

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

April 7, 2009

RECEIVED

2009 APR 8 AM 9 53

FEDERAL EXPRESS

Bureau of Land Management
Carlsbad District Office
620 E. Green St.
Carlsbad, New Mexico 88220
Attn: Mr. Wesley Ingram

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: Mr. William Jones

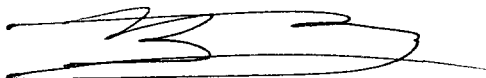
Re: Commercial Determination
James Ranch Unit Well No. 76
Delaware Formation
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Delaware Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please do not hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT # 76 FORMATIC DELAWARE

LOCATION E UNIT, 1900 FEET FROM NORTH LINE & 360 FEET FROM WEST LINE

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

SPUD DATE 9/29/96 COMPLETION DATE 12/4/96 INITIAL PRODUCTION 2/22/97

PERFORATIONS 7492, 94, 96, 98, 7500, 44, 46, 48, 50, 52, 54' & 7654, 56, 58, 59, 60

STIMULATION:

ACID 1500 GALS 15% HCL + 30 BS\

FRACTURE 33,000 GALS SPECTRA FRAC G-3000 + 77, 000# 16/30 BRADY SAND
+ 18,000# 16/30 SUPER LC RCS.

POTENTIAL 2/27/97 111 BO + 206 BW + 130 MCFG

(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	<u>40</u>		<u>40</u>	
Porosity (por), %	<u>12.0%</u>		<u>15.0%</u>	
Water saturation (Sw), %	<u>60%</u>		<u>63%</u>	
Net Thickness (h), ft.	<u>50</u>		<u>70</u>	
Temperature (T), Fahrenheit	<u>120</u>		<u>120</u>	
Bottom Hole pressure (P), psia	<u>3,319</u>		<u>3,160</u>	
Recovery factor (RF), %	<u>16%</u>		<u>10%</u>	
Recoverable oil, Bbls *(See eq. below)	<u>79,442</u>		<u>80,373</u>	

*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	11/30/99 ;	15,133	BBLs
	PRODUCING		BEHIND PIPE
INITIAL RATE (qi)	302		3,770
ECONOMIC LIMIT (ql)	60		60
DECLINE RATE, dy (Hyperbolic, n=.995)	21.07%		88.47%
REMAINING OIL (Q) =	16,367		68,000
ULTIMATE RECOVERABLE OIL	99,500		

(Attach plot showing proration unit and participating area.)

ECONOMIC

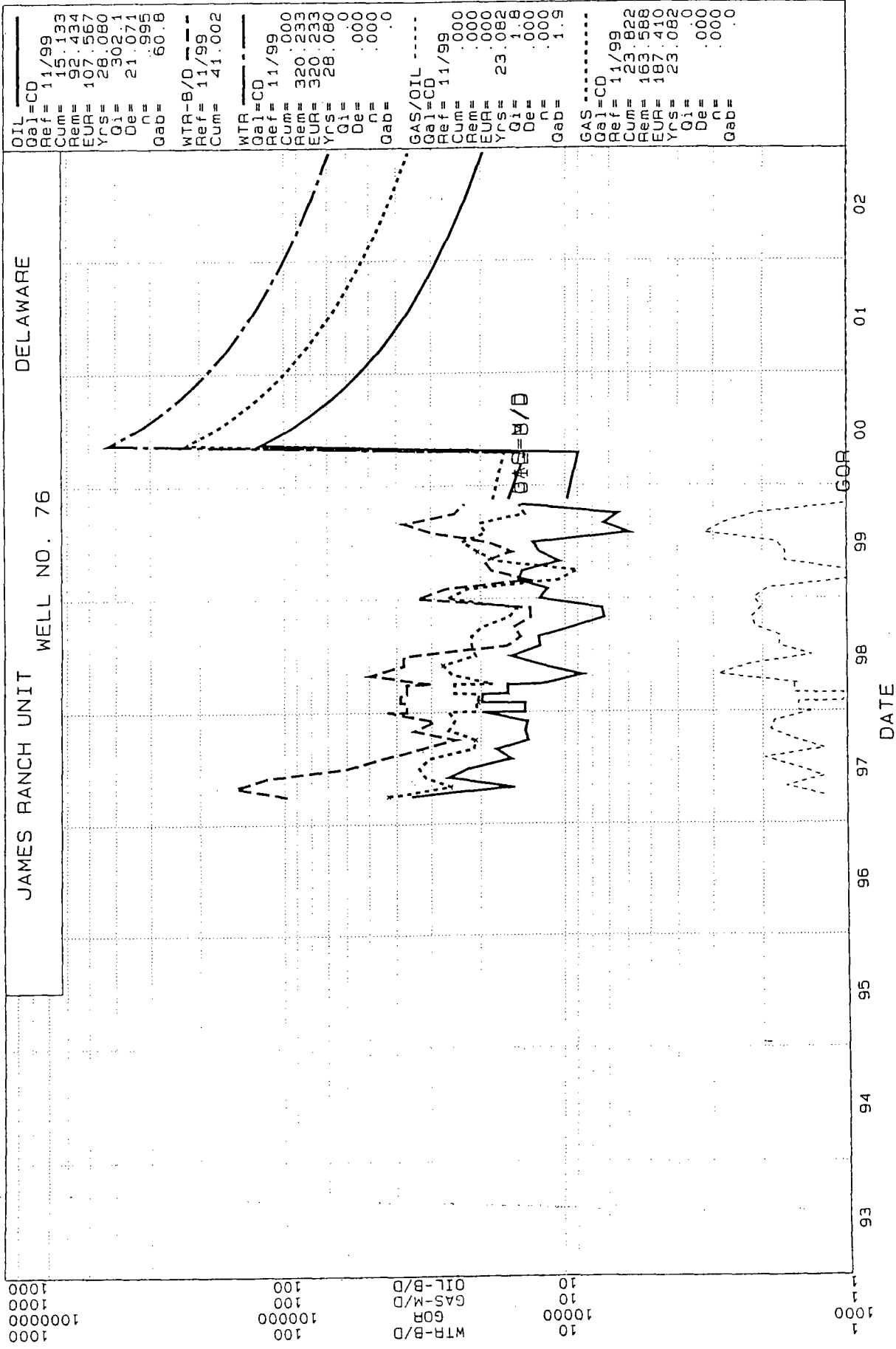
WELL COST \$ 570,000 (to the depth of formation completed)

RECOMPLETION COST \$ 65,000 (5/2000)

TOTAL COST \$ 635,000

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	0	0	0	-570,000
1	5,900	121,100	34,600	83,000
2	5,200	75,500	31,000	39,000
3	3,800	73,800	28,500	35,900
4	21,100	526,100	63,700	331,500
5	14,100	299,400	45,300	164,800
6	8,500	170,300	34,200	79,900
7	6,100	117,000	29,600	46,400
8	4,800	91,200	27,200	30,700
9	3,900	74,800	25,800	21,300
10	3,300	63,500	24,800	15,200
REMAINDER	22,700	431,800	284,700	40,100

WELL IS NOT COMMERCIAL



JRU #76 DELAWARE
PREPARED BY: KENT ADAMS

DATE : 02/08/00
TIME : 08:17:32
DBS FILE : JRUPA
SETUP FILE : CD
SEQ NUMBER : 51

ITEM	INPUT DATA			CALCULATED DATA				
	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
405 START	11/99							
410 OIL	302.14	X B/M	05/2000 AD	H/0.995	21.07			
415 "	4015.00	X B/M	07/2019 AD	H/0.995	88.47			
420 "	93.39	X B/M	7.61 IMU	EXP	5.00			
425 START	11/99							
430 GAS/OIL	1.84	1.89 M/B	12/2022 AD	LOG	TIME			
435 START	11/99							
440 WTR/OIL	1.62	X U/B	05/2000 AD	EXP	10.11			
445 "	3.50	3.50 U/B	TO LIFE	LIN	TIME			
450 START	03/97							
516 PRI/OIL	16.8800	X \$/B	1/95 MM/YY	PC	.00			
517 "	18.39	X \$/B	1/96 AD	PC	.00			
518 "	-22.26	X \$/B	1/97 AD	PC	.00			
519 "	20.74	X \$/B	1/98 AD	PC	.00			
520 "	14.43	X \$/B	1/99 AD	PC	.00			
521 "	19.25	X \$/B	1/2000 AD	PC	.00			
522 "	24.94	X \$/B	1/2001 AD	PC	.00			
523 "	20.67	X \$/B	1/2002 AD	PC	.00			
524 "	19.20	X \$/B	1/2003 AD	PC	.00			
525 "	18.18	X \$/B	1/2004 AD	PC	.00			
526 "	18.13	X \$/B	TO LIFE	PC	.00			
531 PRI/GAS	1.8900	X \$/M	1/95 MM/YY	PC	.00			
532 "	1.94	X \$/M	1/96 AD	PC	.00			
533 "	2.61	X \$/M	1/97 AD	PC	.00			
534 "	2.59	X \$/M	1/98 AD	PC	.00			
535 "	2.11	X \$/M	1/99 AD	PC	.00			
536 "	2.27	X \$/M	1/2000 AD	PC	.00			
537 "	2.60	X \$/M	1/2001 AD	PC	.00			
538 "	2.58	X \$/M	1/2002 AD	PC	.00			
539 "	2.57	X \$/M	TO LIFE	PC	.00			
544 PRI/WTR	.5000	.5000 \$/U	1/2000 AD	PC	.00			
545 "	.08	X \$/U	TO LIFE	PC	.00			
550 OPC/T	1600.00	X \$/M	TO LIFE	SCH	OPC			
555 STX/OIL	7.08	X \$	TO LIFE	PC	.00			
560 STX/GAS	7.93	X \$	TO LIFE	PC	.00			
665 ATX	.17	X \$	TO LIFE	PC	.00			
570 PRI/OIL	-.9100	-.9100 \$/B	TO LIFE	PC	.00			
575 PRI/GAS	-.1300	-.1300 \$/M	TO LIFE	PC	.00			
700 LSE/WI	100.0000	D \$	TO LIFE	FLAT	.00			

	701 OWN/WI	100.0000	D	%	TO	LIFE	FLAT	.00	11/27	1.000	1.000
720 LSE/RIC	12.5000	D	%	TO	LIFE	FLAT	.00	11/27	.125	.125	
721 OWN/RI	.0000	D	%	TO	LIFE	FLAT	.00	11/27			
740 LSE/RIG	12.5000	D	%	TO	LIFE	FLAT	.00	11/27	.125	.125	
760 LSE/ORR	.0000	D	%	TO	LIFE	FLAT	.00	11/27			
761 OWN/ORR	.0000	D	%	TO	LIFE	FLAT	.00	11/27			

OVERLAYS	SCHEDULING RATES	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
905 LOAD	P.OIL OIL #		15.561	2/00			
910 LOAD	P.GAS GAS #		24.260	2/00			
915 LOAD	P.WATER WTR #		41.002	2/00			

INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
800 DRILL	240.00 MSG	03/97 AD		570.000	3/97		570.0	570.0
801 WORKOVER	.00	5/2000 AD	PC	65.000	5/0		65.0	65.0
802 SALVAGE	-24.00	TO LIFE		-24.000	11/27		-24.0	-24.0

RESERVE PARAMETERS

ITEM	ITEM
201 LOSS NO	
205 CUMO, MB	15.13
210 LOSS NO	

PROJECT ASSUMPTIONS

BASE DATE	: 3/97	TIME FRAMES	: 1*10 38*12 1*600
P.W. DATE	: 3/97	PW #-AGE	: 10.0
REPORT DATE	: 3/97	PROD QUAL	: CD
		OWNER QUAL	: CD
		DISC. FREQUENCY	: 365.
		OTHER QUAL	: CD

DATE 02/08/00
TIME 08:17:32
DBS FILE JRU0A
SETUP FILE CD
SEQ NUMBER 51

AFTER TAX ECONOMIC

PERIOD ENDING	12/97	12/98	12/99	12/00	12/01	12/02	12/03	12/04	12/05	12/06	TOT	AFTER	TOTAL
TAX TREATMENT OF INVESTMENTS, M\$													
1) EXP, RISK & CAP INT	330.0	.0	.0	65.0	.0	.0	.0	.0	.0	.0	395.0	.0	395.0
2) DEPLETABLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3) DEPRECIABLE	240.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	240.0	.0	240.0
TAX CALCULATIONS, M\$													
4) GROSS REV. TO INTR.	121.1	75.3	73.8	526.4	299.4	470.2	54.0	51.2	74.8	615.5	1612.7	487.9	2041.5
5) SEVERANCE TAX	78.7	55.5	53.3	35.0	22.7	12.3	8.5	5.6	5.4	44.8	116.0	7.1	146.0
6) WPT TAX NET	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) OPR COSTS & ATX	25.9	23.2	25.4	25.4	23.6	21.9	2.1	20.7	20.4	20.2	228.2	232.1	181.7
8) NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9) OVERHEAD, S&M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10) EXPENSED INV.	330.0	.0	.0	65.0	.0	.0	.0	.0	.0	.0	395.0	.0	395.0
11) DEPRECIATION	28.6	54.7	44.8	32.0	22.3	21.1	2.1	14.3	.0	.0	210.0	.0	210.0
12) NET	-272.1	-10.1	5.5	365.4	-23.2	114.9	95.0	19.3	49.0	58.6	612.8	47.4	775.9
13) DEPLETION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14) INTEREST PD & CAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15) TAXABLE INTR	-272.1	-10.1	5.5	365.4	-23.2	114.9	95.0	19.3	49.0	58.6	612.8	47.4	775.9
16) TAX RATE	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
17) TAX CREDIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18) WPT REFUND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19) WPT TAX	-95.2	-3.6	-12.2	127.3	-60.9	-40.3	-23.0	-47.1	-37.7	-13.5	-221.5	-31.0	-272.0
20) REVENUE SEV-NPT	112.4	70.1	68.5	488.2	274.4	457.9	108.9	54.9	89.4	58.9	1196.0	400.3	1896.5
21) OPR COSTS & ATX	25.9	23.2	25.4	25.4	23.6	21.9	2.1	20.7	20.4	20.2	228.2	232.1	181.7
22) NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23) OVERHEAD, S&M	-95.2	-3.6	-12.2	127.3	-60.9	-40.3	-23.0	-47.1	-37.7	-13.5	-221.5	-31.0	-272.0
24) EXPENSED INV.	181.7	16.1	15.5	31.0	22.3	21.1	2.1	14.3	.0	.0	210.0	.0	210.0
25) DEPRECIATION	.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
27) NET INCOME	181.7	16.1	15.5	31.0	22.3	21.1	2.1	14.3	.0	.0	210.0	.0	210.0
28) INVESTMENTS & RSK	570.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29) TAX FET NET	-388.3	46.3	45.2	459.5	-75.2	-52.7	-23.9	-49.1	-34.0	-25.1	-122.5	-29.1	-93.0
PRESENT MONTH @ 10.00 %	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
30) NET INCOME	174.3	72.1	70.7	249.0	122.6	96.3	31.3	22.1	45.3	33.8	410.9	46.9	466.9
31) INVESTMENTS & RSK	570.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32) AFTER TAX NET	-395.7	12.1	15.7	192.5	-52.6	-38.4	-12.6	-24.8	-18.7	-11.3	-111.6	-12.1	-122.1
33) CUM. AFTER TAX NET	-395.7	-383.6	-367.9	-175.4	-122.8	-84.4	-71.8	-57.5	-48.8	-37.5	123.5	-72.1	152.0

