

DATE IN <u>2/22/06</u>	SUSPENSE	ENGINEER <u>MIKE</u>	LOGGED IN <u>2/23/06</u>	TYPE <u>NSL</u>	APP NO. <u>PTDS 0605439609</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce
 Print or Type Name

Signature

Attorney for applicant
 Title

Date

jamesbruc@aol.com
 e-mail Address

RECEIVED

FEB 22 2006

Oil Conservation Division
 1220 S. St. Francis Drive
 Santa Fe, NM 87505

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

February 22, 2006

Hand delivered

Michael E. Stogner
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Bass Enterprises Production Co. applies for approval of an unorthodox gas well location for the following well:

<u>Well:</u>	Big Eddy Unit Well No. 153
<u>Surface location:</u>	660 feet FSL & 1980 feet FEL
<u>Bottomhole location:</u>	2587.17 feet FNL & 414.36 feet FEL
<u>Well unit:</u>	E½ of Section 20, Township 21 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to a depth sufficient to test the Morrow formation (Golden Lane-Morrow Gas pool). The Morrow formation is developed on statewide rules, with 320 acre spacing, and wells to be located no closer than 660 feet to a quarter section line, nor closer than 10 feet to a quarter-quarter section line. A Sundry Notice and Form C-102 for the well are attached as Exhibit A. The well will be directionally drilled under Division Rule 111.

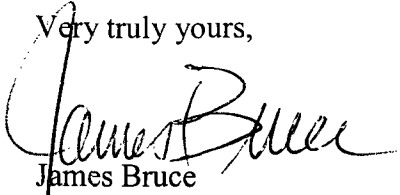
Attached as Exhibit B is geological data on the Morrow formation. Applicant desires to drill a lengthy horizontal wellbore to sufficiently test several Middle Morrow zones, at different structural levels. The length of the wellbore is necessary to adequately test all prospective zones, causing the terminus of the lateral to be slightly unorthodox toward the east.

Attached as Exhibits C and D are a land plat and ownership information from the Unit Agreement for the Big Eddy Unit. The E½ of Section 20 and the W½ of Section 21 are fully

committed to the Big Eddy Unit, and ownership is common. Therefore, there is no adversely affected interest owner who needs to be notified of this application.

Please contact me if you need any further information on this application.

Very truly yours,

A handwritten signature in cursive script, appearing to read "James Bruce". The signature is written in dark ink and is positioned above the printed name.

James Bruce

Attorney for Bass Enterprises Production Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bass Enterprises Production Co.

3a. Address 3b. Phone No. (include area code)
P. O. Box 2760 Midland TX 79702 (432)683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWSE 660' FSL & 1980' FEL, Section 20, T21S, R29E
Lat - 32.273410 deg, Long 104.001640 deg

5. Lease Serial No.

NMNM04228

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NMNM68294X

8. Well Name and No.

Big Eddy Unit #153

9. API Well No.

30-015-34012

10. Field and Pool, or Exploratory Area

Golden Lane - Morrow

11. County or Parish, State

Eddy
New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Planned
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Lateral Drilg
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bass Enterprises Production Co. wishes to alter our original directional plan, thus changing the bottom hole location.
Planned lateral: KOP 12,263' MD, 12,259' TVD and EOL 14,706' MD, 12,673' TVD.
Original BHL was to be located at 2383' FSL & 567' FEL, Sec 20, T21S, R29E.
Total displacement would have been 2,272' at an azimuth at N 40 deg E.

Current Planned Lateral: KOP 12,271' MD, 12,267' TVD and EOL 14,976' MD, 12,585' TVD.
BHL (Base of pay) at 2,595.66' FSL & 478.55' FEL of Section 20, T21S, R29E.
TD (end of lateral) will be located at 2,587.17' FNL & 414.36' FEL of Section 20, T21S, R29E.
Total displacement will now be 2,549.49' at an azimuth of N40 deg E (from kickoff point).

