

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3299'

Surface Location

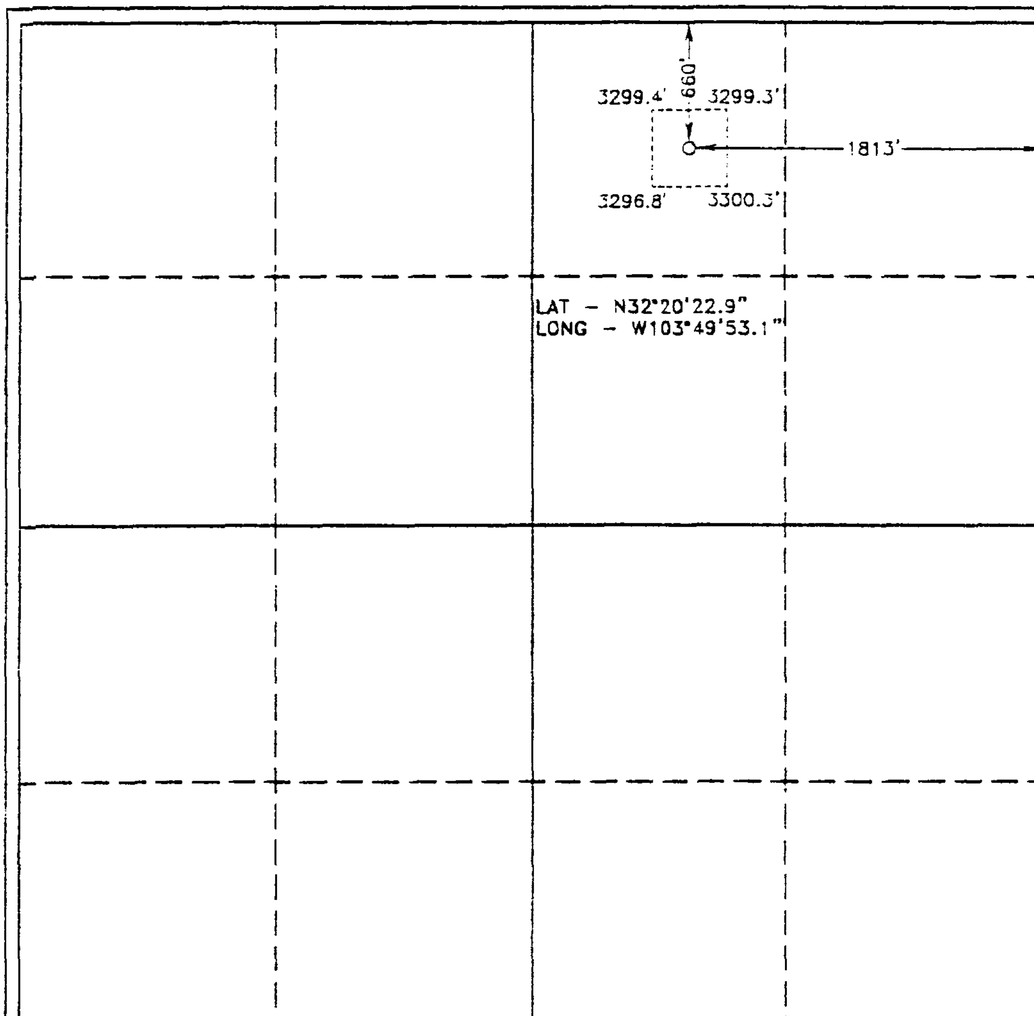
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	1	23 S	30 E		660	NORTH	1813	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

9/18/00
Date

SURVEYOR CERTIFICATION

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 belief.

March 17, 2000

Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES NEW MEXICO 7977 PROFESSIONAL

W.O. No. 0114C

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02884-B

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other X

6. If Indian, Allotee or Tribe Name - - -

b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr.,
Other

7. Unit or CA Agreement Name and No. James Ranch Unit

2. Name of Operator
Bass Enterprises Production Co.

8. Lease Name and Well No. James Ranch Unit #33

3. Address
P. O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code) (915) 683-2277

9. API Well No. 30-015-31207

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FNL & 1813' FEL, Unit Letter B

At top prod. interval reported below Same

At total depth Same

10. Field and Pool, or Exploratory Quahada Ridge (Delaware) SW

11. Sec., T., R., M., or Block and Survey or Area Section 1, T23S-R30E

12. County or Parish Eddy

13. State New Mexico

14. Date Spudded 7/1/00

15. Date T.D. Reached 7/16/00

16. Date Completed [ ] D & A [X] Ready to Prod. 8/3/00

17. Elevations (DF, RKB, RT, GL)* 3299.1' GL, 3311.3 DF

18. Total Depth: MD 7770' TVD

19. Plug Back T.D.: MD 7680' TVD

20. Depth Bridge Plug Set: MD N/A TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
LD-CNL/GR

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
-3/4"	11-3/4"	42#		575'		240 sx	N/A	Surface	N/A
11"	8-5/8"	28#		3850'		1400 sx	N/A	Surface	N/A
-7/8"	5-1/2"	17#		7770'		645 sx	N/A	3585' (TS)	N/A

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7189'	7189' SN						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
)	Delaware	7290'	7294'	7290-04'	4'	8	Producing
)	Delaware	7502'	7506'	7502-06'	4'	8	Producing
)	Delaware	7600'	7604'	7600-04'	4'	8	Producing
)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7290-7604'	Acidize w/ 1500 gals 15% HCl
	Frac w/ 87,185 gals + 235,850# 16/30 BS + 65,490# CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
8/4/00	8/30/00	24	→	125	108	158	42.9		Pumping
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
13/64"	250	300	→	125	108	158	864	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
			→						

JAMES RANCH UNIT 33 QUAHADA

Date: 01/18/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	08/2000 3183 2440 2461 1751 #							19.670	11/2000			
401 GAS	08/2000 3030 3262 2909 2072 #							22.546	11/2000			
402 WTR	08/2000 8987 4632 4443 6823 #							24.885	11/2000			
403 START	12/2000											
404 OIL	2006.01	X	B/M	4/2019	AD	B/1.010	52.45	76.882	3/2019	66.9	2006.	96.
405 "	95.74	X	B/M	1.30	IMU	EXP	5.00	78.183	5/2020	5.0	96.	90.
406 START	12/2000											
407 GAS/OIL	1.21	0.47	M/B	TO	LIFE	LOG	TIME		5/2020			
408 START	12/2000											
409 WTR	4805.02	X	B/M	251.76	IMU	B/1.010	52.14	251.758	5/2020	66.5	4805.	45.
410 START	08/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		5/2020		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		5/2020		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		5/2020		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		5/2020		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		7/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		7/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		5/2020		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		5/2020		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		7/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		7/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		7/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		7/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24007.000
541 PRI/GAS	-0.3100	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.310	24007.000
600 OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		5/2020		1600.000	1600.000

```
601 OPC/WTR      0.08      0.08 $/U      TO       LIFE      PC        0.00                7/2000                    0.080        0.080

602 ATX          0.17      X    %        TO       LIFE      PC        0.00                5/2020                    0.002        0.002

602 OPC/T        0.00      X    $/M      TO       LIFE      PC        0.00                5/2020                              1600.000

603 STX/OIL      7.08      X    %        TO       LIFE      PC        0.00                5/2020                    0.071        0.071

604 ATX          0.00      X    %        TO       LIFE      PC        0.00                5/2020                                 0.002

604 STX/GAS      7.93      X    %        TO       LIFE      PC        0.00                5/2020                    0.079        0.079

605 STX/OIL      0.00      X    %        TO       LIFE      PC        0.00                5/2020                                 0.071
606 STX/GAS      0.00      X    %        TO       LIFE      PC        0.00                5/2020                                 0.079

705 LSE/WI     100.0000    D    %        TO       LIFE      FLAT      0.00                5/2020                    1.000        1.000

720 NET/OIL     86.5000    D    %        TO       LIFE      FLAT      0.00                5/2020                    0.865        0.865
740 NET/GAS     86.5000    D    %        TO       LIFE      FLAT      0.00                5/2020                    0.865        0.865

780 LSE/NPI      0.0000    D    %        TO       LIFE      FLAT      0.00                5/2020

OVERLAYS      Scheduling Rates          Schdule Until    Procedure          Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    -------------    ---------------    ---------- ------- ---------  ----------  ----------
900 OIL     08/2000 3183 2440 2461 1751 #                                    19.670 11/2000

901 GAS     08/2000 3030 3262 2909 2072 #                                    22.546 11/2000

902 WTR     08/2000 8987 4632 4443 6823 #                                    24.885 11/2000

INVESTMENT    Tangibles & Intangibles    Time            Procedure          Total T&I    Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    -------------    ---------------    ---------- ------- ---------  ----------  ----------
800 DRILL       127.59    375.39 M$G     08/2000 AD      PC        0.00      502.977  8/2000        0         502.9       502.9
801 SALV        -33.00      0.00 M$G     TO       LIFE   PC        0.00      -33.000  5/2020        0         -33.0       -33.0

MISC. PARAMETERS            Item                       Item
----------------------      ------------------         ------------------    ---------------  ---------------  ---------------
201 CUMO, MB      9.84      CUMG, MMF    11.27         CUML, MB
250 LOSS     NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 08/2000  Time Frames :  5,48*12,619
P.W. Date   : 08/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 08/2000
Qualifiers  :   Prod = CD            Price = CD             Cost   = CD          Owner   = CD
               Title = DEFAULT       Misc  = CD             Invest = CD          Overlay = CD
NET/WTR          WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 33 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 08/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.7 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	503.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.0	-33.0	470.0
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	470.0	470.0
OIL PHASE													
8) GROSS OIL, MB	11.8	15.2	8.9	6.3	4.9	4.0	3.4	2.9	2.6	2.3	62.4	14.5	76.9
9) NET OIL, MB	10.2	13.2	7.7	5.5	4.2	3.5	2.9	2.5	2.2	2.0	53.9	12.5	66.5
10) OIL REVENUE, M$	298.3	329.1	170.2	114.4	85.7	70.5	58.1	49.9	44.0	39.4	1259.7	245.7	1505.4
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.79	19.59	19.59	19.59	23.35	19.59	22.64
GAS PHASE													
12) GROSS GAS, MMF	13.6	17.9	9.9	6.7	5.0	3.9	3.1	2.6	2.2	1.8	66.7	9.3	75.9
13) NET GAS, MMF	11.7	15.5	8.6	5.8	4.3	3.3	2.7	2.2	1.9	1.6	57.7	8.0	65.7
14) GAS REVENUE, M$	41.9	116.2	40.9	21.9	15.0	11.5	9.1	7.5	6.3	5.4	275.9	27.1	303.0
15) GAS PRICE, $/MCF	3.570	7.510	4.760	3.770	3.490	3.426	3.390	3.390	3.390	3.390	4.785	3.390	4.615
ECONOMICS, M$													
19) GROSS REV. TO INTR.	340.2	445.3	211.2	136.3	100.7	82.0	67.2	57.4	50.4	44.8	1535.6	272.8	1808.4
20) - SEV. TAX	24.4	32.5	15.3	9.8	7.3	5.9	4.8	4.1	3.6	3.2	111.1	19.5	130.6
21) - AD VALOREM TAX	0.5	0.7	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	2.4	0.4	2.9
22) - OPERATING COSTS	10.4	22.1	20.9	20.4	20.1	20.0	19.9	19.8	19.7	19.7	192.9	180.4	373.3
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	304.9	390.0	174.6	105.8	73.2	56.0	42.4	33.4	27.0	21.9	1229.2	72.4	1301.6
29) - INVESTMENTS & RSK	503.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.0	-33.0	470.0
30) = BFIT NET	-198.1	390.0	174.6	105.8	73.2	56.0	42.4	33.4	27.0	21.9	726.2	105.4	831.6
PRESENT WORTH @ 10.00 %													
31) NET INCOME	299.6	359.6	146.0	80.4	50.5	35.1	24.2	17.3	12.7	9.4	1034.8	23.1	1057.9
32) INVESTMENTS & RISK	503.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.0	-5.6	497.4
33) BFIT NET	-203.4	359.6	146.0	80.4	50.5	35.1	24.2	17.3	12.7	9.4	531.8	28.7	560.5
34) CUM BFIT NET	-203.4	156.2	302.2	382.6	433.1	468.2	492.4	509.8	522.5	531.8	531.8	560.5	560.5

JAMES RANCH UNIT 33 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 08/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.7 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	375.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375.4	0.0	375.4
3) DEPRECIABLE	127.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.6	-33.0	94.6
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	340.2	445.3	211.2	136.3	100.7	82.0	67.2	57.4	50.4	44.8	1535.6	272.8	1808.4
5) - SEVERANCE TAX	24.4	32.5	15.3	9.8	7.3	5.9	4.8	4.1	3.6	3.2	111.1	19.5	130.6
6) - OPR. COSTS & ATX	10.9	22.8	21.3	20.6	20.3	20.1	20.0	19.9	19.8	19.7	195.4	180.8	376.2
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	38.3	26.8	18.8	13.1	9.2	6.4	4.5	3.2	2.2	1.5	124.0	3.6	127.6
12) = NET	266.6	363.2	155.9	92.7	64.0	49.6	37.9	30.3	24.8	20.3	1105.2	68.8	1174.0
13) - DEPLETION TAKEN	57.4	74.4	43.4	30.8	23.9	19.6	16.6	14.4	12.7	11.4	304.6	70.8	375.4
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	209.2	288.8	112.4	61.9	40.0	30.0	21.3	15.9	12.1	9.0	800.6	-2.0	798.6
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	71.1	98.2	38.2	21.0	13.6	10.2	7.3	5.4	4.1	3.1	272.2	-0.7	271.5
19) REVENUE-SEV	315.8	412.8	195.9	126.5	93.5	76.1	62.4	53.3	46.7	41.6	1424.5	253.3	1677.8
20) - OPR. COSTS & ATX	10.9	22.8	21.3	20.6	20.3	20.1	20.0	19.9	19.8	19.7	195.4	180.8	376.2
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	71.1	98.2	38.2	21.0	13.6	10.2	7.3	5.4	4.1	3.1	272.2	-0.7	271.5
24) = A.F.I.T.	233.8	291.8	136.4	84.8	59.6	45.8	35.2	28.0	22.9	18.8	957.0	73.1	1030.1
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	233.8	291.8	136.4	84.8	59.6	45.8	35.2	28.0	22.9	18.8	957.0	73.1	1030.1
28) - INVESTMENTS & RSK	503.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.0	-33.0	470.0
29) = A.F.I.T. NET	-269.2	291.8	136.4	84.8	59.6	45.8	35.2	28.0	22.9	18.8	454.0	106.1	560.1
PRESENT WORTH @ 10.00 %													
30) NET INCOME	229.2	267.4	113.6	64.2	41.0	28.7	20.0	14.5	10.7	8.0	797.3	22.4	819.8
31) INVESTMENTS & RISK	503.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.0	-5.6	497.4
32) A.F.I.T. NET	-273.8	267.4	113.6	64.2	41.0	28.7	20.0	14.5	10.7	8.0	294.4	28.0	322.4
33) CUM. A.F.I.T. NET	-273.8	-6.4	107.2	171.4	212.4	241.1	261.1	275.6	286.3	294.4	294.4	322.4	322.4

JAMES RANCH UNIT 33 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 08/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	831.614	560.085	848.614
5.	670.792	417.497	576.814
10.	560.507	322.390	421.932
15.	479.146	253.596	320.397
20.	415.887	200.817	247.507
25.	364.799	158.570	191.870
30.	322.364	123.686	147.534
35.	286.353	94.203	111.081
40.	255.276	68.831	80.396
50.	204.046	27.116	31.206
60.	163.255	-6.024	-6.855
70.	129.784	-33.181	-37.430
80.	101.685	-55.961	-62.677
90.	77.668	-75.419	-83.969
100.	56.840	-92.286	-102.231
RATE OF RETURN, PCT.	100.0	58.2	
UNDISCOUNTED PAYOUT, YRS.	0.92	1.34	
DISCOUNTED PAYOUT, YRS.	0.98	1.47	
UNDISCOUNTED NET/INVEST.	2.77	2.19	
DISCOUNTED NET/INVEST.	2.13	1.65	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #34 FORMATION DELAWARE

LOCATION p UNIT, 660 FEET FROM SOUTH LINE & 660 FEET FROM EAST LINE

SECTION 36 TOWNSHIP 22S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 5/10/00 COMPLETION DATE 6/8/00 INITIAL PRODUCTION 6/11/00

PERFORATIONS 7555-60'

STIMULATION:

ACID

FRACTURE 7555-60', Frac w/49,000 gal Viking 30 158,000# 16/30 Brady, 40,000# 16/30 CR-4000.

POTENTIAL 6/14/00 Pmp 143 BO 143 MCF 220 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	12.5%			
Water saturation (Sw), %	55%			
Net Thickness (h), ft.	36			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,249			
Recovery factor (RF), %	15%			
*Recoverable oil, Bbls *(See eq. below)*	62,840			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 8,403 BBLS

	PRODUCING
INITIAL RATE (qi)	846
ECONOMIC LIMIT (ql)	60
DECLINE RATE, dy (Hyperbolic, n=1.01)	42.71%
REMAINING OIL (Q) =	31,597
ULTIMATE RECOVERABLE OIL	39,900

(Attach plat showing proration unit and participating area.)

ECONOMIC

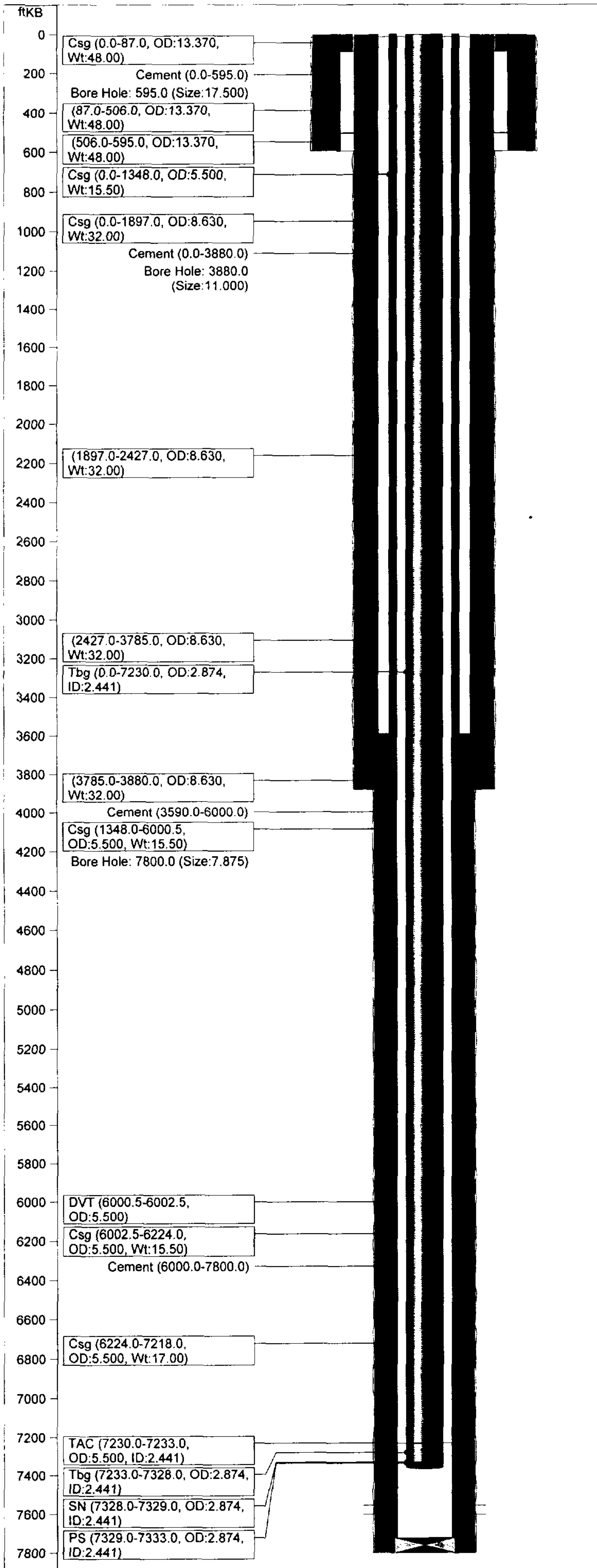
WELL COST $ 508,600 (to the depth of formation completed)

RECOMPLETION COST $ ______

TOTAL COST $ 508,600

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-508,600
1	9,200	287,300	33,800	238,400
2	7,200	276,200	41,300	204,600
3	4,700	136,900	30,200	84,400
4	3,500	89,400	26,300	45,300
5	2,800	66,700	24,600	27,500
6	2,300	54,400	23,600	18,300
7	2,000	44,700	22,900	11,900
8	1,700	38,200	22,300	7,800
9	1,500	33,400	21,900	5,100
10	1,400	29,600	21,500	3,300
REMAINDER	3,600	74,300	65,200	3,200
TOTAL	39,900	1,131,100	333,600	141,200

WELL IS COMMERCIAL



JAMES RANCH UNIT #34

API No.	3001531064	Comments	
TD	7800.0 ftKB	Status	ACT OIL
PBTD	7722.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	34	Spud	5/10/2000
ID Code	C%QGDLV8.034	RR	5/23/2000
Field	QUAHADA RIDGE, SE (DELAWARE)	Completion	6/5/2000
Author	CDP	Last Act.	
Date Updated	6/22/2000	Abandoned	

Location

Township	22S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	660.0 ft S
		Top EW Distance	660.0 ft E
Section	36	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3324.6 ft	Cas Flng	0.0 ft
Grd	3311.0 ft	Tub Head	0.0 ft
KB-Grd	13.6 ft		

Casing String - Surface

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	5/11/2000	0.0	87.0	2	13.370	12.720	48.00	WC40	STC
	5/11/2000	87.0	506.0	9	13.370	12.720	48.00	H40	STC
	5/11/2000	506.0	595.0	2	13.370	12.720	48.00	WC40	STC

Casing String - Intermediate

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	5/17/2000	0.0	1897.0	44	8.630	7.920	32.00	WC50	LTC
	5/17/2000	1897.0	2427.0	12	8.630	7.920	32.00	J55	LTC
	5/17/2000	2427.0	3785.0	32	8.630	7.920	32.00	WC50	LTC
	5/17/2000	3785.0	3880.0	2	8.630	7.920	32.00	HCK55	LTC

Casing String - Production

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg		0.0	1348.0	33	5.500	4.950	15.50	K55	LTC
Csg		1348.0	6000.5	107	5.500	4.950	15.50	J55	LTC
DVT		6000.5	6002.5		5.500	4.950	0.00		
Csg		6002.5	6224.0	5	5.500	4.950	15.50	J55	LTC
Csg		6224.0	7218.0	23	5.500	4.890	17.00	K55	LTC
Csg		7218.0	7800.0	15	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface	5/11/2000	0.0	595.0	495	
Intermediate	5/17/2000	0.0	3880.0	850	
Production	5/23/2000	3590.0	6000.0	335	TOC Temp Survey
Production	5/23/2000	6000.0	7800.0	300	

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	6/7/2000	0.0	7230.0	228	2.874	2.441	6.40	J55	
TAC	6/7/2000	7230.0	7233.0		5.500	2.441	0.00		
Tbg	6/7/2000	7233.0	7328.0	3	2.874	2.441	6.40	J55	
SN	6/7/2000	7328.0	7329.0		2.874	2.441	0.00		
PS	6/7/2000	7329.0	7333.0		2.874	2.441	0.00		
MUD JT	6/7/2000	7333.0	7365.0	1	2.874	2.441	6.40	J55	

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
5/23/2000	Cement Plug	7722.0	7800.0	4.890	0.000

Perforations

Date	Int	Holes	Status
6/5/2000	7555.0 - 7600.0	4.0	Open

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
6/6/2000	Fracture	7555.0 - 7600.0	49,000 Gal Viking 30	158,000# 16/30 Brady 40,000# CR4000

WELL HISTORY

WELL NAME:	James Ranch Unit #34
FIELD NAME:	Quahada Ridge, S.E.
LOCATION:	660' FSL & 660' FEL, Sec 36, T22S, R30E, Eddy County, New Mexico
ELEV:	3311.0' GL, 3324' KB
SPUD DATE:	5/10/2000, RR 5/23/2000
COMP DATE:	6/5/2000
ORIG TD:	7800'
ORIG PBTD:	7722'
CASING:	13 3/8' 48# H-40 & WC40 CSA 595' w/495 sx, cmt circ, 17 ½" hole. 8 5/8" 32#, WC50, J55, & HCK55, CSA 3880' w/850 sx, cmt circ, 11' hole. 5 ½ 15.5 & 17#, J-55, K55, & L80, CSA 7800' w/535 sx, TOC 3590'(TS).
TUBING:	2 7/8", 6.5# J-55, 8 RD
DST:	None
CORES & LOGS:	GR-CN-LDT-AIT(PLATFORM EXPRESS)

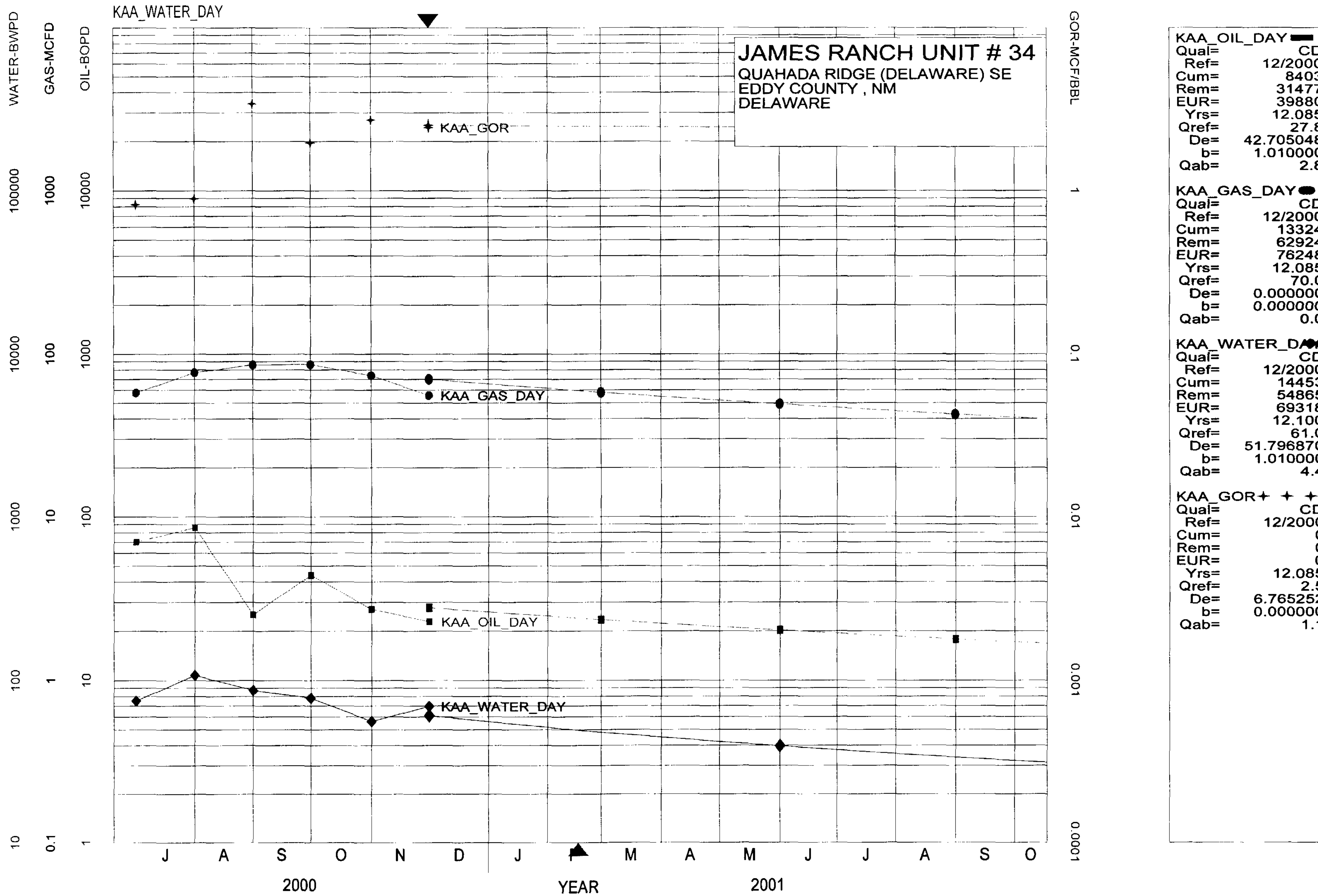
INITIAL COMPLETION

5/10/00 TO 5/23/00 **INITIAL COMPLETION**

TD 7800', PBTD 7722'.Ran logs.

6/2/00 TO 6/20/00

Perf: 7555-7560', total 20 holes, 4 SPF. Breakdown fm @ 2200 psi. **frac** w/ 49,000 gal Viking 30 + 158,000# 16/30 Brady + 40,000# 16/30 CR-4000. Open to pit 60 min ½ bpm. Clean out, RIH w/ tbg and rods, place on test. 6/14/2000 143 BO, 220 BW, 143 MCF.



KAA_WATER_DAY
WATER-BWPD
GAS-MCFD
OIL-BOPD
GOR-MCF/BBL
JAMES RANCH UNIT # 34
QUAHADA RIDGE (DELAWARE) SE
EDDY COUNTY , NM
DELAWARE
KAA_GOR
KAA_GAS_DAY
KAA_OIL_DAY
KAA_WATER_DAY
100000
10000
1000
100
10
1000
100
10
1
0.1
10000
1000
100
10
1
1
0.1
0.01
0.001
0.0001
J A S O N D J F M A M J J A S O
2000
YEAR
2001
KAA_OIL_DAY
Qual= CD
Ref= 12/2000
Cum= 8403
Rem= 31477
EUR= 39880
Yrs= 12.085
Qref= 27.8
De= 42.705048
b= 1.010000
Qab= 2.8
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b= 0.000000
Qab= 0.0
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Qref= 61.0
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b= 1.010000
Qab= 4.4
KAA_GOR
Qual= CD
Ref= 12/2000
Cum= 0
Rem= 0
EUR= 0
Yrs= 12.085
Qref= 2.5
De= 6.765252
b= 0.000000
Qab= 1.1

CT I
French Dr., Hobbs, NM 88240
RICT II
outh First, Artesia, NM 88210
TRICT III
Rio Brazos Rd., Aztec, NM 87410
ISTRICT IV
040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31064	50443	Quahada Ridge (Delaware) Southeast

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	34

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3311'

Surface Location

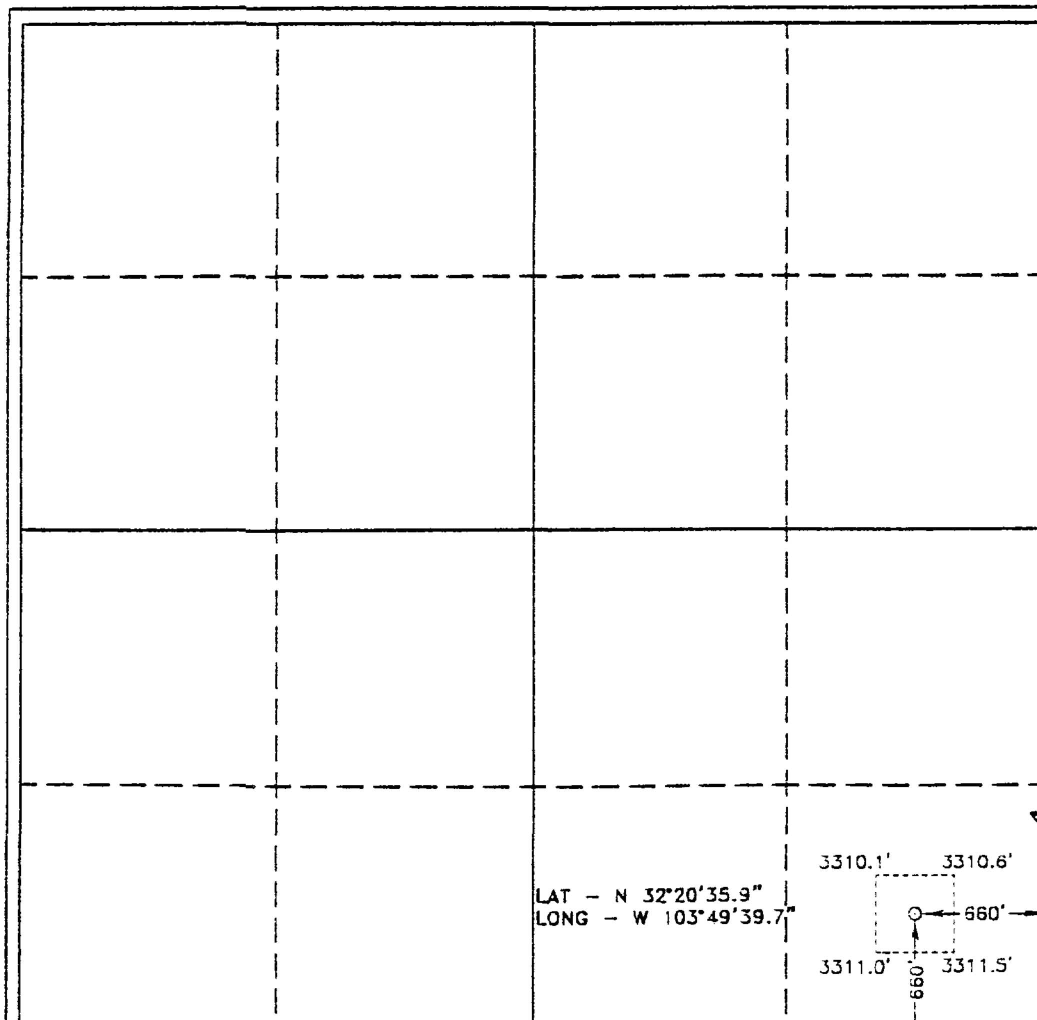
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	22 S	30 E		660	SOUTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

6/19/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

February 28, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
PROFESSIONAL LAND SURVEYOR

W.O. No. 0114C

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

to Appropriate
t Office
Lease - 6 copies
Lease - 5 copies
STRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-015-31064

5. Indicate Type Of Lease: STATE [X] FEE [ ]

6. State Oil & Gas Lease No. 001786

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR [ ] OTHER

7. Lease Name or Unit Agreement Name: James Ranch Unit

2. Name of Operator: Bass Enterprises Production Co.

8. Well No. 34

3. Address of Operator: P.O. Box 2760 Midland, TX 79702-2760

9. Pool name or Wildcat: Quahada Ridge (Delaware) Southeast

4. Well Location
Unit Letter P : 660' Feet From The South Line and 660' Feet From The East Line
Section 36 Township 22S Range 30E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl.(Ready to Prod.)	13. Elevations(DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
5/9/00	5/23/00	6/8/00	3311.3' GL, 3324.6' KB	- - -

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7800'	7722'	Single		Yes	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 7555-60' (Delaware)

20. Was Directional Survey Made: Yes

21. Type Electric and Other Logs Run: Array Induction Imager - GR; LD-CNL-GR

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	595'	17-1/2"	395 sx Class C	- - -
8-5/8"	32#	3880'	11"	850 sx Poz C/Class C	- - -
5-1/2"	17#, 15.5#	7800'	7-7/8"	635 sx 3590 TOC (TS)	- - -

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7365'	7328' SN

26. Perforation record (interval, size, and number): 7555-60' (5', 20 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7555-60'	Frac w/49,000 gals Viking 30 +
	158,000# 16/30 Brady Sand +
	40,000# CR-4000

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
6/11/00	Pumping, 9 X 100" X 1-3/4"	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/14/00	24 hours	14/64		143	143	220	1000

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
125	75		143	143	220	45.6

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sales, Lease Use

Test Witnessed By

30. List Attachments: C-102, C-104, Logs, Directional Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature ____________ Printed Name Tami Wilber Title Production Clerk Date 6/19/00

JAMES RANCH UNIT 34 QUAHADA

Date: 01/18/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	06/2000 2106 2666 782 1319 844 686 #							8.403	11/2000			
401 GAS	06/2000 1734 2385 2662 2589 2284 1670 #							13.324	11/2000			
402 WTR	06/2000 2255 3334 2694 2342 1742 2086 #							14.453	11/2000			
403 START	12/2000											
404 OIL	845.87	60.00	B/M	X	IMU	B/1.010	42.71	36.455	10/2018	52.6	846.	60.
405 START	12/2000											
406 GAS/OIL	2.52	0.70	M/B	TO	LIFE	LOG	TIME		10/2018			
407 START	12/2000											
408 WTR	1854.91	X	B/M	86.58	IMU	B/1.010	51.80	86.578	4/2058	66.0	1855.	30.
409 START	06/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		10/2018		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		10/2018		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		10/2018		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		10/2018		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		5/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		5/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		10/2018		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		10/2018		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		5/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		5/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		5/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		5/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24005.000
541 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24005.000
600 OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		10/2018		1600.000	1600.000
601 OPC/WTR	0.08	0.08	$/U	TO	LIFE	PC	0.00		5/2000		0.080	0.080