3001529173

CU #76 DELAWARE
PREPARED BY: KENT ADAMS

DATE 02/08/00
TIME 08:17:32
DBS FILE JRUPA
SETUP FILE CD
SEQ NUMBER 51

ECONOMIC INDICATORS

AS OF DATE: 3/97

A.F.I.T. A.P.I.T.
WORTH BONUS
MS----- MS-----

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

0.	803.867	530.914	1816.190
2.	662.974	430.234	620.922
4.	489.870	306.839	1123.959
5.	440.289	271.512	1581.746
6.	440.289	271.512	1863.096
8.	350.982	207.841	1896.778
10.	272.850	152.709	1547.261
20.	-3.882	147.192	164.937
30.	-167.932	-167.776	267.747
40.	-272.035	-246.288	317.822
50.	-340.985	-299.915	333.546
60.	-438.140	-337.940	379.742
70.	-421.222	-365.790	399.312
80.	-444.984	-386.801	403.095
90.	-462.432	-403.095	411.540
100.	-475.524	-416.076	426.375

RATE OF RETURN, PCT 19.9
UNDISCOUNTED PAYOUT, YRS. 3.82
DISCOUNTED PAYOUT, YRS. 4.61
UNDISCOUNTED NET/INVEST 2032
DISCOUNTED NET/INVEST 2110

3001529173

3001529173

JAMES RANCH UNIT #76

2/9/00

ftKB	Cement (0.0-595.0)
1000	Bore Hole: 595.0 (Size: 14.750)
	Surf Csg (0.0-582.0)
	OD: 11.750, Wt: 42.00
2000	Cement (0.0-3724.0)
	Bore Hole: 3724.0 (Size: 11.000)
	Inter Csg (0.0-3724.0)
	OD: 8.625, Wt: 32.00
3000	Cement (3150.0-11250.0)
	Prod. Csg (0.0-11250.0)
	OD: 5.500, Wt: 17.00
4000	Bore Hole: 11250.0 (Size: 7.875)
5000	5920
6000	5200
7000	4500
7250	3400
7300	2800
7350	2300
7400	1800
7450	1300
7500	Actual Perfs: 7492, 84, 96, 98, 77500, 44, 46, 48, 50, 52, 54, 77654, 56, 58, 59, 60
7550	Perf (7492.0-7660.0)
7600	Bore Hole: 11250.0 (Size: 7.875)
7650	1000
7700	7200
7750	6800
7800	6000
7850	5500
7900	5000
7950	4500
8000	4000
8050	3500
8100	3000
8150	2500
8500	Bore Hole: 11250.0 (Size: 7.875)
9000	1000
9500	5000
10000	Perf (9805.0-9815.0)
10500	10000
10850	Bore Hole: 11250.0 (Size: 7.875)
10900	10000
10950	10000
11000	10000
11050	10000
11100	Perf (11122.0-11137.0)
11150	10000
11200	Cement Plug (11176.0-11250.0, OD: 4.892)
11250	TD: 11250.0
11300	10000
11350	10000
11400	10000
11450	10000

JAMES RANCH UNIT #76

API No	3001529173	Status	ACT OIL
TD	11250.0 ftKB	Engineer	GTJ
P8TD	11176.0 ftKB	Permit	
Operator	BEPCO	Spud	9/29/96
Well No	76	RR	10/15/96
ID Code		Completion	10/23/96
Field	LOS MEDANOS	Last Act	
Author	RAS	Abandoned	
Date Updated	1/9/97		
Comments	Drilled by Enron		

Location

Township	5023	Top Latitude	0
Range	E031	Top Longitude	0
Section	3	Top NS Distance	1900.0 ftN
Unit Ltr	E	Top EW Distance	360.0 ftW
State	NEW MEXICO	Bottom Latitude	0
County	EDDY	Bottom Longitude	0
		Bottom NS Distance	0.0 ft
		Bottom EW Distance	0.0 ft

Elevations

KB	3311.0 ft	Cas Flng	0.0 ft
Grd	3299.0 ft	Tub Head	0.0 ft
KB-Grd	12.0 ft		

Casing String - Surface Casing

Item	Top (ftKB)	Btm (ftKB)	Jnts	ID (in)	Wt (lb/ft)	Grd	Thd
1 1/4 in Surf Csg	0.0	582.0		11084	12.00	14-40	

Casing String - Intermediate Casing

Item	Top (ftKB)	Btm (ftKB)	Jnts	ID (in)	Wt (lb/ft)	Grd	Thd
8 5/8 in Inter Csg	0.0	3724.0		7921	32.00	J55	

Casing String - Production Casing

Item	Top (ftKB)	Btm (ftKB)	Jnts	ID (in)	Wt (lb/ft)	Grd	Thd
5 1/2 in Prod. Csg	0.0	11250.0		4892	17.00	95&P1	

Casing Cement

Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	310	
Intermediate Casing	0.0	375	
Production Casing	3150.0	860	TOC by Temp Sur

Tubing String - Primary Tubing

Item	Top (ftKB)	Btm (ftKB)	Jnts	ID (in)	Wt (lb/ft)	Grd	Thd
2 7/8 in Tbg	0.0	7371.0	234	2441	6.50	L-80	3rd
4 5/8 in Tbg	7371.0	7371.0		2875	0.00		
2 7/8 in Tbg	7371.0	10965.0	114	2441	6.50	L-80	3rd
2 7/8 in SN	10965.0	10966.0		0000	0.00		
2 7/8 in PS	10966.0	10970.0		0000	0.00		
2 7/8 in MA	10970.0	11005.0		2441	6.50	L-80	3rd

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

Date	Item	Int (ftKB)
10/15/96	Cement Plug	11176.0-11250.0

Perforations

Date	Int	Shots (ft)	Status
10/24/96	11122.0-11137.0	40	
11/22/96	9805.0-9815.0	40	
12/4/96	7492.0-7660.0	0.5	

Stimulations & Treatments

Date	Type	Interval	Fluid	Sand	Comments
10/26/96	Sand Frac	11122.0-11137.0			
2/18/96	Sand Frac	9805.0-9815.0			
2/20/97	Sand Frac	7492.0-7660.0			

WELL HISTORY

James Ranch Unit #76

Page 2 of 2

WELL NAME: JAMES RANCH UNIT #76

FIELD NAME: LOS MEDANOS

LOCATION: 1900' FNL & 360' FWL, Sec. 6, T23S, R31E, Unit E
Eddy County, New Mexico

ELEV: 3299' GL, 3311' KB

SPUD DATE: 9/29/96, RR 10/15/96

COMP DATE: 10/23/96

ORIG TD: 11,250'

ORIG PBTD: 11,176'

CASING: 11 3/4", H-40, 42#, CSA 582', cmt. w/310 sxs, cmt. circ. 14 1/2" hole 0-595'
8 5/8", J-55, 32#, CSA 3724, cmt. w/975 sxs, cmt. circ. 11" hole 595-3727'
5 1/2", CF95 & P-110, 17#, CSA 11,250', cmt. w/1360 sxs, TOC 3150' by camp sur
7 7/8" hole 3724-11,250'.

TUBING: 2 7/8", L-80, 6.5#, 8rd

DST: None

CORES & LOGS: DIGL-GR 10/13/96 3700-11,239'
SDL-DSN 10/13/96 200-11,239'

INITIAL COMPLETION

10/24/96 TO 10-25/96 PERF & FRAC 11,122-11,137' (WOLFCAMP)

Ran correlation log, tagged PBTD @ 11,176'.

10/24/96 Perf 11,122-11,137' w/4 USPF-0° phased. Frac 11,122-11,137' w/51,000 gals. Medallion frac 3000 w/151,000#, 16/30 Ac-Frac Black sand. Flowed well. Turn to battery.
IP: 10/29/96 F 81 BO, 162 MCF, 27 BW on 16/64" ck.

WORKOVER:

11/20/96 TO 12/19/96 PERF & FRAC 9805-15' (SECOND BONE SPRING) 3 PERF 7492-7660' (OA) (DELAWARE).

Ran flowing BHP. Set CIPB @ 10,000'. Ran CCL-CBL.

11/22/96 Perf 9805-15' w/4 JSPF, 90° phased (Second Bone Spring) Acidized 9805-15' w/1500 gals FE acid + 460 BS. Pumped @ 4.2 BPM w/3600 psig. Balled out @ 6300 psig. ATP 3800# @ 5 BPM. ISIP 2600 psig, 5 min 2600 psig, 10 min 2610 psig, 15 min 2625 psig. Flowed & swabbed well. CIBP leaking. Kill well, set 2nd CIBP @ 9994' w/10' cmt on top. Swab well..

12/4/96 Set CIPB @ 7800'. Perf 7492, 94, 96, 98, 7500, 44, 46, 48, 50, 52, 54, 7654, 56, 58, 59, 60' w/1JSPF (Delaware). Acidized same w/1500 gals 15% HCL + 30 BS. Balled off @ 5400 psig. Flowed back well. DO CIPB @ 7800', TIH to 9930'. Set Baker pkr @ 9621'. Frac 9805-15' w/9,000 gals Spectra Frac G-4000 + 57,000# 20/40 Ottawa sand. Flow back well, turned to battery.

AWO: 12/22/96 F 22 BO, 52 MCF, 6 BLW.

Well History
James Ranch Unit #76
Page 2 of 2

WORKOVER

1/14/97 to 1/17/97
Rel. Pkr @ 9621'. Ran rods & pump, set PU. Placed well on pump.

2/18/97 to 2/22/97
FRAC 7492-7660' (DELAWARE)
Set CIPB @ 8000'. 7/10' cmt on top. Frac 7492-7660' 7/33,000 gals
Spectra Frac G-3000' 7/7,000' 16/30 Brady sand 7/18,000' 16/30
Super LC RCS. Swabbed & flowed well back. Tagged sand fill @
7778' KB (Delaware perf @ 7492-7660'). Ran rods & pump, placed
well on production.
AWO: 3/10/97 58 BO, 30 MCF, 9' BW

4/10/97 to 4/16/97 DO CIPB's & COMMINGLES AML ZONES
DO CIPB @ 8,000'. DO CIPB @ 999'. 10,000' Well flowing. Well came
gas, would not die. CO to 2BTD @ 11,175'. Kill well 7/50 lbs
produced wtr. Run tbg, rods & pump. Placed well on prod.
AWO: 4/19/97 53 BO, 98 MCF, 100 BW

DISTRICT I
P. O. Box 1920
Hobbs, NM 88241-1920

DISTRICT II
P. O. Drawer 00
Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form 2-102
Revised 02-10-83

Instructions on back

Submit to the District Office
State Office - 4 copies
Fee - \$5.00

OIL CONSERVATION DIVISION

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

WELL LOCATION REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code 50470	3 Pool Name	4
	40295 & 96336	Quahada Ridge (Delaware), (Bone Spring) & South Los Medanos (Holicamp)	LOS MEDANOS
5 Property Code	6 Property Name	7 Well Number	8 Elevation
	JAMES RANCH UNIT	76	3298'
9 OGRID No. 7377	10 Operator Name	11	
	ENRON OIL & GAS COMPANY		

SURFACE LOCATION

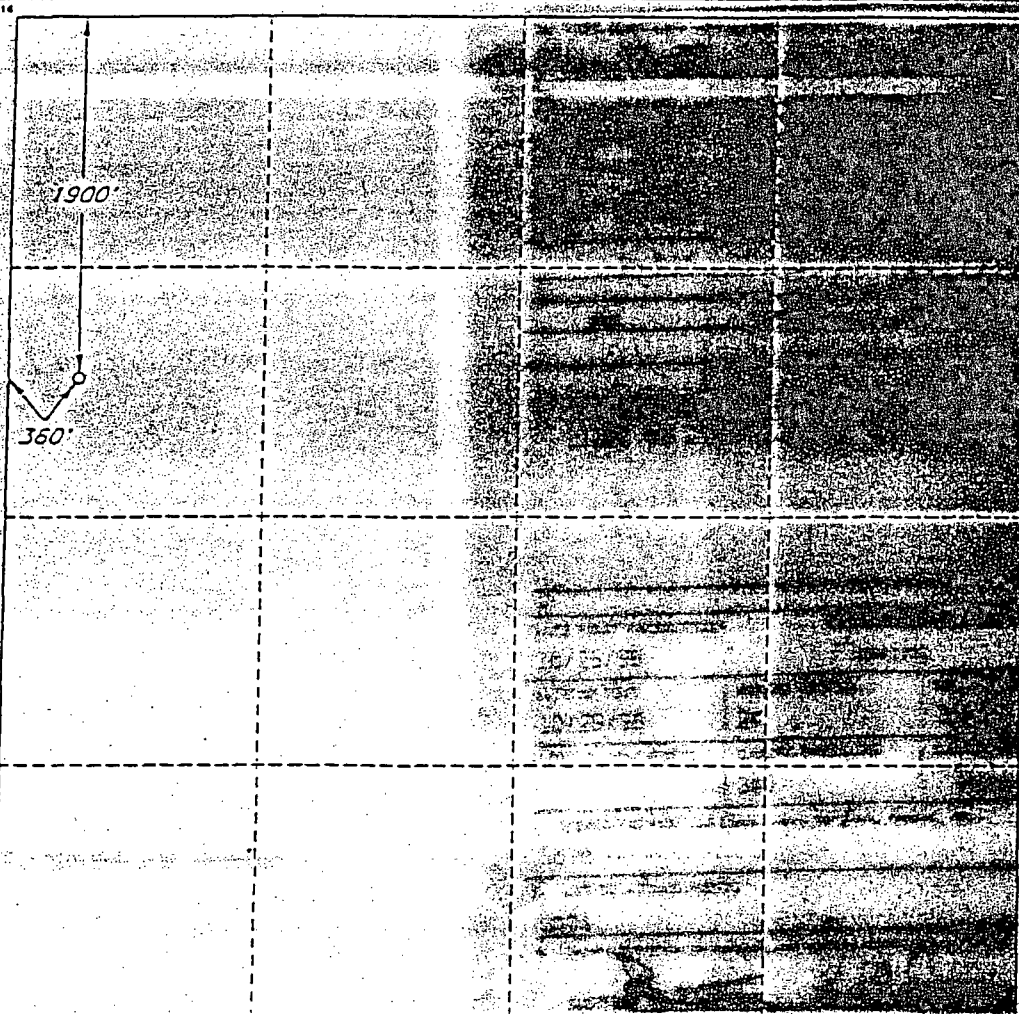
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	City/County
E	6	23 SOUTH	31 EAST, N.M.P.M.		1900'	NORTH	360'	TEST ADDY

BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	City/County

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
-----------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WELL 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 that the information contained herein is true and correct to the best of my knowledge and belief.

