

DATE IN 5/19/06	SUSPENSE	ENGINEER WILL JONES	LOGGED IN 5/19/06	TYPE DHC	APP NO. PMS0613959369
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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.

Print or Type Name

Signature

Title

Date

e-mail Address

NM&O Operating Company

First Place Tower - 15 East Fifth Street, Suite 3000 - Tulsa, Oklahoma 74103-4337

918-584-3802 * FAX 918-585-1753

Email: deborah.xanadu@sbcglobal.net

2006 MAY 19 PM 1 51

May 16, 2006

State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe NM 87505

RE: Bearcat #1 Well
Sec. 22-T25N-R2W
Rio Arriba Co., NM

Gentlemen:

Enclosed please find Form C-107A, Application For Downhole Commingling, along with Form C-102 and other required attachments, on the Bearcat #1 Well, for approval.

If you have any questions regarding these forms or attachment, please feel free to contact the undersigned.

Sincerely,



Deborah Greenwich, RPL
Land Department

:dg

Enclosures

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

NM&O Operating Company

15 E. Fifth Street Suite 3000, Tulsa OK 74103-4337

Operator
Bearcat Federal

1

Address
O-22-T25N-R2W

DHC-3712
Rio Arriba

Lease 15938 Well No. 8258 Unit Letter-Section-Township-Range 30-039-23913 County ☒ Federal ☒ State ☐ Fee
OGRID No. Property Code API No. Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Gavilan-Mancos <i>OK</i>		GavilanGreenhorn Granero DK <i>OK</i>
Pool Code	27194		27192
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6717-7373'		7818-7836'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	300# $\mp$		1300# $\mp$
Oil Gravity or Gas BTU (Degree API or Gas BTU)	40 $^{\circ}$		40 $^{\circ}$
Producing, Shut-In or New Zone	SI		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 2000 Rates: 0 BOPD & 6 MCFPD		Date: 2005 Rates: 0 BOPD & 4 MCFPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 60 % 60 %	Oil Gas % %	Oil Gas 40 % 40 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well:

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE *D. Greenwich* TITLE Landman DATE 5/16/06

TYPE OR PRINT NAME Deborah Greenwich TELEPHONE NO. (918) 584-3802

E-MAIL ADDRESS deborah.xanadu@sbcglobal.net

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23913		² Pool Code 27192		³ Pool Name Gavilan Greenhorn Granero Dakota	
⁴ Property Code 8258		⁵ Property Name Bearcat Federal			⁶ Well Number 001
⁷ OGRID No. 15938		⁸ Operator Name NM&O Operating Company			⁹ Elevation 7234' GL

¹⁰ **Surface Location**

UL or lot no. O	Section 22	Township 25N	Range 2W	Lot Idn	Feet from the 880	North/South line South	Feet from the 1660	East/West line East	County Rio Arriba
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¹¹ **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
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¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code C	¹⁵ 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.

				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Deborah Greenich</u> Date: <u>5/17/06</u> Printed Name: <u>Deborah Greenich</u>	
				¹⁸ 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. 10/10/85 Date of Survey Signature and Seal of Professional Surveyor: 3950 Certificate Number	