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Annette Childers

Title **Administrative Assistant**

Signature *Annette Childers*

Date **02/09/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)



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 30-015-34012	Pool Code 77560	Pool Name GOLDEN LANE(MORROW)
Property Code	Property Name BIG EDDY UNIT	Well Number 153
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3313'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	21 S	29 E		660	SOUTH	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
H	20	21 S	29 E		2587.17	NORTH	414.36	EAST	EDDY
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

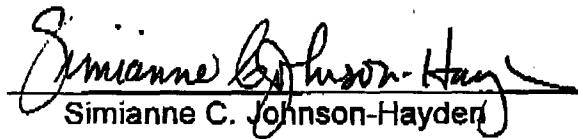
NW CORNER N 535635.859 E 639386.446 320.8 ACRES - GLO I.D. LAT - N32°27'53.963" LONG - W103°59'58.059" NMSPCE- N 533056.28 (NAD 83) E 644309.82 PROPOSED BOTTOM HOLE LAT - N32°27'53.208" LONG - W103°59'58.811" NMSPCE- N 532979.81 (NAD 83) E 644245.63 K.O.P. LAT - N32°27'34.310" LONG - W104°00'17.640" NMSPCE- N 531065.02 (NAD 83) E 642638.35 160.36 ACRES - GLO SURFACE LOC. LAT - N32°27'34.100" LONG - W104°00'16.406" NMSPCE- N 531044.15 (NAD 83) E 642744.18 SW CORNER N 530379.252 E 639436.631	NE CORNER N 533644.013 E 644673.318 2587.17' 414.36' 478.55' P.B.H. 2599.79' FROM K.O.P. TO I.D. 2595.66' 3309.0' 3323.4' 2085.73' 1980' 3312.1' 660' 3320.0'		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature W.R. DANNELS Printed Name DIVISION DRILLING SUPT. 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 supervision, and that the same is true and correct to the best of my belief. JANUARY 21, 2005 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 4996 Certificate No. Gary Jones 7977 BASS-SURVEYS

Memorandum

To: George A. Hillis
From: Simianne C. Johnson-Hayden
Date: January 25, 2006
Re: BEU 153 – Lateral 1
Geological Structure – Middle Morrow

Attached please information provided to assist drilling/engineering in their final plans for the Big Eddy Unit No. 153 Lateral 1. A Top of the Lower Morrow structure map posting the proposed wellbore path for Lateral 1, and a wellbore stick-section of BEU No. 153 Vertical and Lateral 1 "end point" are presented for review.

The stick-section illustrates the anticipated structural and stratigraphic relationship between the vertical well and the terminus of the 2500' Lateral 1. Middle Morrow Sand tops are provided in Measured and Subsea Depths for the Vertical well with the correlative estimated tops on Lateral 1 provided in True Vertical Subsea Depth. This data is estimated based on a N 40° E wellbore trajectory.