Signature: [Signature]
Name: [Name]

Title: [Title]

Regulatory Analysis: [Text]

Date: [Date]

16

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.

Date of Survey: JULY 1, 1998

Signature: [Signature]
Professional Seal: [Seal]

Professional Seal: [Seal]

Professional Seal: [Seal]

Professional Seal: [Seal]

Professional Seal: [Seal]

Professional Seal: [Seal]

Professional Seal: [Seal]

Form 3150-2
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
ONLY NO. 104057
Expires January 23, 1995

WELL DESIGNATION AND SERIAL NO.

NH 022870

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL NEW ☒ REPAIR ☐ OTHER ☐		2. TYPE OF COMPLETION NEW ☒ REPAIR ☐ OTHER ☐		3. NAME OF OPERATOR Enron Oil & Gas Company		4. ADDRESS AND TELEPHONE P.O. Box 2257, Midland, TX 79702		5. PHONE NO. 915/685-3714		6. WELL NO. 30,015,29173	
7. LOCATION OF WELL At surface 1900' FHL & 350' FHL		8. TEMP. OF FLOW OR WELLS South Los Medanos (40) Camp		9. SECTION, TOWNSHIP, RANGE Sec 3, T28S, R34E		10. COUNTY OR JURIS. Eddy		11. STATE New Mexico		12. DATE ISSUED 9/9/96	
13. DATE SPED 9/29/96		14. DATE RECEIVED 10/22/96		15. DATE COMPLETED 10/23/96		16. ELEVATION OF FLOW AT 32" DIA. 3299' GR		17. ELEV. GROUND HEAD 3299		18. TOTAL DEPTH, SO & TVD 11250	
19. PRODUCING INTERVALS OF THIS WELL 11122 - 11137 (Wellbore)		20. MULTIPLE COMPLETIONS NO		21. INTERVALS DRILLED BY None		22. TOTAL TOOLS 4		23. CABLE TOOLS None		24. DIRECTIONAL None	
25. TYPE ELECTRIC AND OTHER LOGS RUN OIL, SOL, DEN		26. WAS WELL CURED No		27. CASING RECORD None		28. TUBING RECORD None		29. PACKER RECORD None		30. PERFORATION RECORD 11122 to 11137 (25' - 30')	
31. DATE FIRST PRODUCTION 10/25/96		32. METHOD (Flowing, Self, Pumping, etc. and type of pump) Flowing		33. WELL STATUS (Producing or Shut-in) Producing		34. DATE OF TEST 10/29/96		35. CHOKER SIZE 15/64"		36. PROD. FOR TEST PERIOD 81	
37. FLOW, TUBING PRESS. 340		38. CALCULATED 24-HOUR RATE 340		39. OIL GRAVITY (API CORST) 38.5		40. GAS PROPS. 162		41. WATER PROPS. 27		42. GAS/OIL RATIO 162	
43. DISPOSITION OF CAS (Sole, used for fuel, wood, etc.) Sole		44. TEST WITNESSED BY None		45. LIST OF ATTACHMENTS LOGS		46. SIGNATURE Regulatory Analyst		47. DATE 11/14/96		48. (See Instructions and Spaces for Additional Data on Reverse Side)	

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL JAMES RANCH UNIT #76 FORMATION BONE SPRING

LOCATION E UNIT, 1900 FEET FROM NORTH LINE & 360 FEET FROM WEST LINE

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

SPUD DATE 9/29/96 COMPLETION DATE 11/25/96 INITIAL PRODUCTION 12/19/96

PERFORATIONS 9805-15'

STIMULATION:

ACID 9805-15', 1500 GALS FE ACID + 60 BS

FRACTURE 9805-15' 9,000 GALS SPECTRA FRAC + 57,000# 20/40 OTTAWA SAND

POTENTIAL 2-2-97 14 BOPD, 7 BWPD, 42 MCFPD

(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	<u>40</u>	
Porosity (por), %	<u>12.0%</u>	
Water saturation (Sw), %	<u>50%</u>	
Net Thickness (h), ft.	<u>7</u>	
Temperature (T), Fahrenheit	<u>170</u>	
Bottom Hole pressure (P), psia	<u>5,297</u>	
Recovery factor (RF), %	<u>17%</u>	
Recoverable oil, Bbls *(See eq. below)	<u>15,826</u>	

WELL IS **COMMERCIAL**

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (1/Bol) (RF)$

Bol = 1.40

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO DATE 11/1/99 7332 BBLS

INITIAL RATE (q_i) 135

ECONOMIC LIMIT (q_e) 30

DECLINE RATE, d_y Hyperbolic d = 21.08% n = .98

REMAINING OIL (Q) = 5368

ULTIMATE RECOVERABLE OIL 2700

(Attach plot showing proration unit and participating areas)

ECONOMIC

WELL COST \$ 825,000 (to the depth of formation completed)

RECOMPLETION COST \$

TOTAL COST \$ 825,000

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BIT DISCOUNTED CASH FLOW
ZERO	0	0	0	825,000
1	300	8,100	1,800	6,300
2	2,900	71,400	19,600	48,900
3	2,300	42,200	17,500	21,200
4	1,700	40,500	17,400	17,900
5	1,400	40,200	17,300	16,000
6	1,200	28,300	16,400	7,500
7	1,000	22,900	16,000	3,900
8	900	19,200	15,700	1,800
9	800	16,900	15,500	9700
10	200	5,200	5,200	5,7600
REMAINDER				

WELL IS NOT COMMERCIAL IS NOT COMMERCIAL

JAMES RANCH # 76 BONE SPRING

DATE 02/07/00
TIME 13:43:52
DBS FILE JRUFA
SETUP FILE CD
SEQ NUMBER 49

INPUT DATA				CALCULATED DATA			
ITEM	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST EFF	DECL INIT	RATE/FINAL RATE
405 START	11/99						
410 OIL	134.56	X	B/M	10.11 IMU	H/O 980	21.08	17.440
415 GAS/OIL	3.32	3.32	M/B	01/2097 AD			
420 WTR	40.62	X	B/M	10.11 IMU	H/O 980	21.08	17.440
425 START	12/96						
516 PRI/OIL	16.8800	X	S/B	1/95	MM/Y	PC	16.8800
517 "	18.39	X	S/B	1/96	AD	PC	18.3900
518 "	22.26	X	S/B	1/97	AD	PC	22.2600
519 "	20.74	X	S/B	1/98	AD	PC	20.7400
520 "	14.43	X	S/B	1/99	AD	PC	14.4300
521 "	19.25	X	S/B	1/2000	AD	PC	19.2500
522 "	24.94	X	S/B	1/2001	AD	PC	24.9400
523 "	20.67	X	S/B	1/2002	AD	PC	20.6700
524 "	19.20	X	S/B	1/2003	AD	PC	19.2000
525 "	18.18	X	S/B	1/2004	AD	PC	18.1800
526 "	18.13	X	S/B	1/2005	AD	PC	18.1300
527 "	16.25	X	S/B	1/2006	AD	PC	16.2500
528 PRI/GAS	1.8900	X	S/M	1/95	MM/Y	PC	1.8900
529 "	1.94	X	S/M	1/96	AD	PC	1.9400
530 "	2.61	X	S/M	1/97	AD	PC	2.6100
531 "	2.59	X	S/M	1/98	AD	PC	2.5900
532 "	2.11	X	S/M	1/99	AD	PC	2.1100
533 "	2.27	X	S/M	1/2000	AD	PC	2.2700
534 "	2.60	X	S/M	1/2001	AD	PC	2.6000
535 "	2.58	X	S/M	1/2002	AD	PC	2.5800
536 "	12.57	X	S/M	1/2003	AD	PC	12.5700
537 "	1190.00	X	S/M	1/2004	AD	PC	1190.0000
538 "	7.08	X	S/M	1/2005	AD	PC	7.0800
539 "	7.93	X	S/M	1/2006	AD	PC	7.9300
540 STX/OIL	1.17	X	S/M	1/95	MM/Y	PC	1.1700
541 STX/OIL	1.17	X	S/M	1/96	AD	PC	1.1700
542 STX/OIL	1.17	X	S/M	1/97	AD	PC	1.1700
543 STX/OIL	1.17	X	S/M	1/98	AD	PC	1.1700
544 STX/OIL	1.17	X	S/M	1/99	AD	PC	1.1700
545 STX/OIL	1.17	X	S/M	1/2000	AD	PC	1.1700
546 STX/OIL	1.17	X	S/M	1/2001	AD	PC	1.1700
547 STX/OIL	1.17	X	S/M	1/2002	AD	PC	1.1700
548 STX/OIL	1.17	X	S/M	1/2003	AD	PC	1.1700
549 STX/OIL	1.17	X	S/M	1/2004	AD	PC	1.1700
550 STX/OIL	1.17	X	S/M	1/2005	AD	PC	1.1700
551 STX/OIL	1.17	X	S/M	1/2006	AD	PC	1.1700
552 STX/OIL	1.17	X	S/M	1/2007	AD	PC	1.1700
553 STX/OIL	1.17	X	S/M	1/2008	AD	PC	1.1700
554 STX/OIL	1.17	X	S/M	1/2009	AD	PC	1.1700
555 STX/OIL	1.17	X	S/M	1/2010	AD	PC	1.1700
556 STX/OIL	1.17	X	S/M	1/2011	AD	PC	1.1700
557 STX/OIL	1.17	X	S/M	1/2012	AD	PC	1.1700
558 STX/OIL	1.17	X	S/M	1/2013	AD	PC	1.1700
559 STX/OIL	1.17	X	S/M	1/2014	AD	PC	1.1700
560 STX/OIL	1.17	X	S/M	1/2015	AD	PC	1.1700
561 STX/OIL	1.17	X	S/M	1/2016	AD	PC	1.1700
562 STX/OIL	1.17	X	S/M	1/2017	AD	PC	1.1700
563 STX/OIL	1.17	X	S/M	1/2018	AD	PC	1.1700
564 STX/OIL	1.17	X	S/M	1/2019	AD	PC	1.1700
565 STX/OIL	1.17	X	S/M	1/2020	AD	PC	1.1700
566 STX/OIL	1.17	X	S/M	1/2021	AD	PC	1.1700
567 STX/OIL	1.17	X	S/M	1/2022	AD	PC	1.1700
568 STX/OIL	1.17	X	S/M	1/2023	AD	PC	1.1700
569 STX/OIL	1.17	X	S/M	1/2024	AD	PC	1.1700
570 STX/OIL	1.17	X	S/M	1/2025	AD	PC	1.1700
571 STX/OIL	1.17	X	S/M	1/2026	AD	PC	1.1700
572 STX/OIL	1.17	X	S/M	1/2027	AD	PC	1.1700
573 STX/OIL	1.17	X	S/M	1/2028	AD	PC	1.1700
574 STX/OIL	1.17	X	S/M	1/2029	AD	PC	1.1700
575 STX/OIL	1.17	X	S/M	1/2030	AD	PC	1.1700
576 STX/OIL	1.17	X	S/M	1/2031	AD	PC	1.1700
577 STX/OIL	1.17	X	S/M	1/2032	AD	PC	1.1700
578 STX/OIL	1.17	X	S/M	1/2033	AD	PC	1.1700
579 STX/OIL	1.17	X	S/M	1/2034	AD	PC	1.1700
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581 STX/OIL	1.17	X	S/M	1/2036	AD	PC	1.1700
582 STX/OIL	1.17	X	S/M	1/2037	AD	PC	1.1700
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584 STX/OIL	1.17	X	S/M	1/2039	AD	PC	1.1700
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586 STX/OIL	1.17	X	S/M	1/2041	AD	PC	1.1700
587 STX/OIL	1.17	X	S/M	1/2042	AD	PC	1.1700
588 STX/OIL	1.17	X	S/M	1/2043	AD	PC	1.1700
589 STX/OIL	1.17	X	S/M	1/2044	AD	PC	1.1700
590 STX/OIL	1.17	X	S/M	1/2045	AD	PC	1.1700
591 STX/OIL	1.17	X	S/M	1/2046	AD	PC	1.1700
592 STX/OIL	1.17	X	S/M	1/2047	AD	PC	1.1700
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595 STX/OIL	1.17	X	S/M	1/2050	AD	PC	1.1700
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612 STX/OIL	1.17	X	S/M	1/2067	AD	PC	1.1700
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614 STX/OIL	1.17	X	S/M	1/2069	AD	PC	1.1700
615 STX/OIL	1.17	X	S/M	1/2070	AD	PC	1.1700
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618 STX/OIL	1.17	X	S/M	1/2073	AD	PC	1.1700
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620 STX/OIL	1.17	X	S/M	1/2075	AD	PC	1.1700
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622 STX/OIL	1.17	X	S/M	1/2077	AD	PC	1.1700
623 STX/OIL	1.17	X	S/M	1/2078	AD	PC	1.1700
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625 STX/OIL	1.17	X	S/M	1/2080	AD	PC	1.1700
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627 STX/OIL	1.17	X	S/M	1/2082	AD	PC	1.1700
628 STX/OIL	1.17	X	S/M	1/2083	AD	PC	1.1700
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631 STX/OIL	1.17	X	S/M	1/2086	AD	PC	1.1700
632 STX/OIL	1.17	X	S/M	1/2087	AD	PC	1.1700
633 STX/OIL	1.17	X	S/M	1/2088	AD	PC	1.1700
634 STX/OIL	1.17	X	S/M	1/2089	AD	PC	1.1700
635 STX/OIL	1.17	X	S/M	1/2090	AD	PC	1.1700
636 STX/OIL	1.17	X	S/M	1/2091	AD	PC	1.1700
637 STX/OIL	1.17	X	S/M	1/2092	AD	PC	1.1700
638 STX/OIL	1.17	X	S/M	1/2093	AD	PC	1.1700
639 STX/OIL	1.17	X	S/M	1/2094	AD	PC	1.1700
640 STX/OIL	1.17	X	S/M	1/2095	AD	PC	1.1700
641 STX/OIL	1.17	X	S/M	1/2096	AD	PC	1.1700
642 STX/OIL	1.17	X	S/M	1/2097	AD	PC	1.1700
643 STX/OIL	1.17	X	S/M	1/2098	AD	PC	1.1700
644 STX/OIL	1.17	X	S/M	1/2099	AD	PC	1.1700
645 STX/OIL	1.17	X	S/M	1/2100	AD	PC	1.1700
646 STX/OIL	1.17	X	S/M	1/2101	AD	PC	1.1700
647 STX/OIL	1.17	X	S/M	1/2102	AD	PC	1.1700
648 STX/OIL	1.17	X	S/M	1/2103	AD	PC	1.1700
649 STX/OIL	1.17	X	S/M	1/2104	AD	PC	1.1700
650 STX/OIL	1.17	X	S/M	1/2105	AD	PC	1.1700
651 STX/OIL	1.17	X	S/M	1/2106	AD	PC	1.1700
652 STX/OIL	1.17	X	S/M	1/2107	AD	PC	1.1700
653 STX/OIL	1.17	X	S/M	1/2108	AD	PC	1.1700
654 STX/OIL	1.17	X	S/M	1/2109	AD	PC	1.1700
655 STX/OIL	1.17	X	S/M	1/2110	AD	PC	1.1700
656 STX/OIL	1.17	X	S/M	1/2111	AD	PC	1.1700
657 STX/OIL	1.17	X	S/M	1/2112	AD	PC	1.1700
658 STX/OIL	1.17	X	S/M	1/2113	AD	PC	1.1700
659 STX/OIL	1.17	X	S/M	1/2114	AD	PC	1.1700
660 STX/OIL	1.17	X	S/M	1/2115	AD	PC	1.1700
661 STX/OIL	1.17	X	S/M	1/2116	AD	PC	1.1700
662 STX/OIL	1.17	X	S/M	1/2117	AD	PC	1.1700
663 STX/OIL	1.17	X	S/M	1/2118	AD	PC	1.1700
664 STX/OIL	1.17	X	S/M	1/2119	AD	PC	1.1700
665 STX/OIL	1.17	X	S/M	1/2120	AD	PC	1.1700
666 STX/OIL	1.17	X	S/M	1/2121	AD	PC	1.1700
667 STX/OIL	1.17	X	S/M	1/2122	AD	PC	1.1700
668 STX/OIL	1.17	X	S/M	1/2123	AD	PC	1.1700
669 STX/OIL	1.17	X	S/M	1/2124	AD	PC	1.1700
670 STX/OIL	1.17	X	S/M	1/2125	AD	PC	1.1700
671 STX/OIL	1.17	X	S/M	1/2126	AD	PC	1.1700
672 STX/OIL	1.17	X	S/M	1/2127	AD	PC	1.1700
673 STX/OIL	1.17	X	S/M	1/2128	AD	PC	1.1700
674 STX/OIL	1.17	X	S/M	1/2129	AD	PC	1.1700
675 STX/OIL	1.17	X	S/M	1/2130	AD	PC	1.1700
676 STX/OIL	1.17	X	S/M	1/2131	AD	PC	1.1700
677 STX/OIL	1.17	X	S/M	1/2132	AD	PC	1.1700
678 STX/OIL	1.17	X	S/M	1/2133	AD	PC	1.1700
679 STX/OIL	1.17	X	S/M	1/2134	AD	PC	1.1700
680 STX/OIL							