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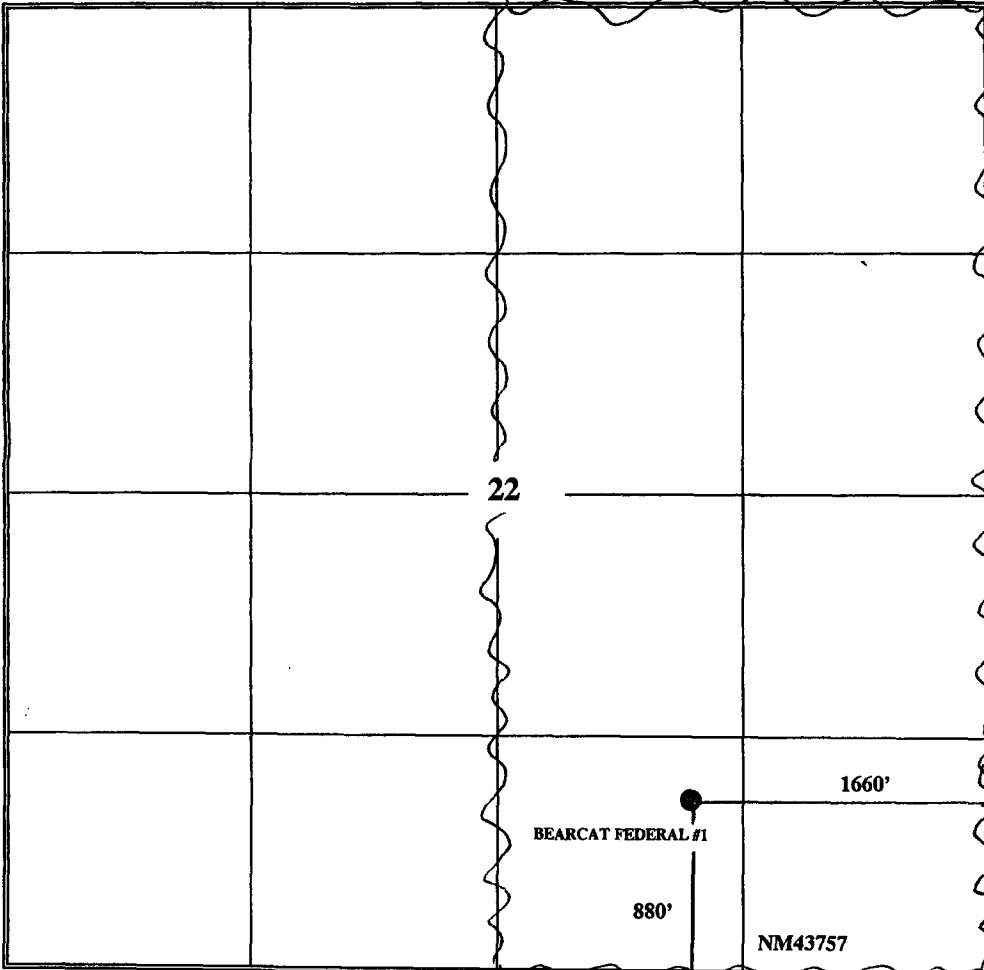
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	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 10/10/85 Date of Survey Signature and Seal of Professional Surveyor:
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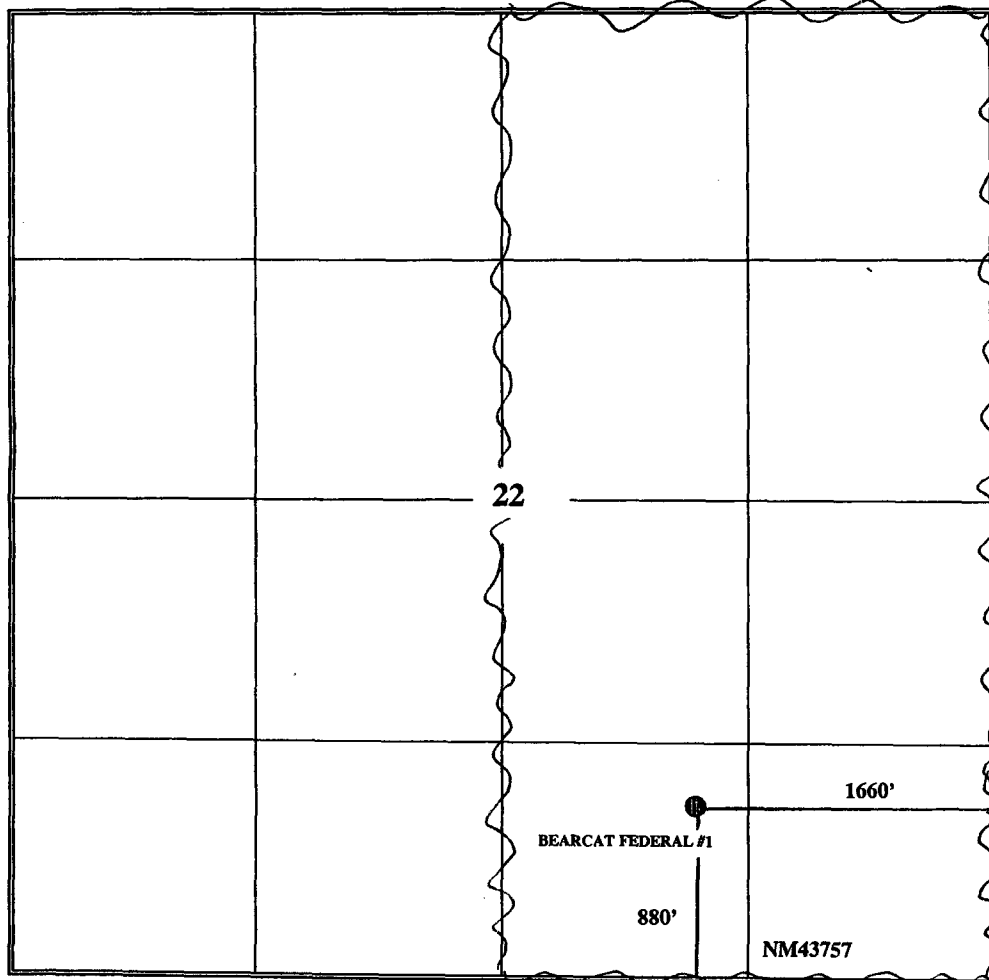
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¹¹ Bottom Hole Location If Different From Surface