```
602 ATX          0.17    X    %        TO      LIFE     PC       0.00              10/2018                       0.002       0.002

602 OPC/T        0.00    X    $/M      TO      LIFE     PC       0.00              10/2018                                1600.000

603 STX/OIL      7.08    X    %        TO      LIFE     PC       0.00              10/2018                       0.071       0.071

604 ATX          0.00    X    %        TO      LIFE     PC       0.00              10/2018                                   0.002

604 STX/GAS      7.93    X    %        TO      LIFE     PC       0.00              10/2018                       0.079       0.079

605 STX/OIL      0.00    X    %        TO      LIFE     PC       0.00              10/2018                                   0.071
606 STX/GAS      0.00    X    %        TO      LIFE     PC       0.00              10/2018                                   0.079

705 LSE/WI   100.0000    D    %        TO      LIFE     FLAT     0.00              10/2018                       1.000       1.000

720 NET/OIL   87.5000    D    %        TO      LIFE     FLAT     0.00              10/2018                       0.875       0.875
740 NET/GAS   87.5000    D    %        TO      LIFE     FLAT     0.00              10/2018                       0.875       0.875

780 LSE/NPI    0.0000    D    %        TO      LIFE     FLAT     0.00              10/2018

OVERLAYS      Scheduling Rates       Schdule Until    Procedure        Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    ---------------------- --------------   ---------------  ---------- ------- ---------  ----------  ----------
900 OIL     06/2000 2106 2666 782 1319 844 686 #                           8.403 11/2000

901 GAS     06/2000 1734 2385 2662 2589 2284 1670 #                       13.324 11/2000

902 WTR     06/2000 2255 3334 2694 2342 1742 2086 #                       14.453 11/2000

INVESTMENT    Tangibles & Intangibles  Time             Procedure        Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------   -------------    ---------------  ---------- ------- ---------  ----------  ----------
800 DRILL      167.77   340.84 M$G     06/2000 AD       PC       0.00    508.612  6/2000        0        508.6       508.6
801 SALV       -33.00     0.00 M$G     TO      LIFE     PC       0.00    -33.000 10/2018        0        -33.0       -33.0