OVERLAYS	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST EFF. DECL. INIT. RATE FINAL RATE
905 LOAD	P.OIL OIL #			7.522	2/00
910 LOAD	P.GAS GAS #			27.297	2/00
915 LOAD	P.WATER WTR #			2.748	2/00

INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH RISK INV. TOT. T&I ESC. T&I
800 DRILL	330.00	12/96	AD	825.000	12/96
801 SALVAGE	-33.00	TO LIFE		-33.000	5/14

RESERVE PARAMETERS	ITEM
201 LOSS	NO
205 CUMO, MB	7.33
	CUM, MMF
	26.83
	CUM, MB

PROJECT ASSUMPTIONS

BASE DATE : 12/96
 P.W. DATE : 12/96
 REPORT DATE : 12/96
 TIME FRAMES : 1*1 38*12 1*600
 PW & AGE : 10.0
 DISC. FREQUENCY : 365.
 PROD QUAL : CD
 OWNER QUAL : CD
 OTHER QUAL : CD

ENDS HERE

PROJECT SUMMARY

PARAMETERS

1. PROJECT COSTS

2. INVESTMENT

3. DEPRECIATION

4. TAXES

5. OIL REVENUE

6. GAS REVENUE

7. WATER REVENUE

8. OTHER REVENUE

9. TOTAL REVENUE

10. NET PRESENT VALUE

11. IRR

JAMES RANCH # 76 BONE SPRING

DATE 02/07/00
TIME 13:43:52
DBS FILE JURUPA
SETUP FILE CD
SEQ NUMBER 49

RESERVE AND ECONOMIC C									
EFFECTIVE DATE 12/95									
PERIOD ENDING	12/96	12/97	12/98	12/99	12/00	12/01	12/02	12/03	8.4 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, %	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
4) EQUITY INVESTMENTS	825.0	.0	.0	.0	.0	.0	.0	.0	.0
5) RISK	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) TOTAL	825.0	.0	.0	.0	.0	.0	.0	.0	.0
OIL PHASE									
8) GROSS OIL, MB	943	2.9	187	243	108	177	134	112	1287
9) NET OIL, MB	543	2.5	87	230	91	135	117	110	1121
10) OIL REVENUE, M\$	6.0	50.5	27.4	273	106	200	158	130	205.1
11) OIL PRICE, \$/B	21.35	19.83	13.52	18.34	24.03	19.87	18.29	17.27	17.22
15) GAS PRICE, \$/MCF	2.480	2.460	1.980	2.110	2.470	2.150	2.110	2.110	2.115
GAS PHASE									
12) GROSS GAS, MMF	1.0	9.7	6.5	17	17	335	513	215	411
13) NET GAS, MMF	8.9	8.5	6.5	17	17	335	513	215	411
14) GAS REVENUE, M\$	2.1	20.9	14.9	1313	1012	183	160	63	177
15) GAS PRICE, \$/MCF	2.480	2.460	1.980	2.110	2.470	2.150	2.110	2.110	2.115
WATER PHASE									
16) GROSS WATER, MB	6.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
17) NET WATER, MB	42	1913	11.3	11.3	11.3	11.3	11.3	11.3	11.3
18) WATER PRICE, \$/B	.000	.000	.000	.000	.000	.000	.000	.000	.000
ECONOMICS, M\$									
19) GROSS REV. TO INTR.	1.0	9.7	6.5	17	17	335	513	215	411
20) SEV. TAX, %	8.1	71.4	42.1	1015	1025	283	32	103	295.0
21) SEV. TAX, %	2.6	25.2	13.1	310	219	120	1	1	216
22) SEV. TAX, %	4.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
23) OPERATING COSTS	1.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
24) SEV. TAX, %	.0	.0	.0	.0	.0	.0	.0	.0	.0
25) CAPITAL REPAYMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
26) INTEREST PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0
27) UNPAID	.0	.0	.0	.0	.0	.0	.0	.0	.0
28) NET INCOME	603	51.8	249	242	229	119	159	134	15217
29) INVESTMENTS & RSK	825.0	.0	.0	.0	.0	.0	.0	.0	.0
30) NET INCOME	-818.7	51.8	249	242	229	119	159	134	15217
PRESENT WORTH @ 10.00%									
31) NET INCOME	6.3	48.9	21.2	24	16.0	7.3	9.9	4.3	124.2
32) INVESTMENTS & RSK	825.0	.0	.0	.0	.0	.0	.0	.0	.0
33) NET INCOME	-818.7	48.9	21.2	24	16.0	7.3	9.9	4.3	124.2
34) CUM. NET INCOME	-818.7	769.8	748.0	730.3	714.3	707.1	705.1	702.1	686.5

DATE 02/07/00
TIME 13:43:52
DBS FILE : JRUAPA
SETUP FILE : CD
SEQ NUMBER : 49

AFTER TAX ECONOMICS

EFFECTIVE DATE: 12/96

PERIOD ENDING	12/96	12/97	12/98	12/99	12/00	12/01	12/02	12/03	12/04	12/05	8.4 YR TOTAL
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TAX TREATMENT OF INVESTMENTS, M\$

1) EXP. RISK & CAP INT	495.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	495.0
2) DEPLETABLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3) DEPRECIABLE	330.0	.0	.0	.0	.0	.0	.0	.0	.0	-33.0	297.0

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	8.1	71.4	42.2	40.5	40.12	28.3	22.5	19.2	16.9	5.2	295.0
5) - SEVERANCE TAX	.6	5.2	3.1	3.0	2.9	2.1	1.8	1.4	1.2	.4	21.6
6) - WPT TAX NET	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) - OPR. COSTS & ATX	1.2	14.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3	4.8	120.7
8) - NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9) - OVERHEAD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10) - EXPENSED INV.	495.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	495.0
11) - DEPRECIATION	3.9	49.9	78.9	56.7	40.2	29.5	29.5	29.5	12.3	.0	330.0
12) - NET	-492.6	1.9	54.1	23.7	17.3	17.6	22.6	26.0	-10.9	1	-672.3
13) - DEPLETION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14) - INTEREST PD & CAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15) - TAXABLE	-492.6	1.9	54.1	23.7	17.3	17.6	22.6	26.0	-10.9	1	-672.3
16) - TAX RATE, %	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
17) - TAX CREDIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18) - WPT REFUND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19) - F.I.T.	-172.4	6.6	-18.9	-11.6	-6.1	-6.1	-7.9	-9.7	-3.8	.0	-235.3
20) REVENUE-SEV-WPT	7.5	66.2	39.1	37.6	37.3	26.2	24.2	17.7	15.7	4.9	273.3
21) - OPR. COSTS & ATX	1.2	14.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3	4.8	120.7
22) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23) - F.I.T.	-172.4	6.6	-18.9	-11.6	-6.1	-6.1	-7.9	-9.7	-3.8	.0	-235.3
24) - A.P.I.T.	178.7	51.1	43.7	43.7	43.7	43.7	43.7	43.7	5.2	21	388.0
25) - LOAN REPAYMENT	.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
27) - NET INCOME	178.7	51.1	43.7	43.7	43.7	43.7	43.7	43.7	5.2	21	388.0
28) - INVESTMENTS & RSK	825.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0
29) - A.P.I.T. NET	-646.3	51.1	43.7	43.7	43.7	43.7	43.7	43.7	5.2	21	388.0

PRESENT WORTH @ 10.00 %

30) NET INCOME	178.7	51.1	43.7	43.7	43.7	43.7	43.7	43.7	5.2	21	388.0
31) INVESTMENTS & RISK	-647.0	48.3	37.3	36.9	36.9	36.9	36.9	36.9	5.2	21	388.0
32) A.P.I.T. NET	-647.0	48.3	37.3	36.9	36.9	36.9	36.9	36.9	5.2	21	388.0
33) CUM. A.P.I.T. NET	-647.0	598.8	551.1	514.5	477.8	441.1	404.4	367.7	331.0	294.3	171.1

JAMES RANCH # 76 BONE SPRING

DATE : 02/07/00
TIME : 13:43:52
DBS FILE : JRUPA
SETUP FILE : CD
SEQ NUMBER : 49

ECONOMIC INDICATORS

AS OF DATE: 12/96

B.F.I.T. A.F.I.T.
WORTH WORTH
MS----- MS-----
B.F.I.T. A.F.I.T.
WORTH WORTH
MS----- MS-----

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

0.	-539.333	-404.016	621.563
2.	-650.927	-420.369	626.860
5.	-666.061	-445.853	631.989
6.	-670.581	-448.302	634.654
8.	-678.933	-460.263	637.537
10.	-686.465	-471.094	639.627
PRESENT WORTH	-714.918	-512.452	647.283
RATE-OF-RETURN	-733.417	-539.706	650.849
40.	-746.280	-558.795	652.965
50.	-755.739	-572.882	654.473
60.	-763.011	-583.733	655.696
70.	-768.797	-592.385	656.763
80.	-773.526	-599.177	657.731
90.	-777.473	-605.423	658.630
100.	-780.824	-610.500	659.477

RATE OF RETURN, PCT.

UNDISCOUNTED PAYOUT, YRS.

DISCOUNTED PAYOUT, YRS.

UNDISCOUNTED NET/INVEST.

DISCOUNTED NET/INVEST.

UNDISCOUNTED NET/INVEST.