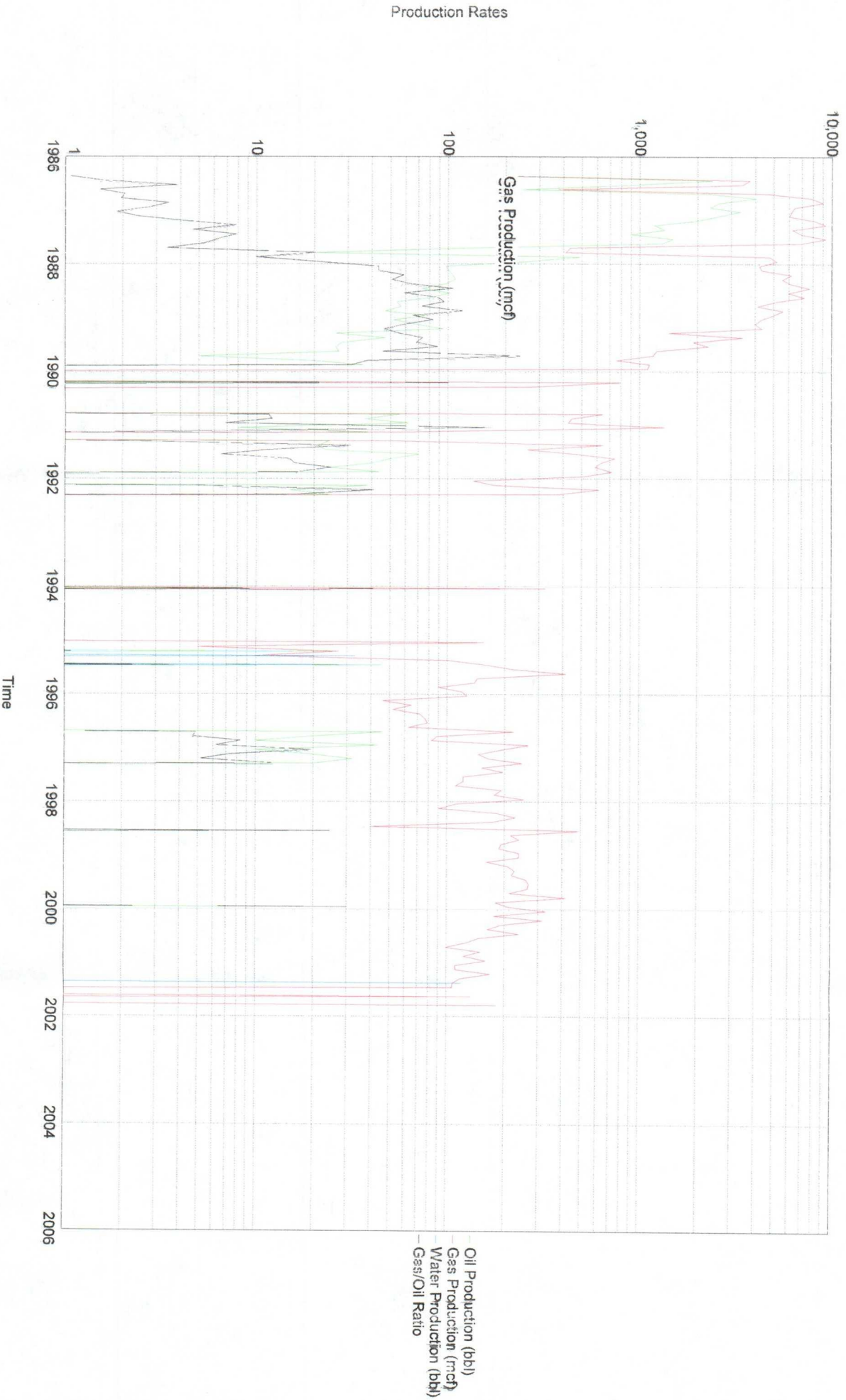
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Lease Name: BEARCAT
County, State: RIO ARBA, NM
Operator: N M & O OPERATING COMPANY
Field: GAVILAN
Reservoir: MANCOS
Location: 22 25N 2W NE SW SE