Simianne C. Johnson-Hayden



SUBJECT

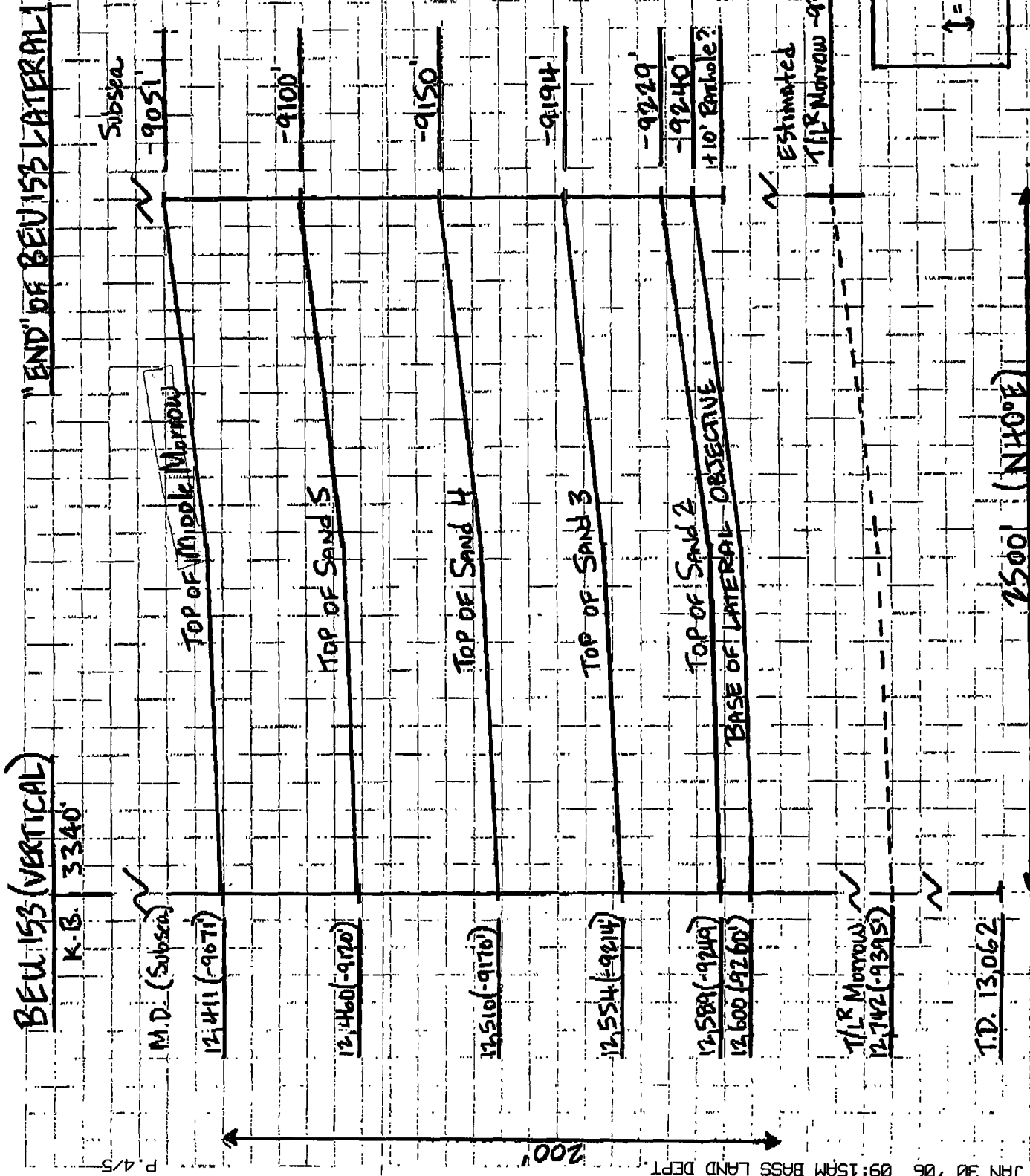
DATE

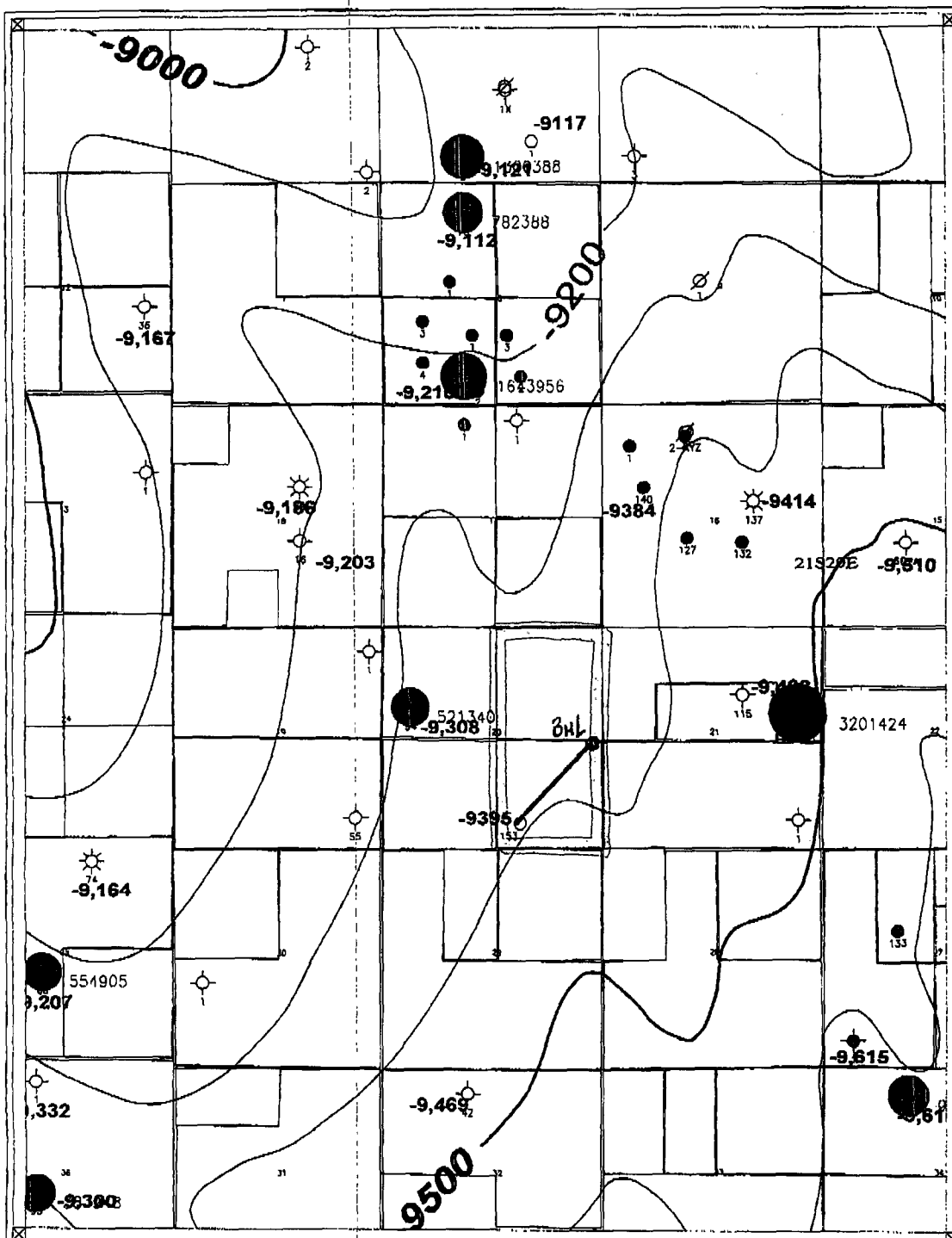
1/24/06

DEPARTMENT

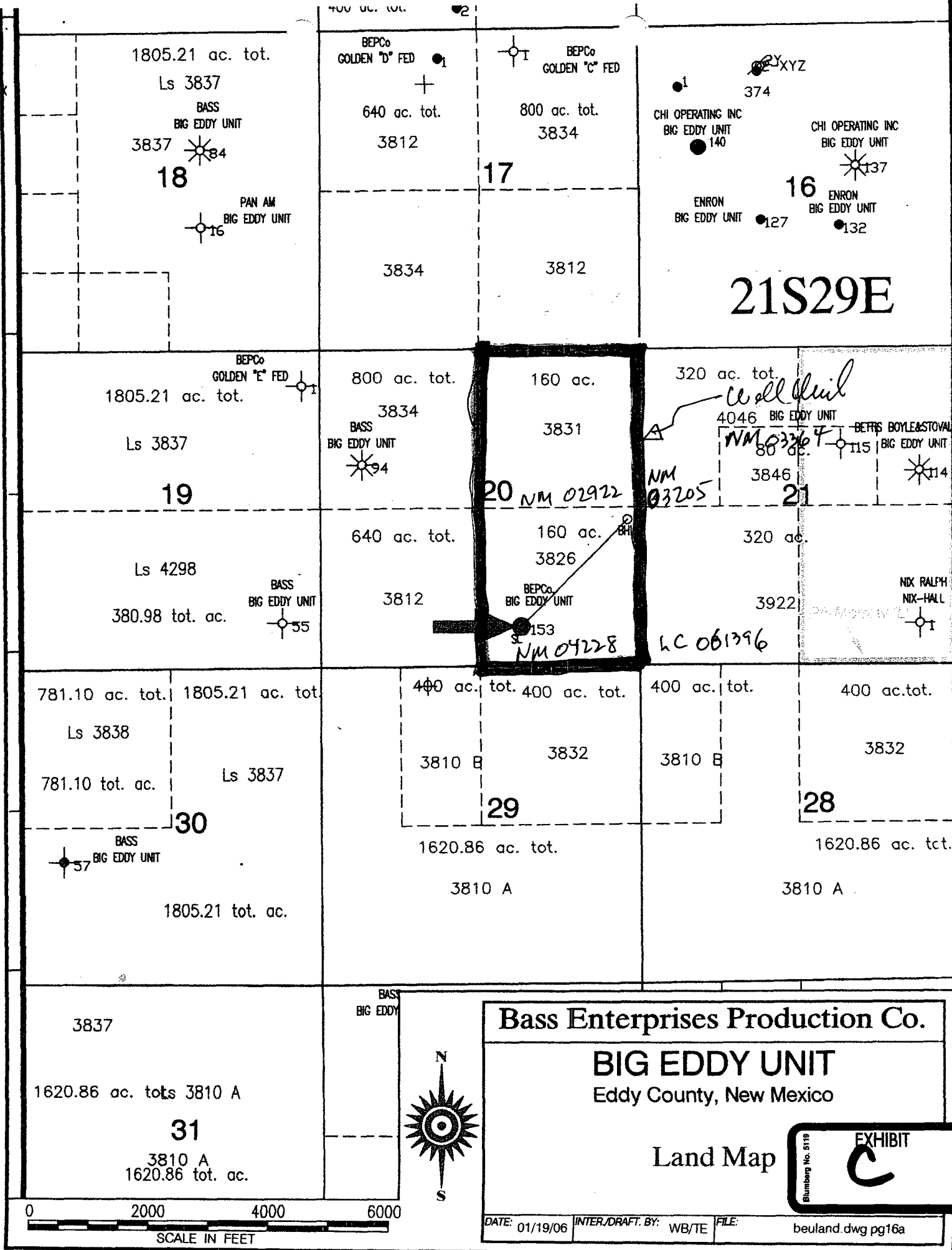
PREPARED BY

STH





Bass Enterprises Production Company		
SJH-NEW MEXICO (UPDATES/ 9-2005)		
BIG EDDY UNIT - Morrow Production		
Lower Morrow Structure		
Scale	1" = 100'	1/25/2005
	1" = 200'	



Revised Jan. 15, 1961

EXHIBIT "B"

BIG EDDY UNIT AREA, EDDY AND LEA COUNTIES, NEW MEXICO
TOWNS. 19, 20, 21, 22 and 23, S., R. 28, 29, 30, 31 and 32 E., N.M.P.M.
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
IN ALL LANDS IN THE UNIT AREA

RECEIVED
STATE LAND OFFICE
SANTA FE, N.M.