DISCOUNTED NET/INVEST.

UNDISCOUNTED NET/INVEST.

DISCOUNTED NET/INVEST.

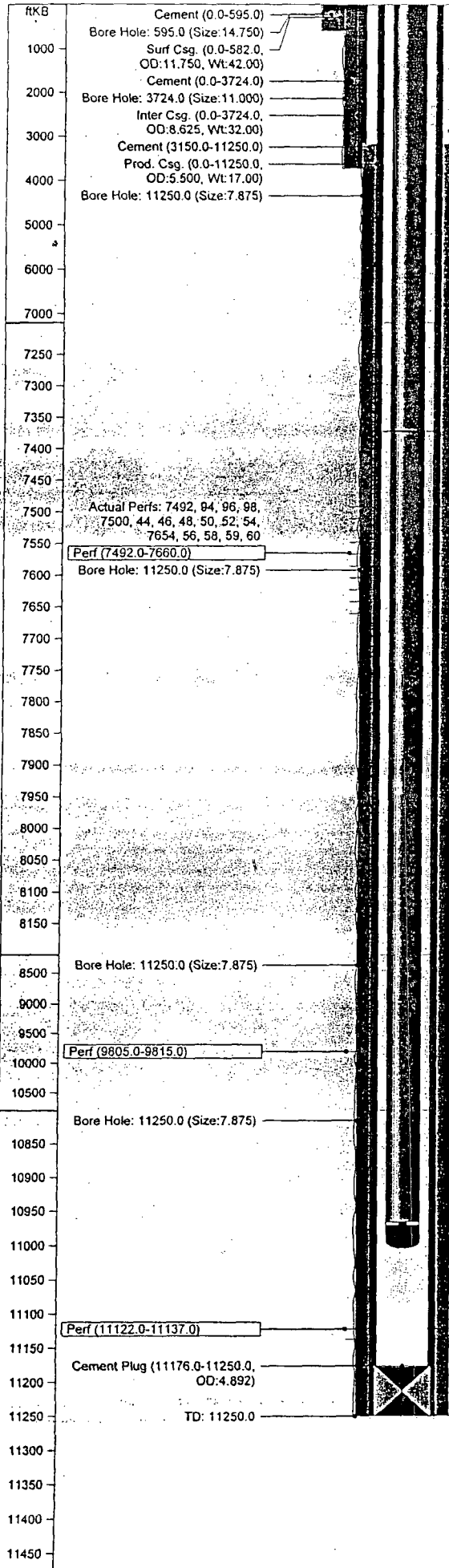
UNDISCOUNTED NET/INVEST.

DISCOUNTED NET/INVEST.

3001529173

JAMES RANCH UNIT #76

1/24/00



JAMES RANCH UNIT #76

API No.	3001529173	Status	ACT OIL
TD	11250.0 ftKB	Engineer	KAA
PBTD	11176.0 ftKB		
Operator	BEPKO	Permit	
Well No.	76	Spud	9/29/96
ID Code		RR	10/15/96
Field	LOS MEDANOS	Completion	10/23/96
Author	RAS	Last Act.	
Date Updated	1/9/97	Abandoned	
Comments	Drilled by Enron		

Location

Township	S023	Top Latitude	0
Range	E031	Top Longitude	0
Section	46	Top NS Distance	1900.0 ft N
Unit Ltr.	E	Top EW Distance	360.0 ft W
State	NEW MEXICO	Bottom Latitude	0
County	EDDY	Bottom Longitude	0
		Bottom NS Distance	0.0 ft
		Bottom EW Distance	0.0 ft

Elevations

KB	3311.0 ft	Cas Flng	0.0 ft
Grd	3299.0 ft	Tub Head	0.0 ft
KB-Grd	12.0 ft		

Casing String - Surface Casing

Item (in)	Top (ftKB)	Btm (ftKB)	Units	ID	Wt	Grd	Thd
11 3/4 in Surf Csg	0.0	582.0		11.084	2.00	1.40	

Casing String - Intermediate Casing

Item (in)	Top (ftKB)	Btm (ftKB)	Units	ID	Wt	Grd	Thd
8 5/8 in Inter Csg	0.0	3724.0		7.921	32.00	0.55	

Casing String - Production Casing

Item (in)	Top (ftKB)	Btm (ftKB)	Units	ID	Wt	Grd	Thd
5 1/2 in Prod. Csg	0.0	1250.0		4.892	17.00	958P1	

Casing Cement

Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	310	
Intermediate Casing	0.0	375	
Production Casing	3150.0	360	TOC by Temp Sur

Tubing String - Primary Tubing

Item (in)	Top (ftKB)	Btm (ftKB)	Units	ID (in)	Wt	Grd	Thd
2 7/8 in Tbg	0.0	7371.0	234	2.441	6.50	1.80	8rd
4 5/8 in TAC	7371.0	7374.0		2.875	0.00		
2 7/8 in Tbg	7374.0	10965.0	114	2.441	6.50	1.80	8rd
2 7/8 in SN	10965.0	10966.0		0.000	0.00		
2 7/8 in PS	10966.0	10970.0		0.000	0.00		
2 7/8 in MA	10970.0	11005.0		2.441	6.50	1.80	8rd

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

Date	Item	Int (ftKB)
10/15/96	Cement Plug	11176.0 - 11250.0

Perforations

Date	Int	Shots (ft)	Status
10/24/96	11122.0 - 11137.0	4.0	
11/22/96	9805.0 - 9815.0	4.0	
12/4/96	7492.0 - 7660.0	0.1	

Stimulations & Treatments

Date	Type	Interval	Fluid	Sand	Comments
0/26/96	Sand Frac	11122.0 - 11137.0			
2/18/96	Sand Frac	9805.0 - 9815.0			
2/20/97	Sand Frac	7492.0 - 7660.0			

WELL HISTORY

WELL NAME: ~~WEL~~ JAMES BRANCH UNIT #765 ~~BRANCH UNIT #765~~

FIELD NAME: ~~FILE~~ LOS MEDANOS ~~LOS MEDANOS~~

LOCATION: ~~LOC~~ 1900' FNL & 360' FNL, Sec. 46, T23S, R31E, Unit E3, R31E, Unit E
Eddy County, New Mexico

ELEV: ~~ELE~~ 3299' GL, 3311' KB ~~GL, 3311' KB~~

SPUD DATE: ~~SPD~~ 10/29/96, RR 10/15/96 ~~RR 10/15/96~~

COMP DATE: ~~COM~~ 10/23/96 ~~10/23/96~~

ORIG TD: ~~ORI~~ 11,250' ~~11,250'~~

ORIG PBTD: ~~ORI~~ 11,176' ~~11,176'~~

CASING: ~~CAS~~ 11 1/2", H-40, 42#, CSA 1582', cmt, w/310 sxs, cmt circ, 11 1/2" hole, 0-595'
8 5/8", J-55, 32#, CSA 3724', cmt, w/975 sxs, cmt circ, 8 5/8" hole, 595-3727'
5 1/2", CF95 & P-110, 47#, CSA 11,250', cmt, w/1360 sxs, cmt circ, 5 1/2" hole, 3727-11,250'
7 7/8" hole 3724-11,250'

TUBING: ~~TUB~~ 2 3/8", L-80, w/6.5# 7.8rd 1-80, 11,250'

DST: ~~DST~~ None ~~None~~

CORES & LOGS: ~~COR~~ DIGL GR 10/15/96 11,289'
SDL-DSN 10/13/96 200-11,289'

INITIAL COMPLETION

10/24/96 TO 10-25/96 PERF & FRAC 11,122-11,137 (WOLF CAMP)
Ran Correlation log, tagged PBTD @ 11,176'
10/24/96 Perf 11,122-11,137' w/1 JSPF 0% phased, Frac 11,122-11,137' w/61,000
gals. Medallion frac 30000 w/151,000#, 10/16/30' Ac-Frac Black sand
Flowed well. Turn to battery
IP: 10/29/96 F 31 BO, 162 MCF, 27 BW on 16/64" ck

WORKOVER:

11/20/96 TO 12/19/96 PERF & FRAC 9805-15' (SECOND BONE SPRING) & PERF 7492-
7660' (OA) (DELAWARE)
Ran flowing BHP. Set CIPB @ 10,000' & ran CCL-CBL
11/22/96 Perf 9805-15' w/4 JSPF, 100% phased (Second Bone Spring) w/ Acidized
9805-15' w/1500 gals. FE acid & 60 BSF. Pumped @ 142 BPM w/3600
psig. Balled out @ 6300 psig. ATP 3800' @ 65 BPM. MSIP 2600 psig, 15 min
5 min 2600 psig, 10 min 2610 psig, 15 min 2625 psig. Flowed & sig
swabbed well. CIBP leaking. Kill well, set 2nd CIBP @ 9994' 2W/10' BP
cmt on top. Swab well.
12/4/96 Set CIPB @ 7800' Set Perf 7492-094, 96, 98, 17500, 444, 546, 348, 550, 52,
54, 7654, 56, 58, 59, 60' w/1 JSPF (Delaware). Acidized same w/1500
gals 15% HCL + 30 BS. Balled off @ 5400 psig. Flowed back well.
DO CIPB @ 7800', KTIH to 9930'. Set Baker pkr @ 9621'. Frac 9805-
15' w/9,000 gals Spectra Frac G-4000 + 57,000# 20/40 Ottawa sand.
Flow back well, turned to battery.
AWO: 12/22/96 F 22 BO, 52 MCF, 6 BLW.

Well History
James Ranch Unit #76
Page 2 of 2

WORKOVER

1/14/97 to 1/17/97

Rel. Pkr @ 9621'. Ran rods & pump, set PU. Placed well on pump.

2/18/97 to 2/22/97 **FRAC 7492-7660' (DELAWARE)**

Set CIPB @ 8000' w/10' cmt on top. Frac 7492-7660' w/33,000 gals Spectra Frac G-3000 + 77,000# 16/30 Brady sand + 18,000# 16/30 Super LC RCS. Swabbed & flowed well back. Tagged sand fill @ 7778' KB (Delaware perfs @ 7492-7660') Ran rods & pump, placed well on production.

AWO: 3/10/97 68 BO, 80 MCF, 97 BW.

4/10/97 to 4/16/97 **DO CIPB's & COMMINGLE ALL ZONES**

DO CIBP @ 8,000', DO CIBP @ 9994' & 10,000'. Well flowing Wolfcamp gas, would not die. CO to PBTD @ 11,175. Kill well w/50 bbls produced wtr. Run tbq, rods & pump. Placed well on prod.

AWO: 4/19/97 53 BO, 98 MCF, 100 BW.

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94

Instructions on back

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT II
P. O. Drawer 00
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 015 29173		2 Pool Code 40295		3 Pool Name Los Medanos Bone Spring		
4 Property Code 4060		5 Property Name JAMES RANCH UNIT			6 Well Number 76	
7 OGRID No. 7377		8 Operator Name ENRON OIL & GAS COMPANY			9 Elevation 3298'	

10 SURFACE LOCATION

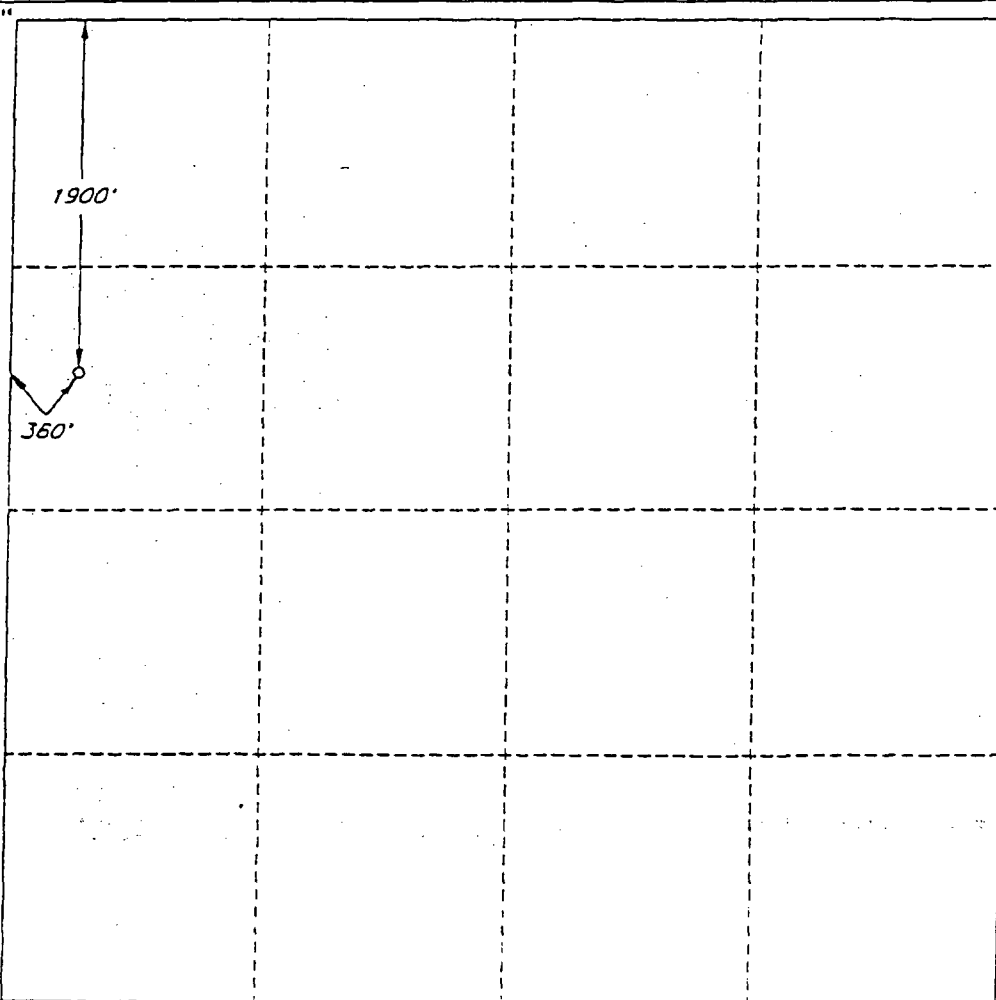
UL or lot no. E	Section 6	Township 23 SOUTH	Range 31 EAST, N.M.P.M.	Lot Ida	Feet from the 1900'	North/South line NORTH	Feet from the 360'	East/West line WEST	County EDDY
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"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WELL 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 that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Betty Sildon
Printed Name
Betty Sildon

Title
Regulatory Analyst

Date
5/21/97

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.