MISC. PARAMETERS            Item                      Item
----------------------      ------------------        ------------------    ---------------  ---------------  ---------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :    Prod = CD            Price = CD             Cost   = CD           Owner   = CD
                Title = DEFAULT       Misc  = CD             Invest = CD           Overlay = CD
NET/WTR            WI
```

&11o4.45C &k2S (s16602T
JAMES RANCH UNIT 34 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S
AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	13.1 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	508.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	508.6	-33.0	475.6
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	475.6	475.6
OIL PHASE													
8) GROSS OIL, MB	9.2	7.2	4.7	3.5	2.8	2.3	2.0	1.7	1.5	1.4	36.4	3.6	40.0
9) NET OIL, MB	8.1	6.3	4.1	3.1	2.4	2.0	1.7	1.5	1.3	1.2	31.8	3.1	35.0
10) OIL REVENUE, M$	236.8	158.2	91.1	64.1	49.3	41.2	34.3	29.7	26.4	23.7	754.7	61.1	815.8
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.78	19.59	19.59	19.59	23.70	19.59	23.33
GAS PHASE													
12) GROSS GAS, MMF	15.4	17.5	10.6	7.3	5.4	4.2	3.3	2.7	2.3	1.9	70.7	4.2	74.9
13) NET GAS, MMF	13.5	15.3	9.3	6.4	4.7	3.7	2.9	2.4	2.0	1.7	61.8	3.7	65.5
14) GAS REVENUE, M$	50.5	118.0	45.8	25.3	17.4	13.3	10.5	8.5	7.0	5.9	302.1	13.2	315.3
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.606	3.570	3.570	3.570	3.570	4.886	3.570	4.812
ECONOMICS, M$													
19) GROSS REV. TO INTR.	287.3	276.2	136.9	89.4	66.7	54.4	44.7	38.2	33.4	29.6	1056.9	74.3	1131.1
20) - SEV. TAX	20.8	20.6	10.1	6.5	4.9	4.0	3.3	2.8	2.4	2.1	77.4	5.4	82.8
21) - AD VALOREM TAX	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	1.7	0.1	1.8
22) - OPERATING COSTS	12.5	20.3	19.9	19.7	19.6	19.5	19.5	19.4	19.4	19.4	189.1	59.7	248.8
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	253.5	234.9	106.7	63.0	42.1	30.9	22.0	15.9	11.5	8.1	788.7	9.1	797.8
29) - INVESTMENTS & RSK	508.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	508.6	-33.0	475.6
30) = BFIT NET	-255.1	234.9	106.7	63.0	42.1	30.9	22.0	15.9	11.5	8.1	280.1	42.1	322.2
PRESENT WORTH @ 10.00 %													
31) NET INCOME	238.4	204.6	84.4	45.3	27.5	18.3	11.9	7.8	5.1	3.3	646.7	3.2	649.9
32) INVESTMENTS & RISK	488.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.8	-9.6	479.3
33) BFIT NET	-250.4	204.6	84.4	45.3	27.5	18.3	11.9	7.8	5.1	3.3	157.9	12.8	170.7
34) CUM BFIT NET	-250.4	-45.8	38.7	84.0	111.5	129.8	141.7	149.5	154.6	157.9	157.9	170.7	170.7

JAMES RANCH UNIT 34 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R T A X E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	13.1 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	340.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340.8	0.0	340.8
3) DEPRECIABLE	167.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.8	-33.0	134.8
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	287.3	276.2	136.9	89.4	66.7	54.4	44.7	38.2	33.4	29.6	1056.9	74.3	1131.1
5) - SEVERANCE TAX	20.8	20.6	10.1	6.5	4.9	4.0	3.3	2.8	2.4	2.1	77.4	5.4	82.8
6) - OPR. COSTS & ATX	13.0	20.8	20.1	19.8	19.7	19.6	19.5	19.5	19.4	19.4	190.8	59.8	250.5
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	50.3	35.2	24.7	17.3	12.1	8.5	5.9	4.1	2.9	2.0	163.0	4.7	167.8
12) = NET	203.2	199.6	82.1	45.8	30.1	22.4	16.0	11.8	8.6	6.0	625.7	4.4	630.1
13) - DEPLETION TAKEN	78.7	61.7	40.1	29.8	23.7	19.7	16.9	14.8	13.1	11.8	310.4	30.4	340.8
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	124.5	137.9	42.0	16.0	6.3	2.7	-0.9	-3.0	-4.5	-5.8	315.2	-26.0	289.2
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	42.3	46.9	14.3	5.4	2.1	0.9	-0.3	-1.0	-1.5	-2.0	107.2	-8.8	98.3
19) REVENUE-SEV	266.5	255.6	126.8	82.8	61.8	50.5	41.5	35.4	31.0	27.5	979.5	68.9	1048.4
20) - OPR. COSTS & ATX	13.0	20.8	20.1	19.8	19.7	19.6	19.5	19.5	19.4	19.4	190.8	59.8	250.5
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	42.3	46.9	14.3	5.4	2.1	0.9	-0.3	-1.0	-1.5	-2.0	107.2	-8.8	98.3
24) = A.F.I.T.	211.2	188.0	92.5	57.6	40.0	30.0	22.3	17.0	13.1	10.0	681.5	18.0	699.5
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	211.2	188.0	92.5	57.6	40.0	30.0	22.3	17.0	13.1	10.0	681.5	18.0	699.5
28) - INVESTMENTS & RSK	508.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	508.6	-33.0	475.6
29) = A.F.I.T. NET	-297.4	188.0	92.5	57.6	40.0	30.0	22.3	17.0	13.1	10.0	172.9	51.0	223.9
PRESENT WORTH @ 10.00 %													
30) NET INCOME	201.4	162.9	72.9	41.3	26.0	17.7	12.0	8.3	5.8	4.1	552.4	6.1	558.5
31) INVESTMENTS & RISK	488.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.8	-9.6	479.3
32) A.F.I.T. NET	-287.4	162.9	72.9	41.3	26.0	17.7	12.0	8.3	5.8	4.1	63.6	15.7	79.2
33) CUM. A.F.I.T. NET	-287.4	-124.5	-51.6	-10.4	15.7	33.4	45.4	53.7	59.5	63.6	63.6	79.2	79.2

JAMES RANCH UNIT 34 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	322.224	223.888	339.224
5.	234.191	138.630	193.696
10.	170.678	79.227	104.962
15.	122.799	35.896	45.817
20.	85.439	3.100	3.849
25.	55.490	-22.464	-27.319
30.	30.965	-42.863	-51.270
35.	10.537	-59.446	-70.158
40.	-6.714	-73.134	-85.356
50.	-34.150	-94.221	-108.069
60.	-54.849	-109.472	-123.930
70.	-70.873	-120.791	-135.353
80.	-83.523	-129.348	-143.749
90.	-93.663	-135.898	-150.001
100.	-101.890	-140.954	-154.688
RATE OF RETURN, PCT.	38.1	20.6	
UNDISCOUNTED PAYOUT, YRS.	2.19	3.29	
DISCOUNTED PAYOUT, YRS.	2.54	4.40	
UNDISCOUNTED NET/INVEST.	1.68	1.47	
DISCOUNTED NET/INVEST.	1.36	1.17	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #35 FORMATION DELAWARE

LOCATION A UNIT, 660 FEET FROM NORTH LINE & 660 FEET FROM EAST LINE

SECTION 1 TOWNSHIP 23S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 6/5/00 COMPLETION DATE 7/11/00 INITIAL PRODUCTION 7/12/00

PERFORATIONS 7338-42', 7442-46', 7526-30'

STIMULATION:

ACID

FRACTURE 7338-7530', Frac w/ 82,589 gal Viking 30, 239,355# 16/30 Brady Sd, 76,569# CR-4000.

POTENTIAL 7/16/2000 Pmpd 201 BO 172 MCF 355 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	14.1%			
Water saturation (Sw), %	61%			
Net Thickness (h), ft.	25			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,197			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	42,661			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)   Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 14,322 BBLS

	PRODUCING
INITIAL RATE (qi)	2,381
ECONOMIC LIMIT (ql)	100
DECLINE RATE, dy (Hyperbolic, n=1.01)	61.80%
REMAINING OIL (Q) =	56,378
ULTIMATE RECOVERABLE OIL	70,700

(Attach plat showing proration unit and participating area.)

ECONOMIC

WELL COST $ 522,635 *(to the depth of formation completed)*

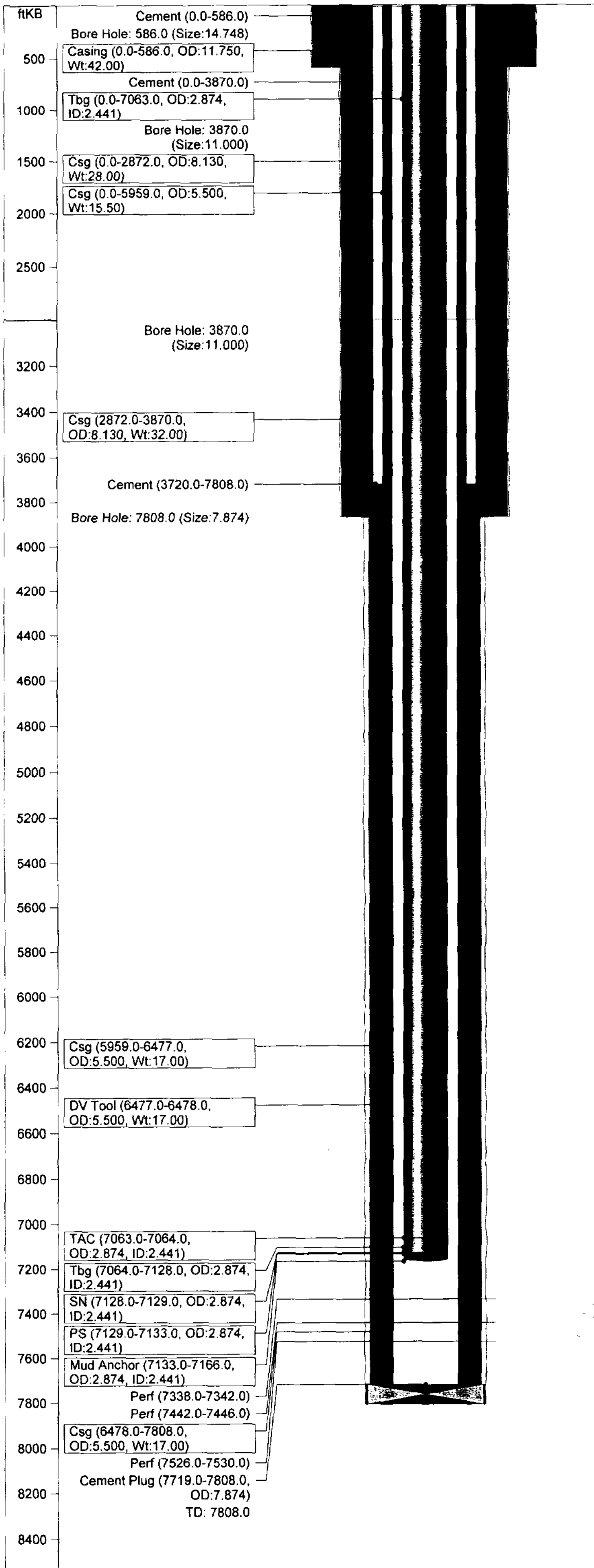
RECOMPLETION COST $ ________

TOTAL COST $ 522,635

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-522,635
1	16,600	471,100	45,300	396,800
2	15,600	547,200	62,000	424,000
3	8,200	212,300	35,800	139,700
4	5,600	125,500	29,100	69,300
5	4,200	88,000	26,000	40,400
6	3,400	69,100	24,700	26,400
7	2,900	55,100	23,500	17,000
8	2,500	46,000	22,900	11,400
9	2,200	39,700	22,300	7,800
10	1,900	34,900	22,000	5,300
REMAINDER	7,600	133,900	109,700	8,100
TOTAL	70,700	1,822,800	423,300	623,565

WELL IS COMMERCIAL

3001531167 JAMES RANCH UNIT #35 12/20/2000



JAMES RANCH UNIT #35

API No.	3001531167	Comments	
TD	7808.0 ftKB	Status	ACT OIL
PBTD	7719.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	35	Spud	6/6/2000
ID Code	C%MXDLJG.035	RR	6/22/2000
Field	QUAHADA RIDGE, SE (DELAWARE)	Completion	7/5/2000
Author	CDP	Last Act.	
Date Updated	7/20/2000	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	660.0 ft N
		Top EW Distance	660.0 ft E
Section	1	Bottom Latitude	0
Unit Ltr.	A	Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3316.0 ft	Cas Flng	0.0 ft
Grd	3303.0 ft	Tub Head	0.0 ft
KB-Grd	13.0 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	6/6/2000	0.0	586.0	14	11.750	11.080	42.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	6/14/2000	0.0	2872.0	66	8.130	7.480	28.00	K55	LTC
Csg	6/14/2000	2872.0	3870.0	28	8.130	7.390	32.00	J55	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	6/20/2000	0.0	5959.0	139	5.500	4.950	15.50	K55	LTC
Csg	6/20/2000	5959.0	6477.0	12	5.500	4.890	17.00	L80	LTC
DV Tool	6/20/2000	6477.0	6478.0		5.500	4.890	17.00		
Csg	6/20/2000	6478.0	7808.0	32	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	6/6/2000	0.0	586.0	340	CIRC
Intermediate Casing	6/14/2000	0.0	3870.0	850	CIRC
Production Casing	6/20/2000	3720.0	7808.0	605	TOC by TS

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	7/11/2000	0.0	7063.0	226	2.874	2.441	6.50	N80	EUE
TAC	7/11/2000	7063.0	7064.0		2.874	2.441	0.00		
Tbg	7/11/2000	7064.0	7128.0	2	2.874	2.441	6.50	N80	EUE
SN	7/11/2000	7128.0	7129.0		2.874	2.441	0.00		
PS	7/11/2000	7129.0	7133.0		2.874	2.441	0.00		
Mud Anchor	7/11/2000	7133.0	7166.0	1	2.874	2.441	6.50	N80	EUE

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
6/20/2000	Cement Plug	7719.0	7808.0	7.874	0.000

Perforations

Date	Int	Holes	Status
7/5/2000	7338.0 - 7342.0	4.0	OPEN
7/5/2000	7442.0 - 7446.0	4.0	OPEN
7/5/2000	7526.0 - 7530.0	4.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
7/7/2000	Sand Frac	7338.0 - 7530.0	82,589 gal Viking 30	239,355# 16/30 76,569# CR4000

WELL HISTORY

WELL NAME: James Ranch Unit #35

FIELD NAME: Quahada Ridge (Delaware) SE

LOCATION: 660' FNL & 660' FEL, Sec 1, T23S, R30E,
Eddy County, New Mexico

ELEV: 3303.3' GL, 3316.3' KB

SPUD DATE: 6/05/2000, RR 6/20/2000

COMP DATE: 7/11/2000

ORIG TD: 7800'

ORIG PBTD: 7719'

CASING: 11 ¾" 42# WC40 588' w/340 sx, cmt circ, 14 ¾" hole.
8 5/8" 32#,J55,& 28# K55, CSA 3870' w/850 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, K55, & L80, CSA 7800' w/605 sx, TOC 3720'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

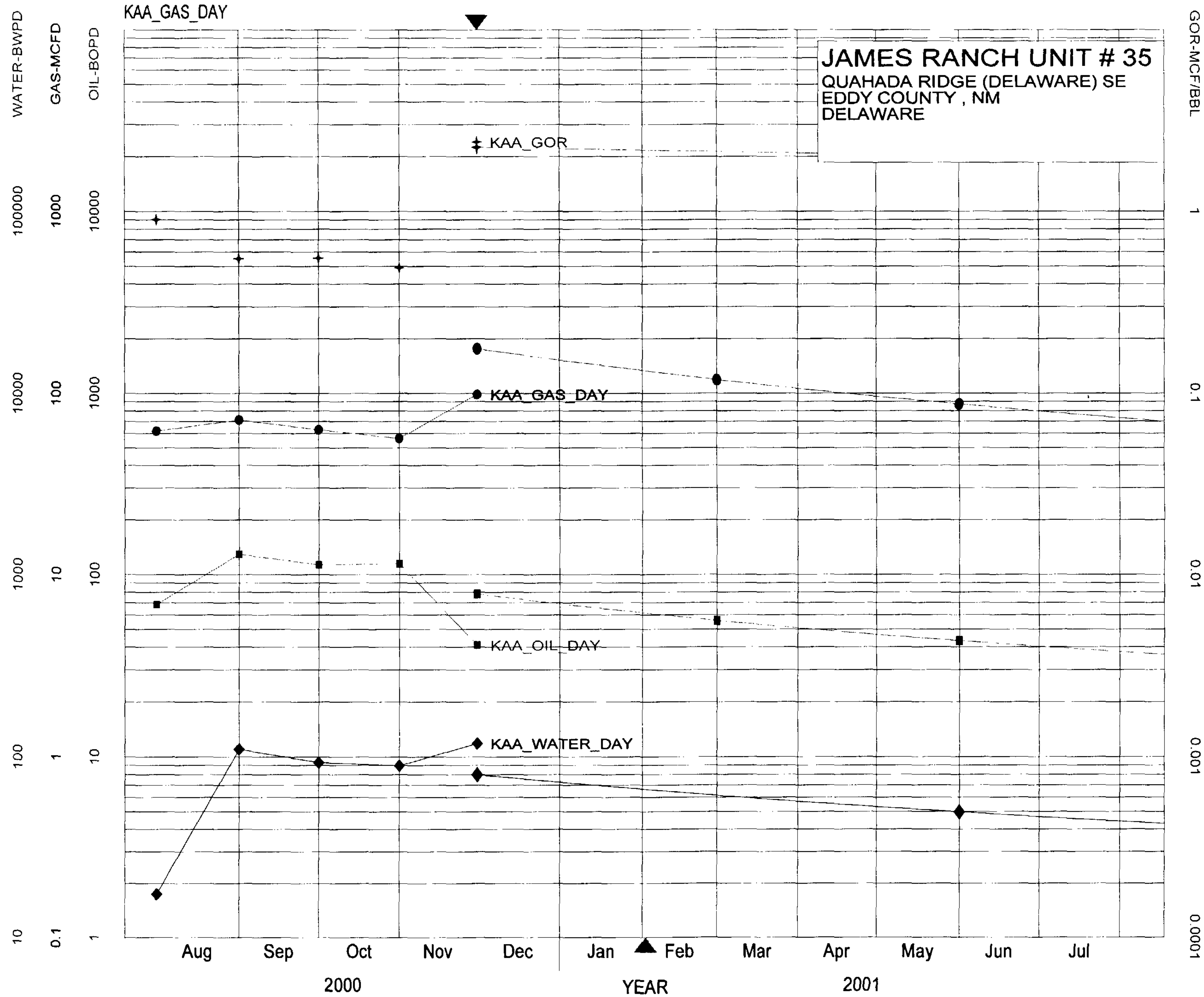
DST: None

CORES & LOGS: GR-CN-LDT-AIT(PLATFORM EXPRESS)
CCL, CBL

INITIAL COMPLETION

6/5/2000 TO 6/20/2000 **INITIAL COMPLETION**
TD 7800', PBTD 7719'.Ran logs.

6/29/00 TO 7/11/00
Perf: 7338-42' 7442-46' 7526-30', total 24 holes, 4 SPF. Acidize w/ 1500 gal 15% hcl, **Frac** w/ 82.589 gal Viking 30 + 239,355# 16/30 Brady + 76,569# 16/30 CR-4000. Open to pit 60 min ½ bpm. Lost 160 bbls to form. Clean out, RIH w/ tbg and rods, place on test. 7/16/2000 201 BO, 355 BW, 172 MCF.



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Cum=	14322
Rem=	56527
EUR=	70849
Yrs=	14.300
Qref=	78.3
De=	61.802791
b=	1.010000
Qab=	3.3

KAA_GAS_DAY	
Qual=	CD
Ref=	12/2000
Cum=	10721
Rem=	72985
EUR=	83706
Yrs=	14.331
Qref=	176.2
De=	0.000000
b=	0.000000
Qab=	0.0

KAA_WATER_DAY	
Qual=	CD
Ref=	12/2000
Cum=	13073
Rem=	107456
EUR=	120529
Yrs=	67.249
Qref=	79.9
De=	54.753644
b=	1.010000
Qab=	1.0

KAA_GOR	
Qual=	CD
Ref=	12/2000
Cum=	0
Rem=	0
EUR=	0
Yrs=	24.498
Qref=	2.3
De=	19.775791
b=	0.000000
Qab=	0.0

T I
French Dr., Hobbs, NM 88240
TRICT II
South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31167	50443	Quahada Ridge (Delaware) SE

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	35

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3302'

Surface Location

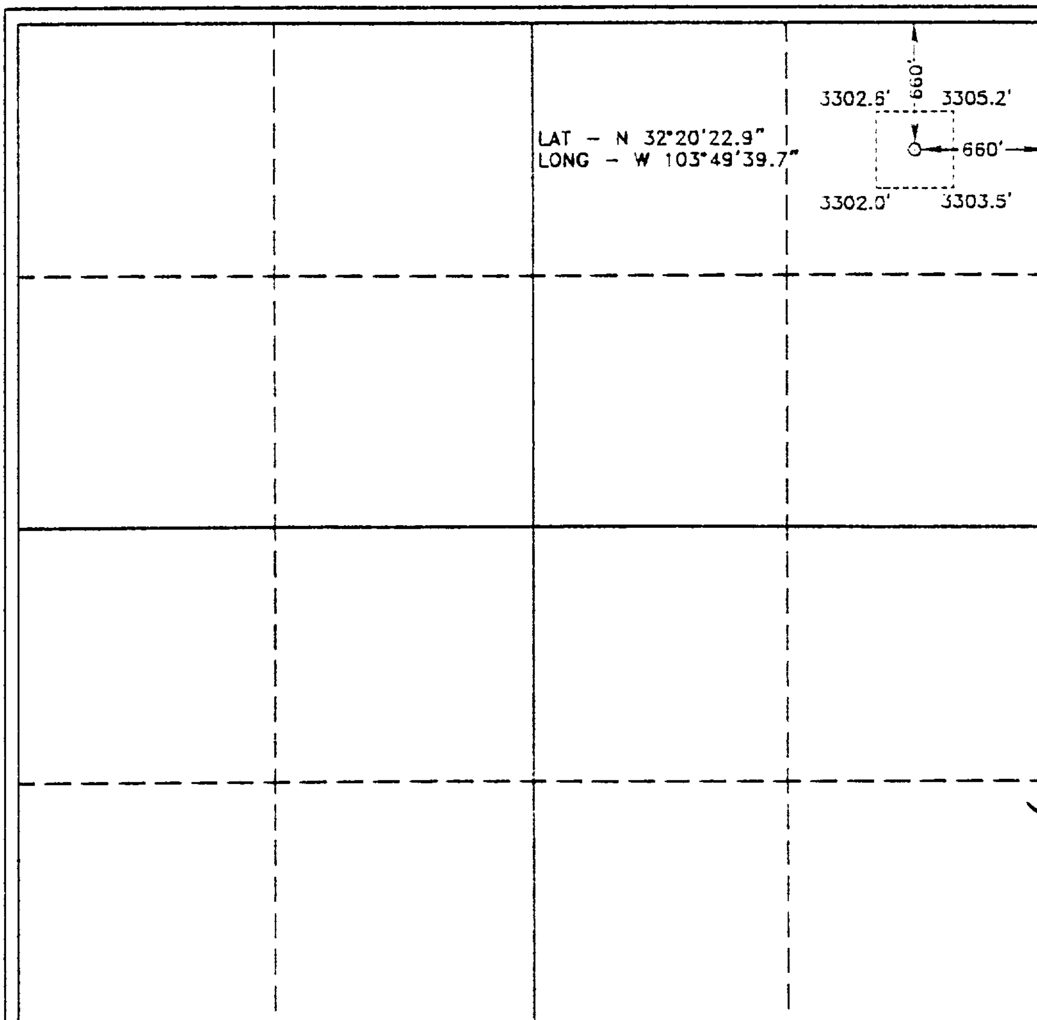
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	1	23 S	30 E		660	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

7/21/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

February 28, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
7977

W.O. No. 0148

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Form 3160-4
(July 1992)

UNITED STATES **OPERATOR'S COPY**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

BEPCO WTD PRODUCTION
AUG 0 9 2000
RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.: NM-02884-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - - -
7. UNIT AGREEMENT NAME: James Ranch Unit
8. FARM OR LEASE NAME, WELL NO.: James Ranch Unit #35
9. API WELL NO.: 30-015-31167
10. FIELD AND POOL, OR WILDCAT: Quahada Ridge (Delaware) SE
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T23S-R30E
12. COUNTY OR PARISH: Eddy
13. STATE: New Mexico

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Bass Enterprises Production Co.

3. ADDRESS AND TELEPHONE NO.: P.O. Box 2760, Midland, TX 79702-2760 (915) 683-2277

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 660' FNL & 660' FEL, Unit Letter A
At top prod. interval reported below
At total depth

CONFIDENTIAL

14. PERMIT NO.
DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6/5/00	6/20/00	7/11/00	3303.3' GL; 3316.3' KB	- - -

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7808'	7719'	Single	→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 7338-42', 7442-46', 7526-30' Delaware

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-CCL-CBL

27. WAS WELL CORED: No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	586'	14-3/4"	340 sacks, Surface	N/A
8-5/8"	28#, 32#	3870'	11"	850 sacks, Surface	N/A
5-1/2"	15.5#, 17#	7808'	7-7/8"	605 sacks, TOC 3720' TS	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7542'	N/A

31. PERFORATION RECORD (Interval, size and number)
7338-42', 7442-46', 7526-30' - Perf w/ 4" csg gun loaded w/ 2 JSPF @ 0 degree phased.
12', 24 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7338-7530'	Acidize w/ 1500 gals 15% HCl acid
	Frac w/ 82,589 gals V30 + 239,355#
	16/30 + 76,569# CR-4000

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
7/12/00	Pumping/ 8 x 100 x 1-3/4"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
7/16/00	24	13/64"	→	201	172	355	855

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
350	450	→	201	172	355	41.4

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sales, Lease Use

TEST WITNESSED BY

CONFIDENTIAL

ACCEPTED FOR RECORD
AUG 0 7 2000

35. LIST OF ATTACHMENTS: C-104, C-102, Logs

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

SIGNED Tami Wilber TITLE Production Clerk (Tami Wilber) DATE 8/1/00

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JAMES RANCH UNIT 35 QUAHADA

Date: 01/18/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	07/2000 2124 4011 3402 3555 1230 #							14.322	11/2000			
401 GAS	07/2000 1918 2210 1889 1745 2959 #							10.721	11/2000			
402 WTR	07/2000 541 3407 2795 2777 3553 #							13.073	11/2000			
403 START	12/2000											
404 OIL	2380.26	60.00	B/M	X	IMU	B/1.010	61.80	65.863	5/2025	80.3	2380.	60.
405 START	12/2000											
406 GAS/OIL	2.25	0.01	M/B	TO	LIFE	LOG	TIME		5/2025			
407 START	12/2000											
408 WTR	2430.11	X	B/M	107.46	IMU	B/1.010	54.75	107.456	2/2068	70.3	2430.	30.
409 START	07/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		5/2025		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		5/2025		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		5/2025		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		5/2025		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		6/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		6/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		5/2025		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		5/2025		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		6/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		6/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		6/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		6/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24006.000
541 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24006.000
600 OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		5/2025		1600.000	1600.000
601 OPC/WTR	0.08	0.08	$/U	TO	LIFE	PC	0.00		6/2000		0.080	0.080

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602 ATX          0.17    X   %        TO      LIFE     PC        0.00             5/2025                      0.002       0.002

602 OPC/T        0.00    X   $/M      TO      LIFE     PC        0.00             5/2025                               1600.000

603 STX/OIL      7.08    X   %        TO      LIFE     PC        0.00             5/2025                      0.071       0.071

604 ATX          0.00    X   %        TO      LIFE     PC        0.00             5/2025                                  0.002

604 STX/GAS      7.93    X   %        TO      LIFE     PC        0.00             5/2025                      0.079       0.079

605 STX/OIL      0.00    X   %        TO      LIFE     PC        0.00             5/2025                                  0.071
606 STX/GAS      0.00    X   %        TO      LIFE     PC        0.00             5/2025                                  0.079

705 LSE/WI   100.0000    D   %        TO      LIFE     FLAT      0.00             5/2025                      1.000       1.000

720 NET/OIL   86.5000    D   %        TO      LIFE     FLAT      0.00             5/2025                      0.865       0.865
740 NET/GAS   86.5000    D   %        TO      LIFE     FLAT      0.00             5/2025                      0.865       0.865

780 LSE/NPI    0.0000    D   %        TO      LIFE     FLAT      0.00             5/2025

OVERLAYS      Scheduling Rates        Schdule Until    Procedure        Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------   ----------------------  -------------    ---------------  ---------- ------- ---------  ----------  ----------
900 OIL      07/2000 2124 4011 3402 3555 1230 #                             14.322 11/2000

901 GAS      07/2000 1918 2210 1889 1745 2959 #                             10.721 11/2000

902 WTR      07/2000 541 3407 2795 2777 3553 #                              13.073 11/2000

INVESTMENT    Tangibles & Intangibles    Time             Procedure        Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------   ----------------------  -------------    ---------------  ---------- ------- ---------  ----------  ----------
800 DRILL      129.12    393.51 M$G    07/2000 AD       PC        0.00    522.635  7/2000        0       522.6       522.6
801 SALV       -33.00      0.00 M$G    TO      LIFE     PC        0.00    -33.000  5/2025        0       -33.0       -33.0

MISC. PARAMETERS            Item                      Item
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250 LOSS     NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :   Prod = CD              Price = CD              Cost   = CD            Owner   = CD
               Title = DEFAULT         Misc  = CD              Invest = CD            Overlay = CD
NET/WTR           WI
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&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 35 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	15.2 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	522.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	522.6	-33.0	489.6
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	489.6	489.6
OIL PHASE													
8) GROSS OIL, MB	16.6	15.6	8.2	5.6	4.2	3.4	2.9	2.5	2.2	1.9	63.1	7.6	70.7
9) NET OIL, MB	14.3	13.5	7.1	4.8	3.7	3.0	2.5	2.1	1.9	1.7	54.6	6.6	61.2
10) OIL REVENUE, M$	420.1	337.7	156.4	101.1	74.2	60.3	49.2	42.0	36.9	32.9	1310.8	129.5	1440.3
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.79	19.59	19.59	19.59	24.03	19.59	23.55
GAS PHASE													
12) GROSS GAS, MMF	15.7	31.5	13.1	7.1	4.4	2.8	1.9	1.3	0.9	0.7	79.4	1.4	80.8
13) NET GAS, MMF	13.6	27.2	11.3	6.2	3.8	2.4	1.6	1.1	0.8	0.6	68.7	1.2	69.9
14) GAS REVENUE, M$	50.9	209.5	56.0	24.4	13.8	8.8	5.8	4.0	2.8	2.0	378.2	4.4	382.6
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.608	3.570	3.570	3.570	3.570	5.507	3.570	5.473
ECONOMICS, M$													
19) GROSS REV. TO INTR.	471.1	547.2	212.3	125.5	88.0	69.1	55.1	46.0	39.7	34.9	1688.9	133.9	1822.8
20) - SEV. TAX	33.8	40.5	15.5	9.1	6.3	5.0	3.9	3.3	2.8	2.5	122.8	9.5	132.3
21) - AD VALOREM TAX	0.7	0.9	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	2.7	0.2	2.9
22) - OPERATING COSTS	10.8	20.6	20.0	19.8	19.6	19.6	19.5	19.5	19.4	19.4	188.2	100.0	288.3
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	425.7	485.2	176.5	96.4	61.9	44.4	31.5	23.2	17.4	13.0	1375.2	24.2	1399.4
29) - INVESTMENTS & RSK	522.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	522.6	-33.0	489.6
30) = BFIT NET	-96.9	485.2	176.5	96.4	61.9	44.4	31.5	23.2	17.4	13.0	852.6	57.2	909.8
PRESENT WORTH @ 10.00 %													
31) NET INCOME	396.8	424.0	139.7	69.3	40.4	26.4	17.0	11.4	7.8	5.3	1138.2	8.1	1146.2
32) INVESTMENTS & RISK	498.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	498.3	-7.8	490.5
33) BFIT NET	-101.5	424.0	139.7	69.3	40.4	26.4	17.0	11.4	7.8	5.3	639.8	15.9	655.7
34) CUM BFIT NET	-101.5	322.5	462.3	531.6	572.0	598.4	615.4	626.8	634.6	639.8	639.8	655.7	655.7

JAMES RANCH UNIT 35 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R T A X E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	15.2 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	393.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	393.5	0.0	393.5
3) DEPRECIABLE	129.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.1	-33.0	96.1
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	471.1	547.2	212.3	125.5	88.0	69.1	55.1	46.0	39.7	34.9	1688.9	133.9	1822.8
5) - SEVERANCE TAX	33.8	40.5	15.5	9.1	6.3	5.0	3.9	3.3	2.8	2.5	122.8	9.5	132.3
6) - OPR. COSTS & ATX	11.6	21.5	20.3	20.0	19.8	19.7	19.6	19.5	19.5	19.5	190.9	100.2	291.1
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	38.7	27.1	19.0	13.3	9.3	6.5	4.6	3.2	2.2	1.6	125.5	3.6	129.1
12) = NET	387.0	458.1	157.5	83.1	52.6	37.9	27.0	20.0	15.2	11.4	1249.8	20.5	1270.3
13) - DEPLETION TAKEN	92.1	87.0	45.5	31.0	23.6	19.1	16.0	13.8	12.1	10.8	351.0	42.5	393.5
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	294.8	371.1	112.0	52.1	29.0	18.9	11.0	6.2	3.1	0.6	898.8	-22.0	876.8
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	100.2	126.2	38.1	17.7	9.9	6.4	3.7	2.1	1.0	0.2	305.6	-7.5	298.1
19) REVENUE-SEV	437.3	506.7	196.8	116.4	81.7	64.1	51.1	42.7	36.9	32.5	1566.1	124.4	1690.5
20) - OPR. COSTS & ATX	11.6	21.5	20.3	20.0	19.8	19.7	19.6	19.5	19.5	19.5	190.9	100.2	291.1
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	100.2	126.2	38.1	17.7	9.9	6.4	3.7	2.1	1.0	0.2	305.6	-7.5	298.1
24) = A.F.I.T.	325.5	359.0	138.4	78.7	52.0	38.0	27.8	21.1	16.4	12.8	1069.7	31.6	1101.3
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	325.5	359.0	138.4	78.7	52.0	38.0	27.8	21.1	16.4	12.8	1069.7	31.6	1101.3
28) - INVESTMENTS & RSK	522.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	522.6	-33.0	489.6
29) = A.F.I.T. NET	-197.2	359.0	138.4	78.7	52.0	38.0	27.8	21.1	16.4	12.8	547.0	64.6	611.7
PRESENT WORTH @ 10.00 %													
30) NET INCOME	310.3	311.2	109.0	56.4	33.9	22.5	15.0	10.3	7.3	5.2	881.0	10.2	891.2
31) INVESTMENTS & RISK	498.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	498.3	-7.8	490.5
32) A.F.I.T. NET	-188.0	311.2	109.0	56.4	33.9	22.5	15.0	10.3	7.3	5.2	382.7	18.0	400.7
33) CUM. A.F.I.T. NET	-188.0	123.2	232.2	288.6	322.5	345.0	360.0	370.3	377.6	382.7	382.7	400.7	400.7

JAMES RANCH UNIT 35 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	909.758	611.660	926.758
5.	763.594	488.128	682.789
10.	655.749	400.730	532.388
15.	572.247	335.445	429.973
20.	505.253	284.639	355.360
25.	450.060	243.861	298.346
30.	403.662	210.354	253.239
35.	364.037	182.313	216.610
40.	329.765	158.504	186.262
50.	273.413	120.305	138.931
60.	229.009	91.112	103.832
70.	193.156	68.199	76.907
80.	163.654	49.842	55.727
90.	139.002	34.894	38.736
100.	118.139	22.557	24.889
RATE OF RETURN, PCT.	100.0	100.0	
UNDISCOUNTED PAYOUT, YRS.	1.20	1.55	
DISCOUNTED PAYOUT, YRS.	1.24	1.60	
UNDISCOUNTED NET/INVEST.	2.86	2.25	
DISCOUNTED NET/INVEST.	2.34	1.82	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #38 FORMATION DELAWARE

LOCATION I UNIT, 1950 FEET FROM SOUTH LINE & 660 FEET FROM EAST LINE

SECTION 1 TOWNSHIP 23S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 1/10/00 COMPLETION DATE 2/9/00 INITIAL PRODUCTION 2/11/00

PERFORATIONS 7334-39', 7480-85', 7606-11'

STIMULATION:

ACID

FRACTURE 7334-39', Frac w/ 44,242 gal Viking 30, 162,036# 16/30 Brady Sand, 32,060# 16/30 Super LC.

7480-7611', Frac w/ 42,966 gal Viking 30, 116,369# 16/30 Brady Sand, 50,282# 16/30 Super LC.

POTENTIAL 3/12/2000 Pmpd 88 BO, 65 MCF, 206 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	13.9%			
Water saturation (Sw), %	59%			
Net Thickness (h), ft.	42.5			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,213			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	75,162			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

JAMES RANCH UNIT #38
Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 17,829 BBLS

	PRODUCING
INITIAL RATE (qi)	1,331
ECONOMIC LIMIT (ql)	112
DECLINE RATE, dy (Hyperbolic, n=1.01)	38.00%
REMAINING OIL (Q) =	64,771
ULTIMATE RECOVERABLE OIL	82,600

(Attach plat showing proration unit and participating area.)

ECONOMIC

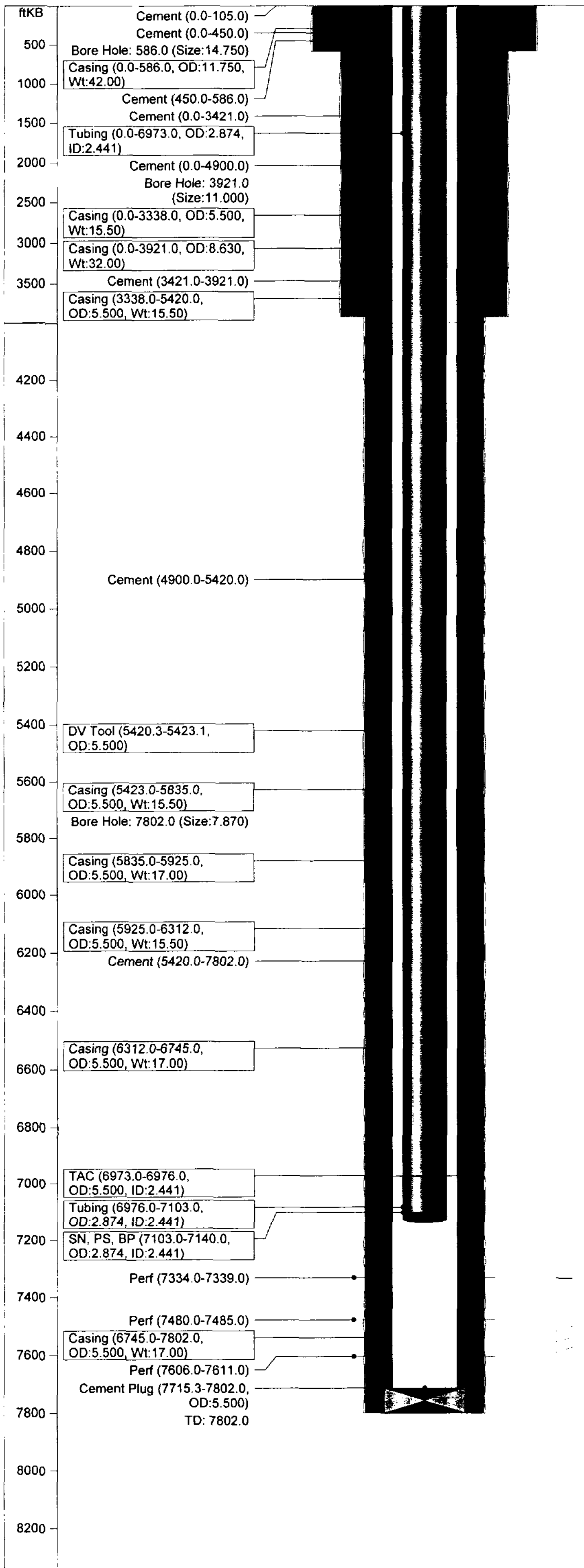
WELL COST $ 539,522 (to the depth of formation completed)

RECOMPLETION COST $ ____________

TOTAL COST $ 539,522

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-539,522
1	19,100	566,200	63,600	480,600
2	12,000	362,300	48,700	273,100
3	8,200	192,800	35,100	124,700
4	6,200	130,400	30,000	72,100
5	5,000	98,500	27,500	46,400
6	4,200	81,200	25,900	32,800
7	3,600	66,900	24,800	22,800
8	3,200	57,500	24,000	16,400
9	2,900	50,700	23,400	12,100
10	2,600	45,300	23,000	9,000
REMAINDER	15,600	268,900	188,800	23,800
TOTAL	82,600	1,920,700	514,800	574,278

WELL IS COMMERCIAL



JAMES RANCH UNIT #38

API No.	3001527819	Comments	
TD	7802.0 ftKB	Status	ACT OIL
PBTD	7715.3 ftKB	Engineer	KAA
Operator	BEPCO	Permit	12/1/1999
Well No.	38	Spud	1/10/2000
ID Code	C%MXDLJG.038	RR	1/23/2000
Field	QUAHADA RIDGE, SE (DELAWARE)	Completion	2/1/2000
Author	MAC	Last Act.	
Date Updated		Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	1950.0 ft S
		Top EW Distance	660.0 ft E
Section	1	Bottom Latitude	0
Unit Ltr.	I	Bottom Longitude	0
State	EDDY	Btm NS Distance	0.0 ft
County	NM	Btm EW Distance	0.0 ft

Elevations

KB	3308.7 ft	Cas Flng	15.2 ft
Grd	3295.6 ft	Tub Head	0.0 ft
KB-Grd	13.1 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	1/10/1900	0.0	586.0	14	11.750	11.080	42.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	1/16/1900	0.0	3921.0	91	8.630	7.920	32.00	WC50	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	1/23/1900	0.0	3338.0	76	5.500	4.950	15.50	J55	LTC
Casing	1/23/1900	3338.0	5420.0	48	5.500	4.950	15.50	K55	LTC
DV Tool	1/23/1900	5420.3	5423.1		5.500	4.890	0.00		
Casing	1/23/1900	5423.0	5835.0	10	5.500	4.950	15.50	K55	LTC
Casing	1/23/1900	5835.0	5925.0	2	5.500	4.890	17.00	K55	LTC
Casing	1/23/1900	5925.0	6312.0	9	5.500	4.950	15.50	K55	LTC
Casing	1/23/1900	6312.0	6745.0	10	5.500	4.890	17.00	K55	LTC
Casing	1/23/1900	6745.0	7802.0	27	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	1/10/1900	0.0	450.0	225	WT 13.5, YLD 1.74
Surface Casing	1/10/1900	450.0	586.0	100	WT 14.8, YLD 1.34
Intermediate Casing	1/16/1900	0.0	3421.0	775	WT 12.1, YLD 2.24
Intermediate Casing	1/16/1900	3421.0	3921.0	200	WT 14.8, YLD 1.34
Production Casing	1/23/1900	0.0	4900.0	410	STAGE 2 LEAD - WT 11.9, YLD 2.36
Production Casing	1/23/1900	0.0	105.0	25	TOP OUT TAIL - WT 14.8, YLD 1.32
Production Casing	1/23/1900	4900.0	5420.0	100	STAGE 2 TAIL - WT 14.8, YLD 1.32
Production Casing	1/23/1900	5420.0	7802.0	400	STAGE 1 TAIL - WT 14.0, YLD 1.36

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tubing	2/8/2000	0.0	6973.0	220	2.874	2.441	6.50	J55	8Rd
TAC	2/8/2000	6973.0	6976.0		5.500	2.441	0.00		
Tubing	2/8/2000	6976.0	7103.0	4	2.874	2.441	6.50	J55	8Rd
SN, PS, BP	2/8/2000	7103.0	7140.0		2.874	2.441	6.50		

Other (plugs, equip., etc.) - Plug Backs

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
1/23/2000	Cement Plug	7715.3	7802.0	5.500	4.890

Perforations

Date	Int	Holes	Status
2/1/2000	7480.0 - 7485.0	2.0	Open
2/1/2000	7606.0 - 7611.0	2.0	Open
2/4/2000	7334.0 - 7339.0	4.0	Open

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
2/5/2000	Acid	7334.0 - 7339.0	1000 15% HCL	
2/7/2000	Fracture	7334.0 - 7339.0	44,242 Gal Viking 30	162,036# 16/30 32,060# 16/30 Super LC
3/2/2000	Fracture	7484.0 - 7611.0	42,966 Gal Viking 30	116,369# 16/30 50,282# 16/30 Super LC

WELL HISTORY

WELL NAME: James Ranch Unit #38

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 1950' FSL & 660' FEL, Sec 1, T23S, R30E,
Eddy County, New Mexico

ELEV: 3295.6' GL, 3308.7' KB

SPUD DATE: 1/10/2000, RR 1/23/2000

COMP DATE: 2/1/2000

ORIG TD: 7802'

ORIG PBTD: 7715'

CASING: 11/3/4" 42# WC40 CSA 586' w/325 sx, cmt circ, 14 ¾" hole.
8 5/8" 32#, WC50, CSA 3921' w/975 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, J-55, K55, & L80, CSA 7802' w/910 sx, TOC Surface.

TUBING: 2 7/8", 6.5# J-55, 8 RD

DST: None

CORES & LOGS: GR-CN-LDT-AIT

INITIAL COMPLETION

1/10/00 to 1/23/00 **INITIAL COMPLETION**

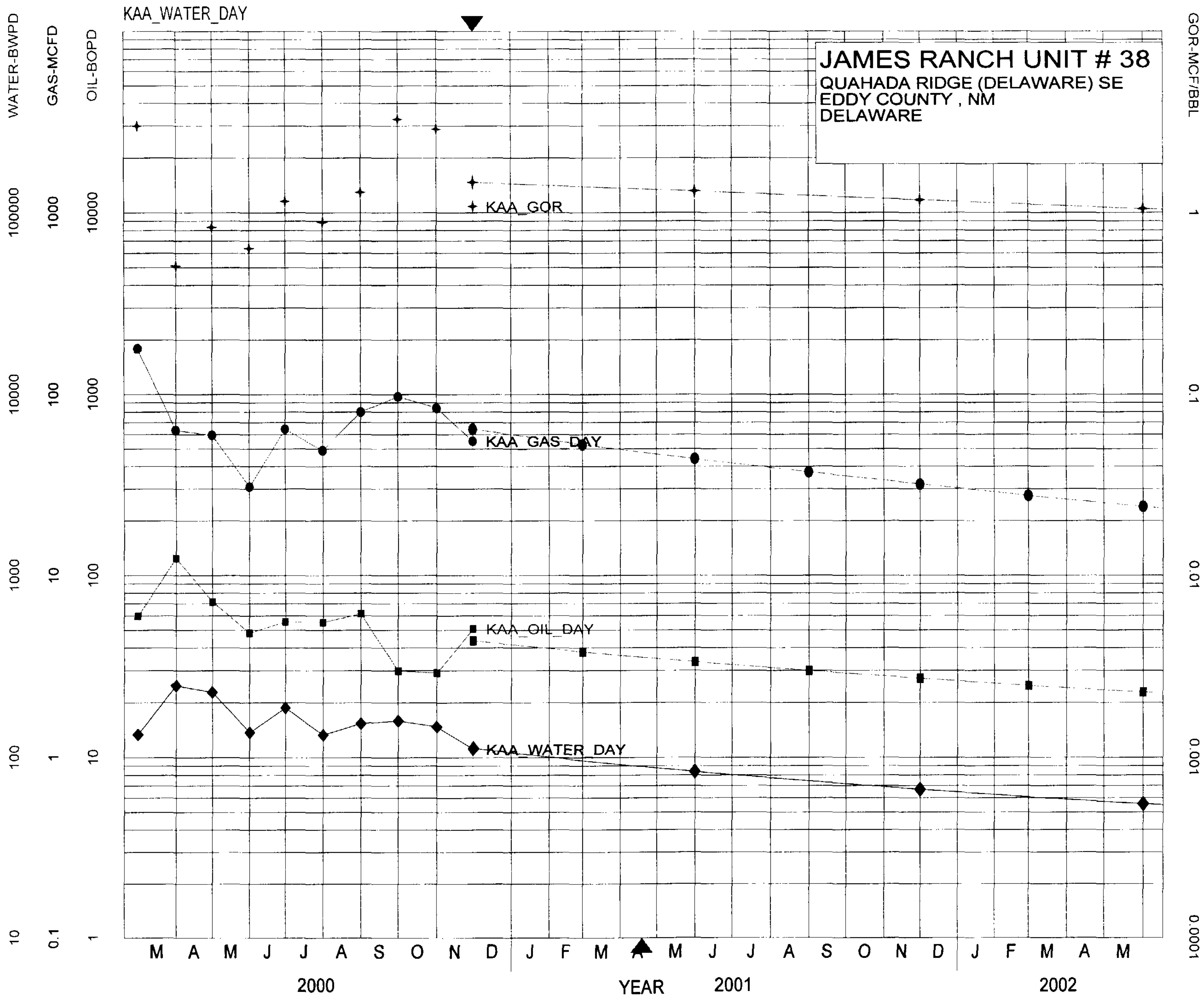
TD 7802', PBTD 7715'.Ran logs.

6/2/00 TO 6/20/00

Perf: 7606-11', **7480-85'** total 20 holes. **Frac** w/ 42,966 gal Viking 30 + 116,369# 16/30 Brady + 50,282# 16/30 CR-4000. Open to pit 60 min ½ bpm. Clean out. RIH w/ RBP set @7400', **Perf 7334-39**' 20 shots. Break form @ 1757 psi. **Frac** w/ 44,242 Gal Viking 30, 162,036# 16/30 Brady, 32,060# 16/30 Super LC. Flow @ 1 BPM 1 hr.

POH w/ RBP, RIH w/ tbg and rods and pmp. EOT @ 7141'. Test 2/28/00 24 hr 143 BO 213 BW 94 MCF.

7/31/2000 Pmp failure @ 7102', replace, Return to Prod.



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Qab=	3.7
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Qab=	0.0
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Rem=	257379
EUR=	307181
Yrs=	99.918
Qref=	112.3
De=	40.548034
b=	1.010000
Qab=	1.7
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Cum=	0
Rem=	0
EUR=	0
Yrs=	22.172
Qref=	1.5
De=	20.022495
b=	0.000000
Qab=	0.0

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name

Property Code	Property Name	Well Number
	JAMES RANCH UNIT	38
OGRID No.	**Operator Name**	**Elevation**
	BASS ENTERPRISES PRODUCTION COMPANY	3293'

Surface Location

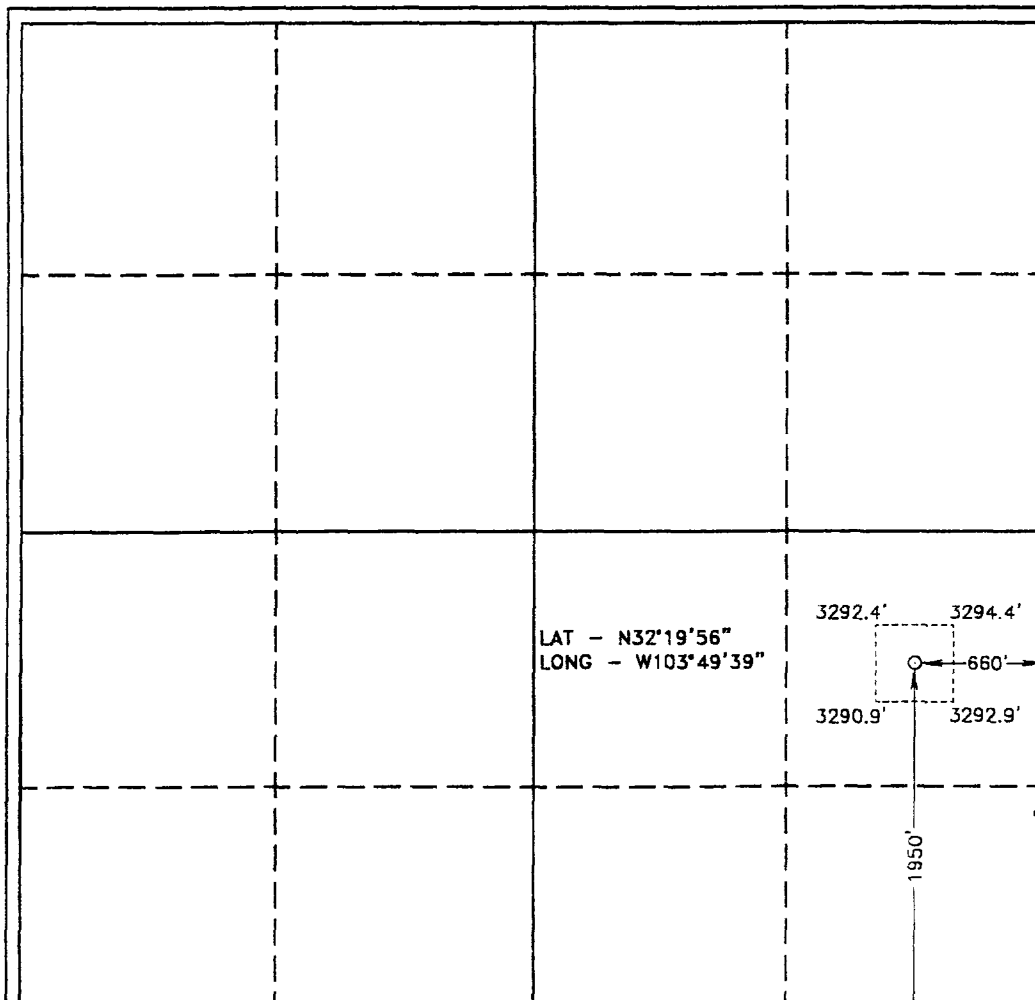
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	23 S	30 E		1950	SOUTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

Printed Name

Title

Date

SURVEYOR CERTIFICATION

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 supervison and that the same is true and correct to the best of my belief.

September 30, 1999

Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 9350

Certificate No. Gary L. Jones

BASIN SURVEYS

Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-02884-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME: James Ranch Unit

8. FARM OR LEASE NAME, WELL NO.: James Ranch Unit # 38

2. NAME OF OPERATOR: Bass Enterprises Production Co.

3. ADDRESS AND TELEPHONE NO.: P.O. Box 2760, Midland, TX 79702-2760 (915) 683-2277

9. API WELL NO.: 30-015-30856

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' FEL & 1950' FWL, Unit Letter I
At top prod. interval reported below: Same
At total depth: Same

10. FIELD AND POOL, OR WILDCAT: Quahada Ridge (Delaware) SE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T23S-R30E

14. PERMIT NO.: | DATE ISSUED:

12. COUNTY OR PARISH: Eddy | 13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1/10/00	1/23/00	2/9/00	3295.6' GL, 3308.7' KB	- - -

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS
7802'	7715'	Single		Yes	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 7334-39', 7480-85', 7608-11' Delaware

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: CN-LD-GR

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	592'	14-3/4"	Surface	N/A
8-5/8"	32#	3921'	11"	Surface	N/A
5-1/2"	15.5#, 17#	7802'	7-7/8"	Surface	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7140'	7103' SN

31. PERFORATION RECORD (*Interval, size and number*)
7334-39' 4" csg gun loaded w/ 4 JSPF @ 0 degree phased. (5', 20 shots), 7606-11', 7480-85' 4" csg gun loaded w/ 2 JSPF @ 0 degree phased (10', 20 shots)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7334-39'	Frac w/44,242 Viking 30+162,036# 16/30 BS+32,060# 16/30 Super LC.
7606-11', 7480-85	Frac w/42,966 Viking 30+116,369# 16/30 + 50,282# 16/30 Super LC.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping - size and type of pump*)	WELL STATUS (*Producing or shut-in*)
2/11/00	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
3/12/00	24	- - -		88	65	206	738

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
- - -	- - -		88	65	206	43.6

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Lease Use, Sales

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: C-104, Logs

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

SIGNED Tami Wilber TITLE Production Clerk DATE 4/4/00
Tami Wilber

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

JAMES RANCH UNIT 38 QUAHADA

Date: 01/17/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	INPUT DATA: Scheduling Rates			Schedule Until		Procedure		INITIAL CALCULATED DATA: Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	02/2000 1730 3846 2143 1497 1668 1709 1911 894 903 #							16.301	10/2000			
401 "	X 1528 #							17.829	11/2000			
402 GAS	02/2000 5194 1961 1784 955 1929 1517 2478 2920 2604 #							21.342	10/2000			
403 "	X 1657 #							22.999	11/2000			
404 WTR	02/2000 3872 7666 6842 4254 5624 4119 4765 4764 #							41.906	9/2000			
405 "	X 4569 3327 #							49.802	11/2000			
406 START	12/2000											
407 OIL	1331.07	X	B/M	09/2018	AD	B/1.010	38.00	64.788	8/2018	45.9	1331.	114.
408 "	114.04	X	B/M	5.41	IMU	EXP	5.00	70.196	1/2023	5.0	114.	91.
409 START	12/2000											
410 GAS/OIL	1.47	0.01	M/B	TO	LIFE	LOG	TIME		1/2023			
411 START	12/2000											
412 WTR	3415.03	X	B/M	257.38	IMU	B/1.010	40.55	257.379	1/2023	49.5	3415.	51.
413 START	02/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		1/2023		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		1/2023		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		1/2023		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		1/2023		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		1/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		1/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		1/2023		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		1/2023		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		1/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		1/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		1/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		1/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24001.000

```
541 PRI/GAS   -0.1300     X     $/M        TO        LIFE       PC          0.00                 2/2006                -0.130   24001.000

600 OPC/T     1600.00     X     $/M        TO        LIFE       PC          0.00                 1/2023              1600.000   1600.000
601 OPC/WTR      0.08     0.08 $/U         TO        LIFE       PC          0.00                 1/2000                 0.080      0.080