1961 MAR 31 AM 10 02

Tract No.	Description of Land	No. of Acres	Application or Ser. No. & Effective Date	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner & Percentage
FEDERAL LAND							
1.	T-20-S, R-31-E Sec. 5: SW $\frac{1}{4}$ Sec. 6: SW $\frac{1}{4}$ Sec. 7: E $\frac{1}{2}$ Sec. 8: All Sec. 9: W $\frac{1}{2}$	1600	NM 0251 7-1-52	USA All	S. W. Richardson & Perry R. Bass	Bertrand O. Baetz Obligation \$500 per acre out of 3% of production	S. W. Richardson & Perry R. Bass
2-A	T-21-S, R-30-E Sec. 3: Lots 1, 2, 7, 8, 9, 10, 15 & 16, SW $\frac{1}{4}$	471.70	NM 0299-A 7-1-51	USA All	S. W. Richardson & Perry R. Bass	Theima L. Rhodes 3%	S. W. Richardson & Perry R. Bass
2-B	T-21-S, R-30-E Sec. 11: SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	NM 0299 7-1-51	USA All	J. W. Owen	None	O. E. Bradley
3.	T-21-S, R-28-E Secs. 21, 22, 27 & 28 All	2560	NM 0186 11-1-51	USA All	S. W. Richardson & Perry R. Bass	Jerry Curtis 5%	S. W. Richardson & Perry R. Bass
4.	T-21-S, R-29-E Sec. 8: NW $\frac{1}{4}$ Sec. 10: W $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$	400	NM 0505 2-1-50	USA All	S. W. Richardson & Perry R. Bass	Marian D. Harris 3%	S. W. Richardson & Perry R. Bass
5.	T-21-S, R-29-E Sec. 8: SW $\frac{1}{4}$ Sec. 17: NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 20: SW $\frac{1}{4}$	640	NM 0509 2-1-50	USA All	S. W. Richardson & Perry R. Bass	Marian D. Harris 3%	S. W. Richardson & Perry R. Bass
6.	T-20-S, R-31-E Sec. 11: NW $\frac{1}{4}$	160	NM 0783 6-1-50	USA All	E. A. Culbertson Wallace W. Irwin Hondo Oil & Gas Co. So. California Petrol- eum Co.	Amy McNutt 1/8 1/8 1/8 1/8	E. A. Culbertson & Wallace W. Irwin Hondo Oil & Gas Co. So. California Petrol- eum Co.