Date of Survey
JULY 1, 1998

Signature and Seal of Professional Surveyor
V. Lynn Beznier
STATE OF NEW MEXICO
V. LYNN BEZNER
NO. 7920
Certified No.
V. L. BEZNER AND SURV. #7920

JOB #48268-3 / 48 SE / V.H.B.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Bureau Form No. 100-5121
Revised: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Name of Well
Oil ☐ Gas ☐ Other ☐
2. Name of Operator

Enron Oil & Gas Company

Address and Telephone No.

P. O. Box 2267, Midland, Texas 79702 (915) 686-3714

Location of Well (Geographic, BLM, F.L.R., M.L. or Survey Description)

1900' FNL & 360' FWL
Sec 6, T23S, R31E

3. Lease Description and Serial No.
NM 02887D

4. If known, Allotment or Tract Name

5. If Unit or Co. Agreement Description

6. Well Name and No.

James Ranch Unit #76

7. API Well No.

30 015 29173

8. Field and Pool, or Exploratory Area

See below

9. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion or Well Completion or Abandonment Action and Log form.)

Provide Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Field and Pool: EOG is currently working on an Application for Multiple Completion

Quahada Ridge Delaware (perms 7494-7660)
Los Medanos Bone Spring (perms 9805-9815)
South Los Medanos Wolfcamp (perms 11122-11137)

ACCEPTED FOR RECORD

MAY 28 1997

BLM

BUREAU OF LAND MGMT.
CARLSBAD RESOURCE AREA

RECEIVED
MAY 23 11:11
MAY 27

4-11-97 - Drilled out CIBF at 8000'

4-12-97 - Drilled CIPB's at 9994' and 10000' - Drilled to 11138'

4-15-97 - 2-7/8" tubing set at 11005'
Set 2-1/2" x 1-1/4" x 24' x 27' x 30' RHDC pumping unit

4-16-97 - Well on line.

4-26-97 - 24 hrs pumping 102 MCFD, 51 BOPD, LP 31, FTP 100, CP 50, 159 BWPD.

Signature of Operator

Betty Gildon, Regulatory Analyst

Date: 5/21/97

Signature for Federal Official

Signature of Approver, if any

Title

Date

5010-108
5010-109

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY
APPROVED
Bureau No. 100-5101
Effective Date 11/83

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Enron Oil & Gas Company

Address and Telephone No.

O. Box 2267, Midland, Texas 79702 (915) 686-3714

Location of Well (Footage, Sec., T., R., M., or Survey Description)

1900' FNL & 360' FWL
Sec 6, T23S, R31E

1. Lease Designation and Serial No.

NM 02887D

2. If known, Address of Tract Owner

3. If Under Oil, Agreement Designation

4. Well Name and No.

James Ranch Unit #76

5. API Well No.

30 015 29173

10. Field and Pool, or Exploratory Area

Quahada Ridge Delaware

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other PB from Wolfcamp

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

Do not proceed with Completion Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and times pertinent to this work.)

Wolfcamp Perfs 11122 to 11137

11/20/96 - CIBP at 10,000'

11/21/96 - Perforated Bone Spring 9805-9815 (40 .36")
Acidized with 1500 gals FE acid

11/27/96 - Turned to production - Well dead on 11/29/96

11/29/96 - Set CIBP at 9994' + 10' cement on top

12/3/96 - CIBP @ 7800' - Perforated Delaware 7494-7660 (15 .36")
Acidized with 1500 gals 15% HCl acid

12/7/96 - Drilled to 9930'

12/9/96 - 2-7/8" tubing & packer at 9621'

12/20/96 - Put on line

12/22/96 - 24 hrs 41 MCF, 19 BO, 18/64", 40 FTP, 100 CP, 8 BW.

(OVER)

I hereby certify that the foregoing is true and correct.

Bruce Gildon Secretary Gildon, Regulatory Analyst

Date: 3/10/97

Space for Federal or State official use

Approved by: _____ Title: _____ Date: _____

Comments of operator, if any: SUBMIT WELL COMPLETION REPORT FOR BONE SPRING
FOR IN 3160-4

U.S.G. Bureau 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 statement or claim as to any matter within its jurisdiction.

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL _____ JAMES RANCH UNIT #76 _____ FORMATION _____ WOLFCAMP _____

LOCATION _____ E _____ UNIT, _____ 1900 FEET FROM _____ NORTH LINE & _____ 360 FEET FROM _____ WEST LINE

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

SPUD DATE _____ 9/29/96 _____ COMPLETION DATE _____ 10/23/96 _____ INITIAL PRODUCTION _____ 10/27/96 _____

PERFORATIONS _____ 11,122-37' _____

STIMULATION:

ACID _____

FRACTURE _____ 11,122-37', 61,000 GALS GEL + 151,000# 16/30 SAND _____

POTENTIAL 10/29/96 81 BOPD, 162 MCFPD, 27 BWPD

(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), %	11.6%	
Water saturation (Sw), %	42%	
Net Thickness (h), ft.	17	
Temperature (T), Fahrenheit	170	
Bottom Hole pressure (P), psia	6,010	
Recovery factor (RF), %	27%	
Recoverable oil, Bbls *(See eq. below)	69,041	

*Sometimes unable to match performance due to volumetric uncertainty.

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

Boi = 1.40

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO 11/1/99 ; 11923 BBLS
INITIAL RATE (qi) 305
ECONOMIC LIMIT (ql) 30
DECLINE RATE, dy Hyperbolic d = 20.36% n = .98
REMAINING OIL (Q) = 24077
ULTIMATE RECOVERABLE OIL 36000

(Attach plot showing proration unit and participating area.)

ECONOMIC

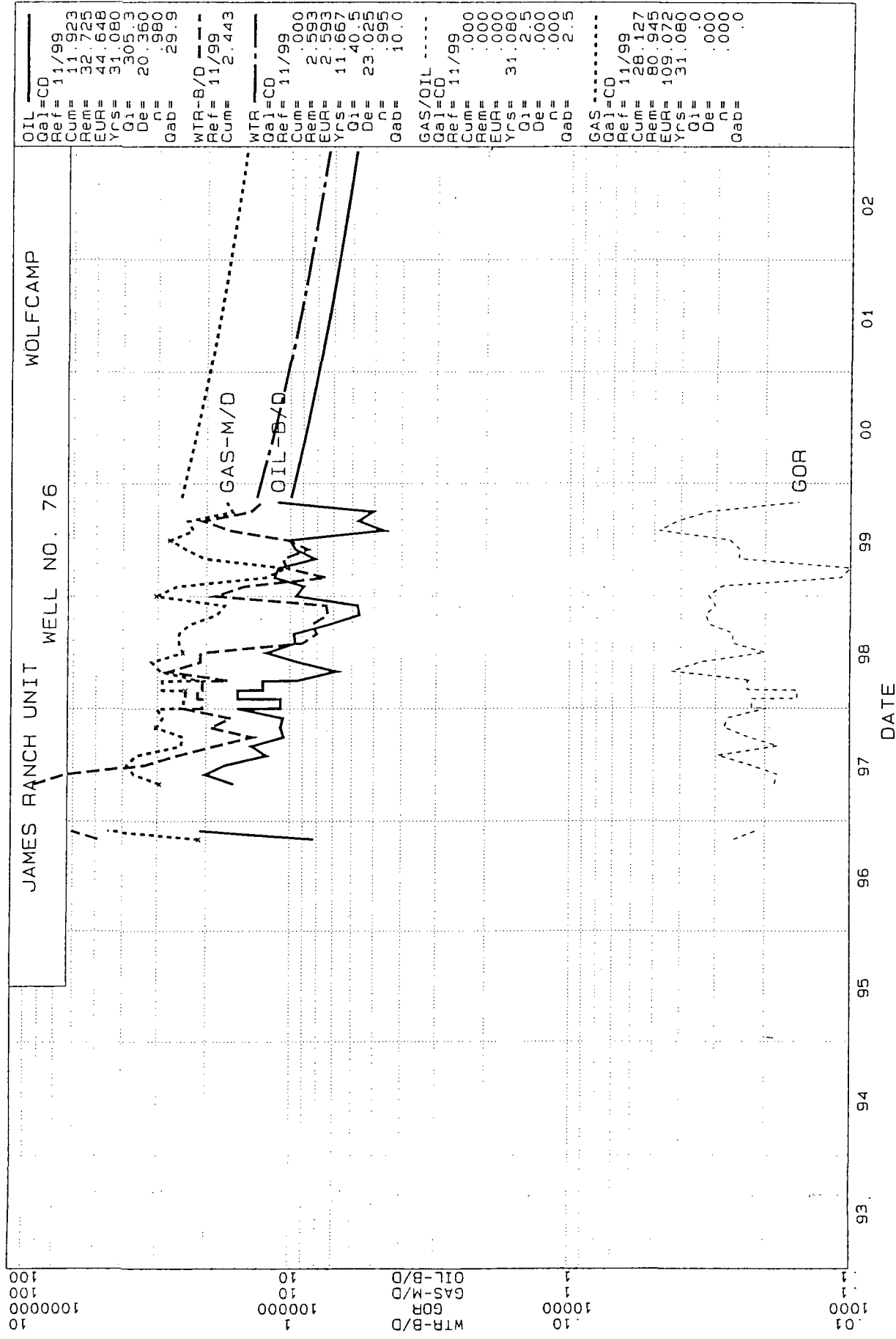
WELL COST \$ 825,000 (to the depth of formation completed)

RECOMPLETION COST \$ _____

TOTAL COST \$ 825,000

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-825,000</u>
1	<u>900</u>	<u>20,900</u>	<u>5,100</u>	<u>15,600</u>
2	<u>3,900</u>	<u>85,300</u>	<u>20,600</u>	<u>60,100</u>
3	<u>4,000</u>	<u>64,100</u>	<u>19,100</u>	<u>37,800</u>
4	<u>3,000</u>	<u>62,200</u>	<u>18,900</u>	<u>32,900</u>
5	<u>3,100</u>	<u>81,400</u>	<u>20,300</u>	<u>42,000</u>
6	<u>2,700</u>	<u>60,100</u>	<u>18,800</u>	<u>25,700</u>
7	<u>2,300</u>	<u>48,500</u>	<u>17,900</u>	<u>17,200</u>
8	<u>2,000</u>	<u>40,600</u>	<u>17,400</u>	<u>11,900</u>
9	<u>1,800</u>	<u>36,000</u>	<u>17,000</u>	<u>8,800</u>
10	<u>1,600</u>	<u>32,400</u>	<u>16,800</u>	<u>6,600</u>
REMAINDER	<u>10,900</u>	<u>221,100</u>	<u>164,000</u>	<u>17,100</u>

WELL IS NOT COMMERCIAL



OIL	
Qal=CD	Ref= 11/99
Cum=	11.923
Rem=	32.725
EUR=	44.648
Yrs=	31.080
Q1=	305.3
De=	20.360
n=	.980
Qab=	29.9
WTR-B/D	
Ref= 11/99	Cum= 2.443
GAS	
Qal=CD	Ref= 11/99
Cum=	.000
Rem=	2.593
EUR=	11.667
Yrs=	40.5
Q1=	23.025
De=	.995
n=	10.0
Qab=	10.0
GAS/OIL	
Qal=CD	Ref= 11/99
Cum=	.000
Rem=	.000
EUR=	.000
Yrs=	31.080
Q1=	2.5
De=	.000
n=	.000
Qab=	2.5
GAS	
Qal=CD	Ref= 11/99
Cum=	28.127
Rem=	80.945
EUR=	109.072
Yrs=	31.080
Q1=	.0
De=	.000
n=	.000
Qab=	.0

JAMES RANCH UNIT #76 WOLFCAMP

DATE : 02/07/00
 TIME : 13:33:07
 DBS FILE : JRUPA
 SETUP FILE : CD
 SEQ NUMBER : 13

ITEM	INPUT DATA			CALCULATED DATA				
	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
405 START	11/99							
410 OIL	305.27 X B/M	04/2015 AD	H/0.980	36.029	3/15	20.36	305.	67.
415 "	66.71 X B/M	8.62 IMU	EXP	44.648	11/30	5.00	67.	30.
420 GAS/OIL	2.47	01/2097 AD	LIN		12/96			
425 WTR	40.54 X B/M	2.59 IMU	H/0.995	2.593	6/11	23.02	41.	10.
430 START	10/96							
516 PRI/OIL	16.8800 X \$/B	1/95 MM/YY	PC		11/30		16.880	
517 "	18.39 X \$/B	1/96 AD	PC		11/30		18.390	
518 "	22.26 X \$/B	1/97 AD	PC		11/30		22.260	22.260
519 "	20.74 X \$/B	1/98 AD	PC		12/97		20.740	20.740
520 "	14.43 X \$/B	1/99 AD	PC		12/98		14.430	14.430
521 "	19.25 X \$/B	1/2000 AD	PC		12/99		19.250	19.250
522 "	24.94 X \$/B	1/2001 AD	PC		12/00		24.940	24.940
523 "	20.67 X \$/B	1/2002 AD	PC		12/01		20.670	20.670
524 "	19.20 X \$/B	1/2003 AD	PC		12/02		19.200	19.200
525 "	18.18 X \$/B	1/2004 AD	PC		12/03		18.180	18.180
526 "	18.13 X \$/B	TO LIFE	PC		11/30		18.130	18.130
531 PRI/GAS	1.8900 X \$/M	1/95 MM/YY	PC		11/30		1.890	
532 "	1.94 X \$/M	1/96 AD	PC		9/96		1.940	
533 "	2.61 X \$/M	1/97 AD	PC		12/96		2.610	2.610
534 "	2.59 X \$/M	1/98 AD	PC		12/97		2.590	2.590
535 "	2.11 X \$/M	1/99 AD	PC		12/98		2.110	2.110
536 "	2.27 X \$/M	1/2000 AD	PC		12/99		2.270	2.270
537 "	2.60 X \$/M	1/2001 AD	PC		12/00		2.600	2.600
538 "	2.58 X \$/M	1/2002 AD	PC		12/01		2.580	2.580
539 "	2.57 X \$/M	TO LIFE	PC		11/30		2.570	2.570
544 OPC/T	1190.00 X \$/M	TO LIFE	SCH		11/30		1190.000	1190.000
549 STX/OIL	7.08 X \$	TO LIFE	PC		11/30		.071	.071
554 STX/GAS	7.93 X \$	TO LIFE	PC		11/30		.079	.079
559 ATX	.17 X \$	TO LIFE	PC		11/30		.002	.002
564 PRI/OIL	-.9100 X \$/B	TO LIFE	PC		11/30		-.910	18.130
569 PRI/GAS	-.1300 X \$/M	TO LIFE	PC		11/30		-.130	2.570
700 LSE/WI	100.0000 D \$	TO LIFE	FLAT		11/30		1.000	1.000
701 OMN/WI	100.0000 D \$	TO LIFE	FLAT		11/30		1.000	1.000
720 LSE/RIC	12.5000 D \$	TO LIFE	FLAT		11/30		.125	.125
721 OMN/RIC	.0000 D \$	TO LIFE	FLAT		11/30		.125	.125
740 LSE/RIG	12.5000 D \$	TO LIFE	FLAT		11/30		.125	.125
760 LSE/ORR	.0000 D \$	TO LIFE	FLAT		11/30		.125	.125