602 ATX          0.17     X     %          TO        LIFE       PC          0.00                 1/2023                 0.002      0.002

602 OPC/T        0.00     X     $/M        TO        LIFE       PC          0.00                 1/2023                          1600.000

603 STX/OIL      7.08     X     %          TO        LIFE       PC          0.00                 1/2023                 0.071      0.071

604 ATX          0.00     X     %          TO        LIFE       PC          0.00                 1/2023                            0.002

604 STX/GAS      7.93     X     %          TO        LIFE       PC          0.00                 1/2023                 0.079      0.079

605 STX/OIL      0.00     X     %          TO        LIFE       PC          0.00                 1/2023                            0.071
606 STX/GAS      0.00     X     %          TO        LIFE       PC          0.00                 1/2023                            0.079

705 LSE/WI   100.0000     D     %          TO        LIFE       FLAT        0.00                 1/2023                 1.000      1.000

720 NET/OIL   86.5000     D     %          TO        LIFE       FLAT        0.00                 1/2023                 0.865      0.865
740 NET/GAS   86.5000     D     %          TO        LIFE       FLAT        0.00                 1/2023                 0.865      0.865

780 LSE/NPI    0.0000     D     %          TO        LIFE       FLAT        0.00                 1/2023

OVERLAYS      Scheduling Rates          Schdule Until     Procedure        Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    -----------------------   -------------     ---------------  ----------  ------- ---------  ----------  ----------
900 OIL     02/2000 1730 3846 2143 1497 1668 1709 1911 894 903 #               16.301 10/2000
901 "       X 1528 #                                                           17.829 11/2000

902 GAS     02/2000 5194 1961 1784 955 1929 1517 2478 2920 2604 #              21.342 10/2000
903 "       X 1657 #                                                           22.999 11/2000

904 WTR     02/2000 3872 7666 6842 4254 5624 4119 4765 4764 #                  41.906  9/2000
905 "       X 4569 3327 #                                                      49.802 11/2000

INVESTMENT    Tangibles & Intangibles    Time              Procedure        Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    -----------------------    -------------     ---------------  ----------  ------- ---------  ----------  ----------
800 DRILL      175.63    363.89 M$G      02/2000 AD         PC        0.00     539.522  2/2000        0       539.5       539.5
801 SALV       -33.00      0.00 M$G      TO        LIFE     PC        0.00     -33.000  1/2023        0       -33.0       -33.0

MISC. PARAMETERS            Item                      Item
----------------------      ------------------        ------------------    ---------------  ---------------  ---------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :    Prod = CD            Price = CD             Cost   = CD          Owner   = CD
               Title = DEFAULT        Misc  = CD             Invest = CD          Overlay = CD
NET/WTR           WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 38 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.7 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	539.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	539.5	-33.0	506.5
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	506.5	506.5
OIL PHASE													
8) GROSS OIL, MB	19.1	12.0	8.2	6.2	5.0	4.2	3.6	3.2	2.9	2.6	67.0	15.6	82.6
9) NET OIL, MB	16.5	10.4	7.1	5.4	4.3	3.6	3.1	2.8	2.5	2.2	58.0	13.5	71.5
10) OIL REVENUE, M$	485.4	258.7	156.5	112.8	87.9	74.2	62.2	54.2	48.3	43.6	1383.9	264.5	1648.4
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.78	19.59	19.59	19.59	23.88	19.59	23.07
GAS PHASE													
12) GROSS GAS, MMF	24.9	15.6	8.5	5.1	3.3	2.2	1.5	1.1	0.8	0.5	63.5	1.4	65.0
13) NET GAS, MMF	21.5	13.5	7.3	4.5	2.9	1.9	1.3	0.9	0.7	0.5	55.0	1.2	56.2
14) GAS REVENUE, M$	80.7	103.7	36.2	17.6	10.5	6.9	4.7	3.3	2.4	1.7	267.7	4.4	272.2
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.608	3.570	3.570	3.570	3.570	4.871	3.570	4.843
ECONOMICS, M$													
19) GROSS REV. TO INTR.	566.2	362.3	192.8	130.4	98.5	81.2	66.9	57.5	50.7	45.3	1651.6	268.9	1920.5
20) - SEV. TAX	40.8	26.5	14.0	9.4	7.1	5.8	4.8	4.1	3.6	3.2	119.2	19.1	138.3
21) - AD VALOREM TAX	0.9	0.6	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	2.6	0.4	3.0
22) - OPERATING COSTS	21.8	21.6	20.8	20.4	20.2	20.0	19.9	19.8	19.7	19.7	203.9	169.3	373.2
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	502.6	313.6	157.7	100.4	71.1	55.2	42.2	33.5	27.2	22.3	1325.9	80.1	1406.0
29) - INVESTMENTS & RSK	539.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	539.5	-33.0	506.5
30) = BFIT NET	-36.9	313.6	157.7	100.4	71.1	55.2	42.2	33.5	27.2	22.3	786.4	113.1	899.5
PRESENT WORTH @ 10.00 %													
31) NET INCOME	480.6	273.1	124.7	72.1	46.4	32.8	22.8	16.4	12.1	9.0	1090.1	23.8	1113.9
32) INVESTMENTS & RISK	535.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	535.3	-5.6	529.6
33) BFIT NET	-54.6	273.1	124.7	72.1	46.4	32.8	22.8	16.4	12.1	9.0	554.8	29.4	584.2
34) CUM BFIT NET	-54.6	218.5	343.2	415.3	461.7	494.5	517.3	533.7	545.8	554.8	554.8	584.2	584.2

JAMES RANCH UNIT 38 QUAHADA

DATE : 01/17/2001
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A F T E R   T A X   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.7 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	363.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	363.9	0.0	363.9
3) DEPRECIABLE	175.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.6	-33.0	142.6
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	566.2	362.3	192.8	130.4	98.5	81.2	66.9	57.5	50.7	45.3	1651.6	268.9	1920.5
5) - SEVERANCE TAX	40.8	26.5	14.0	9.4	7.1	5.8	4.8	4.1	3.6	3.2	119.2	19.1	138.3
6) - OPR. COSTS & ATX	22.7	22.2	21.1	20.6	20.3	20.1	20.0	19.9	19.8	19.8	206.5	169.7	376.2
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	52.7	36.9	25.8	18.1	12.7	8.9	6.2	4.3	3.0	2.1	170.7	5.0	175.6
12) = NET	450.0	276.8	131.9	82.3	58.4	46.4	36.0	29.1	24.2	20.2	1155.2	75.1	1230.4
13) - DEPLETION TAKEN	84.3	52.7	36.0	27.4	22.1	18.6	16.0	14.1	12.6	11.3	295.1	68.8	363.9
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	365.7	224.0	95.9	54.9	36.3	27.8	20.0	15.1	11.6	8.9	860.1	6.4	866.5
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	124.3	76.2	32.6	18.7	12.3	9.5	6.8	5.1	4.0	3.0	292.4	2.2	294.6
19) REVENUE-SEV	525.4	335.8	178.8	121.0	91.4	75.4	62.2	53.4	47.1	42.1	1532.4	249.8	1782.3
20) - OPR. COSTS & ATX	22.7	22.2	21.1	20.6	20.3	20.1	20.0	19.9	19.8	19.8	206.5	169.7	376.2
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	124.3	76.2	32.6	18.7	12.3	9.5	6.8	5.1	4.0	3.0	292.4	2.2	294.6
24) = A.F.I.T.	378.3	237.5	125.1	81.7	58.7	45.8	35.4	28.4	23.3	19.3	1033.5	77.9	1111.4
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	378.3	237.5	125.1	81.7	58.7	45.8	35.4	28.4	23.3	19.3	1033.5	77.9	1111.4
28) - INVESTMENTS & RSK	539.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	539.5	-33.0	506.5
29) = A.F.I.T. NET	-161.2	237.5	125.1	81.7	58.7	45.8	35.4	28.4	23.3	19.3	493.9	110.9	604.9
PRESENT WORTH @ 10.00 %													
30) NET INCOME	360.7	205.8	98.6	58.5	38.3	27.1	19.0	13.9	10.4	7.8	840.1	22.5	862.7
31) INVESTMENTS & RISK	535.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	535.3	-5.6	529.6
32) A.F.I.T. NET	-174.6	205.8	98.6	58.5	38.3	27.1	19.0	13.9	10.4	7.8	304.9	28.2	333.0
33) CUM. A.F.I.T. NET	-174.6	31.3	129.9	188.4	226.7	253.8	272.8	286.7	297.0	304.9	304.9	333.0	333.0

JAMES RANCH UNIT 38 QUAHADA

DATE : 01/17/2001
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E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	899.491	604.884	916.491
5.	712.206	441.731	606.055
10.	584.225	333.011	431.305
15.	490.238	254.637	317.754
20.	417.529	194.807	236.868
25.	359.118	147.196	175.579
30.	310.862	108.134	127.089
35.	270.137	75.339	87.504
40.	235.190	47.310	54.417
50.	178.065	1.696	1.922
60.	133.114	-34.038	-38.129
70.	96.668	-62.916	-69.858
80.	66.437	-86.809	-95.699
90.	40.906	-106.946	-117.200
100.	19.026	-124.174	-135.398
RATE OF RETURN, PCT.	100.0	50.5	
UNDISCOUNTED PAYOUT, YRS.	1.12	1.68	
DISCOUNTED PAYOUT, YRS.	1.20	1.85	
UNDISCOUNTED NET/INVEST.	2.78	2.19	
DISCOUNTED NET/INVEST.	2.10	1.63	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #63 FORMATION DELAWARE

LOCATION C UNIT, 660 FEET FROM NORTH LINE & 1980 FEET FROM WEST LINE

SECTION 1 TOWNSHIP 23S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 12/23/99 COMPLETION DATE 1/31/00 INITIAL PRODUCTION 2/2/00

PERFORMATIONS 7490-7500'

STIMULATION:

ACID

FRACTURE 7490-7500', Frac w/ 69,090 gal Viking 30, 207,000# 16/30 Brady Sand, 81,800# CR-4000.

POTENTIAL 2/12/2000 Pmpd 419 BO 265 MCF 211 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	14.4%			
Water saturation (Sw), %	56%			
Net Thickness (h), ft.	57			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,221			
Recovery factor (RF), %	16%			
Recoverable oil, Bbls *(See eq. below)	119,544			

Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 26,421 BBLS

	PRODUCING
INITIAL RATE (qi)	1,512
ECONOMIC LIMIT (ql)	112
DECLINE RATE, dy (Hyperbolic, n=1.01)	41.57%
REMAINING OIL (Q) =	67,279
ULTIMATE RECOVERABLE OIL	93,700

(Attach plat showing proration unit and participating area.)

ECONOMIC

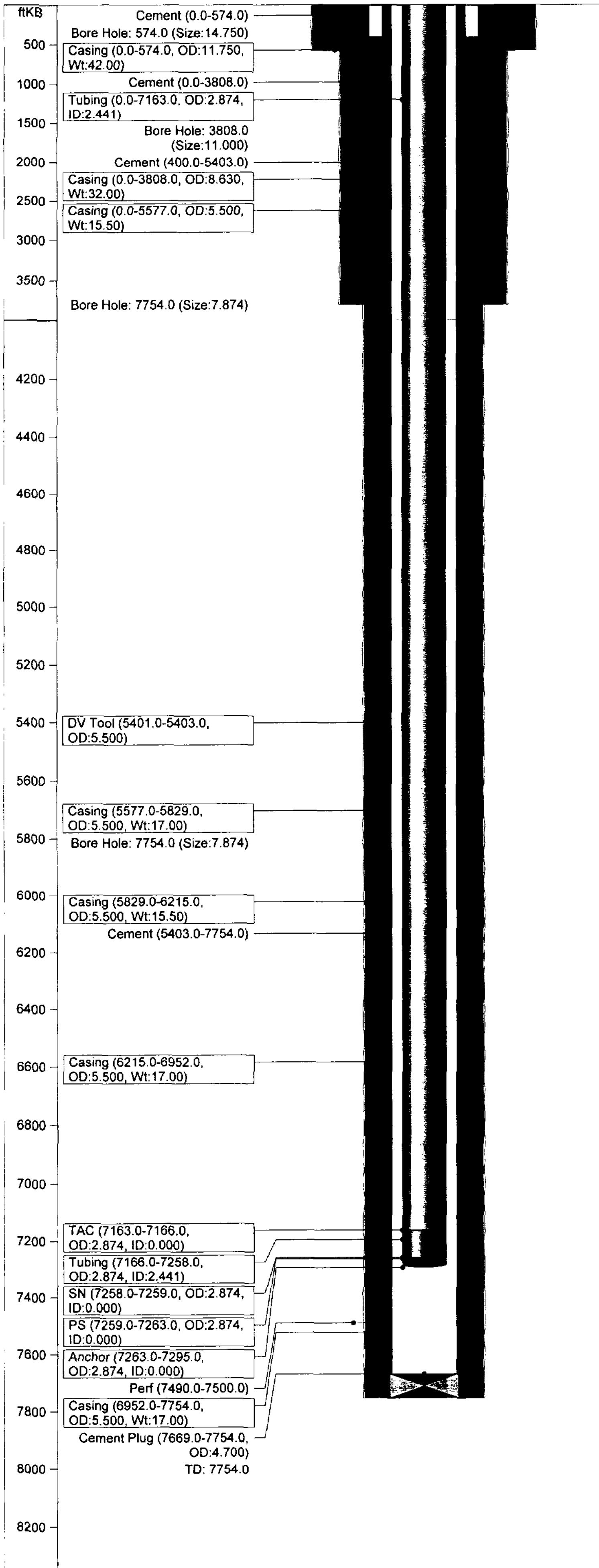
WELL COST $ 502,706 (to the depth of formation completed)

RECOMPLETION COST $ ______

TOTAL COST $ 502,706

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-502,706
1	27,900	878,900	84,300	760,900
2	13,100	585,200	64,900	452,800
3	8,600	295,800	42,200	200,500
4	6,400	187,200	33,700	110,300
5	5,100	134,200	29,600	68,300
6	4,300	104,800	27,300	46,000
7	3,700	82,500	25,500	30,800
8	3,200	67,800	24,400	21,300
9	2,900	57,600	23,600	15,100
10	2,600	49,900	23,000	10,900
REMAINDER	15,900	278,100	192,000	25,700
TOTAL	93,700	2,722,000	570,500	1,239,894

WELL IS COMMERCIAL



JAMES RANCH UNIT #63

API No.	3001530857	Comments	
TD	7754.0 ftKB	Status	ACT OIL
PBTD	7669.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	63	Spud	12/24/1999
ID Code		RR	1/7/1900
Field	LOS MEDANOS	Completion	
Author	CDP	Last Act.	
Date Updated	1-10-00	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	660.0 ft N
		Top EW Distance	1980.0 ft E
Section	1	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NEW MEXICO	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3307.2 ft	Cas Flng	0.0 ft
Grd	3294.0 ft	Tub Head	0.0 ft
KB-Grd	13.2 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	12/12/1999	0.0	574.0	12	11.750	11.080	42.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	1/2/1900	0.0	3808.0	88	8.630	7.920	32.00	WC50	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	1/8/1900	0.0	5577.0	140	5.500	4.950	15.50	J55	LTC
DV Tool	1/8/1900	5401.0	5403.0		5.500	4.890	0.00		
Casing	1/8/1900	5577.0	5829.0	6	5.500	4.890	17.00	USS-50	LTC
Casing	1/8/1900	5829.0	6215.0	9	5.500	4.950	15.50	J55	LTC
Casing	1/8/1900	6215.0	6952.0	17	5.500	4.890	17.00	USS-50	LTC
Casing	1/8/1900	6952.0	7754.0	20	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	12/24/1999	0.0	574.0	325	CMT CIRC
Intermediate Casing	1/2/2000	0.0	3808.0	1212	Bradenhead squeeze
Production Casing	1/9/2000	400.0	5403.0	550	TOC by TS
Production Casing	1/9/2000	5403.0	7754.0	400	Circ 72 sx off DV Tool

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tubing	1/29/1900	0.0	7163.0	226	2.874	2.441	6.50		
TAC	1/29/1900	7163.0	7166.0		2.874	0.000	0.00		
Tubing	1/29/1900	7166.0	7258.0	3	2.874	2.441	6.50		
SN	1/29/1900	7258.0	7259.0		2.874	0.000	0.00		
PS	1/29/1900	7259.0	7263.0		2.874	0.000	0.00		
Anchor	1/29/1900	7263.0	7295.0	1	2.874	0.000	0.00		

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
1/10/1900	Cement Plug	7669.0	7754.0	4.700	0.000

Perforations

Date	Int	Holes	Status
1/26/2000	7490.0 - 7500.0	4.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
1/27/1900	Sand Frac	7490.0 - 7500.0	69,090 GAL VIKING 30	207,000# 16/30 BRADY, 81,800# 16/30 CR-4000

WELL HISTORY

WELL NAME: James Ranch Unit #63

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 660' FNL & 1980' FEL, Sec 1, T23S, R30E, Eddy County, New Mexico

ELEV: 3294.0' GL, 3307' KB

SPUD DATE: 12/24/99, RR 1/10/00

COMP DATE: 2/12/00

ORIG TD: 7754'

ORIG PBTD: 7670'

CASING: 11 ¾' 42# H-40 CSA 574' w/325 sx, cmt circ, 14 ¾" hole.
8 5/8" 32#, WC50, CSA 3808' w/1212 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, J-55, CSA 7754' w/993 sx, TOC 420'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

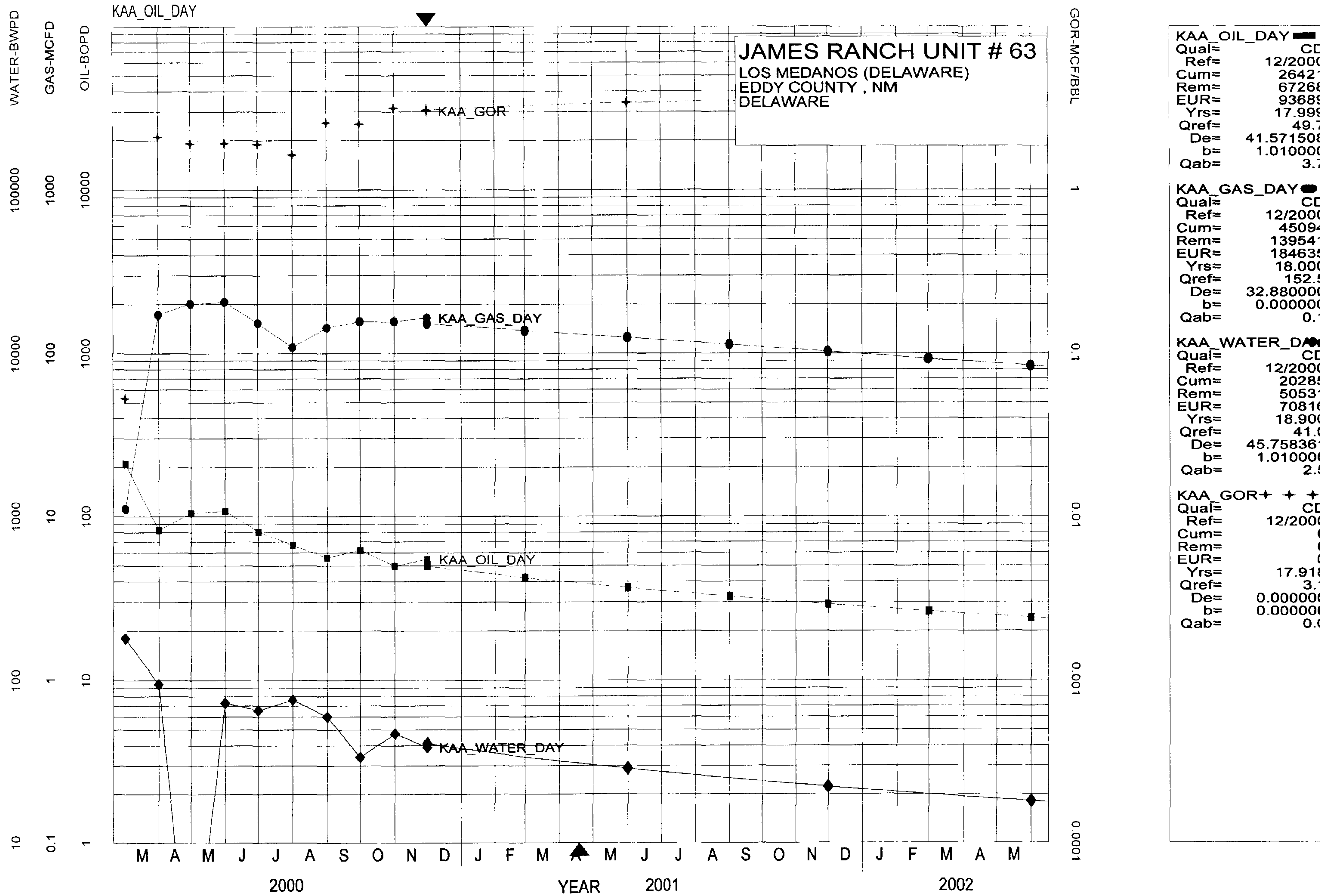
DST: None

CORES & LOGS: GR-DNL-LDT-AIT

INITIAL COMPLETION

12/24/99 to 1/10/00 **INITIAL COMPLETION**
TD 7754', PBTD 7670'.Ran logs.

1/26/00-1/27/00
Perf: 7490-7500', total 40 holes. Breakdown fm @ 1380 psi. **Frac** w/ 69,090 gal Viking 30 + 207,000# 16/30 Brady + 81,800 16/30 CR-4000. Open to pit 60 min ½ bpm 600 psi. Clean out, ran Pro Tech Isotope logging tool. RIH w/ tbg, EOT 7295' & rods, space out pump. 2-14-00 pmp 283 BO, 181 BW, 301 MCF. 1174 BOL



KAA_OIL_DAY
JAMES RANCH UNIT # 63
LOS MEDANOS (DELAWARE)
EDDY COUNTY , NM
DELAWARE
KAA_GOR
KAA_GAS_DAY
KAA_OIL_DAY
KAA_WATER_DAY
WATER-BWPD
GAS-MCFD
OIL-BOPD
GOR-MCF/BBL
10 100 1000 10000 100000
0.1 1 10 100 1000
1 10 100 1000 10000
1 0.1 0.01 0.001 0.0001
M A M J J A S O N D J F M A M J J A S O N D J F M A M
2000
YEAR
2001
2002
KAA_OIL_DAY
Qual= CD
Ref= 12/2000
Cum= 26421
Rem= 67268
EUR= 93689
Yrs= 17.999
Qref= 49.7
De= 41.571508
b= 1.010000
Qab= 3.7
KAA_GAS_DAY
Qual= CD
Ref= 12/2000
Cum= 45094
Rem= 139541
EUR= 184635
Yrs= 18.000
Qref= 152.5
De= 32.880000
b= 0.000000
Qab= 0.1
KAA_WATER_DAY
Qual= CD
Ref= 12/2000
Cum= 20285
Rem= 50531
EUR= 70816
Yrs= 18.900
Qref= 41.0
De= 45.758361
b= 1.010000
Qab= 2.5
KAA_GOR
Qual= CD
Ref= 12/2000
Cum= 0
Rem= 0
EUR= 0
Yrs= 17.918
Qref= 3.1
De= 0.000000
b= 0.000000
Qab= 0.0

RICT I
Box 1980, Hobbs, NM 88240

ISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-30857	50443	Quahada Ridge (Delaware) SE

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	63

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3294'

Surface Location

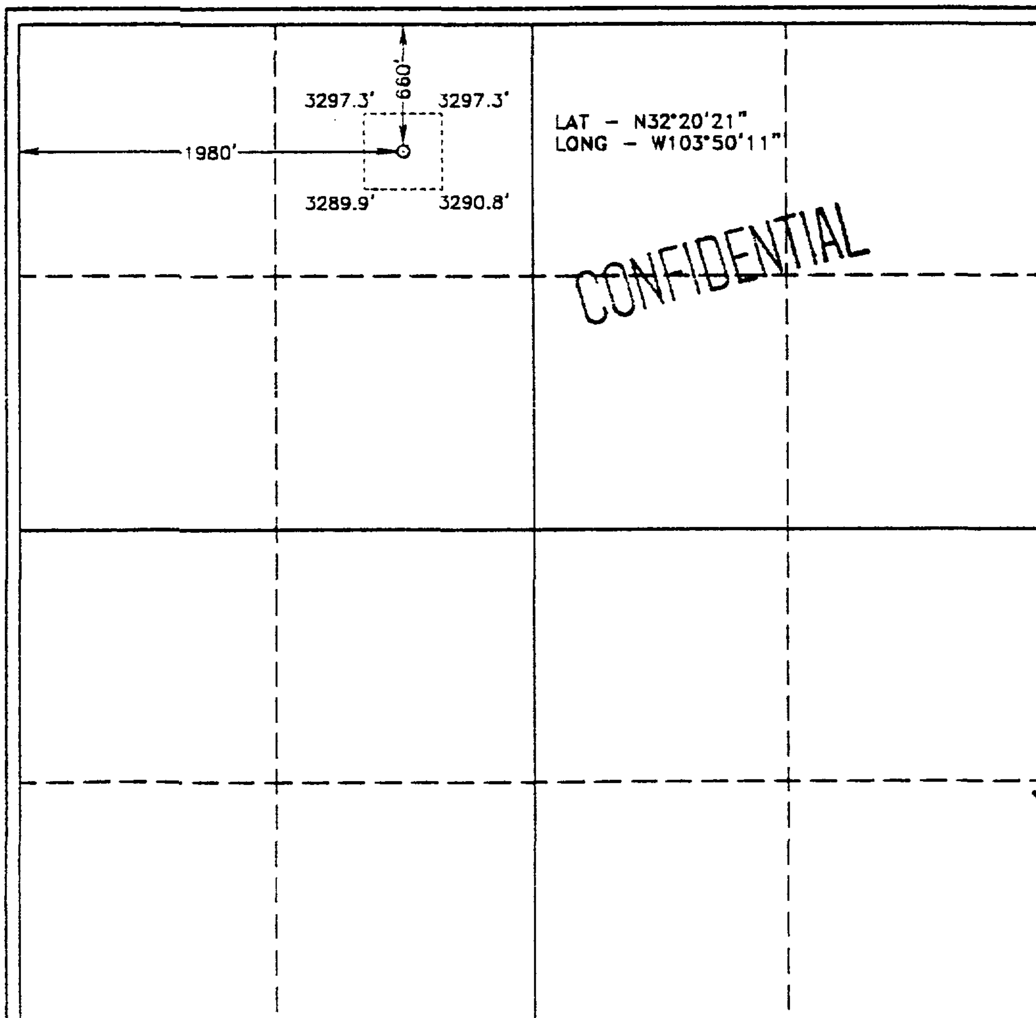
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	1	23 S	30 E		660	NORTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

2/16/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

September 30, 1999
Date Surveyed

Signature & Seal of Professional Surveyor

W.O. No. 8351

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* OPERATOR'S
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: LC-02884-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME: James Ranch Unit

2. NAME OF OPERATOR: Bass Enterprises Production Co.

8. FARM OR LEASE NAME, WELL NO.: James Ranch Unit 63

3. ADDRESS AND TELEPHONE NO.: P.O. Box 2760, Midland, TX 79702-2760 (915) 683-2277

9. API WELL NO.: 30-015-30857

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

At surface: 660' FNL & 1980' FWL, Unit Letter C

At top prod. interval reported below: Same

At total depth: Same

CONFIDENTIAL

10. FIELD AND POOL, OR WILDCAT: Quahada Ridge (Delaware) SE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T23S-R30E

14. PERMIT NO.: DATE ISSUED:

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12/23/99	1/9/00	1/31/00	3293.7' GL, 3307' KB	- - -

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS
7754'	7669'	Single		Yes	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 7490-7500' Delaware

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: LD-CN-GR

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	574'	14-3/4"	Surface	N/A
8-5/8"	32#	3808'	11"	Surface	N/A
5-1/2"	15.5#, 17#	7754'	7-7/8"	420'	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7295'	

31. PERFORATION RECORD (*Interval, size and number*)

Perf w/ 4" csg gun loaded w/ 19 gram GOEX and perf formation @ 7490-7500' (40 shots).