Blumberg No. 5118

EXHIBIT

D

21.	T-21-S, R-29-E Sec. 10: NW $\frac{1}{4}$ Sec. 8: NW $\frac{1}{4}$ Sec. 17: NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 20: NW $\frac{1}{4}$	800	NM 02918 2-1-50	USA All	S. W. Richardson & Perry R. Bass	Josephine Rodke Marian D. Harris	1 $\frac{1}{2}$ 2 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
22.	T-21-S, R-29-E Sec. 20: NW $\frac{1}{4}$	160	NM 02922 2-1-50	USA All	S. W. Richardson & Perry R. Bass	Joe W. Lackey Marian D. Harris	2 $\frac{1}{2}$ 2 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
23.	T-21-S, R-29-E Sec. 8: SW $\frac{1}{4}$ Sec. 10: E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$	400	NM 02946 2-1-50	USA All	S. W. Richardson & Perry R. Bass	Marian D. Harris Frances Mix	2 $\frac{1}{2}$ 1 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
24.	T-21-S, R-30-E Sec. 15: NW $\frac{1}{4}$	160	NM 02977 10-1-48	USA All	S. W. Richardson & Perry R. Bass	LaVerge Harris I. W. Rosworth	1 $\frac{1}{2}$ 2 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
25.	T-21-S, R-30-E Sec. 15: NW $\frac{1}{4}$	320	NM 055038 2-1-60	USA All	Frank Yates	None		Frank Yates
26.	T-21-S, R-30-E Sec. 10: SE $\frac{1}{4}$	160	NM 02979 10-1-48	USA All	S. W. Richardson & Perry R. Bass	LaVerge Harris	1 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
27.	T-21-S, R-30-E Sec. 10: NW $\frac{1}{4}$	160	NM 02980 10-1-48	USA All	S. W. Richardson & Perry R. Bass	LaVerge Harris	1 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
28.	T-21-S, R-31-E Sec. 6: Lots 9, 10, 15, 16	160	NM 03057 9-1-48	USA All	S. W. Richardson & Perry R. Bass	Wm. R. Thompson	1 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
29.	T-21-S, R-31-E Sec. 6: Lots 11, 12, 13, 14	156.39	NM 03059 9-1-48	USA All	S. W. Richardson & Perry R. Bass	Wm. R. Thompson	1 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
30.	T-21-S, R-31-E Sec. 3: Lots 3, 4, 5, 6 Sec. 4: Lots 3, 4, 5, 6	329.04	NM 03183 3-1-52	USA All	S. W. Richardson & Perry R. Bass	Mary Dadlake, Obligation \$500 per acre out of 3% of production		S. W. Richardson & Perry R. Bass
31.	T-21-S, R-29-E Sec. 21: NW $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 33: E $\frac{1}{2}$ NW $\frac{1}{4}$	320	NM 03205 2-1-50	USA All	S. W. Richardson & Perry R. Bass	John S. Harris Ralph Mix	2 $\frac{1}{2}$ 1 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass
32.	T-21-S, R-30-E Sec. 29: NW $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$	600	NM 03297-B 4-1-52	USA All	S. W. Richardson & Perry R. Bass	Lucy English	3 $\frac{1}{2}$	S. W. Richardson & Perry R. Bass

33.	T-22-S, R-29-E Sec. 5: Lots 1,2,3,4, SW $\frac{1}{4}$ Sec. 6: Lots 1,2,3,4, NW $\frac{1}{4}$, NE $\frac{1}{4}$ Sec. 7: Lots 1,2,3,4, E $\frac{1}{2}$ Sec. 18: Lots 1,2,3,4, E $\frac{1}{2}$ 1140.60	NM 03302 9-1-51	USA ALL	S. W. Richardson & Perry R. Bass	Buck Russell	3%	S. W. Richardson & Perry R. Bass
34.	T-21-S, R-29-E Sec. 21: SW $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$ 80	NM 03364 2-1-50	USA ALL	S. W. Richardson & Perry R. Bass	John S. Harris Joe W. Lackey	2%	S. W. Richardson & Perry R. Bass
35.	T-21-S, R-28-E Sec. 3: Lots 1,2,7,8,9, 10,11 253.96	NM 03926 6-1-52	USA ALL	S. W. Richardson & Perry R. Bass	None		S. W. Richardson & Perry R. Bass
36.	T-20-S, R-31-E Sec. 17: E $\frac{1}{2}$, SW $\frac{1}{4}$ Sec. 21: W $\frac{1}{2}$, NE $\frac{1}{4}$ Sec. 27: NW $\frac{1}{4}$ 1040	NM 04082 12-1-51	USA ALL	S. W. Richardson & Perry R. Bass *	Victor B. VanHook	3.125%	S. W. Richardson & Perry R. Bass
37.	T-21-S, R-30-E Sec. 19: Lots 5,6,7,8, Sec. 20: SE $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 29: SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 30: ALL Sec. 23: SE $\frac{1}{4}$ 1197.71	NM 04105 3-1-52	USA ALL	S. W. Richardson & Perry R. Bass	None		S. W. Richardson & Perry R. Bass
38.	T-21-S, R-29-E Sec. 20: SE $\frac{1}{4}$, SW $\frac{1}{4}$ 160	NM 04228 2-1-50	USA ALL	S. W. Richardson & Perry R. Bass	Marian D. Harris Marian Blomberg	2% 1%	S. W. Richardson & Perry R. Bass
39.	T-21-S, R-31-E Sec. 3: Lots 1,2,7,8,9, 10,11,12,13,14,15,16 Sec. 4: Lots 1,2,7,8,11, 12,13,14, SW $\frac{1}{4}$ Sec. 9: E $\frac{1}{2}$, SW $\frac{1}{4}$ 1149.26	NM 04383-A 7-1-52	USA ALL	S. W. Richardson & Perry R. Bass	Manley O. VanOrsdol	3%	S. W. Richardson & Perry R. Bass
40.	T-20-S, R-31-E Sec. 3: Lot 4, SW $\frac{1}{4}$, NW $\frac{1}{4}$, W $\frac{1}{2}$, SW $\frac{1}{4}$ Sec. 4: Lots 1,2,3, SW $\frac{1}{4}$, NW $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$ 552.10	NM 04557 8-1-52	USA ALL	S. W. Richardson & Perry R. Bass	Frances M. Price Obligation \$500 per acre out of 3% of production		S. W. Richardson & Perry R. Bass
41.	T-21-S, R-31-E Sec. 4: Lots 9,10,15,16, SE $\frac{1}{4}$ 320	NM 04635-A 6-1-52	USA ALL	S. W. Richardson & Perry R. Bass	Elizabeth Ann Elliott	3%	S. W. Richardson & Perry R. Bass