761 OWN/ARR	.0000	D	%	TO	LIFE	FLAT	.00	11/30
OVERLAYS	SCHEDULING RATES							
905 LOAD	P.OIL OIL #							
910 LOAD	P.GAS GAS #							
915 LOAD	P.WATER WTR #							

INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
800 DRILL	330.00	495.00 MSG	10/96 AD	825.000	10/96		825.0	825.0
801 SALVAGE	-33.00	.00 MSG	TO LIFE	-33.000	11/30		-33.0	-33.0

RESERVE PARAMETERS	ITEM	ITEM
201 LOSS	NO	
205 CUMO, MB	11.92	CUM, MMF 28.13

PROJECT ASSUMPTIONS

BASE DATE : 10/96 TIME FRAMES : 1*3 38*12 1*600

P.W. DATE : 10/96 PW & AGE : 10.0 DISC. FREQUENCY : 365.

REPORT DATE : 10/96 PROD QUAL : CD OWNER QUAL : CD OTHER QUAL : CD

JAMES RANCH UNIT #76 WOLF CAMP

DATE : 02/07/00
TIME : 13:33:07
DBS FILE : JRUPA
SETUP FILE : CD
SEQ NUMBER : 13

RESERVES AND ECONOMICS
EFFECTIVE DATE: 10/96

PERIOD ENDING	12/96	12/97	12/98	12/99	12/00	12/01	12/02	12/03	12/04	12/05	S TOT	AFTER	TOTAL
OWNERSHIP													19.6 YR
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
4) EQUITY INVESTMENTS	825.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0	-33.0	792.0	792.0
5) RISK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) TOTAL	825.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0	-33.0	792.0	792.0
OIL PHASE													
8) GROSS OIL, MB	.9	3.9	4.0	3.0	3.1	2.7	2.3	2.0	1.8	1.6	25.2	10.9	36.0
9) NET OIL, MB	.8	3.4	3.5	2.6	2.7	2.3	2.0	1.7	1.5	1.4	22.0	9.5	31.5
10) OIL REVENUE, M\$	16.5	67.0	47.9	47.7	65.2	46.0	36.5	30.1	26.7	24.0	407.6	163.7	571.3
11) OIL PRICE, \$/B	21.35	19.83	13.52	18.34	24.03	19.76	18.29	17.27	17.22	17.22	18.51	17.22	18.12
GAS PHASE													
12) GROSS GAS, MMF	2.0	8.5	9.4	7.7	7.5	6.6	5.6	4.9	4.4	3.9	60.6	26.9	87.4
13) NET GAS, MMF	1.8	7.4	8.2	6.8	6.5	5.8	4.9	4.3	3.8	3.4	53.0	23.5	76.5
14) GAS REVENUE, M\$	4.4	18.3	16.2	14.5	16.1	14.1	12.0	10.5	9.4	8.4	124.0	57.4	181.3
15) GAS PRICE, \$/MCF	2.480	2.460	1.980	2.140	2.470	2.450	2.440	2.440	2.440	2.440	2.339	2.440	2.370
WATER PHASE													
16) GROSS WATER, MB	.3	.9	.7	.4	.2	.0	.0	.0	.0	.0	2.6	.0	2.6
17) NET WATER, MB	.3	.9	.7	.4	.2	.0	.0	.0	.0	.0	2.6	.0	2.6
18) WATER PRICE, \$/B	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ECONOMICS, M\$													
19) GROSS REV. TO INTR.	20.9	85.3	64.1	62.2	81.4	60.1	48.5	40.6	36.0	32.4	531.6	221.1	752.7
20) - SEV. TAX	1.5	6.2	4.7	4.5	5.9	4.4	3.5	3.0	2.6	2.4	38.7	16.1	54.8
22) - AD VALOREM TAX	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.8	.3	1.2
23) - OPERATING COSTS	3.6	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	132.1	147.6	279.7
24) - SWD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25) - CAPITAL REPAYMENT	.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
27) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28) = NET INCOME	15.7	64.7	45.0	43.3	61.1	41.3	30.6	23.3	19.1	15.7	359.9	57.0	417.0
29) - INVESTMENTS & RSK	825.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0	-33.0	792.0
30) = BFIT NET	-809.3	64.7	45.0	43.3	61.1	41.3	30.6	23.3	19.1	15.7	-465.1	90.0	-375.0
PRESENT WORTH @10.00 %													
31) NET INCOME	15.6	60.1	37.8	32.9	42.0	25.7	17.2	11.9	8.8	6.6	258.5	17.1	275.6
32) INVESTMENTS & RISK	825.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0	-4.7	820.3
33) BFIT NET	-809.4	60.1	37.8	32.9	42.0	25.7	17.2	11.9	8.8	6.6	-566.5	21.8	-544.7
34) CUM BFIT NET	-809.4	-749.4	-711.6	-678.6	-636.6	-610.9	-593.7	-581.8	-573.0	-566.5	-566.5	-544.7	-544.7

DATE : 02/07/00
 TIME : 13:33:07
 DBS FILE : JRUPA
 SETUP FILE : CD
 SEQ NUMBER : 13

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

EFFECTIVE DATE: 10/96

PERIOD ENDING	12/96	12/97	12/98	12/99	12/00	12/01	12/02	12/03	12/04	12/05	S TOT	AFTER	19.6 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M\$													
1) EXP, RISK & CAP INT	495.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	495.0	.0	495.0
2) DEPLETABLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3) DEPRECIABLE	330.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	330.0	-33.0	297.0
TAX CALCULATIONS, M\$													
4) GROSS REV. TO INTR.	20.9	85.3	64.1	62.2	81.4	60.1	48.5	40.6	36.0	32.4	531.6	221.1	752.7
5) - SEVERANCE-TAX	1.5	6.2	4.7	4.5	5.9	4.4	3.5	3.0	2.6	2.4	38.7	16.1	54.8
6) - WPT TAX NET	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) - OPR. COSTS & ATX	3.6	14.4	14.4	14.4	14.4	14.4	14.4	14.3	14.3	14.3	132.9	147.9	280.8
8) + NPI OWNED - PAID	.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
10) - EXPENSED INV.	495.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	495.0	.0	495.0
11) - DEPRECIATION	11.8	55.5	75.0	53.6	38.3	29.5	29.5	29.5	7.4	.0	330.0	.0	330.0
12) = NET	-491.0	9.2	-30.0	-10.3	22.8	11.9	1.1	-6.1	11.7	15.7	-465.1	57.0	-408.0
13) - DEPLETION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14) - INTEREST PD & CAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15) = TAXABLE	-491.0	9.2	-30.0	-10.3	22.8	11.9	1.1	-6.1	11.7	15.7	-465.1	57.0	-408.0
16) * TAX RATE, %	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
17) - TAX CREDIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18) - WPT REFUND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19) = F.I.T.	-171.9	3.2	-10.5	-3.6	8.0	4.2	.4	-2.1	4.1	5.5	-162.8	20.0	-142.8
20) REVENUE-SEV-WPT	19.4	79.1	59.4	57.7	75.5	55.7	45.0	37.7	33.4	30.0	492.9	205.0	697.8
21) - OPR. COSTS & ATX	3.6	14.4	14.4	14.4	14.4	14.4	14.4	14.3	14.3	14.3	132.9	147.9	280.8
22) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23) - F.I.T.	-171.9	3.2	-10.5	-3.6	8.0	4.2	.4	-2.1	4.1	5.5	-162.8	20.0	-142.8
24) = A.F.I.T.	187.6	61.5	55.5	46.9	53.1	37.2	30.2	25.5	15.0	10.2	522.7	37.1	559.8
25) - LOAN REPAYMENT	.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
27) = NET INCOME	187.6	61.5	55.5	46.9	53.1	37.2	30.2	25.5	15.0	10.2	522.7	37.1	559.8
28) - INVESTMENTS & RSK	825.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0	-33.0	792.0
29) = A.F.I.T. NET	-637.4	61.5	55.5	46.9	53.1	37.2	30.2	25.5	15.0	10.2	-302.3	70.1	-232.2
PRESENT WORTH @ 10.00 %													
30) NET INCOME	185.3	57.1	46.6	35.6	36.5	23.1	17.0	13.0	6.9	4.3	425.5	11.1	436.6
31) INVESTMENTS & RISK	825.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825.0	-4.7	820.3
32) A.F.I.T. NET	-639.7	57.1	46.6	35.6	36.5	23.1	17.0	13.0	6.9	4.3	-399.5	15.8	-383.7
33) CUM. A.F.I.T. NET	-639.7	-582.6	-536.0	-500.3	-463.8	-440.7	-423.7	-410.7	-403.8	-399.5	-383.7	-383.7	-383.7

JAMES RANCH UNIT #76 WOLF CAMP

DATE : 02/07/00
TIME : 13:33:07
DBS FILE : JRUPA
SETUP FILE : CD
SEQ NUMBER : 13

ECONOMIC INDICATORS

AS OF DATE: 10/96

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
DATE-OF-RETURN VS. BONUS TABLE

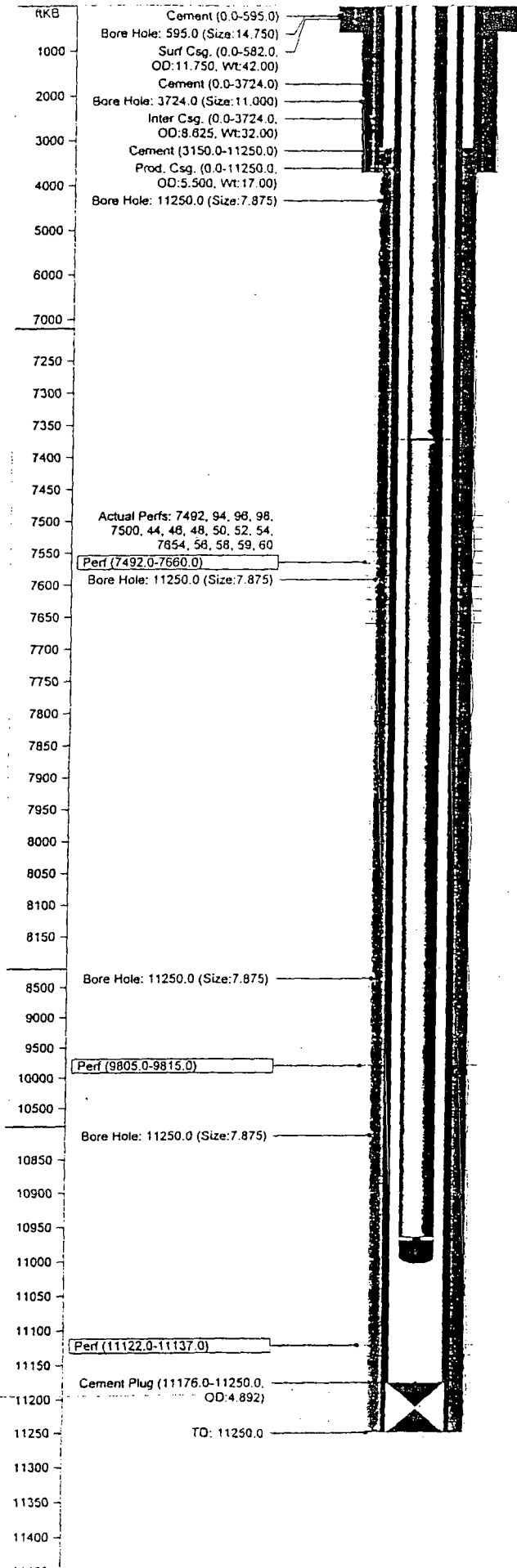
0.	-375.014	-232.209	-357.244
2.	-422.629	-274.222	-395.609
5.	-478.574	-323.964	-435.888
6.	-494.068	-337.852	-446.368
8.	-521.387	-362.507	-464.347
10.	-544.691	-383.747	-479.328
20.	-623.508	-457.802	-529.661
30.	-668.824	-502.802	-560.023
40.	-698.120	-533.376	-580.841
50.	-718.454	-555.581	-596.076
60.	-733.284	-572.493	-607.756
70.	-744.517	-585.863	-617.056
80.	-753.292	-596.762	-624.702
90.	-760.323	-605.877	-631.159
100.	-766.079	-613.662	-636.737

DATE OF RETURN, PCT.	.0
INDISCOUNTED PAYOUT, YRS.	19.58
DISCOUNTED PAYOUT, YRS.	19.58
INDISCOUNTED NET/INVEST.	.71
DISCOUNTED NET/INVEST.	.53

3001529173

JAMES RANCH UNIT #76

2/9/00



JAMES RANCH UNIT #76

API No.	3001529173	Status	ACT OIL
TD	11250.0 ftKB	Engineer	GTL
PBTD	11176.0 ftKB		
Operator	BEPCO	Permit	
Well No.	76	Spud	9/29/96
ID Code		RR	10/15/96
Field	LOS MEDANOS	Completion	10/23/96
Author	RAS	Last Act.	
Date Updated	1/9/97	Abandoned	
Comments	Orilled by Enron		

Location

Township	S023	Top Latitude	0
		Top Longitude	0
Range	E031	Top NS Distance	1900.0 ft N
		Top EW Distance	360.0 ft W
Section	6	Bottom Latitude	0
Unit Ltr.	E	Bottom Longitude	0
State	NEW MEXICO	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations

KB	3311.0 ft	Cas Flng	0.0 ft
Grd	3299.0 ft	Tub Head	0.0 ft
KB-Grd	12.0 ft		

Casing String - Surface Casing

Item (in)	Top (ftKB)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd
11 3/4 in Surf Csg.	0.0	582.0		11.084	42.00	H-40	

Casing String - Intermediate Casing

Item (in)	Top (ftKB)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd
8 5/8 in Inter Csg.	0.0	3724.0		7.921	32.00	J-55	

Casing String - Production Casing

Item (in)	Top (ftKB)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd
5 1/2 in Prod. Csg.	0.0	1250.0		4.892	17.00	F95&P1	

Casing Cement

Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	310	
Intermediate Casing	0.0	375	
Production Casing	3150.0	1360	TOC by Temp Sur.