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7490-7500'	Frac with 69,090 gals Viking 30 + 207,000# 16/30 BS + 81,800 16/30 CR-4000

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping - size and type of pump*)	WELL STATUS (*Producing or shut-in*)
2/2/00	Pumping - 2-1/2" x 1-3/4" x 25'	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
2/12/00	24	- - -		419	265	211	632

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
- - -	- - -		419	265	211	42.9

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sales, Lease Use

TEST WITNESSED BY

ACCEPTED FOR RECORD
FEB 2 5 2000
BLM

35. LIST OF ATTACHMENTS: C-104, C-102, Logs

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

SIGNED Tami Wilber TITLE Tami Wilber Production Clerk DATE 2/16/00

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JAMES RANCH UNIT 63 LOS MED

Date: 01/18/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME	Scheduling Rates (INPUT DATA)			Schedule Until		Procedure		Ultimate (INITIAL CALCULATED DATA)	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	02/2000 6107 2551 3158 3338 2421 2066 1733 1866 #							49.661	9/2000			
401 "	X 1541 1640 #							52.842	11/2000			
402 GAS	02/2000 323 5358 6048 6409 4596 3381 4450 4703 4861 #							85.223	10/2000			
403 "	X 4965 #							90.188	11/2000			
404 WTR	02/2000 5227 2937 32 2261 1967 2356 1858 1016 1464 #							19.118	10/2000			
405 "	X 1167 #							20.285	11/2000			
406 START	12/2000											
407 OIL	1512.11	X	B/M	12/2018	AD	B/1.010	41.57	93.690	11/2018	51.0	1512.	111.
408 "	111.56	X	B/M	4.84	IMU	EXP	5.00	98.531	11/2022	5.0	112.	91.
409 START	12/2000											
410 GAS	4639.67	60.00	M/M	X	IMU	EXP	32.88	182.944	10/2011	32.8	4640.	60.
411 START	12/2000											
412 WTR	1248.39	X	B/M	67.01	IMU	B/1.010	45.76	67.013	8/2049	57.1	1248.	30.
413 START	02/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		11/2022		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		11/2022		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		11/2022		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		11/2022		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		1/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		1/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		11/2022		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		11/2022		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		1/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		1/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		1/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		1/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24001.000

```
541 PRI/GAS   -0.1300     X    $/M        TO       LIFE       PC         0.00                2/2006                -0.130   24001.000

600 OPC/T     1600.00     X    $/M        TO       LIFE       PC         0.00               11/2022              1600.000   1600.000
601 OPC/WTR      0.08     0.08 $/U        TO       LIFE       PC         0.00                1/2000                 0.080      0.080

602 ATX          0.17     X    %          TO       LIFE       PC         0.00               11/2022                 0.002      0.002

602 OPC/T        0.00     X    $/M        TO       LIFE       PC         0.00               11/2022                         1600.000

603 STX/OIL      7.08     X    %          TO       LIFE       PC         0.00               11/2022                 0.071      0.071

604 ATX          0.00     X    %          TO       LIFE       PC         0.00               11/2022                            0.002

604 STX/GAS      7.93     X    %          TO       LIFE       PC         0.00               11/2022                 0.079      0.079

605 STX/OIL      0.00     X    %          TO       LIFE       PC         0.00               11/2022                            0.071
606 STX/GAS      0.00     X    %          TO       LIFE       PC         0.00               11/2022                            0.079

705 LSE/WI   100.0000     D    %          TO       LIFE       FLAT       0.00               11/2022                 1.000      1.000

720 NET/OIL   87.5000     D    %          TO       LIFE       FLAT       0.00               11/2022                 0.875      0.875
740 NET/GAS   87.5000     D    %          TO       LIFE       FLAT       0.00               11/2022                 0.875      0.875

780 LSE/NPI    0.0000     D    %          TO       LIFE       FLAT       0.00               11/2022

OVERLAYS      Scheduling Rates          Schdule Until    Procedure         Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------  ------------------------    -------------    ---------------   ---------- ------- ---------  ----------  ----------
900 OIL     02/2000 6107 2551 3158 3338 2421 2066 1733 1866 #                 49.661  9/2000
901 "       X 1541 1640 #                                                     52.842 11/2000

902 GAS     02/2000 323 5358 6048 6409 4596 3381 4450 4703 4861 #             85.223 10/2000
903 "       X 4965 #                                                          90.188 11/2000

904 WTR     02/2000 5227 2937 32 2261 1967 2356 1858 1016 1464 #              19.118 10/2000
905 "       X 1167 #                                                          20.285 11/2000

INVESTMENT    Tangibles & Intangibles    Time             Procedure          Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    -----------------------    -------------    ---------------   ---------- ------- ---------  ----------  ----------
800 DRILL       132.12    370.59 M$G     02/2000 AD        PC         0.00    502.706  2/2000       0        502.7       502.7
801 SALV        -33.00      0.00 M$G     TO       LIFE     PC         0.00    -33.000 11/2022       0        -33.0       -33.0

MISC. PARAMETERS             Item                      Item
----------------------       ------------------        ------------------    --------------  --------------  --------------
201 CUMO, MB     26.42       CUMG, MMF    45.09        CUML, MB
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :   Prod = CD              Price = CD            Cost   = CD           Owner   = CD
               Title = DEFAULT         Misc  = CD            Invest = CD           Overlay = CD
NET/WTR           WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 63 LOS MED

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S
AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.9 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	502.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	502.7	-33.0	469.7
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	469.7	469.7
OIL PHASE													
8) GROSS OIL, MB	27.9	13.1	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6	77.8	15.9	93.7
9) NET OIL, MB	24.4	11.5	7.5	5.6	4.5	3.8	3.2	2.8	2.5	2.3	68.1	13.9	82.0
10) OIL REVENUE, M$	716.0	286.3	166.9	118.0	91.0	76.3	63.6	55.1	49.0	44.2	1666.6	272.0	1938.6
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.78	19.59	19.59	19.59	24.48	19.59	23.65
GAS PHASE													
12) GROSS GAS, MMF	49.7	44.4	29.8	20.0	13.4	9.0	6.1	4.1	2.7	1.8	181.0	1.9	182.9
13) NET GAS, MMF	43.5	38.9	26.1	17.5	11.8	7.9	5.3	3.6	2.4	1.6	158.4	1.7	160.1
14) GAS REVENUE, M$	162.9	298.9	128.9	69.2	43.1	28.5	18.9	12.7	8.5	5.7	777.2	6.0	783.3
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.608	3.570	3.570	3.570	3.570	4.907	3.570	4.893
ECONOMICS, M$													
19) GROSS REV. TO INTR.	878.9	585.2	295.8	187.2	134.2	104.8	82.5	67.8	57.6	49.9	2443.9	278.1	2721.9
20) - SEV. TAX	63.6	44.0	22.0	13.8	9.9	7.7	6.0	4.9	4.1	3.6	179.6	19.7	199.4
21) - AD VALOREM TAX	1.4	0.9	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	3.8	0.4	4.3
22) - OPERATING COSTS	19.3	20.0	19.7	19.6	19.5	19.4	19.4	19.4	19.4	19.3	195.1	171.9	367.0
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	794.6	520.3	253.5	153.5	104.6	77.5	57.0	43.4	34.0	26.9	2065.3	86.0	2151.3
29) - INVESTMENTS & RSK	502.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	502.7	-33.0	469.7
30) = BFIT NET	291.9	520.3	253.5	153.5	104.6	77.5	57.0	43.4	34.0	26.9	1562.6	119.0	1681.6
PRESENT WORTH @ 10.00 %													
31) NET INCOME	760.9	452.8	200.5	110.3	68.3	46.0	30.8	21.3	15.1	10.9	1716.9	25.7	1742.6
32) INVESTMENTS & RISK	498.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	498.7	-5.5	493.2
33) BFIT NET	262.2	452.8	200.5	110.3	68.3	46.0	30.8	21.3	15.1	10.9	1218.2	31.2	1249.4
34) CUM BFIT NET	262.2	715.0	915.5	1025.8	1094.1	1140.1	1170.9	1192.2	1207.3	1218.2	1218.2	1249.4	1249.4

JAMES RANCH UNIT 63 LOS MED

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.9 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	370.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	370.6	0.0	370.6
3) DEPRECIABLE	132.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.1	-33.0	99.1
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	878.9	585.2	295.8	187.2	134.2	104.8	82.5	67.8	57.6	49.9	2443.9	278.1	2721.9
5) - SEVERANCE TAX	63.6	44.0	22.0	13.8	9.9	7.7	6.0	4.9	4.1	3.6	179.6	19.7	199.4
6) - OPR. COSTS & ATX	20.7	20.9	20.2	19.9	19.7	19.6	19.5	19.5	19.5	19.4	198.9	172.3	371.2
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	39.6	27.7	19.4	13.6	9.5	6.7	4.7	3.3	2.3	1.6	128.4	3.7	132.1
12) = NET	755.0	492.5	234.1	139.9	95.1	70.8	52.3	40.2	31.7	25.3	1936.9	82.3	2019.2
13) - DEPLETION TAKEN	110.3	51.8	34.1	25.5	20.4	17.0	14.5	12.7	11.3	10.2	307.8	62.8	370.6
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	644.7	440.7	200.0	114.4	74.7	53.9	37.8	27.4	20.4	15.1	1629.1	19.5	1648.6
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	219.2	149.8	68.0	38.9	25.4	18.3	12.8	9.3	6.9	5.1	553.9	6.6	560.5
19) REVENUE-SEV	815.3	541.2	273.7	173.4	124.3	97.1	76.5	62.9	53.4	46.3	2264.2	258.3	2522.5
20) - OPR. COSTS & ATX	20.7	20.9	20.2	19.9	19.7	19.6	19.5	19.5	19.5	19.4	198.9	172.3	371.2
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	219.2	149.8	68.0	38.9	25.4	18.3	12.8	9.3	6.9	5.1	553.9	6.6	560.5
24) = A.F.I.T.	575.4	370.4	185.5	114.6	79.2	59.2	44.1	34.1	27.0	21.7	1511.4	79.4	1590.8
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	575.4	370.4	185.5	114.6	79.2	59.2	44.1	34.1	27.0	21.7	1511.4	79.4	1590.8
28) - INVESTMENTS & RSK	502.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	502.7	-33.0	469.7
29) = A.F.I.T. NET	72.7	370.4	185.5	114.6	79.2	59.2	44.1	34.1	27.0	21.7	1008.7	112.4	1121.1
PRESENT WORTH @ 10.00 %													
30) NET INCOME	548.7	321.1	146.2	82.1	51.6	35.0	23.8	16.7	12.0	8.8	1245.9	23.1	1269.0
31) INVESTMENTS & RISK	498.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	498.7	-5.5	493.2
32) A.F.I.T. NET	49.9	321.1	146.2	82.1	51.6	35.0	23.8	16.7	12.0	8.8	747.2	28.6	775.7
33) CUM. A.F.I.T. NET	49.9	371.0	517.2	599.3	650.9	685.9	709.7	726.4	738.4	747.2	747.2	775.7	775.7

JAMES RANCH UNIT 63 LOS MED

DATE : 01/18/2001
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SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	1681.582	1121.065	1698.583
5.	1429.146	917.282	1268.898
10.	1249.357	775.730	1017.178
15.	1112.990	670.134	848.542
20.	1004.868	587.302	725.556
25.	916.361	519.963	630.643
30.	842.171	463.766	554.455
35.	778.834	415.928	491.523
40.	723.974	374.570	438.409
50.	633.329	306.340	353.159
60.	561.183	252.084	287.285
70.	502.169	207.710	234.562
80.	452.865	170.625	191.248
90.	410.971	139.096	154.934
100.	374.876	111.912	123.990
RATE OF RETURN, PCT.	100.0	100.0	
UNDISCOUNTED PAYOUT, YRS.	0.63	0.87	
DISCOUNTED PAYOUT, YRS.	0.66	0.91	
UNDISCOUNTED NET/INVEST.	4.58	3.39	
DISCOUNTED NET/INVEST.	3.53	2.57	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #66 FORMATION DELAWARE

LOCATION M UNIT, 660 FEET FROM SOUTH LINE & 990 FEET FROM WEST LINE

SECTION 36 TOWNSHIP 22S, RANGE 30E, COUNTY EDDY, NEW MEXICO

SPUD DATE 4/24/00 COMPLETION DATE 5/24/00 INITIAL PRODUCTION 5/27/00

PERFORATIONS 7484-89', 7268-73'

STIMULATION:

ACID

FRACTURE 7484-89', Frac w/ 63,134 gal Viking 30, 175,527# 16/30 Brady Sand, 53,895# CR-4000.

7268-73', Frac w/ 45,755 gal Viking 30, 188,593# 16/30 Brady Sand, 50,346# CR-4000.

POTENTIAL 6/9/00 Pmpd 160 BO 196 MCF 168 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) *proration unit size, acres*	40			
Porosity (por), %	15.2%			
Water saturation (Sw), %	57%			
Net Thickness (h), ft.	114			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,173			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	231,221			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)

Boi = 1.50

JAMES RANCH UNIT #66
Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 20,074 BBLS

	PRODUCING
INITIAL RATE (qi)	2,171
ECONOMIC LIMIT (ql)	60
DECLINE RATE, dy (Hyperbolic, n=1.01)	50.01%
REMAINING OIL (Q) =	77,526
ULTIMATE RECOVERABLE OIL	97,600

(Attach plat showing proration unit and participating area.)

ECONOMIC

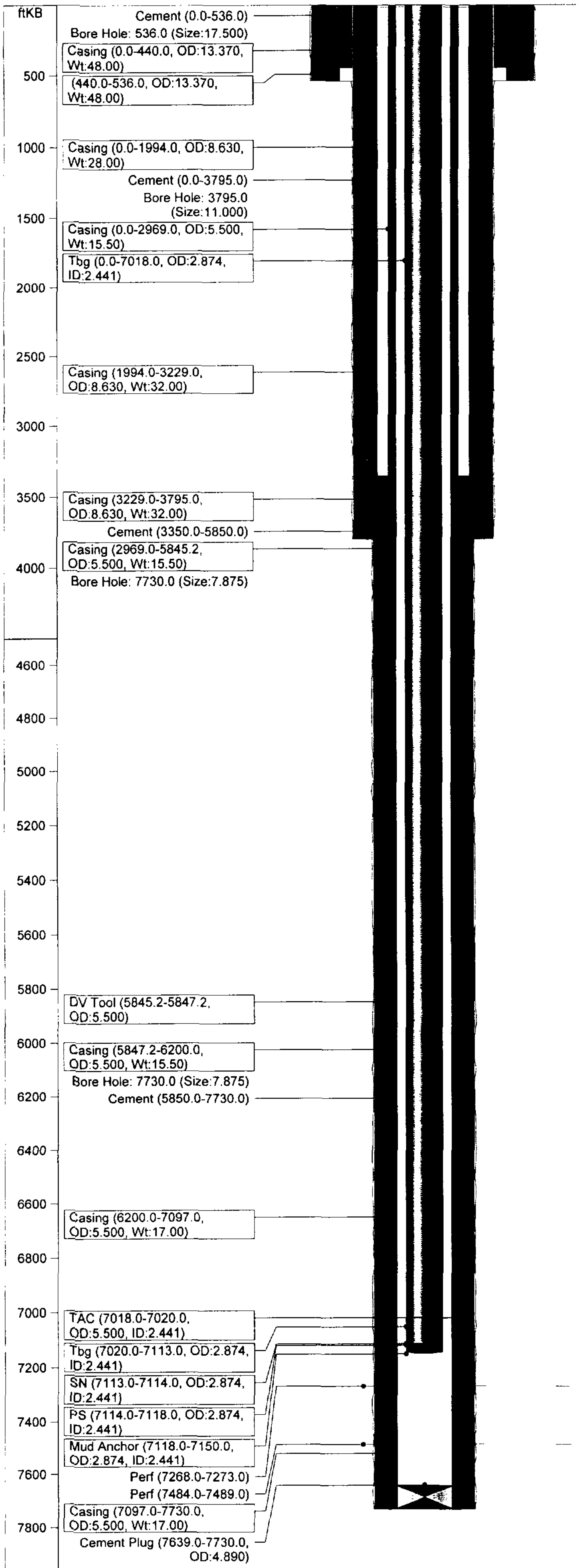
WELL COST $ 521,875 (to the depth of formation completed)

RECOMPLETION COST $ ______

TOTAL COST $ 521,875

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-521,875
1	22,200	643,900	62,800	545,300
2	17,000	525,000	60,500	404,700
3	10,200	271,600	40,600	182,700
4	7,300	184,000	33,700	107,900
5	5,700	142,000	30,400	72,800
6	4,700	119,800	28,700	54,100
7	4,000	102,100	27,300	40,300
8	3,500	90,200	26,200	31,300
9	3,100	81,500	25,600	24,900
10	2,700	74,500	25,100	20,000
REMAINDER	17,200	490,800	216,500	75,200
TOTAL	97,600	2,725,400	577,400	1,037,325

WELL IS COMMERCIAL



JAMES RANCH UNIT #66

API No.	3001531065	Comments	
TD	7730.0 ftKB	Status	ACT OIL
PBTD	7730.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	66	Spud	4/25/2000
ID Code	C%QGDLV8.066	RR	5/7/2000
Field	QUAHADA RIDGE, SE (DELAWARE)	Completion	5/17/2000
Author	CDP	Last Act.	
Date Updated	6/15/2000	Abandoned	

Location

Township	22S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	660.0 ft S
		Top EW Distance	990.0 ft W
Section	36	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3307.2 ft	Cas Flng	0.0 ft
Grd	3293.4 ft	Tub Head	0.0 ft
KB-Grd	13.8 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	4/26/2000	0.0	440.0	10	13.370	12.720	48.00	H40	STC
	4/26/2000	440.0	536.0	2	13.370	12.720	48.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	4/30/2000	0.0	1994.0	47	8.630	8.020	28.00	WC50	LTC
Casing	4/30/2000	1994.0	3229.0	29	8.630	7.920	32.00	WC50	LTC
Casing	4/30/2000	3229.0	3795.0	14	8.630	7.920	32.00	K55	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	5/7/2000	0.0	2969.0	67	5.500	4.950	15.50	K55	LTC
Casing	5/7/2000	2969.0	5845.2	69	5.500	4.950	15.50	J55	LTC
DV Tool	5/7/2000	5845.2	5847.2		5.500	4.950	0.00		
Casing	5/7/2000	5847.2	6200.0	8	5.500	4.950	15.50	J55	LTC
Casing	5/7/2000	6200.0	7097.0	21	5.500	4.890	17.00	K55	LTC
Casing	5/7/2000	7097.0	7730.0	15	5.500	4.890	17.00	L80	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	4/26/2000	0.0	536.0	460	Circ
Intermediate Casing	4/30/2000	0.0	3795.0	820	Surface
Production Casing	5/7/2000	3350.0	5850.0	325	TOC Temp Survey
Production Casing	5/7/2000	5850.0	7730.0	315	

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	5/24/2000	0.0	7018.0	221	2.874	2.441	6.40	J55	
TAC	5/24/2000	7018.0	7020.0		5.500	2.441	0.00		
Tbg	5/24/2000	7020.0	7113.0	3	2.874	2.441	6.40	J55	
SN	5/24/2000	7113.0	7114.0		2.874	2.441	0.00		
PS	5/24/2000	7114.0	7118.0		2.874	2.441	0.00		
Mud Anchor	5/24/2000	7118.0	7150.0	1	2.874	2.441	6.40	J55	

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
	Cement Plug	7639.0	7730.0	4.890	0.000

Perforations

Date	Int	Holes	Status
5/17/2000	7484.0 - 7489.0	4.0	Open
5/22/2000	7268.0 - 7273.0	4.0	Open

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
5/18/2000	Fracture	7484.0 - 7489.0	63,134 Gal Viking 30	175,527# 16/30 Brady 53,895# 16/30 CR4000
5/23/2000	Fracture	7268.0 - 7273.0	45,755 Gal Viking 30	188,593# 16/30 Brady 50,436# 16/30 CR4000

WELL HISTORY

WELL NAME: James Ranch Unit #66

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 660' FSL & 990' FWL, Sec 36, T22S, R30E, Eddy County, New Mexico

ELEV: 3292.0' GL, 3306' KB

SPUD DATE: 4/25/2000, RR 5/7/2000

COMP DATE: 5/17/2000

ORIG TD: 7730'

ORIG PBTD: 7639'

CASING:
13 3/8' 48# H-40 & WC40 CSA 536' w/460 sx, cmt circ, 17 ½" hole.
8 5/8" 32#, WC50, J55, & HCK55, CSA 3895' w/820 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, J-55 K55 & L80, CSA 7730' w/640 sx, TOC 3350'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

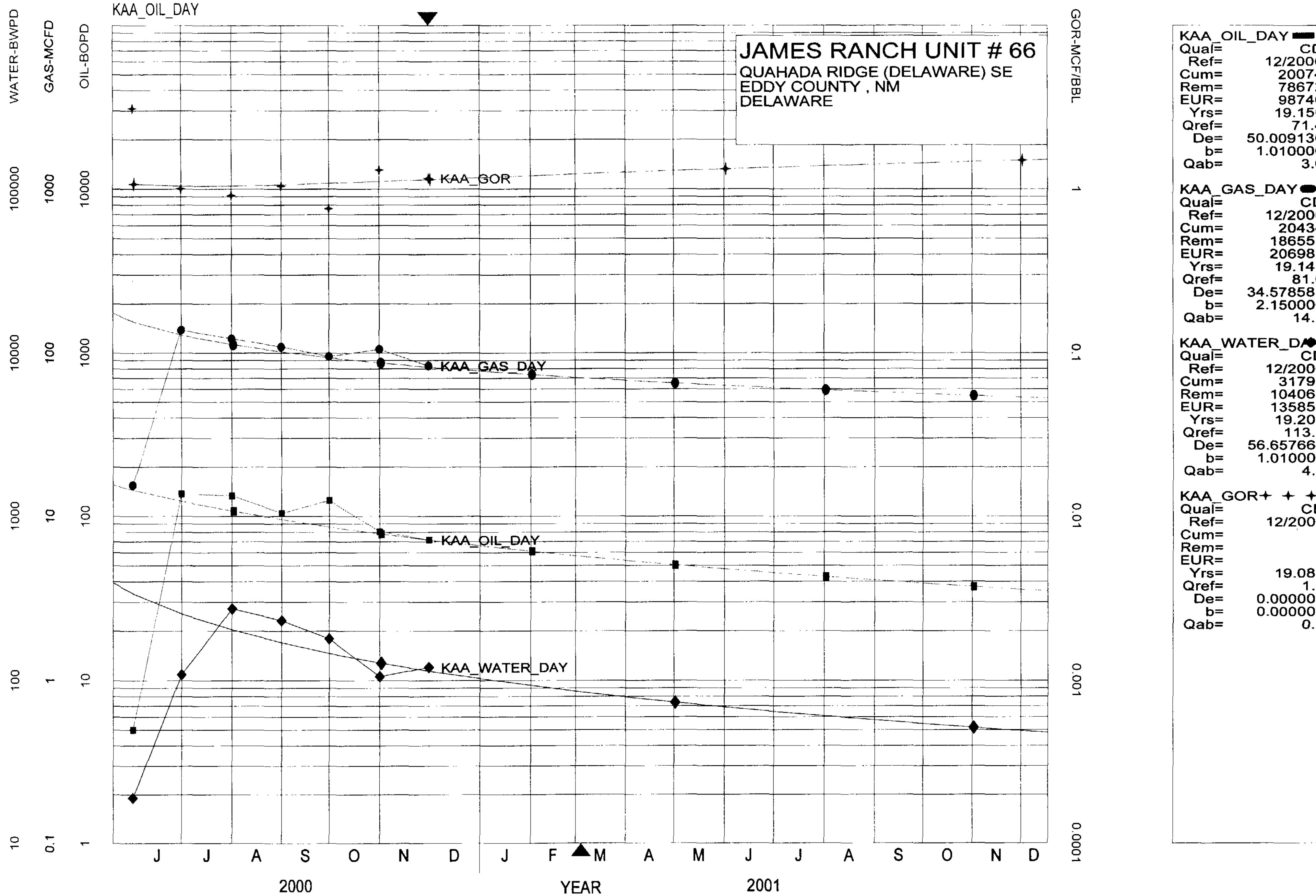
DST: None

CORES & LOGS: GR-CN-LDT-AIT

INITIAL COMPLETION

4/25/00 TO 5/6/00 **INITIAL COMPLETION**
TD 7730', PBTD 7639'.Ran logs.

5/15/00 TO 6/6/00
Perf: 7484-7489', total 20 holes. Breakdown fm @ 1810 psi. **Pumped** 8526 gals Viking 30, **frac** w/ 63,134 gal Viking 30 + 175,527# 16/30 Brady + 53,895# 16/30 CR-4000. Open to pit 60 min 1 bpm. Clean out, RIH Set RBP @ 7400'. **Perf: 7268-7273'**, total 20 holes. **Frac** w/ 47,755 Gal Viking 30 + 188,593# 16/30 Brady + 50,346# 16/30 CR4000. POH w/ RBP, RIH w/ Tbg. EOT @ 7150'. Place on Pmp. 6/1/00 24 hr tst 128 BO 223 BW 174 MCF.


JAMES RANCH UNIT # 66
QUAHADA RIDGE (DELAWARE) SE
EDDY COUNTY , NM
DELAWARE
KAA_OIL_DAY
WATER-BWPD
GAS-MCFD
OIL-BOPD
GOR-MCF/BBL
KAA_GOR
KAA_GAS_DAY
KAA_OIL_DAY
KAA_WATER_DAY
100000 10000 1000 100 10
1000 100 10 1 0.1
10000 1000 100 10 1
1 0.1 0.01 0.001 0.0001
J J A S O N D J F M A M J J A S O N D
2000
YEAR
2001
KAA_OIL_DAY
Qual= CD
Ref= 12/2000
Cum= 20074
Rem= 78672
EUR= 98746
Yrs= 19.150
Qref= 71.4
De= 50.009130
b= 1.010000
Qab= 3.6
KAA_GAS_DAY
Qual= CD
Ref= 12/2000
Cum= 20434
Rem= 186551
EUR= 206985
Yrs= 19.147
Qref= 81.6
De= 34.578585
b= 2.150000
Qab= 14.0
KAA_WATER_DAY
Qual= CD
Ref= 12/2000
Cum= 31795
Rem= 104060
EUR= 135855
Yrs= 19.200
Qref= 113.6
De= 56.657664
b= 1.010000
Qab= 4.4
KAA_GOR
Qual= CD
Ref= 12/2000
Cum= 0
Rem= 0
EUR= 0
Yrs= 19.085
Qref= 1.1
De= 0.000000
b= 0.000000
Qab= 0.0

DISTRICT I
French Dr., Hobbs, NM 88240
DISTRICT II
South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31065	50443	Quahada Ridge (Delaware); Southeast

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	66

OGRID No.	Operator Name	Elevation
	BASS ENTERPRISES PRODUCTION COMPANY	3292'

Surface Location

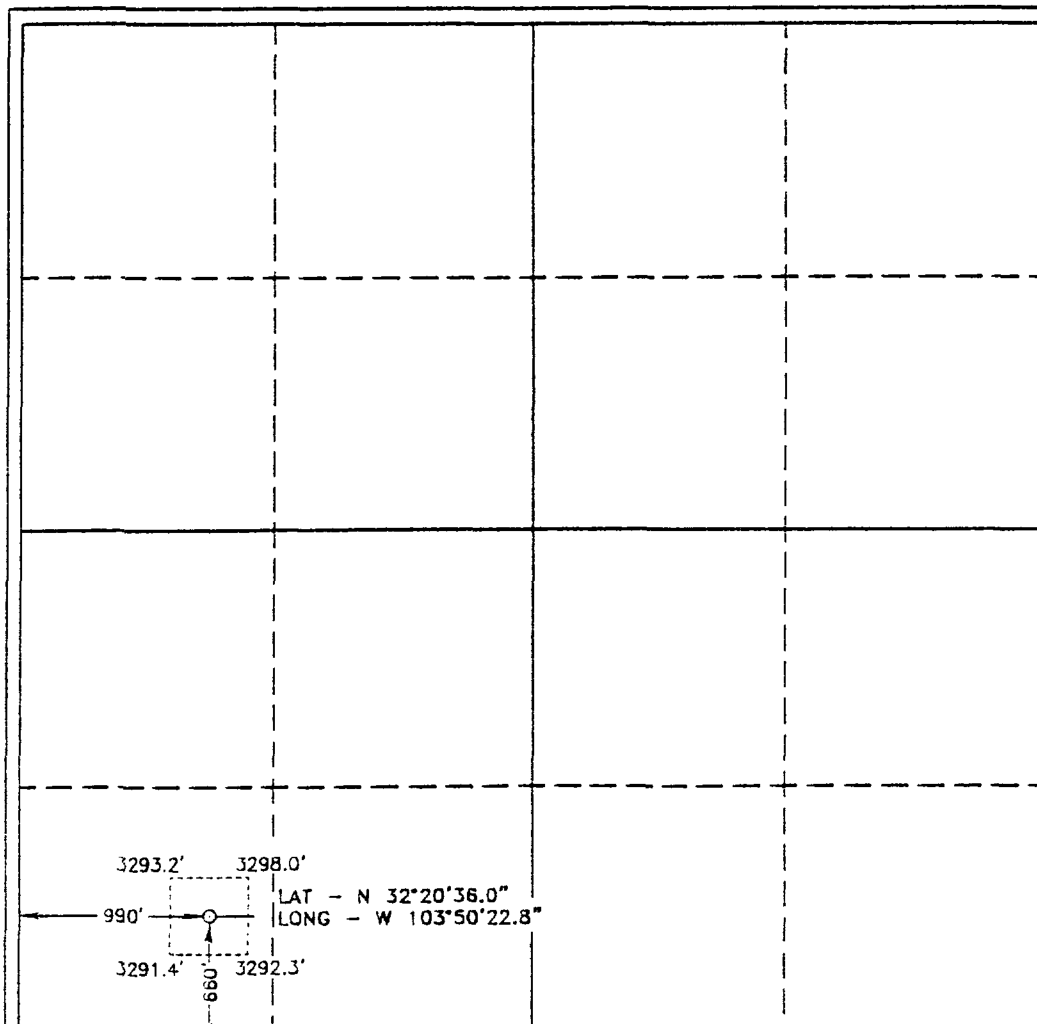
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	22 S	30 E		660	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

6/14/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

February 28, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES NEW MEXICO 7977 PROFESSIONAL SURVEYOR

W.O. No. 0114D

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-015-31065

5. Indicate Type Of Lease: STATE [X] FEE [ ]

6. State Oil & Gas Lease No. 001786

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR [ ] OTHER

7. Lease Name or Unit Agreement Name: James Ranch Unit

2. Name of Operator: Bass Enterprises Production Co.

8. Well No. 66

3. Address of Operator: P.O. Box 2760 Midland, TX 79702-2760

9. Pool name or Wildcat: Quahada Ridge (Delaware); Southeast

4. Well Location
Unit Letter M : 660' Feet From The South Line and 990' Feet From The West Line
Section 36 Township 22S Range 30E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl.(Ready to Prod.)	13. Elevations(DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
4/24/00	5/7/00	5/24/00	3292' GL	- - -

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7730'	7639'	Single		X	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 7268-73', 7484-89' (Delaware)

20. Was Directional Survey Made: Yes

21. Type Electric and Other Logs Run: LD-CN-GR; AI-GR

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	536'	17-1/2"	460 sx; Class C	N/A
8-5/8"	28#, 32#	3795'	11"	820 sx; Poz C, Class C	N/A
5-1/2"	15.5#	7730'	7-7/8"	640 sx; Super C, Poz C	N/A

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7150'	- - -

26. Perforation record (interval, size, and number)
7484-89' (5', 20 holes)
7268-73' (5', 20 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7484-89'	63,134 g V-30+175,527# 16/30 BS+ 53,895# CR-4000
7268-73'	45,755 g V-30+188,593# 16/30 BS + 50,346# CR-4000

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
5/27/00	Pumping 2-1-2" x 1-3/4" x 25'	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/9/00	24	14/64		160	196	168	1225

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
150	350		160	196	168	

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sales, Lease Use

Test Witnessed By

30. List Attachments: Logs, Inclination Survey, C-102, C-104

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Tami Wilber Printed Name Tami Wilber Title Production Clerk Date 6/14/00

JAMES RANCH UNIT 66 QUAHADA

Date: 01/17/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

	INPUT DATA							INITIAL CALCULATED DATA				
ITEM NAME	Scheduling Rates			Schedule Until		Procedure		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	05/2000 155 4124 4145 3242 3753 2503 2152 #							20.074	11/2000			
401 GAS	05/2000 480 4147 3794 3383 2857 3269 2504 #							20.434	11/2000			
402 WTR	05/2000 591 3266 8471 7185 5391 3282 3609 #							31.795	11/2000			
403 START	12/2000											
404 OIL	2171.59	X	B/M	04/2019	AD	B/1.010	50.01	77.578	3/2019	63.3	2172.	114.
405 "	114.14	X	B/M	5.41	IMU	EXP	5.00	82.991	8/2023	5.0	114.	91.
406 START	12/2000											
407 GAS	2483.14	X	M/M	04/2009	AD	B/2.150	34.58	112.544	3/2009	49.9	2483.	742.
408 "	739.01	X	M/M	165.79	IMU	EXP	5.00	278.338	7/2071	5.0	739.	30.
409 START	12/2000											
410 WTR	3456.62	X	B/M	153.10	IMU	B/1.010	56.66	153.104	1/2090	73.1	3457.	30.
411 START	05/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		8/2023		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		8/2023		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		8/2023		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		8/2023		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		4/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		4/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		8/2023		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		8/2023		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		4/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		4/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		4/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		4/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24004.000
541 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24004.000

```
600 OPC/T     1600.00      X    $/M        TO      LIFE      PC        0.00               8/2023               1600.000   1600.000
601 OPC/WTR      0.08   0.08 $/U        TO      LIFE      PC        0.00               4/2000                  0.080      0.080

602 ATX          0.17      X    %          TO      LIFE      PC        0.00               8/2023                  0.002      0.002

602 OPC/T        0.00      X    $/M        TO      LIFE      PC        0.00               8/2023                          1600.000

603 STX/OIL      7.08      X    %          TO      LIFE      PC        0.00               8/2023                  0.071      0.071

604 ATX          0.00      X    %          TO      LIFE      PC        0.00               8/2023                             0.002

604 STX/GAS      7.93      X    %          TO      LIFE      PC        0.00               8/2023                  0.079      0.079

605 STX/OIL      0.00      X    %          TO      LIFE      PC        0.00               8/2023                             0.071
606 STX/GAS      0.00      X    %          TO      LIFE      PC        0.00               8/2023                             0.079

705 LSE/WI   100.0000      D    %          TO      LIFE      FLAT      0.00               8/2023                  1.000      1.000

720 NET/OIL   87.5000      D    %          TO      LIFE      FLAT      0.00               8/2023                  0.875      0.875
740 NET/GAS   87.5000      D    %          TO      LIFE      FLAT      0.00               8/2023                  0.875      0.875

780 LSE/NPI    0.0000      D    %          TO      LIFE      FLAT      0.00               8/2023

OVERLAYS      Scheduling Rates          Schdule Until     Procedure         Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    ----------------------    -------------     ---------------   ---------- ------- ---------  ----------  ----------
900 OIL     05/2000 155 4124 4145 3242 3753 2503 2152 #                        20.074 11/2000

901 GAS     05/2000 480 4147 3794 3383 2857 3269 2504 #                        20.434 11/2000

902 WTR     05/2000 591 3266 8471 7185 5391 3282 3609 #                        31.795 11/2000

INVESTMENT    Tangibles & Intangibles    Time             Procedure         Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    ----------------------    -------------     ---------------   ---------- ------- ---------  ----------  ----------
800 DRILL      152.02   369.85 M$G      05/2000 AD        PC        0.00     521.875  5/2000         0       521.8       521.8
801 SALV       -33.00     0.00 M$G      TO      LIFE      PC        0.00     -33.000  8/2023         0       -33.0       -33.0