* Operating Agreement dated Feb. 23, 1960 granted Shell Oil Co and Texas Crude Oil Co. on rights above 7456 feet on W $\frac{1}{2}$ and W $\frac{1}{2}$ Sec. 21 and 6.25% overriding royalty retained.

47.	T-22-S, R-28-E Sec. 4: Lots 1,2,3, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 5: SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 6: Lots 1,2,3,5, SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9: NE $\frac{1}{4}$ Sec. 10: NE $\frac{1}{4}$	1156.51 9-1-48	IC 060613	USA All	S. W. Richardson & Perry R. Bass	Lillie May Yates	5%	S. W. Richardson & Perry R. Bass
48.	T-22-S, R-28-E Sec. 3: Lots 3,4, SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 4: Lots 3,4, SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 5: Lots 1,4, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 6: SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 9: NE $\frac{1}{4}$ NW $\frac{1}{4}$	1179.16	IC 060853-A 8-1-49	USA All	S. W. Richardson & Perry R. Bass	J. E. Metcalf	5%	S. W. Richardson & Perry R. Bass
49.	T-22-S, R-28-E Sec. 6: Lot 4	195.08	IC 061277 5-1-50	USA All	S. W. Richardson & Perry R. Bass	Martin Yates III	5%	S. W. Richardson & Perry R. Bass
50.	T-21-S, R-28-E Sec. 21: Lot 4, SW $\frac{1}{4}$, SW $\frac{1}{4}$	320	IC 061396 4-1-49	USA All	S. W. Richardson & Perry R. Bass	Edna Lome Hall	2%	S. W. Richardson & Perry R. Bass
51.	T-21-S, R-31-E Sec. 8: SW $\frac{1}{4}$	80	IC 061641 3-1-47	USA All	S. W. Richardson & Perry R. Bass	Magdalene Childers Martham	1.5%	S. W. Richardson & Perry R. Bass
52.	T-21-S, R-31-E Sec. 8: SW $\frac{1}{4}$, SW $\frac{1}{4}$	40	NW 013266 12-1-53	USA All	S. W. Richardson & Perry R. Bass	None		S. W. Richardson & Perry R. Bass
53.	T-21-S, R-29-E Sec. 7: Lots 1,2,3,4, E $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 18: NE $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ Sec. 19: Lots 1,2, E $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 30: Lot 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ Sec. 31: Lot 1, NW $\frac{1}{4}$ NW $\frac{1}{4}$	1805.21 1-1-51	IC 062573 1-1-51	USA All	S. W. Richardson & Perry R. Bass	Helen E. Mapes	3%	S. W. Richardson & Perry R. Bass