Tubing String - Primary Tubing

Item (in)	Top (ftKB)	Btm (ftKB)	Jnts	ID (in)	Wt	Grd	Thd
2 7/8 in Tbg.	0.0	7371.0	234	2.441	6.50	L-80	8rd
4 57/64 in TAC	7371.0	7374.0		2.875	0.00		
2 7/8 in Tbg.	7374.0	10965.0	114	2.441	6.50	L-80	8rd
2 7/8 in SN	10965.0	10966.0		0.000	0.00		
2 7/8 in PS	10966.0	10970.0		0.000	0.00		
2 7/8 in MA	10970.0	11005.0		2.441	6.50	L-80	8rd

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

Date	Item	Int (ftKB)
10/15/96	Cement Plug	11176.0 - 11250.0

Perforations

Date	Int	Shots (ft)	Status
10/24/96	11122.0 - 11137.0	4.0	
11/22/96	9805.0 - 9815.0	4.0	
12/4/96	7492.0 - 7660.0	0.1	

Stimulations & Treatments

Date	Type	Interval	Fluid	Sand	Comments
10/26/96	Sand Frac	11122.0 - 11137.0			
12/18/96	Sand Frac	9805.0 - 9815.0			
2/20/97	Sand Frac	7492.0 - 7660.0			

WELL HISTORY

WELL NAME: JAMES RANCH UNIT #76

FIELD NAME: LOS MEDANOS

LOCATION: 1900' FNL & 360' FWL, Sec. 6, T23S, R31E, Unit E
Eddy County, New Mexico

ELEV: 3299' GL, 3311' KB

SPUD DATE: 9/29/96, RR 10/15/96

COMP DATE: 10/23/96

ORIG TD: 11,250'

ORIG PBTD: 11,176'

CASING: 11 3/4", H-40, 42#, CSA 582', cmt. w/310 sxs, cmt circ. 14 3/4" hole 0-595'.
8 5/8", J-55, 32#, CSA 3724, cmt. w/975 sxs, cmt circ. 11' hole 595-3727'.
5 1/2", CF95 & P-110, 17#, CSA 11,250', cmt w/1360 sxs, TOC 3150' by temp sur.
7 7/8" hole 3724-11,250'.

TUBING: 2 7/8", L-80, 6.5#, 8rd

DST: None

CORES & LOGS: DIGL-GR 10/13/96 3700-11,239'
SDL-DSN 10/13/96 200-11,239'

INITIAL COMPLETION

10/24/96 TO 10-25/96 PERF & FRAC 11,122-11,137 (WOLFCAMP)
Ran correlation log, tagged PBTD @ 11,176'.

10/24/96 Perf 11,122-11,137', 4 JSPF-0° phased. Frac 11,122-11,137' w/61,000
gals. Medallion frac 3000 w/151,000#, 16/30 Ac-Frac Black sand.
Flowed well. Turn to battery.
IP: 10/29/96 F 81 BO, 162 MCF, 27 BW on 16/64" ck.

WORKOVER:

11/20/96 TO 12/19/96 PERF & FRAC 9805-15' (SECOND BONE SPRING) & PERF 7492-
7660' (OA) (DELAWARE).
Ran flowing BHP. Set CIPB @ 10,000'. Ran CCL-CBL.

11/22/96 Perf 9805-15' w/4 JSPF, 90° phased (Second Bone Spring). Acidized
9805-15' w/1500 gals FE acid + 60 BS. Pumped @ 4.2 BPM w/3600
psig. Balled out @ 6300 psig. ATP 3800# @ 5 BPM. ISIP 2600 psig,
5 min 2600 psig, 10 min 2610 psig, 15 min 2625 psig. Flowed &
swabbed well. CIBP leaking. Kill well, set 2nd CIBP @ 9994' w/10'
cmt on top. Swab well..

12/4/96 Set CIPB @ 7800'. Perf 7492, 94, 96, 98, 7500, 44, 46, 48, 50, 52,
54, 7654, 56, 58, 59, 60' w/1JSPF (Delaware). Acidized same w/1500
gals 15% HCL + 30 BS. Balled off @ 5400 psig. Flowed back well.
DO CIPB @ 7800', TIH to 9930'. Set Baker pkr @ 9621'. Frac 9805-
15' w/9,000 gals Spectra Frac G-4000 + 57,000# 20/40 Ottawa sand...
Flow back well, turned to battery.

AWO: 12/22/96 F 22 BO, 52 MCF, 6 BLW.

Well History

James Ranch Unit #76

Page 2 of 2

WORKOVER

1/14/97 to 1/17/97

Rel. Pkr @ 9621'. Ran rods & pump, set PU. Placed well on pump.

2/18/97 to 2/22/97 **FRAC 7492-7660' (DELAWARE)**

Set CIPB @ 8000' w/10' cmt on top. Frac 7492-7660' w/33,000 gals Spectra Frac G-3000 + 77,000# 16/30 Brady sand + 18,000# 16/30 Super LC RCS. Swabbed & flowed well back. Tagged sand fill @ 7778' KB (Delaware perfs @ 7492-7660') Ran rods & pump, placed well on production.

AWO: 3/10/97 68 BO, 80 MCF, 97 BW.

4/10/97 to 4/16/97 **DO CIPB's & COMMINGLE ALL ZONES**

DO CIBP @ 8,000', DO CIBP @ 9994' & 10,000'. Well flowing Wolfcamp gas, would not die. CO to PBTD @ 11,175. Kill well w/50 bbls produced wtr. Run tbg, rods & pump. Placed well on prod.

AWO: 4/19/97 53 BO, 98 MCF, 100 BW.

DISTRICT I
P. O. Box 1920
Hobbs, NM 88241-1920

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-10
Revised 02-10-9

Instructions on back

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT II
P. O. Drawer 00
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

P. O. Box 2088

Santa Fe, New Mexico 87504-2088

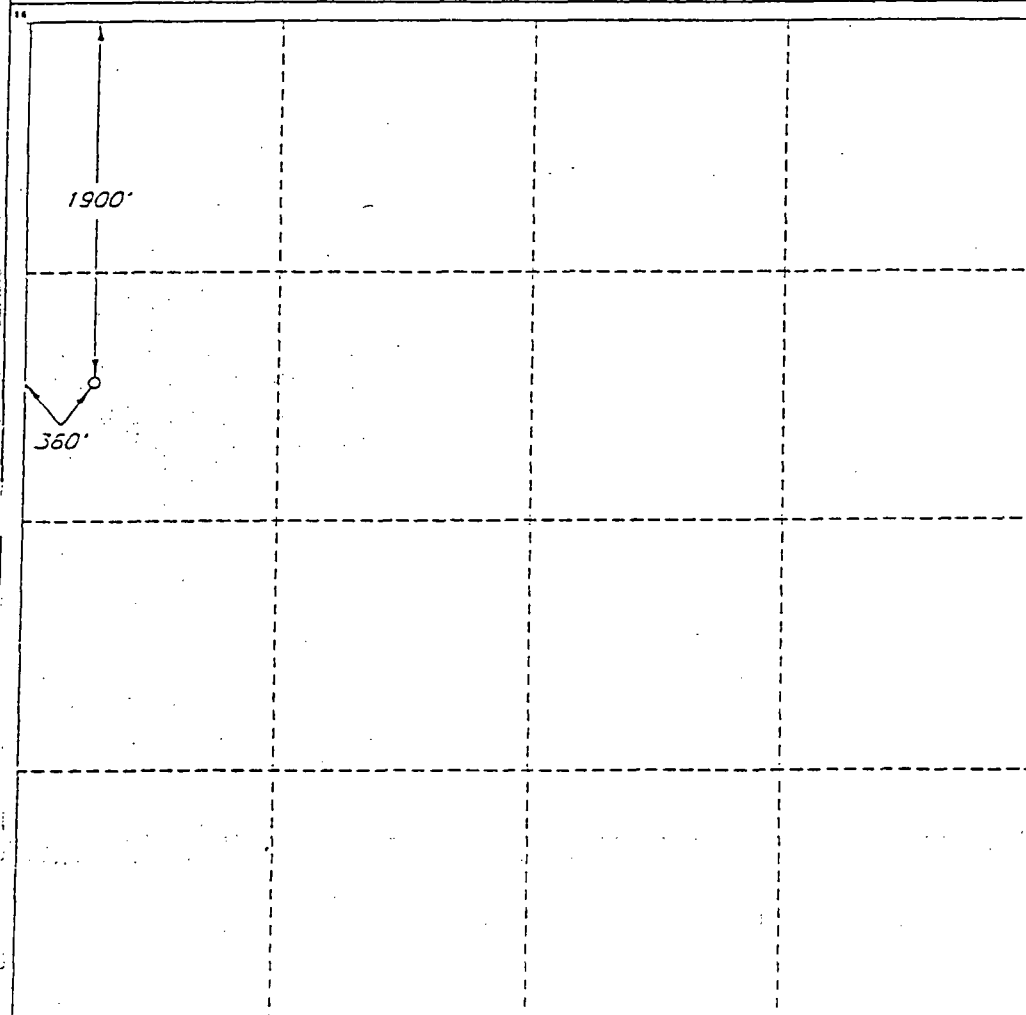
☐ AMENDED REPORT

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 50470 40295 & 96336		3 Pool Name Quahada Ridge (Delaware), Los Medanos (Bone Spring) & South Los Medanos (Wolfcamp)					
4 Property Code		5 Property Name JAMES RANCH UNIT				6 Well Number 76			
7 OGRID No. 7377		8 Operator Name ENRON OIL & GAS COMPANY				9 Elevation 3298'			
10 SURFACE LOCATION									
UL or lot no. E	Section 6	Township 23 SOUTH	Range 31 EAST, N.M.P.M.	Lot Ida	Feet from the 1900'	North/South line NORTH	Feet from the 360'	East/West line WEST	County EDDY
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WELL 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 that the information
contained herein is true and complete
to the best of my knowledge and belief.

Signature
Betty Gildon
Printed Name
Betty Gildon

Title
Regulatory Analyst

Date
7/12/96

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.

Date of Survey
JULY 1, 1996

Signature and Seal of
Professional Surveyor
V. Lynn Seizner
STATE OF NEW MEXICO
V. LYNN SEIZNER
NO. 7920
V. L. SEIZNER, S.S. #7920
JOB # 88-33-1-45 SE / V.H.B.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other side)
Instructions on
Reverse SideFORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

1. LEASE DESIGNATION AND SERIAL NO.

NM 029870

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

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

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Enron Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 2267 Midland, TX 79702

915/686-3714

3. FARM OR LEASE NAME, WELL NO.

James Ranch Unit 76
WC

9. API WELL NO.

30 015 29173

10. FIELD AND POOL OR WILDCAT

South Los Medanos (Wolfcamp)

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

Sec 6, T23S, R31E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

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

At surface

1900' FNL & 360' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

9/9/96

15. DATE SPLUDED

9/29/96

16. DATE T.D. REACHED

10/12/96

17. DATE COMPL. (Ready to prod.)

10/23/96

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3299' GR

19. ELEV. CASINGHEAD

3299'

20. TOTAL DEPTH, MD & TVD

11250

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

11224

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

11122' - 11137' (Wolfcamp)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DILL, SDL, DSN

27. WAS WELL CORED

No

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
3/4" H-40	42#	582'	14-3/4"	310 sx PP "C"	Circulated
8-5/8" J-55	32#	3724'	11"	800 sx 50/50 Poz A & 175 PP	Circulated
1/2" CF-95 & D-110	17#	11250	7-7/8"	385 Prem & 975 Prem 50/50 doz	TOC 3150' TS

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					None		

21. PERFORATION RECORD (Interval, size and number)

11122 to 11137 (.36" - 60)

22. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11122 to 11137	61,000 gals Medallion frac 3000 w/151,000# 16/30 AC Frac Black

PRODUCTION

DATE FIRST PRODUCTION 10/25/96		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/29/96	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD. FOR TEST PERIOD →	OIL - BBL 81	GAS - MCF. 152	WATER - BBL 27	GAS - OIL RATIO
DOW. TUBING PRESS.	CASING PRESSURE 340	CALCULATED 24-HOUR RATE →	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.) 38.5	

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

Sold

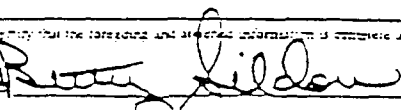
TEST WITNESSED BY

LIST OF ATTACHMENTS

JCS

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

SIGNED



TITLE Regulatory Analyst

DATE 11/14/96

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

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

ORINATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Mt Grp & BS Spring Wl fcp	0	595	Redbed	Delaware Mt Grp	3902	
	595	1800	Salt	Bone Spring	7702	
	1800	3724	Anhy. Salt, Dolo	Wolfcamp	11018	
	3724	7475	Sand, Shale			
	7475	9550	Lime, Shale			
	9550	11250	Lime, Shale, Sand			