MISC. PARAMETERS            Item                       Item
----------------------      ------------------         ------------------   --------------  --------------  --------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :   Prod = CD             Price = CD            Cost   = CD           Owner   = CD
               Title = DEFAULT        Misc  = CD            Invest = CD           Overlay = CD
NET/WTR           WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 66 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S
AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	19.2 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	521.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	521.9	-33.0	488.9
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.9	488.9
OIL PHASE													
8) GROSS OIL, MB	22.2	17.0	10.2	7.3	5.7	4.7	4.0	3.5	3.1	2.7	80.5	17.2	97.6
9) NET OIL, MB	19.4	14.9	8.9	6.4	5.0	4.1	3.5	3.0	2.7	2.4	70.4	15.0	85.4
10) OIL REVENUE, M$	568.9	372.3	197.9	134.5	101.4	83.7	69.1	59.4	52.5	47.1	1686.8	294.5	1981.3
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.79	19.59	19.59	19.59	23.96	19.59	23.19
GAS PHASE													
12) GROSS GAS, MMF	22.8	22.7	17.1	14.3	12.6	11.4	10.6	9.8	9.3	8.8	139.5	62.8	202.3
13) NET GAS, MMF	20.0	19.9	14.9	12.5	11.1	10.0	9.2	8.6	8.1	7.7	122.0	55.0	177.0
14) GAS REVENUE, M$	75.0	152.8	73.7	49.5	40.6	36.1	33.0	30.8	29.0	27.4	547.8	196.3	744.1
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.604	3.570	3.570	3.570	3.570	4.489	3.570	4.203
ECONOMICS, M$													
19) GROSS REV. TO INTR.	643.9	525.0	271.6	184.0	142.0	119.8	102.1	90.2	81.5	74.5	2234.6	490.8	2725.4
20) - SEV. TAX	46.2	38.5	19.9	13.4	10.4	8.8	7.5	6.6	6.0	5.5	162.9	36.4	199.3
21) - AD VALOREM TAX	1.0	0.8	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	3.5	0.8	4.3
22) - OPERATING COSTS	15.6	21.2	20.3	20.0	19.8	19.7	19.6	19.5	19.5	19.5	194.6	179.3	374.0
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	581.0	464.6	231.1	150.3	111.5	91.2	74.8	63.9	55.9	49.4	1873.6	274.3	2147.9
29) - INVESTMENTS & RSK	521.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	521.9	-33.0	488.9
30) = BFIT NET	59.1	464.6	231.1	150.3	111.5	91.2	74.8	63.9	55.9	49.4	1351.7	307.3	1659.0
PRESENT WORTH @ 10.00 %													
31) NET INCOME	545.3	404.7	182.7	107.9	72.8	54.1	40.3	31.3	24.9	20.0	1484.0	75.2	1559.2
32) INVESTMENTS & RISK	505.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	505.6	-5.3	500.2
33) BFIT NET	39.8	404.7	182.7	107.9	72.8	54.1	40.3	31.3	24.9	20.0	978.5	80.5	1059.0
34) CUM BFIT NET	39.8	444.5	627.2	735.1	807.9	862.0	902.3	933.6	958.5	978.5	978.5	1059.0	1059.0

JAMES RANCH UNIT 66 QUAHADA

DATE : 01/17/2001
TIME :
DBS : *INDWELLS*
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	19.2 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	369.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	369.9	0.0	369.9
3) DEPRECIABLE	152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.0	-33.0	119.0
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	643.9	525.0	271.6	184.0	142.0	119.8	102.1	90.2	81.5	74.5	2234.6	490.8	2725.4
5) - SEVERANCE TAX	46.2	38.5	19.9	13.4	10.4	8.8	7.5	6.6	6.0	5.5	162.9	36.4	199.3
6) - OPR. COSTS & ATX	16.6	22.0	20.7	20.3	20.0	19.9	19.8	19.7	19.6	19.6	198.2	180.1	378.2
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	45.6	31.9	22.3	15.6	11.0	7.7	5.4	3.8	2.6	1.8	147.7	4.3	152.0
12) = NET	535.4	432.6	208.7	134.7	100.6	83.5	69.4	60.1	53.2	47.5	1725.8	270.0	1995.8
13) - DEPLETION TAKEN	83.9	64.5	38.7	27.8	21.7	17.8	15.1	13.1	11.6	10.4	304.8	65.1	369.9
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	451.5	368.1	170.0	106.9	78.9	65.7	54.3	47.0	41.6	37.1	1421.1	204.9	1626.0
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	153.5	125.2	57.8	36.3	26.8	22.3	18.5	16.0	14.1	12.6	483.2	69.7	552.8
19) REVENUE-SEV	597.6	486.6	251.8	170.6	131.6	111.0	94.6	83.5	75.5	69.0	2071.7	454.4	2526.1
20) - OPR. COSTS & ATX	16.6	22.0	20.7	20.3	20.0	19.9	19.8	19.7	19.6	19.6	198.2	180.1	378.2
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	153.5	125.2	57.8	36.3	26.8	22.3	18.5	16.0	14.1	12.6	483.2	69.7	552.8
24) = A.F.I.T.	427.5	339.4	173.3	114.0	84.7	68.8	56.3	47.9	41.7	36.8	1390.4	204.6	1595.0
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	427.5	339.4	173.3	114.0	84.7	68.8	56.3	47.9	41.7	36.8	1390.4	204.6	1595.0
28) - INVESTMENTS & RSK	521.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	521.9	-33.0	488.9
29) = A.F.I.T. NET	-94.4	339.4	173.3	114.0	84.7	68.8	56.3	47.9	41.7	36.8	868.5	237.6	1106.2
PRESENT WORTH @ 10.00 %													
30) NET INCOME	407.6	294.2	136.5	81.6	55.2	40.8	30.3	23.4	18.6	14.9	1103.1	55.9	1159.0
31) INVESTMENTS & RISK	505.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	505.6	-5.3	500.2
32) A.F.I.T. NET	-97.9	294.2	136.5	81.6	55.2	40.8	30.3	23.4	18.6	14.9	597.5	61.2	658.8
33) CUM. A.F.I.T. NET	-97.9	196.3	332.8	414.4	469.6	510.4	540.7	564.1	582.7	597.5	597.5	658.8	658.8

JAMES RANCH UNIT 66 QUAHADA

DATE : 01/17/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	1658.987	1106.152	1675.987
5.	1293.141	831.750	1145.432
10.	1058.967	658.761	857.845
15.	896.368	540.249	678.308
20.	776.185	453.697	555.169
25.	683.072	387.370	464.986
30.	608.329	334.669	395.750
35.	546.693	291.626	340.709
40.	494.793	255.713	295.781
50.	411.817	199.027	226.631
60.	348.076	156.198	175.768
70.	297.385	122.665	136.753
80.	256.028	95.710	105.896
90.	221.613	73.595	80.916
100.	192.518	55.150	60.313
RATE OF RETURN, PCT.	100.0	100.0	
UNDISCOUNTED PAYOUT, YRS.	0.90	1.28	
DISCOUNTED PAYOUT, YRS.	0.93	1.33	
UNDISCOUNTED NET/INVEST.	4.39	3.26	
DISCOUNTED NET/INVEST.	3.12	2.32	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #67 FORMATION DELAWARE

LOCATION L UNIT, 1874 FEET FROM SOUTH LINE & 1096 FEET FROM WEST LINE

SECTION 36 TOWNSHIP 22S, RANGE 30E, COUNTY EDDY, NEW MEXICO

SPUD DATE 3/28/00 COMPLETION DATE 5/8/00 INITIAL PRODUCTION 5/9/00

PERFORATIONS 7430-35', 7264-74'

STIMULATION:

ACID

FRACTURE 7430-35', Frac w/ 46,116 Gal Viking 30, 145,963# 16/30 Brady Sand, 37,090# CR-4000.

7264-74', Frac w/ 49,222 gal Viking 30, 184,565# 16/30 Brady Sand, 47,604# CR-4000.

POTENTIAL 5/23/2000, Pmpd 250 BO, 250 MCF, 227 BW.

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	15.4%			
Water saturation (Sw), %	59%			
Net Thickness (h), ft.	83			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,160			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	162,627			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF) Boi = 1.50

JAMES RANCH UNIT #67
Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 25,253 BBLS

	PRODUCING
INITIAL RATE (qi)	2,736
ECONOMIC LIMIT (ql)	106
DECLINE RATE, dy (Hyperbolic, n=.1.01)	43.22%
REMAINING OIL (Q) =	142,447
ULTIMATE RECOVERABLE OIL	167,800

(Attach plat showing proration unit and participating area.)

ECONOMIC

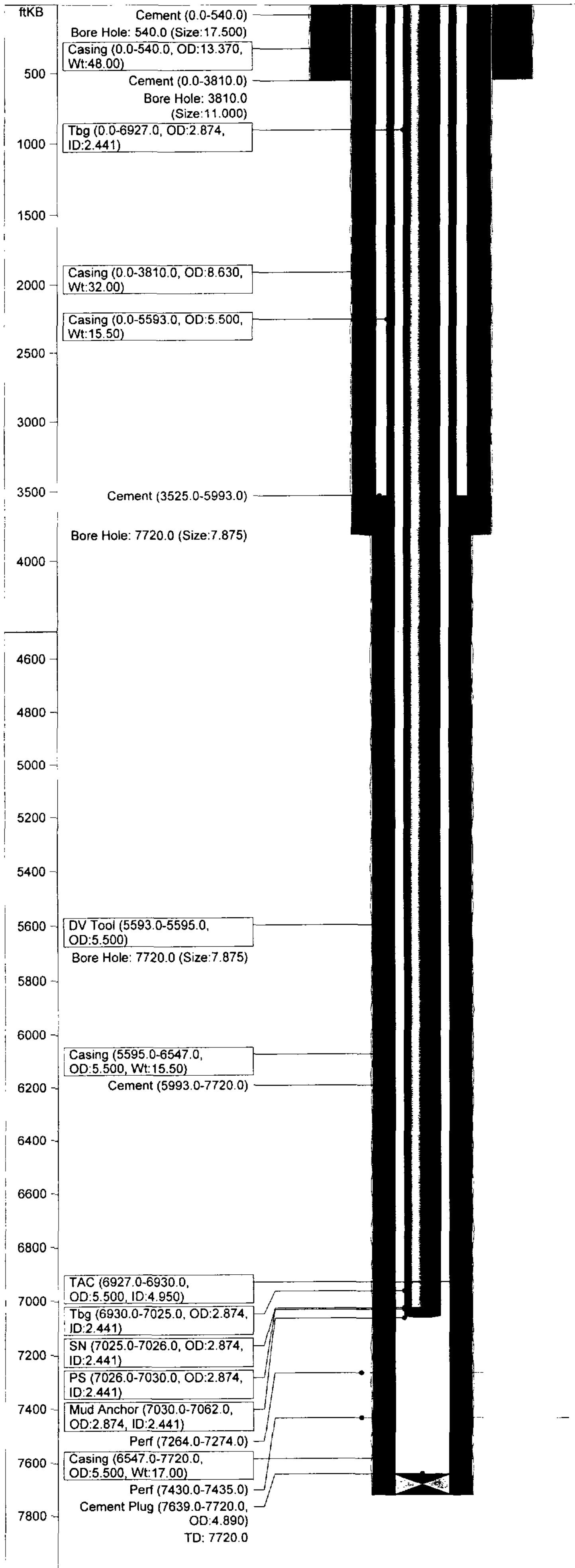
WELL COST $ 579,275 (to the depth of formation completed)

RECOMPLETION COST $ ______

TOTAL COST $ 579,275

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-579,275
1	27,900	829,200	76,900	708,900
2	23,300	698,500	74,100	543,700
3	15,000	372,000	48,600	255,700
4	11,200	252,700	39,200	153,400
5	8,900	192,800	34,500	103,300
6	7,400	160,500	32,000	76,200
7	6,300	134,100	29,800	56,200
8	5,500	116,300	28,400	43,000
9	4,900	103,300	27,500	33,800
10	4,400	93,000	26,500	26,900
REMAINDER	53,000	1,128,700	592,400	117,400
TOTAL	167,800	4,081,100	1,009,900	1,539,225

WELL IS COMMERCIAL



JAMES RANCH UNIT #67

API No.	3001531004	Comments	
TD	7720.0 ftKB	Status	ACT OIL
PBTD	7720.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	67	Spud	3/28/2000
ID Code	C%QGDLV8.067	RR	4/12/2000
Field	QUAHADA RIDGE, SE (DELAWARE)	Completion	4/14/2000
Author	CDP	Last Act.	
Date Updated	6/12/2000	Abandoned	

Location

Township	22S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	0.0 ft
		Top EW Distance	0.0 ft
Section	36	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3312.8 ft	Cas Flng	0.0 ft
Grd	3299.7 ft	Tub Head	0.0 ft
KB-Grd	13.1 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	3/28/2000	0.0	540.0	12	13.370	12.720	48.00	WC40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	4/12/2000	0.0	3810.0	57	8.630	7.920	32.00	J55	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	4/12/2000	0.0	5593.0	145	5.500	4.950	15.50	J55	LTC
DV Tool	4/12/2000	5593.0	5595.0		5.500	4.950	0.00		
Casing	4/12/2000	5595.0	6547.0	13	5.500	4.950	15.50	J55	LTC
Casing	4/12/2000	6547.0	7720.0	29	5.500	4.890	17.00	K55	LTC

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	3/28/2000	0.0	540.0	375	CIRC
Intermediate Casing	4/5/2000	0.0	3810.0	700	Circ 125 sx
Production Casing	4/12/2000	3525.0	5993.0	100	TOC Temp Surv
Production Casing	4/12/2000	5993.0	7720.0	285	

Tubing String - Tubing

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	5/4/2000	0.0	6927.0	218	2.874	2.441	6.40	J55	
TAC	5/4/2000	6927.0	6930.0		5.500	4.950	0.00		
Tbg	5/4/2000	6930.0	7025.0	3	2.874	2.441	6.40	J55	
SN	5/4/2000	7025.0	7026.0		2.874	2.441	0.00		
PS	5/4/2000	7026.0	7030.0		2.874	2.441	0.00		
Mud Anchor	5/4/2000	7030.0	7062.0	1	2.874	2.441	6.40	J55	

Other (plugs, equip., etc.) - Plug Back

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
	Cement Plug	7639.0	7720.0	4.890	0.000

Perforations

Date	Int	Holes	Status
4/26/2000	7430.0 - 7435.0	4.0	OPEN
4/28/2000	7264.0 - 7274.0	4.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
4/27/2000	Fracture	7430.0 - 7435.0	46,116 Gal Viking 30	145,963# 16/30 Brady, 37,090 16/30 CR4000
5/3/2000	Fracture	7264.0 - 7274.0	28,056 Gal Viking 30	7240# 16/30 Brady
5/4/2000	Fracture	7264.0 - 7274.0	49,222 Gal Viking 30	184,565# 16/30 Brady, 47,604# CR4000

WELL HISTORY

WELL NAME: James Ranch Unit #67

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 1980' FNL & 990' FEL, Sec 36, T22S, R30E,
Eddy County, New Mexico

ELEV: 3301.0' GL

SPUD DATE: 3/28/2000, RR 4/12/2000

COMP DATE: 4/26/2000

ORIG TD: 7720'

ORIG PBTD: 7639'

CASING: 13 3/8' 48# H-40 & WC40 CSA 540' w/475 sx, cmt circ, 17 ½" hole.
8 5/8" 32#, WC50, J55, CF50, & HCK55, CSA 3810' w/950 sx, cmt circ, 11' hole.
5 ½ 15.5 & 17#, J-55, CSA 7720' w/615 sx, TOC 3525'(TS).

TUBING: 2 7/8", 6.5# J-55, 8 RD

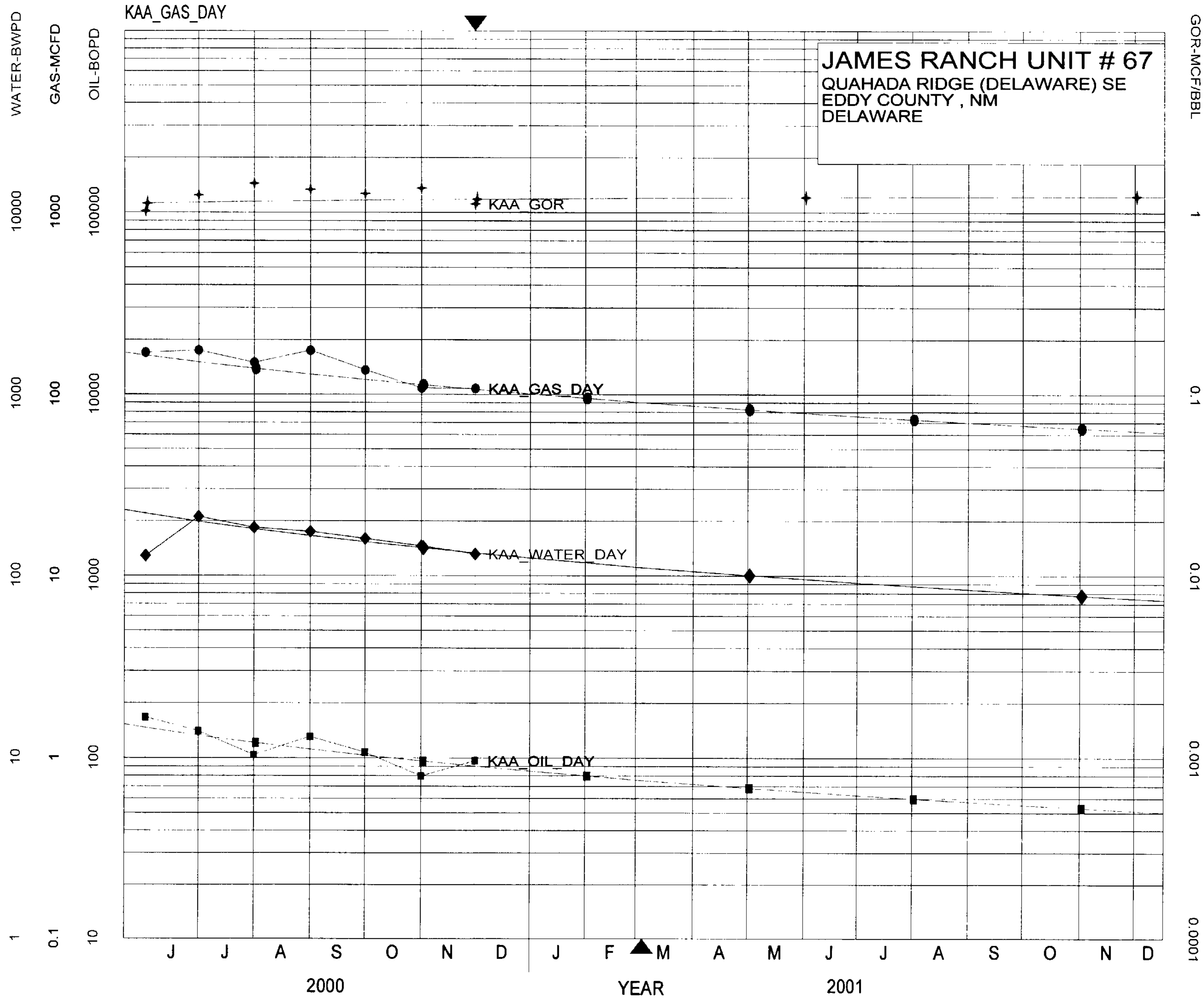
DST: None

CORES & LOGS: GR-CN-LDT-AIT

INITIAL COMPLETION

3/28/00 TO 4/12/00 **INITIAL COMPLETION**
TD 7720', PBTD 7639'.Ran logs.

4/24/00 TO 5/26/00
Perf: 7430-7435', total 20 holes. Breakdown fm @ 2650 psi. **Pumped** 122 bbls Viking 30, **frac** w/ 46,116 gal Viking 30 + 145,963# 16/30 Brady + 37,090# 16/30 CR-4000. Open to pit 60 min ½ bpm. Clean out, RIH Set RBP @ 7395'. **Perf: 7264-7274''**, total 40 holes RIH w/ tbg, EOT 7301' . **Frac** w/ 28,056 Gal Viking 30 + 7240# 16/30 Brady, Lost 2 pmp trucks, Re-**Frac** w/ 49,222 Gal Viking 30 + 184,565# 16/30 Brady + 47,604# 16/30 CR4000. POH w/ RBP, RIH w/ Tbg. EOT @ 7062'. Place on Pmp. 5/17/00 24 hr tst 251 BO 276 BW 261 MCF.



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Cum= 0
Rem= 0
EUR= 0
Yrs= 34.085
Qref= 1.2
De= 0.000000
b= 0.000000
Qab= 0.0

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-015-31004

5. Indicate Type Of Lease: STATE [X] FEE [ ]

6. State Oil & Gas Lease No. 001786

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR [ ] OTHER

7. Lease Name or Unit Agreement Name: James Ranch Unit

2. Name of Operator: Bass Enterprises Production Co.

8. Well No. 67

3. Address of Operator: P.O. Box 2760 Midland, TX 79702-2760

9. Pool name or Wildcat: Quahada Ridge (Delaware); Southeast

4. Well Location
Unit Letter L : 1874' Feet From The South Line and 1096' Feet From The West Line

Section 36 Township 22S Range 30E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl.(Ready to Prod.)	13. Elevations(DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
3/28/00	4/12/00	5/8/00	3299.7' GL	- - -

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7720'	7639'	Single		X	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 7264-74', 7430-35' (Delaware)

20. Was Directional Survey Made: Yes

21. Type Electric and Other Logs Run: LD-CN-GR; AI-GR

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	540'	17-1/2"	475 sx; Class C	N/A
8-5/8"	32#	3810'	11"	950 sx; Poz C, Class C	N/A
5-1/2"	15.5#, 17#	7720'	7-7/8"	615 sx; Super C, Poz C	N/A

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7062'	- - -

26. Perforation record (interval, size, and number)
7430-35' (5', 20 holes)
7264-74' (10', 40 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7430-35'	46,116 g V-30+145,963# 16/30 BS+ 37,090# CR-4000
7264-74'	49,222 g V-30+184,565# 16/30 BS+ 47,604 # CR-4000

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
5/9/00	Pumping 2-1-2" x 1-3/4" x 25'	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/23/00	24	15/64		250	250	227	1000

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
150	360		250	250	227	

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sales, Lease Use

Test Witnessed By

30. List Attachments: Logs, Inclination Survey, C-102, C-104

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Tami Wilber Printed Name Tami Wilber Title Production Clerk Date 6/14/00

ICT I
French Dr., Hobbs, NM 88240
RICT II
South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31004	50443	Quahada Ridge (Delaware); Southeast

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	67

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3299'

Surface Location

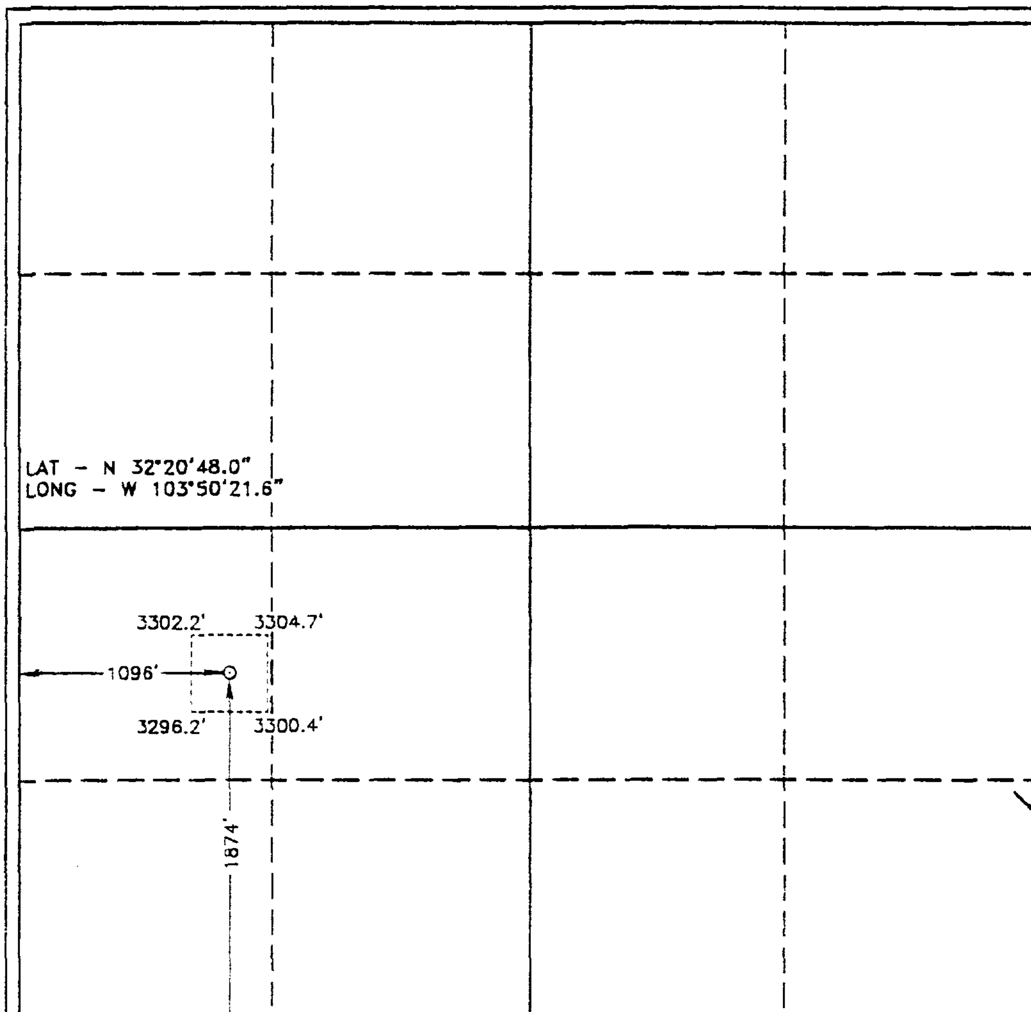
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	22 S	30 E		1874	SOUTH	1096	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

Tami Wilber
Printed Name

Production Clerk
Title

6/14/00
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

January 06, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 0008A

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

JAMES RANCH UNIT 67 QUAHADA

Date:	01/18/2001
Time:	
DBS:	INDWELLS
Settings:	SETDATA
Scenario:	cd

	I N P U T	D A T A						I N I T I A L	C A L C U L A T E D	D A T A		
ITEM NAME	Scheduling Rates			Schedule Until		Procedure		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	05/2000 5174 4213 3218 4053 3222 2473 2900 #							50.506	11/2000			
401 GAS	05/2000 5269 5238 4641 5413 4087 3358 3234 #							62.480	11/2000			
402 WTR	05/2000 3995 6329 5699 5419 4792 4518 3947 #							34.699	11/2000			
403 START	12/2000											
404 OIL	2736.37	X	B/M	12/2018	AD	B/1.010	43.23	141.751	11/2018	53.4	2736.	189.
405 "	188.81	60.00	B/M	X	IMU	EXP	5.00	171.934	4/2041	5.0	189.	60.
406 START	12/2000											
407 GAS	3232.59	60.00	M/M	X	IMU	B/1.010	40.99	257.739	3/2079	50.1	3233.	60.
408 START	12/2000											
409 WTR	4045.37	X	B/M	275.10	IMU	B/1.010	43.81	275.103	4/2041	54.2	4045.	53.
410 START	05/2000											
511 PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		4/2041		16.880	
512 "	18.39	X	$/B	1/96	AD	PC	0.00		4/2041		18.390	
513 "	22.26	X	$/B	1/97	AD	PC	0.00		4/2041		22.260	
514 "	20.74	X	$/B	1/98	AD	PC	0.00		4/2041		20.740	
515 "	14.43	X	$/B	1/99	AD	PC	0.00		4/2000		14.430	
516 "	19.25	X	$/B	1/2000	AD	PC	0.00		4/2000		19.250	
517 "	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518 "	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519 "	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520 "	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521 "	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522 "	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523 "	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524 "	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526 PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		4/2041		1.890	
527 "	1.94	X	$/M	1/96	AD	PC	0.00		4/2041		1.940	
528 "	2.61	X	$/M	1/97	AD	PC	0.00		4/2000		2.610	
529 "	2.59	X	$/M	1/98	AD	PC	0.00		4/2000		2.590	
530 "	2.11	X	$/M	1/99	AD	PC	0.00		4/2000		2.110	
531 "	2.27	X	$/M	1/2000	AD	PC	0.00		4/2000		2.270	
532 "	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533 "	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534 "	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535 "	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536 "	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537 "	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539 PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24004.000
541 PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24004.000
600 OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		4/2041		1600.000	1600.000

```
601 OPC/WTR      0.08      0.08 $/U       TO      LIFE      PC         0.00               4/2000                 0.080       0.080

602 STX/OIL      7.08      X    %         TO      LIFE      PC         0.00               4/2041                 0.071       0.071
603 STX/GAS      7.93      X    %         TO      LIFE      PC         0.00               4/2041                 0.079       0.079

604 ATX          0.17      X    %         TO      LIFE      PC         0.00               4/2041                 0.002       0.002

604 STX/OIL      0.00      X    %         TO      LIFE      PC         0.00               4/2041                             0.071
605 STX/GAS      0.00      X    %         TO      LIFE      PC         0.00               4/2041                             0.079

606 ATX          0.00      X    %         TO      LIFE      PC         0.00               4/2041                             0.002

705 LSE/WI   100.0000      D    %         TO      LIFE      FLAT       0.00               4/2041                 1.000       1.000

720 NET/OIL   87.5000      D    %         TO      LIFE      FLAT       0.00               4/2041                 0.875       0.875
740 NET/GAS   87.5000      D    %         TO      LIFE      FLAT       0.00               4/2041                 0.875       0.875

780 LSE/NPI    0.0000      D    %         TO      LIFE      FLAT       0.00               4/2041

OVERLAYS      Scheduling Rates         Schdule Until    Procedure         Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------    -----------------------  -------------    ---------------   ---------- ------- ---------  ----------  ----------
900 OIL     05/2000 5174 4213 3218 4053 3222 2473 2900 #                      50.506 11/2000

901 GAS     05/2000 5269 5238 4641 5413 4087 3358 3234 #                      62.480 11/2000

902 WTR     05/2000 3995 6329 5699 5419 4792 4518 3947 #                      34.699 11/2000

INVESTMENT    Tangibles & Intangibles    Time             Procedure         Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------    -----------------------    -------------    ---------------   ---------- ------- ---------  ----------  ----------
800 DRILL       145.63    433.64 M$G     05/2000 AD        PC         0.00    579.275  5/2000        0       579.2       579.2
801 SALV        -33.00      0.00 M$G     TO      LIFE      PC         0.00    -33.000  4/2041        0       -33.0       -33.0

MISC. PARAMETERS           Item                        Item
----------------------     ------------------          ------------------    --------------  ---------------  ---------------
201 CUMO, MB     25.25     CUMG, MMF    31.24          CUML, MB
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :   Prod = CD              Price = CD              Cost   = CD           Owner   = CD
               Title = DEFAULT         Misc  = CD              Invest = CD           Overlay = CD
NET/WTR            WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 67 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	36.2 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	579.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.3	-33.0	546.3
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	546.3	546.3
OIL PHASE													
8) GROSS OIL, MB	27.9	23.3	15.0	11.2	8.9	7.4	6.3	5.5	4.9	4.4	114.7	53.0	167.7
9) NET OIL, MB	24.4	20.4	13.2	9.8	7.8	6.4	5.5	4.8	4.3	3.8	100.4	46.3	146.7
10) OIL REVENUE, M$	716.4	508.9	291.4	204.4	156.9	131.1	109.1	94.4	83.8	75.4	2371.7	907.8	3279.5
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.78	19.59	19.59	19.59	23.63	19.59	22.35
GAS PHASE													
12) GROSS GAS, MMF	34.4	28.2	18.7	14.0	11.2	9.3	8.0	7.0	6.2	5.6	142.6	70.7	213.3
13) NET GAS, MMF	30.1	24.7	16.3	12.2	9.8	8.2	7.0	6.1	5.5	4.9	124.8	61.9	186.6
14) GAS REVENUE, M$	112.8	189.6	80.6	48.3	35.9	29.4	25.0	21.9	19.5	17.6	580.7	220.9	801.6
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.605	3.570	3.570	3.570	3.570	4.654	3.570	4.295
ECONOMICS, M$													
19) GROSS REV. TO INTR.	829.2	698.5	372.0	252.7	192.8	160.5	134.1	116.3	103.3	93.0	2952.4	1128.7	4081.1
20) - SEV. TAX	59.7	51.1	27.0	18.3	14.0	11.6	9.7	8.4	7.5	6.7	214.0	81.8	295.8
21) - AD VALOREM TAX	1.3	1.1	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	4.7	1.8	6.4
22) - OPERATING COSTS	15.9	21.9	21.0	20.5	20.2	20.1	19.9	19.8	19.8	19.7	198.8	508.8	707.6
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	752.4	624.4	323.5	213.5	158.3	128.6	104.2	87.8	75.9	66.4	2535.0	536.3	3071.3
29) - INVESTMENTS & RSK	579.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.3	-33.0	546.3
30) = BFIT NET	173.1	624.4	323.5	213.5	158.3	128.6	104.2	87.8	75.9	66.4	1955.7	569.3	2525.1
PRESENT WORTH @ 10.00 %													
31) NET INCOME	708.9	543.7	255.7	153.4	103.3	76.2	56.2	43.0	33.8	26.9	2001.2	117.4	2118.6
32) INVESTMENTS & RISK	561.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	561.2	-1.1	560.1
33) BFIT NET	147.8	543.7	255.7	153.4	103.3	76.2	56.2	43.0	33.8	26.9	1440.1	118.4	1558.5
34) CUM BFIT NET	147.8	691.5	947.2	1100.6	1203.9	1280.1	1336.4	1379.4	1413.2	1440.1	1440.1	1558.5	1558.5

JAMES RANCH UNIT 67 QUAHADA

DATE : 01/18/2001
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A F T E R T A X E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	36.2 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	433.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433.6	0.0	433.6
3) DEPRECIABLE	145.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145.6	-33.0	112.6
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	829.2	698.5	372.0	252.7	192.8	160.5	134.1	116.3	103.3	93.0	2952.4	1128.7	4081.1
5) - SEVERANCE TAX	59.7	51.1	27.0	18.3	14.0	11.6	9.7	8.4	7.5	6.7	214.0	81.8	295.8
6) - OPR. COSTS & ATX	17.2	23.0	21.5	20.9	20.5	20.3	20.1	20.0	19.9	19.9	203.5	510.5	714.0
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	43.7	30.6	21.4	15.0	10.5	7.3	5.1	3.6	2.5	1.8	141.5	4.1	145.6
12) = NET	708.7	593.8	302.0	198.5	147.8	121.3	99.1	84.2	73.4	64.6	2393.5	532.2	2925.7
13) - DEPLETION TAKEN	72.2	60.2	38.9	28.8	22.9	19.0	16.3	14.2	12.6	11.4	296.7	137.0	433.6
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	636.5	533.6	263.1	169.7	124.9	102.2	82.8	70.0	60.7	53.2	2096.8	395.3	2492.1
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	216.4	181.4	89.5	57.7	42.5	34.8	28.2	23.8	20.7	18.1	712.9	134.4	847.3
19) REVENUE-SEV	769.6	647.4	345.0	234.4	178.9	148.9	124.4	107.9	95.8	86.2	2738.5	1046.9	3785.4
20) - OPR. COSTS & ATX	17.2	23.0	21.5	20.9	20.5	20.3	20.1	20.0	19.9	19.9	203.5	510.5	714.0
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	216.4	181.4	89.5	57.7	42.5	34.8	28.2	23.8	20.7	18.1	712.9	134.4	847.3
24) = A.F.I.T.	536.0	443.0	234.0	155.8	115.9	93.8	76.1	64.0	55.3	48.3	1822.1	401.9	2224.0
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	536.0	443.0	234.0	155.8	115.9	93.8	76.1	64.0	55.3	48.3	1822.1	401.9	2224.0
28) - INVESTMENTS & RSK	579.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.3	-33.0	546.3
29) = A.F.I.T. NET	-43.3	443.0	234.0	155.8	115.9	93.8	76.1	64.0	55.3	48.3	1242.8	434.9	1677.8
PRESENT WORTH @ 10.00 %													
30) NET INCOME	511.0	384.0	184.4	111.6	75.5	55.6	40.9	31.3	24.6	19.5	1438.4	86.3	1524.6
31) INVESTMENTS & RISK	561.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	561.2	-1.1	560.1
32) A.F.I.T. NET	-50.1	384.0	184.4	111.6	75.5	55.6	40.9	31.3	24.6	19.5	877.2	87.3	964.5
33) CUM. A.F.I.T. NET	-50.1	333.8	518.2	629.8	705.3	760.8	801.8	833.1	857.7	877.2	877.2	964.5	964.5

JAMES RANCH UNIT 67 QUAHADA

DATE : 01/18/2001
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E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	2525.065	1677.763	2542.065
5.	1907.881	1217.551	1608.598
10.	1558.508	964.541	1199.092
15.	1327.686	800.124	960.824
20.	1160.304	682.235	800.762
25.	1031.539	592.379	683.935
30.	928.443	521.031	594.026
35.	843.504	462.703	522.258
40.	772.005	413.968	463.420
50.	657.717	336.866	372.312
60.	569.933	278.433	304.798
70.	500.121	232.546	252.667
80.	443.153	195.547	211.186
90.	395.727	165.095	177.409
100.	355.608	139.614	149.395
RATE OF RETURN, PCT.	100.0	100.0	
UNDISCOUNTED PAYOUT, YRS.	0.77	1.10	
DISCOUNTED PAYOUT, YRS.	0.79	1.13	
UNDISCOUNTED NET/INVEST.	5.62	4.07	
DISCOUNTED NET/INVEST.	3.78	2.72	

NOTES

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #82 FORMATION DELAWARE

LOCATION P UNIT, 1200 FEET FROM SOUTH LINE & 760 FEET FROM EAST LINE

SECTION 1 TOWNSHIP 23S , RANGE 30E , COUNTY EDDY , NEW MEXICO

SPUD DATE 7/16/00 COMPLETION DATE 9/16/00 INITIAL PRODUCTION 8/14/00

PERFORATIONS 7322-28', 7464-68', 7608-12'

STIMULATION:

ACID

FRACTURE 7464-7612', Frac w/ 90,328 gal Viking 30, 234,000# 16/30 Brady Sand, 70,000# CR-4000.

7322-28", Frac w/ 42,300 gal Viking 30, 138,900# 16/30 Brady Sand, 40,200# CR-4000.

POTENTIAL 11/16/00 Pmpd 115 BO, 77 MCF, 246 BW

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	40			
Porosity (por), %	15.0%			
Water saturation (Sw), %	59%			
Net Thickness (h), ft.	44			
Temperature (T), Fahrenheit	120			
Bottom Hole pressure (P), psia	3,211			
Recovery factor (RF), %	15%			
Recoverable oil, Bbls *(See eq. below)	83,973			

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)

Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 11/30/00 ; 7,624 BBLS

	PRODUCING
INITIAL RATE (qi)	3,147
ECONOMIC LIMIT (ql)	90
DECLINE RATE, dy (Hyperbolic, n=1.01)	68.33%
REMAINING OIL (Q) =	62,676
ULTIMATE RECOVERABLE OIL	70,300

(Attach plat showing proration unit and participating area.)

ECONOMIC

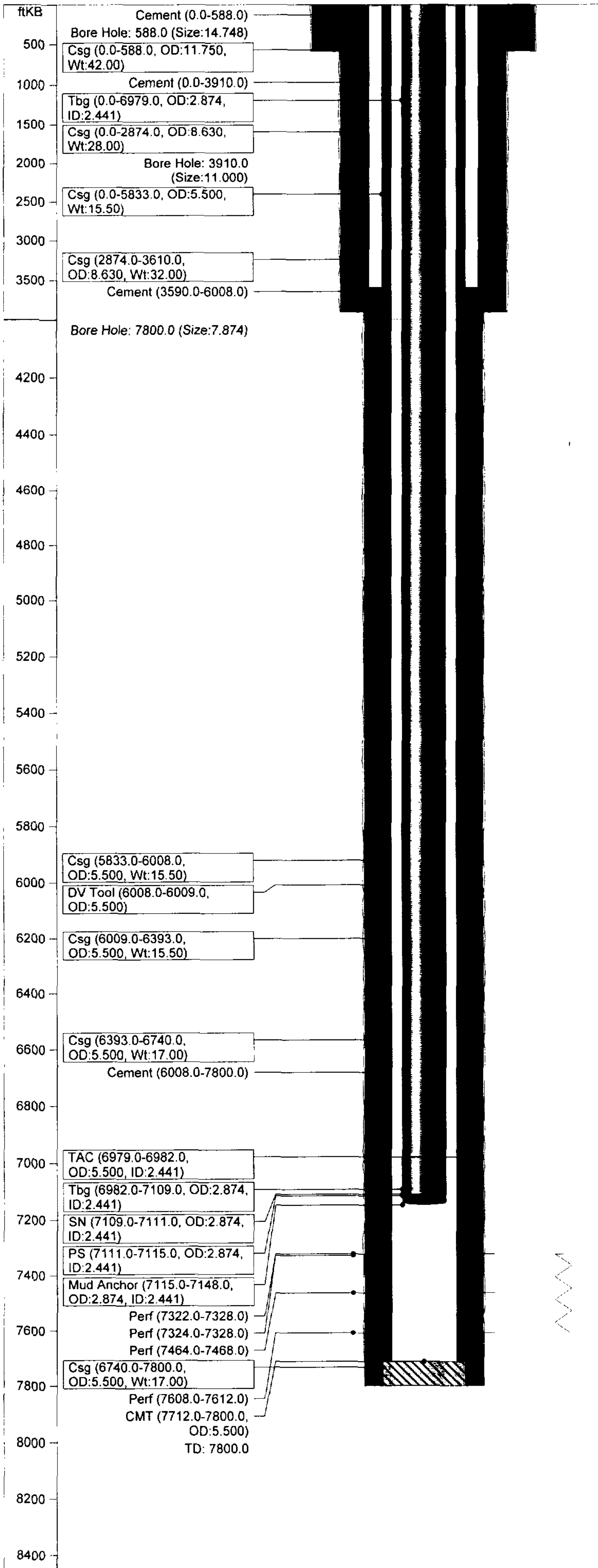
WELL COST $ 553,698 (to the depth of formation completed)

RECOMPLETION COST $ ____________

TOTAL COST $ 553,698

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax and Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-553,698
1	10,500	295,600	31,600	244,000
2	18,200	503,100	59,800	387,700
3	8,700	200,800	35,900	130,600
4	5,800	123,100	29,600	67,200
5	4,400	88,600	26,700	40,400
6	3,500	71,100	25,200	27,200
7	2,900	57,800	24,200	18,200
8	2,500	49,200	23,400	12,600
9	2,200	43,000	22,900	9,000
10	2,000	38,200	22,600	6,400
REMAINDER	9,600	186,100	147,300	12,400
TOTAL	70,300	1,656,600	449,200	402,002

WELL IS COMMERCIAL



JAMES RANCH UNIT #82

API No.	3001531208	Comments	
TD	7800.0 ftKB	Status	ACT OIL
PBTD	7800.0 ftKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	82	Spud	7/17/2000
ID Code		RR	8/1/2000
Field	LOS MEDANOS	Completion	8/7/2000
Author	CDP	Last Act.	
Date Updated	11/16/2000	Abandoned	

Location

Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	1200.0 ft S
		Top EW Distance	760.0 ft E
Section	1	Bottom Latitude	0
Unit Ltr.		Bottom Longitude	0
State	EDDY	Btm NS Distance	0.0 ft
County	NEW MEXICO	Btm EW Distance	0.0 ft

Elevations

KB	3305.0 ft	Cas Flng	0.0 ft
Grd	3291.0 ft	Tub Head	0.0 ft
KB-Grd	14.0 ft		

Casing String - Surface Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/18/2000	0.0	588.0	14	11.750	11.080	42.00	H40	STC

Casing String - Intermediate Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/23/2000	0.0	2874.0	67	8.630	8.020	28.00	J55	LTC
Csg	7/23/2000	2874.0	3610.0	17	8.630	7.920	32.00	J55	STC
Csg	7/23/2000	3610.0	3910.0	7	8.630	7.920	32.00	WC50	LTC

Casing String - Production Casing

Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	7/31/2000	0.0	5833.0	137	5.500	4.950	15.50	J55	LTC
Csg	7/31/2000	5833.0	6008.0	3	5.500	4.950	15.50	K55	LTC
DV Tool	7/31/2000	6008.0	6009.0		5.500	4.950	0.00		
Csg	7/31/2000	6009.0	6393.0	9	5.500	4.950	15.50	K55	LTC
Csg	7/31/2000	6393.0	6740.0	8	5.500	4.890	17.00	L80	LTC
Csg	7/31/2000	6740.0	7800.0	25	5.500	4.890	17.00	L80	LTC/SE

Casing Cement

Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	7/18/2000	0.0	588.0	335	Circ
Intermediate Casing	7/23/2000	0.0	3910.0	770	Circ
Production Casing	7/31/2000	3590.0	6008.0	310	TOC TS
Production Casing	7/31/2000	6008.0	7800.0	330	

Tubing String - TUBING

Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	8/9/2000	0.0	6979.0	220	2.874	2.441	6.50	J55	EUE
TAC	8/9/2000	6979.0	6982.0		5.500	2.441	6.50		
Tbg	8/9/2000	6982.0	7109.0	4	2.874	2.441	6.50	J55	EUE
SN	8/9/2000	7109.0	7111.0		2.874	2.441	6.50		
PS	8/9/2000	7111.0	7115.0		2.874	2.441	6.50		
Mud Anchor	8/9/2000	7115.0	7148.0	1	2.874	2.441	6.50	J55	EUE

Other (plugs, equip., etc.) - PLUG BACK

Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
8/1/2000	CMT	7712.0	7800.0	5.500	0.000

Perforations

Date	Int	Holes	Status
8/4/2000	7324.0 - 7328.0	16.0	OPEN
8/4/2000	7464.0 - 7468.0	16.0	OPEN
8/4/2000	7608.0 - 7612.0	16.0	OPEN
9/13/2000	7322.0 - 7328.0	14.0	OPEN

Stimulations & Treatments

Date	Type	Int	Fluid	Sand
8/7/2000	Sand Frac	7324.0 - 7612.0	90,328 Gals Viking 3000	234,000# 16/30 Brady 70,000# CR4000
9/14/2000	Sand Frac	7322.0 - 7328.0	42,300 Gal Viking 30	138,900# 16/30 Brady 40,200# RBS

WELL HISTORY

WELL NAME: James Ranch Unit #82

FIELD NAME: Quahada Ridge, S.E.

LOCATION: 1200' FNL & 760' FEL, Sec 1, T23S, R30E, Eddy County, New Mexico

ELEV: 3291.7' GL, 3304.8' KB

SPUD DATE: 7/17/2000, RR 7/31/2000

COMP DATE: 8/12/2000

ORIG TD: 7802'

ORIG PBTD: 7712'

CASING: 11 ¾" 42# WC40, H40 CSA 588' w/335 sx, cmt circ, 14 ¾" hole.
8 5/8" 28 & 32#,J55,& WC50, CSA 3910' w/1020 sx, cmt circ, 11' hole.
5 ½: 15.5# & 17# K55 & L80 CSA 7800' DV tool @ 6008', cmt w/ 310 sx 1st stage, 330 sxs 2nd stage. TOC ts 3590'.

TUBING: 2 7/8", 6.5# J-55, 8 RD

DST: None

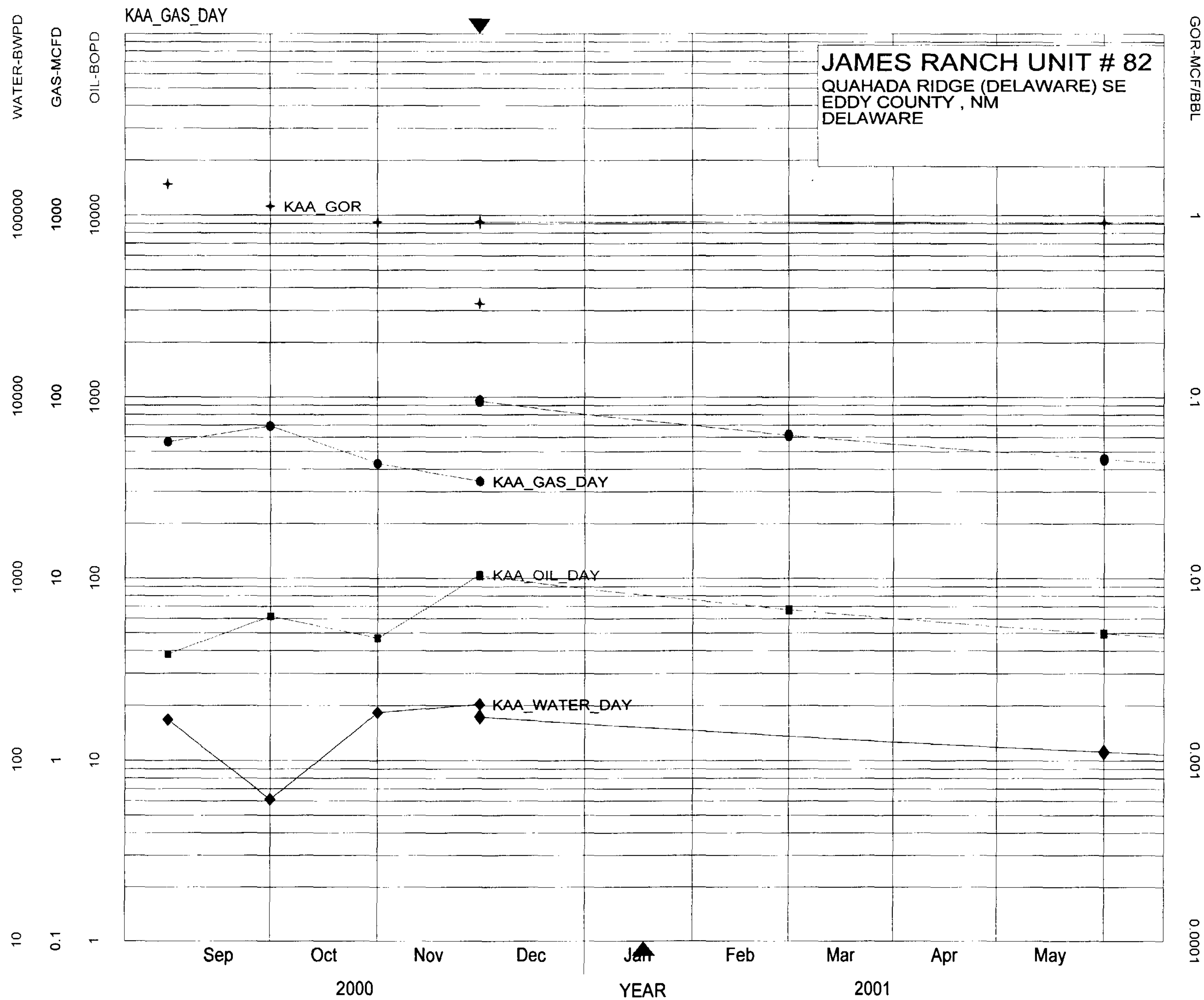
CORES & LOGS: GR-CN-LDT-AIT(PLATFORM EXPRESS)

INITIAL COMPLETION

7/17/00-7/30/2000 **INITIAL COMPLETION**
TD 7802', PBTD 7712'.Ran logs.

8/3/00 TO 9/7/00
Perf:7608-12'(LBC) 7464-68'(LBC) 7324-28 (U-Sand), 2 SPF. **Frac 7324-7612'**, 90,328 Gals Viking 3000 234,000# 16/30 Brady, 70,000# CR4000. Run tbg, place on test. 8-14/2000 Pmp 74 BO 275 BW 85 MCF.

9/8/00 to 11/15/00
Set RBP @ 7432', **re-perf "U" sand @ 7322-28'** (6' 12 shots). Pmp 500 gal 15% HCL. **Frac** w/ 42,300 gal Viking 30, 138,900# 16/30 Brady 40,200# CR4000. ISIP 1109, screen out w/ 20,000# CR4000 in csg. Clean out, Run Tbg, Test "U" sd, 10/17/00 53 BO 225 BW 48 MCF. POH w/ RBP, RIH w/ tbg Test **7322-7612'** 11-15-00, 113 BO 216 BW 65 MCF.



KAA_OIL_DAY	
Qual=	CD
Ref=	12/2000
Cum=	7624
Rem=	62738
EUR=	70362
Yrs=	15.900
Qref=	103.5
De=	68.338635
b=	1.010000
Qab=	3.0

KAA_GAS_DAY	
Qual=	CD
Ref=	12/2000
Cum=	6181
Rem=	56567
EUR=	62748
Yrs=	15.833
Qref=	95.1
De=	0.000000
b=	0.000000
Qab=	0.0

KAA_WATER_DAY	
Qual=	CD
Ref=	12/2000
Cum=	18788
Rem=	272827
EUR=	291615
Yrs=	99.918
Qref=	173.3
De=	52.528756
b=	1.010000
Qab=	1.6

KAA_GOR	
Qual=	CD
Ref=	12/2000
Cum=	0
Rem=	0
EUR=	0
Yrs=	24.413
Qref=	0.9
De=	1.133212
b=	0.000000
Qab=	0.7

DISTRICT I
N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-31208	50443	Quahada Ridge (Delaware) SE

Property Code	Property Name	Well Number
001786	JAMES RANCH UNIT	82

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3291'

Surface Location

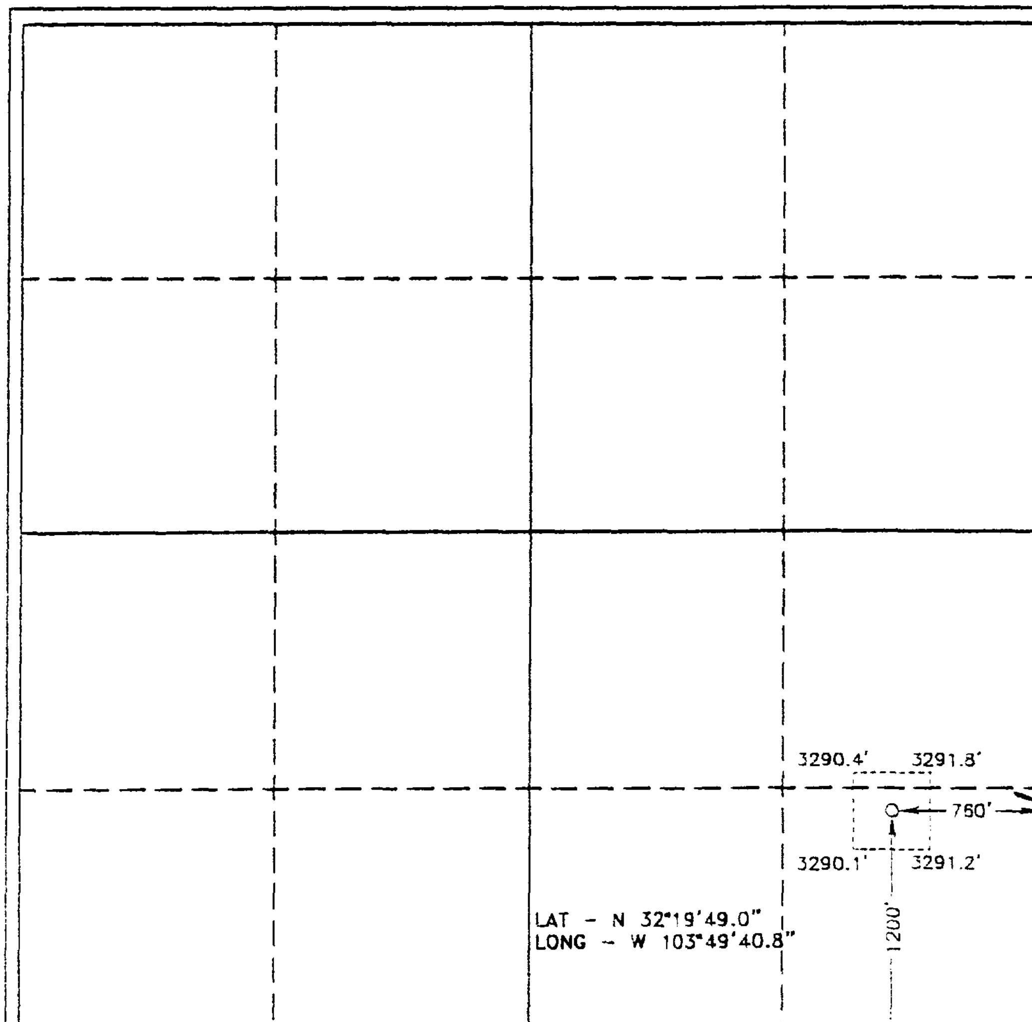
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	1	23 S	30 E		1200	SOUTH	760	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

11/21/00
Date

SURVEYOR CERTIFICATION

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 supervison and that the same is true and correct to the best of my belief.

March 5, 2000
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
PROFESSIONAL

W.O. No. 0114E

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02884-B

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr.,
Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. James Ranch Unit

2. Name of Operator
Bass Enterprises Production Co.

8. Lease Name and Well No. James Ranch Unit # 82

3. Address
P.O. Box 2760 Midland, TX 79702-2760

3a. Phone No. (include area code) (915) 683-2277

9. API Well No. 30-015-31208

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1200' FSL & 760' FEL, Unit Letter P

At top prod. interval reported below Same

At total depth Same

10. Field and Pool, or Exploratory Quahada Ridge (Delaware) SE

11. Sec., T., R., M., or Block and Survey or Area Section 1, T23S-R30E

12. County or Parish Eddy

13. State New Mexico

14. Date Spudded 7/16/00

15. Date T.D. Reached 7/31/00

16. Date Completed [ ] D & A [X] Ready to Prod. 9/16/00

17. Elevations (DF, RKB, RT, GL)* 3291.7'GL; 3303.5'RF; 3304.8'KB

18. Total Depth: MD 7800' TVD

19. Plug Back T.D.: MD 7715' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#	0	588'	- - -	335 Class C	- - -	Surface	- - -
11"	8-5/8"	28#.	0	3910'	- - -	1020 Class C	- - -	Surface	- - -
7-7/8"	5-1/2"	15.5#.1	0	7800'	- - -	640 Poz C	- - -	3590' (TS)	- - -

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7148'	7111' SN						

25. Producing Intervals

	Formation	Top	Bottom
A)	Delaware	7281'	7654'
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
7322-7612'	0.4	28	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7322-7612'	Frac w/ 90,328 gals Viking-3000 + 234,000# 16/30 Brady + 70,000# CR-4000
7322-28'	Frac w/ 42,300 gals Viking-3000 + 138,900# 16/30 Brady + 40,200# CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
8/14/00	11/16/00	24		115	77	246	40.9		Pumping
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
14/64"	150	120		115	77	246	669	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

JAMES RANCH UNIT 82 QUAHADA

Date: 01/18/2001
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

ITEM NAME		Scheduling Rates			Schedule Until		Procedure		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
		INPUT DATA							INITIAL CALCULATED DATA				
400	OIL	08/2000 1183 1851 1450 3140 #							7.624	11/2000			
401	GAS	08/2000 1751 2074 1330 1026 #							6.181	11/2000			
402	WTR	08/2000 5179 1837 5680 6092 #							18.788	11/2000			
403	START	12/2000											
404	OIL	3147.47	60.00	B/M	X	IMU	B/1.010	68.34	70.209	4/2025	88.6	3147.	60.
405	START	12/2000											
406	GAS/OIL	0.92	0.69	M/B	TO	LIFE	LOG	TIME		4/2025			
407	START	12/2000											
408	WTR	5270.78	X	B/M	272.83	IMU	B/1.010	52.53	272.827	4/2025	67.0	5271.	49.
409	START	08/2000											
511	PRI/OIL	16.8800	X	$/B	1/95	MM/YY	PC	0.00		4/2025		16.880	
512	"	18.39	X	$/B	1/96	AD	PC	0.00		4/2025		18.390	
513	"	22.26	X	$/B	1/97	AD	PC	0.00		4/2025		22.260	
514	"	20.74	X	$/B	1/98	AD	PC	0.00		4/2025		20.740	
515	"	14.43	X	$/B	1/99	AD	PC	0.00		7/2000		14.430	
516	"	19.25	X	$/B	1/2000	AD	PC	0.00		7/2000		19.250	
517	"	30.25	X	$/B	1/2001	AD	PC	0.00		12/2000		30.250	30.250
518	"	25.89	X	$/B	1/2002	AD	PC	0.00		12/2001		25.890	25.890
519	"	23.04	X	$/B	1/2003	AD	PC	0.00		12/2002		23.040	23.040
520	"	21.86	X	$/B	01/2004	AD	PC	0.00		12/2003		21.860	21.860
521	"	21.13	X	$/B	01/2005	AD	PC	0.00		12/2004		21.130	21.130
522	"	20.80	X	$/B	06/2005	AD	PC	0.00		5/2005		20.800	20.800
523	"	21.60	X	$/B	03/2006	AD	PC	0.00		2/2006		21.600	21.600
524	"	20.50	20.50	$/B	TO	LIFE	PC	0.00		2/2006		20.500	20.500
526	PRI/GAS	1.8900	X	$/M	1/95	MM/YY	PC	0.00		4/2025		1.890	
527	"	1.94	X	$/M	1/96	AD	PC	0.00		4/2025		1.940	
528	"	2.61	X	$/M	1/97	AD	PC	0.00		7/2000		2.610	
529	"	2.59	X	$/M	1/98	AD	PC	0.00		7/2000		2.590	
530	"	2.11	X	$/M	1/99	AD	PC	0.00		7/2000		2.110	
531	"	2.27	X	$/M	1/2000	AD	PC	0.00		7/2000		2.270	
532	"	3.88	X	$/M	1/2001	AD	PC	0.00		12/2000		3.880	3.880
533	"	7.82	X	$/M	01/2002	AD	PC	0.00		12/2001		7.820	7.820
534	"	5.07	X	$/M	01/2003	AD	PC	0.00		12/2002		5.070	5.070
535	"	4.08	X	$/M	01/2004	AD	PC	0.00		12/2003		4.080	4.080
536	"	3.80	X	$/M	05/2005	AD	PC	0.00		4/2005		3.800	3.800
537	"	3.70	3.70	$/M	TO	LIFE	PC	0.00		4/2005		3.700	3.700
539	PRI/OIL	-0.9100	X	$/B	TO	LIFE	PC	0.00				-0.910	24007.000
541	PRI/GAS	-0.1300	X	$/M	TO	LIFE	PC	0.00		2/2006		-0.130	24007.000
600	OPC/T	1600.00	X	$/M	TO	LIFE	PC	0.00		4/2025		1600.000	1600.000
601	OPC/WTR	0.08	0.08	$/U	TO	LIFE	PC	0.00		7/2000		0.080	0.080

```
602 ATX         0.17    X   %        TO     LIFE     PC        0.00                  4/2025                     0.002       0.002

602 OPC/T       0.00    X   $/M      TO     LIFE     PC        0.00                  4/2025                              1600.000

603 STX/OIL     7.08    X   %        TO     LIFE     PC        0.00                  4/2025                     0.071       0.071

604 ATX         0.00    X   %        TO     LIFE     PC        0.00                  4/2025                                 0.002

604 STX/GAS     7.93    X   %        TO     LIFE     PC        0.00                  4/2025                     0.079       0.079

605 STX/OIL     0.00    X   %        TO     LIFE     PC        0.00                  4/2025                                 0.071
606 STX/GAS     0.00    X   %        TO     LIFE     PC        0.00                  4/2025                                 0.079

705 LSE/WI  100.0000    D   %        TO     LIFE     FLAT      0.00                  4/2025                     1.000       1.000

720 NET/OIL  86.5000    D   %        TO     LIFE     FLAT      0.00                  4/2025                     0.865       0.865
740 NET/GAS  86.5000    D   %        TO     LIFE     FLAT      0.00                  4/2025                     0.865       0.865

780 LSE/NPI   0.0000    D   %        TO     LIFE     FLAT      0.00                  4/2025

OVERLAYS     Scheduling Rates        Schdule Until    Procedure        Ultimate    Last   Eff. Decl  Init. Rate  Final Rate
----------   ----------------------- --------------   ---------------  ---------- ------- ---------  ----------  ----------
900 OIL    08/2000 1183 1851 1450 3140 #                                  7.624 11/2000

901 GAS    08/2000 1751 2074 1330 1026 #                                  6.181 11/2000

902 WTR    08/2000 5179 1837 5680 6092 #                                 18.788 11/2000

INVESTMENT   Tangibles & Intangibles   Time             Procedure        Total T&I   Month  Risk Inv.  Tot. T&I&R  Esc. T&I&R
----------   -----------------------   -------------    ---------------  ---------- ------- ---------  ----------  ----------
800 DRILL       84.26   469.44 M$G     08/2000 AD       PC        0.00     553.698  8/2000      0        553.6       553.6
801 SALV       -33.00     0.00 M$G     TO      LIFE     PC        0.00     -33.000  4/2025      0        -33.0       -33.0

MISC. PARAMETERS          Item                       Item
----------------------    ------------------         ------------------    ---------------  ---------------  ---------------
250 LOSS    NO

PROJECT RUN SETTINGS
--------------------
Base Date   : 01/2000  Time Frames :  12,48*12,612
P.W. Date   : 01/2000  Primary PW% :  10.0        Discount Freq.  :  MO
Report Date : 01/2000
Qualifiers  :   Prod = CD            Price = CD             Cost   = CD          Owner   = CD
               Title = DEFAULT       Misc  = CD             Invest = CD          Overlay = CD
NET/WTR           WI
```

&l1o4.45C &k2S (s16602T
JAMES RANCH UNIT 82 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	16.8 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500	86.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	553.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	553.7	-33.0	520.7
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	520.7	520.7
OIL PHASE													
8) GROSS OIL, MB	10.5	18.2	8.7	5.8	4.4	3.5	2.9	2.5	2.2	2.0	60.7	9.6	70.3
9) NET OIL, MB	9.1	15.7	7.6	5.0	3.8	3.0	2.5	2.2	1.9	1.7	52.5	8.3	60.8
10) OIL REVENUE, M$	266.9	392.7	167.2	105.4	76.4	61.6	50.1	42.6	37.3	33.2	1233.3	162.5	1395.7
11) OIL PRICE, $/B	29.34	24.98	22.13	20.95	20.22	20.34	19.79	19.59	19.59	19.59	23.49	19.59	22.95
GAS PHASE													
12) GROSS GAS, MMF	8.8	16.6	7.9	5.2	3.9	3.1	2.5	2.1	1.9	1.6	53.6	7.7	61.2
13) NET GAS, MMF	7.6	14.4	6.8	4.5	3.3	2.6	2.2	1.9	1.6	1.4	46.3	6.6	53.0
14) GAS REVENUE, M$	28.7	110.4	33.7	17.7	12.2	9.5	7.8	6.6	5.7	5.0	237.4	23.7	261.1
15) GAS PRICE, $/MCF	3.750	7.690	4.940	3.950	3.670	3.606	3.570	3.570	3.570	3.570	5.124	3.570	4.930
ECONOMICS, M$													
19) GROSS REV. TO INTR.	295.6	503.1	200.8	123.1	88.6	71.1	57.8	49.2	43.0	38.2	1470.7	186.1	1656.8
20) - SEV. TAX	21.2	36.6	14.5	8.9	6.4	5.1	4.2	3.5	3.1	2.8	106.1	13.4	119.5
21) - AD VALOREM TAX	0.5	0.8	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	2.3	0.3	2.6
22) - OPERATING COSTS	9.9	22.4	21.1	20.5	20.2	20.0	19.9	19.8	19.7	19.7	193.3	133.6	326.9
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	264.0	443.3	164.9	93.5	61.9	45.9	33.7	25.7	20.1	15.7	1168.9	38.8	1207.7
29) - INVESTMENTS & RSK	553.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	553.7	-33.0	520.7
30) = BFIT NET	-289.7	443.3	164.9	93.5	61.9	45.9	33.7	25.7	20.1	15.7	615.2	71.8	687.0
PRESENT WORTH @ 10.00 %													
31) NET INCOME	244.0	387.7	130.6	67.2	40.4	27.2	18.2	12.6	9.0	6.4	943.3	12.4	955.8
32) INVESTMENTS & RISK	523.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.8	-6.7	517.1
33) BFIT NET	-279.7	387.7	130.6	67.2	40.4	27.2	18.2	12.6	9.0	6.4	419.6	19.1	438.7
34) CUM BFIT NET	-279.7	108.0	238.5	305.8	346.2	373.4	391.6	404.2	413.2	419.6	419.6	438.7	438.7

JAMES RANCH UNIT 82 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

A F T E R   T A X   E C O N O M I C S

AS OF DATE: 01/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	16.8 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	469.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	469.4	0.0	469.4
3) DEPRECIABLE	84.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.3	-33.0	51.3
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	295.6	503.1	200.8	123.1	88.6	71.1	57.8	49.2	43.0	38.2	1470.7	186.1	1656.8
5) - SEVERANCE TAX	21.2	36.6	14.5	8.9	6.4	5.1	4.2	3.5	3.1	2.8	106.1	13.4	119.5
6) - OPR. COSTS & ATX	10.4	23.2	21.4	20.7	20.4	20.2	20.0	19.9	19.8	19.7	195.6	133.9	329.5
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	25.3	17.7	12.4	8.7	6.1	4.2	3.0	2.1	1.5	1.0	81.9	2.4	84.3
12) = NET	238.8	425.7	152.6	84.8	55.8	41.6	30.7	23.7	18.7	14.7	1087.0	36.5	1123.5
13) - DEPLETION TAKEN	70.2	121.4	58.3	38.8	29.2	23.4	19.5	16.8	14.7	13.1	405.4	64.0	469.4
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	168.5	304.3	94.2	46.0	26.7	18.2	11.2	6.9	4.0	1.6	681.6	-27.6	654.0
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	57.3	103.5	32.0	15.6	9.1	6.2	3.8	2.3	1.3	0.6	231.7	-9.4	222.4
19) REVENUE-SEV	274.4	466.5	186.3	114.2	82.3	66.0	53.7	45.6	39.9	35.5	1364.5	172.8	1537.3
20) - OPR. COSTS & ATX	10.4	23.2	21.4	20.7	20.4	20.2	20.0	19.9	19.8	19.7	195.6	133.9	329.5
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	57.3	103.5	32.0	15.6	9.1	6.2	3.8	2.3	1.3	0.6	231.7	-9.4	222.4
24) = A.F.I.T.	206.7	339.9	132.9	77.9	52.8	39.7	29.9	23.4	18.8	15.2	937.1	48.2	985.4
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	206.7	339.9	132.9	77.9	52.8	39.7	29.9	23.4	18.8	15.2	937.1	48.2	985.4
28) - INVESTMENTS & RSK	553.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	553.7	-33.0	520.7
29) = A.F.I.T. NET	-347.0	339.9	132.9	77.9	52.8	39.7	29.9	23.4	18.8	15.2	383.4	81.2	464.7
PRESENT WORTH @ 10.00 %													
30) NET INCOME	197.1	294.6	104.7	55.8	34.4	23.5	16.1	11.4	8.3	6.1	752.1	14.8	766.9
31) INVESTMENTS & RISK	523.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.8	-6.7	517.1
32) A.F.I.T. NET	-326.6	294.6	104.7	55.8	34.4	23.5	16.1	11.4	8.3	6.1	228.4	21.5	249.9
33) CUM. A.F.I.T. NET	-326.6	-32.0	72.7	128.5	162.9	186.4	202.5	213.9	222.3	228.4	228.4	249.9	249.9

JAMES RANCH UNIT 82 QUAHADA

DATE : 01/18/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

E C O N O M I C   I N D I C A T O R S

AS OF DATE: 01/2000

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
0.	687.037	464.665	704.037
5.	541.351	336.274	466.167
10.	438.687	249.851	327.693
15.	362.000	187.818	237.223
20.	302.243	141.114	173.427
25.	254.213	104.687	126.009
30.	214.702	75.517	89.415
35.	181.613	51.685	60.384
40.	153.510	31.907	36.865
50.	108.420	1.182	1.342
60.	73.985	-21.300	-23.864
70.	46.990	-38.190	-42.342
80.	25.397	-51.125	-56.206
90.	7.848	-61.173	-66.783
100.	-6.603	-69.061	-74.951
RATE OF RETURN, PCT.	95.4	50.5	
UNDISCOUNTED PAYOUT, YRS.	1.65	2.05	
DISCOUNTED PAYOUT, YRS.	1.72	2.31	
UNDISCOUNTED NET/INVEST.	2.32	1.89	
DISCOUNTED NET/INVEST.	1.85	1.48	

NOTES

472

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

July 25, 2000

EXPRESS MAIl/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico

Attention: Ms. Lori Wrotenberry

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

Attention: Ms. Jami Bailey

Re: Amended 2000 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, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits an Amended Plan of Development for the James Ranch Unit for the year 2000. This amendment is being filed specifically for the addition of the following proposed wells:

FUTURE DEVELOPMENT

James Ranch Unit Well No. 20 – This well will be drilled at a legal surface location being 200' FNL, 1,320' FWL, Section 6 T23S-R31E and bottom hole location being 660' FSL, 660' FWL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 11,250' TVD (11,406' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 21 – This well will be drilled at a legal surface location being 200' FNL, 1,380' FWL, Section 6, T23S-R31E and bottom hole location being 660' FSL, 1,980' FWL, Section 31 T22S-R31E, , Eddy County, New Mexico to a proposed depth of 11,287' TVD (11,426' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 22 – This well will be drilled at a legal surface location being 200' FNL, 1,320' FEL, Section 6, T23S-R31E and bottom hole location being 660' FSL, 1,980' FEL, Section 31, T22S-R31E Eddy County, New Mexico to a proposed depth of 11,400' TVD (11,547' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 23 – This well will be drilled at a legal surface location being 200' FNL, 1,270' FEL, Section 6, T23S-R31E and bottom hole location being 660' FSL, 660' FEL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 11,380' TVD (11,522' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 24 – This well will be drilled at a legal location being 200' FNL, 1,295' FEL, Section 6, T23S-R31E and bottom hole location being 1,980' FEL, 660' FEL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 11,382' TVD, (11,840' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 25 – This well will be drilled at a legal surface location being 200' FNL, 1,355' FEL, Section 6, T23S-R31E and bottom hole location being 1,980' FSL, 1,980' FEL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 11,350' TVD (11,797' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 2501 – This well will be drilled at a legal surface location being 200' FNL, 1,380' FEL, Section 6, T23S-R31E and bottom hole location being 1,980' FSL, 1,980' FEL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 7,864' TVD (8,909' MD) to test the Delaware Formation.

James Ranch Unit Well No. 26 – This well will be drilled at a legal surface location being 200' FNL, 1,355' FWL, Section 6, T23S-R31E and bottom hole location being 1,980' FSL, 1,980' FWL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 11,310' TVD (11,730' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 2601 – This well will be drilled at a legal surface location being 200' FNL, 1,295' FWL, Section 6, T23S-R31E and bottom hole location being 1,980' FSL, 1,980' FWL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 7,812' TVD (8,880' MD) to test the Delaware Formation.

James Ranch Unit Well No. 27 – This well will be drilled at a legal surface location being 1,780' FSL, 200' FEL, Section 36, T22S-R30E and bottom hole location being 1,980' FSL, 660' FWL, Section 31, T22S-R31E, Eddy County, New Mexico to a proposed depth of 11,272' TVD (11,365' MD) to test the Wolfcamp Formation.

James Ranch Unit Well No. 33 – This well will be drilled at a legal location being 660' FNL, 1,813' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,810' to test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 35 – This well will be drilled at a legal location being 660' FNL, 660' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,830' to test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 38 – This well will be drilled at a legal location being 1,980' FSL, 660' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,810' to test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 62 – This well will be drilled at a legal location being 1,200' FSL, 2,080' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,830' to test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 74 – This well will be drilled at a legal location being 330' FNL, 430' FWL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 7,860' to test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 79 – This well will be drilled at a legal location being 330' FNL, 990' FEL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 11,500' to test the Delaware Formation.

James Ranch Unit Well No. 80 – This well will be drilled at a legal location being 330' FNL, 1,650' FEL, Section 36, T22S-R30E, Eddy County, New Mexico to a proposed depth of 11,250' to test the Delaware Formation.

James Ranch Unit Well No. 81 – This well will be drilled at a legal location being 560' FNL 990' FWL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,780' to test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 82 – This well will be drilled at a legal location being 1,200' FSL, 760' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,840' test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 83 – This well will be drilled at a legal location being 2,080' FSL, 1,780' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,820' test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 84 – This well will be drilled at a legal location being 1,980' FNL, 760' FEL, Section 1, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,820' test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 85 – This well will be drilled at a legal location being 2,180' FSL, 350' FWL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 7,860' test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 86 – This well will be drilled at a legal location being 760' FSL, 760' FWL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 7,900' test the Delaware - Lower Brushy Canyon Formation.

James Ranch Unit Well No. 87 – This well will be drilled at a legal location being 660' FSL, 1,980' FWL, Section 6, T23S-R31E, Eddy County, New Mexico to a proposed depth of 11,300' test the Wolfcamp Formation.

James Ranch Unit Well No. 88 – This well will be drilled at a legal location being 660' FSL, 1,980' FWL, Section 8, T23S-R31E, Eddy County, New Mexico to a proposed depth of 8,090' test the Delaware Formation.

James Ranch Unit Well No. 89 – This well will be drilled at a legal location being 660' FSL, 660' FWL, Section 8, T23S-R31E, Eddy County, New Mexico to a proposed depth of 8,050' test the Delaware Formation.

James Ranch Unit Well No. 90 – This well will be drilled at a legal location being 660' FNL, 660' FWL, Section 17, T23S-R31E, Eddy County, New Mexico to a proposed depth of 8,050' test the Delaware Formation.

EFFECTIVE DATE

This Plan of Development shall become effective on July 21, 2000.

If this Amended 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 the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 7th day of August, 2000.

BUREAU OF LAND MANAGEMENT

By: ____________________

COMMISSIONER OF PUBLIC LANDS

By: ____________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ____________________

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

April 26, 2000

EXPRESS MAIl/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico

Attention: Ms. Lori Wrotenberry

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

Attention: Ms. Jami Bailey

Re: 2000 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, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the James Ranch Unit for the year 2000.

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.

1999 ACTIVITY

James Ranch Unit Well No. 31 - This well was drilled at a location being 1,980' FNL, 1,980' FEL, Section 36, T22S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,276' - 7494'.

James Ranch Unit Well No. 63 – This well was drilled at a location being 660' FNL, 1,980' FWL, Section 1, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,490' – 7,500'.

PARTICIPATING AREAS

Bass Enterprises Production Co. submitted commercial determinations for several wells along with an application for a participating area for the Delaware Formation and revisions to the Bone Springs Participating Area.

FUTURE DEVELOPMENT

James Ranch Unit Well No. 32 – This well will be drilled at a legal location being 760' FSL, 2,000' FEL, Section 36, T22S-R30E, Eddy County, New Mexico to a propose depth of 7,780' to test the Delaware Formation.

James Ranch Unit Well No. 34 This well will be drilled a legal location being 660' FSL, 660' FEL, Section 36, T22S-R30E, Eddy County, New Mexico to a proposed depth of 7,840' to test the Delaware Formation.

James Ranch Unit Well No. 66 – This well will be drilled at a legal location being 660' FSL, 990' FWL, Section 36, T22S-R30E, Eddy County, New Mexico to a proposed depth of 7,775' to test the Delaware Formation.

James Ranch Unit Well No. 67 – This well will be drilled at a location being 1,096' FWL, 1,874' FSL, Section 36, T22S-R30E, Eddy County, New Mexico to a proposed depth of 7,750' to test the Delaware Formation. Bass has received approval for a non-standard location from the NMOCD.

OFFSET OBLIGATIONS

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

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 become effective on January 1, 2000.

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 the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 4th day of May, 2000.

BUREAU OF LAND MANAGEMENT

By: ______________________________

COMMISSIONER OF PUBLIC LANDS

By: ______________________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ______________________________

BASS ENTERPRISES PRODUCTION CO.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

April 20, 2000

Bureau of Land Management
P. O. Box 1397
Roswell, New Mexico 88201-2019

Attention: Ed Roberson

New Mexico Oil Conservation Division
2040 S. Pacheco Street
Santa Fe, New Mexico 87505

Attention: Lori Wrotenbery

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

Attention: Jami Bailey

Re: Application for Approval of the Second Revision
of the Initial Delaware Participating Area
James Ranch Unit, No. 14-08-001-558
Eddy County, New Mexico

Ladies and Gentlemen:

Bass Enterprises Production Co., as unit operator of the James Ranch Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to constitute the second revision to the Initial Delaware Participating Area. The revised participating area consists of 3,207.52 acres to be comprised of the lands indicated on the plat attached hereto and further described as follows:

T22S-R30E
Section 35: SE/4 NE/4, E/2 SE/4
Section 36: S/2, NE/4, S/2 NW/4

T22S-R31E
Section 31: Lots 1, 2, 3, 4, E/2 SW/4, SE/4

T23S-R30E
Section 1: Lots 1, 2, 3, 4, S/2 NE/4, SE/4
Section 2: Lot 1

T23S-R31E
Section 5: Lot 4, SW/4 NW/4, W/2 SW/4
Section 6: All
Section 7: Lot 1, NE/4 NW/4, N/2 NE/4, SE/4 NE/4, E/2 SE/4
Section 8: W/2
Section 17: NW/4
Section 18: E/2 NE/4, SW/4 NE/4

All in Eddy County, New Mexico and containing exactly 3,207.52 acres of land.

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

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed second revision to the Initial Delaware Participating Area.

2. A schedule (Exhibit "B") identifying the lands entitled to participation in the revised participating area with the percentage of participation of each lease or tract indicated thereon.

3. A geological report with accompanying geological maps supporting and justifying the proposed selection of the revised area based on the results obtained from the James Ranch Unit Well No. 55.

This proposed second revision to the Initial Delaware Participating Area is predicated upon the knowledge and information first obtained from the James Ranch Unit Well No. 55 in April, 1994. It should be noted that James Ranch Unit Well No. 55 has been previously determined as capable of producing in commercial quantities. According to Section 11 of the Unit Agreement, the effective date of the subject revision should be the first of the month in which the above information was obtained or April 1, 1994. Therefore, Bass respectfully requests your approval of the hereinabove described 3,207.52 acres of land to constitute the second revision of the Initial Delaware Participating Area, to be effective April 1, 1994.

Thank you very much for your cooperation in this regard and should you have any questions or comments concerning same, please do not hesitate to contact the undersigned.

Very truly yours,

Worth Carlin

Worth Carlin

WWC:ca

ACCEPTED AND AGREED this _________ day of ______________, 2000.

BUREAU OF LAND MANAGEMENT

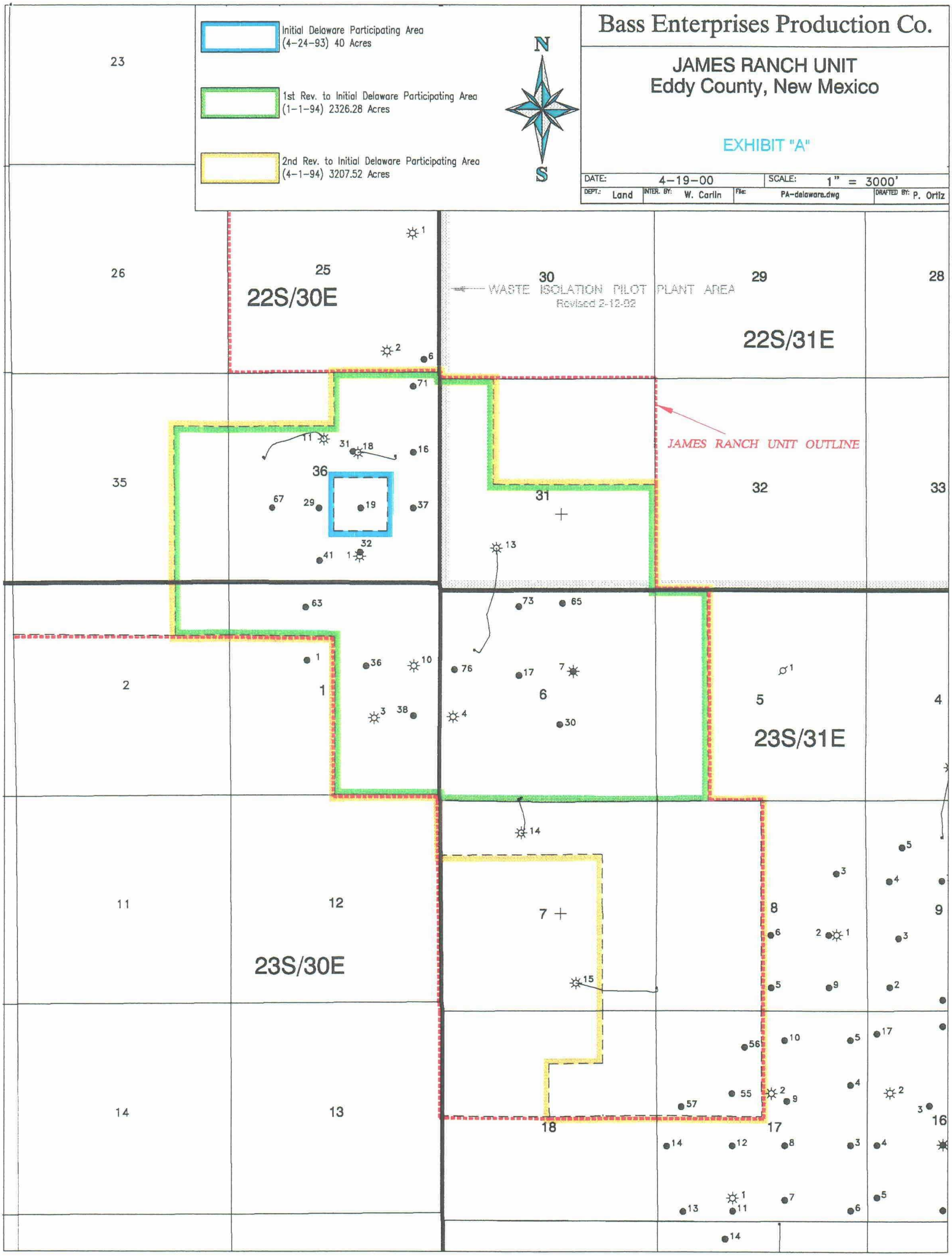
By: ________________________________

COMMISSIONER OF PUBLIC LANDS

By: ________________________________

NEW MEXICO OIL CONSERVATION DIVISION

By: ________________________________



Bass Enterprises Production Co.
JAMES RANCH UNIT
Eddy County, New Mexico
EXHIBIT "A"
DATE: 4-19-00
SCALE: 1" = 3000'
DEPT.: Land
INTER. BY: W. Carlin
File: PA-delaware.dwg
DRAFTED BY: P. Ortiz
Initial Delaware Participating Area (4-24-93) 40 Acres
1st Rev. to Initial Delaware Participating Area (1-1-94) 2326.28 Acres
2nd Rev. to Initial Delaware Participating Area (4-1-94) 3207.52 Acres
N
S
22S/30E
22S/31E
23S/30E
23S/31E
WASTE ISOLATION PILOT PLANT AREA
Revised 2-12-92
JAMES RANCH UNIT OUTLINE

EXHIBIT "B"
Second Revision to Initial Delaware Participating Area
James Ranch Federal Unit
Eddy County, New Mexico

Tract No.	Lease No.	Description	Participating Acres	Percentage of Participation	Working Interest Owners	
2	NM 02883-A	Section 5, T23S-R31E; SW/4 NW/4, W/2 SW/4,	120.00	3.74121	Bass Enterprises Production Co. -	100%
3	NM 02884-A	Section 1, T23S-R30E; Lots 3, 4	80.72	2.51659	Bass Enterprises Production Co. -	100%
3-A	NM 02884-B	Section 1, T23S-R30E; Lots 1, 2, S/2 NE/4, SE/4	320.24	9.98404	Bass Enterprises Production Co. -	100%
4	NM 02887-A	Section 6, T23S-R31E; Lots 1, 2, S/2 NE/4, NE/4 SE/4 Section 18, T23S-R31E; E/2 NE/4, SW/4 NE/4	319.92	9.97406	Bass Enterprises Production Co. -	100%
4	NM 02887-D	Section 6, T23S-R31E; Lots 3, 4, 5, SE/4 NW/4 Section 7, T23S-R31E; Lot 1, NE/4 NW/4	242.32	7.55475	Bass Enterprises Production Co. -	100%
4-A	NM 02887-B	Section 5, T23S-R31E; Lot 4 Section 7, T23S-R31E; NW/4 NE/4, SE/4 NE/4, E/2 SE/4	199.98	6.23473	Bass Enterprises Production Co. -	100%
6	NM 02952-C	Section 35, T22S-R30E; SE/4 NE/4	40.00	1.24707	Bass Enterprises Production Co. -	100%
6-A	NM 02952-A	Section 35, T22S-R30E; E/2 SE/4	80.00	2.49412	Bass Enterprises Production Co. -	100%

EXHIBIT "B"
Second Revision to Initial Delaware Participating Area
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Tract No.	Lease No.	Description	Participating Acres	Percentage of Participation	Working Interest Owners	
7	NM 02953	Section 31, T22S-R31E; Lots 1, 2	80.86	2.52095	Conoco, Inc. -	100%
7	NM 02953-C	Section 31, T22S-R31E; Lots 3, 4, E/2 SW/4, SE/4	320.98	10.00711	Bass Enterprises Production Co. - Enron Oil & Gas Company -	33.333% 66.667%
8	NM 04473	Section 6, T23S-R31E; Lots 6, 7, E/2 SW/4, W/2 SE/4, SE/4 SE/4	282.15	8.79652	Bass Enterprises Production Co. -	100%
20	LC 071988-B	Section 8, T23S-R31E; W/2 Section 17, T23S-R31E; NW/4	480	14.96483	Bass Enterprises Production Co. -	100%
21	E-5229-1	Section 2, T23S-R30E; Lot 1, Section 36, T22S-R30E; NE/4, SW/4, S/2 NW/4	440.35	13.72868	Bass Enterprises Production Co -	100%
21	E-5229-2	Section 36, T22S-R30E; SE/4	160.00	4.98828	Bass Enterprises Production Co. -	100%
25	Fee	Section 7, T23S-R31E; NE/4 NE/4	40.00	1.24707	Bass Enterprises Production Co. -	100%
		TOTALS:	**3,207.52**	**100%**		

Total Federal Lands: **2,567.17 Acres**
Total State Lands: **600.35 Acres**
Total Fee Lands: **40.00 Acres**
Total: **3,207.52 Acres**

BASS ENTERPRISES PRODUCTION COMPANY
JAMES RANCH UNIT (DELAWARE)
PROPOSED PARTICIPATING AREAS

GEOLOGICAL ATTACHMENTS

1. Type Log: JRU No. 30 (Section 6, T23S-R31E)

2. Wireline Logs/Mudlogs: Data base for 44 wells
Includes porosity, resistivity, and mudlogs for both producing zones and for uphole, behind-pipe pay intervals

3. Producing Horizons: Map illustrating producing reservoir horizons at James Ranch Unit

4. Base Map – Existing Wells - Logging Date: Base map illustrating by well, the original operator, logging company, and logging date (tabulation includes logging and completion date).

5. Log Quality Control: Porosity logs

6. Log Quality Control: Resistivity logs

7. Rw: Relationship for Rw vs Depth

8. Structure Map: Top Lower Brushy Canyon "D"

9. Net Pay Isopach Map: Lower Brushy Canyon "D"—critical contour @ 25′ ≥ 10% porosity

10. Commercial Delaware Wells S.E. of JRU: Documentation supporting commerciality in Sections 8 and 17 of T23S-R31E

04/20/00

INTRODUCTION

Drilling for deeper horizons below the Delaware from the 1950's through the early 1990's at James Ranch Unit essentially identified that a significant hydrocarbon reservoir existed within the Cherry and Brushy Canyon sections of the Delaware formation. This identification was based primarily from drill stem tests, mudlog shows and log evaluation. For example, as early as 1954 the Richardson and Bass Legg No. 1 (Section 27, T22S-R30E) potentialed for 67 BOPD (6112′–6118′) from the Lower Brushy Canyon and in 1957, Shell's No. 1 James Ranch Unit (Section 36, T22S-R30E) recovered 450′ oil on a Brushy Canyon drillstem test (6719′-6758′). Continued deep drilling through the 1980's confirmed the Delaware potential prior to it becoming a targeted reservoir.

During the 1990's attention became more focused on the Delaware, very much aided by fracture treatment technology. Since drilling became focused on the Delaware, 19 wells have targeted this reservoir in the southeastern sector of the unit. All of these wells are commercial. Around 12 additional locations are currently being permitted. Uphole, behind-pipe pay exists in the majority of the wells drilled to date.

GEOLOGICAL SETTING

The Delaware sands at James Ranch Unit were deposited as part of an extensive submarine fan complex, with thinly bedded sandstones and siltstones encasing stacked channel sequences of reservoir quality sandstones. The trapping mechanism is primarily stratigraphic with some subtle structural influence.

PETROPHYSICS

Based upon in-house studies and production experience of the Delaware at James Ranch Unit and elsewhere, the Lower Brushy Canyon is oil-bearing and productive at a density porosity cut-off of $\geq$ 10% (sandstone matrix at 2.66 gm/cc). As we climb into the Cherry Canyon, the porosity cut-off increases to 15% sandstone porosity. The log database at James Ranch Unit is a very unique mixture of porosity and resistivity log types and of varying logging companies. For this reason, quality control of the logs has been essential. Typically we like to see the water saturations to be 65% or less. Mudlogs have been a very critical ingredient in pay recognition—it is difficult to question a zone's potential when you have good drilling shows ranging from good sample shows to oil in the trap or on the pits!

COMPLETIONS WITH UPHOLE PAY

Initial completions have concentrated on the Lower Brushy "D". Perforations are commonly limited to a central pay zone and then large fracture stimulations are made to communicate all the reservoir intervals from the top of the Lower Brushy Canyon "D" to the top of the Bone Spring. Since this has been the initial completion interval to date, and on its own has been overall commercial, the Lower Brushy "D" is the reservoir interval illustrated in this application. Examination of the log/mudlog database illustrates the higher reserve uphole potential behind-pipe in the majority of the wells. Some of this has been accessed but in many of the wells has yet to be perforated.

PROPOSED PARTICIPATING AREAS

1. Initial P.A. (effective date 4/24/93)

Chronologically, JRU No. 19 (completed 4/24/93) should define the initial P.A. Completed in the Lower Brushy Canyon "B", "C" and "D", the well has produced 85 MBO + 180 MMCF through 11/30/99, with an anticipated ultimate recovery of 181 MBOE.

2. First Revision (effective date 1/1/94)

The JRU No. 19, together with earlier pay identification from deep tests in Section 36, T22S-R30E showed us that Section 36 was a commercial target area. Earlier "deep" tests in Section 6, T23S-R31E (JRU Nos. 4, 7, and 30) and in Section 1 of T23S-R30E (Hudson Federal No. 1 and JRU Nos. 3 and 10) had already indicated the Delaware potential in those areas, but confirmation of this was provided by the JRU No. 36. Completed 1/23/94, the No. 36 has produced 47 MBO + 90 MMCF from the Lower Brushy "D" through 11/30/99, and has an anticipated ultimate recovery of 153 MBOE. Additional pay still exists uphole.

3. Second Revision (effective date 4/1/94)

Delaware mapping during our early Delaware drilling showed us that the reservoir extended southeast outside of the unit into Sand Dunes, West (Sections 8, 9, 16 and 17 of T23S-R31E). Overall unaccessible due to potash mining, two earlier deep tests (JRU Nos. 14 and 15) strongly supported this potential in the Delaware. This potential was officially confirmed within the unit by the JRU No. 55 (completed 4/6/94). The JRU No. 55, through 11/30/99, has produced 55 MBO + 182 MMCF, and has an anticipated ultimate recovery of 165 MBOE.

SUMMARY

The proposed initial P.A. and P.A. revisions, in our opinion, define the minimum participating areas for the Delaware at James Ranch Unit. Drilling restrictions, due to potash, are the only reason why more drilling has not been done to substantiate the fact that a much larger area should be placed within a participating area. As previously stated, no non-commercial wells have been drilled. In fact, with our ongoing drilling program, five additional wells (JRU Nos. 31, 32, 38, 63, 67) will need to be filed as commercial wells. This program has also confirmed our earlier mapping that an additional channel complex, trending NW-SE, enters Section 36 (T22S-R30E) and

Section 1 (T23S-R30E) and then joins up with the main N-S complex which incorporates Sand Dunes, West. The Richardson and Bass Legg No. 1 (Section 27, T22S-R30E) is located along this fairway. We are in fact extremely encouraged by this secondary trend. Completed February 2, 2000, the JRU No. 63 (NW/4 Section 1, T23S-R30E) flowed at rates of over 500 BOPD from the Lower Brushy "D" during the first week. Currently, development drilling is going to target this secondary channel complex. There is no doubt that if the area were accessible for drilling, the unit acreage west and northwest of the proposed participating areas would greatly enlarge the P.A. area. We further believe, from subsurface mapping, that the Cabin Lake Cherry Canyon pay zone is present in that area. That reservoir will typically produce over 250 MBO/well. Together with Brushy Canyon pay zones, the reserves of this area within the potash reserves would constitute a significant asset to Bass Enterprises and the Bureau of Land Management.

Finally, please feel free to call either Simianne Hayden (817 390-8664) or George Hillis (817 390-8661) with any questions on this application for Delaware participating areas (initial, first revision, second revision) at James Ranch Unit.

George A. Hillis

George A. Hillis

Simianne Johnson-Hayden

Simianne Johnson-Hayden

GAH:SJH:jp