BEARCAT - GAVILAN



IHS Energy

Production Report

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Generated: 05/16/2006 Data file from: Enerdeq

Data file: C:\Documents and Settings\LANDTWO\Desktop\Export-298 Production (bearcat).98C

RIO ARBA County, NEW MEXICO

BEARCAT

Oper: N M & O OPERATING COMPANY (024203)

Status: INA

Prod ID: 130.043.0362391327184

Production Thru Date: Oct 2001

BEARCAT 1

Operator: N M & O OPERATING COMPANY
State: NEW MEXICO
County: RIO ARBA
District:
Regulatory: 008258
API: 30039239130000
Field: GAVILAN
Reservoir: MANCOS
Basin Code: (580)
Gas Gatherer:
Liquid Gatherer:
Status: INA
Location: 22 25N 2W
Liquid Gravity: 41.50
Beginning Liq Cum: 0
Beginning Gas Cum: 0
Lat/Long: 36.34859 / -107.03310 R N
Well Count: 1

Completion Date:
First Production Date: May 1986
Last Production Date: Oct 2001
Cum Oil: 32,325
Cum Gas: 224,046
Cum Wtr: 187
Total Depth: 7807
Upper Perforation: 8717
Lower Perforation: 7373
Gas (oil) Gravity:
Temperature Gradient:
N Factor:
GOR: 1034
Primary Product: Oil

ANNUAL PRODUCTION

Year	Oil BBLs	Gas MCF	Water BBLs	Well Count	# of Days on	Allowables
1986	15039	35918	1	8	114	0
1987	14967	70040	0	12	266	0
1988	1001	67277	0	12	325	0
1989	429	27140	0	12	197	0
1990	163	2584	0	5	113	0
1991	344	6030	0	11	293	0
1992	77	1307	0	4	73	0
1994	8	325	0	1	28	0
1995	70	1588	66	12	271	0
1996	118	1242	0	12	295	0
1997	82	2075	0	12	27	0
1998	20	2385	0	12	84	0
1999	7	2870	0	12	78	0
2000	0	2223	0	12	0	0
2001	0	1042	120	8	0	0
Totals:	32,325	224,046	187			

MONTHLY PRODUCTION

Date MO/YEAR	Monthly BBLs	Daily BBLs	Cum Liq BBLs	Gas Prod MCF	Cum Gas MCF	GOR SCF/BBL	Water	% Water	# of Wells	Days On	Allowables
01/1986	0	0	0	0	0	0	0	0	0	0	0
02/1986	0	0	0	0	0	0	0	0	0	0	0
03/1986	0	0	0	0	0	0	0	0	0	0	0
04/1986	0	0	0	0	0	0	0	0	0	0	0
05/1986	215	7	215	230	230	1069	0	0	1	0	0
06/1986	2374	79	2589	3750	3980	1579	0	0	1	0	0
07/1986	891	29	3480	3435	7415	3855	0	0	1	0	0
08/1986	247	8	3727	376	7791	1522	0	0	1	0	0
09/1986	2330	77	6057	4754	12545	2040	0	0	1	26	0
10/1986	4042	134	10099	7906	20451	1955	1	0.02	1	31	0
11/1986	2600	86	12699	9023	29474	3470	0	0	1	30	0
12/1986	2340	78	15039	6444	35918	2753	0	0	1	27	0
Totals:	15039			35918			1				0
01/1987	3336	111	18375	6203	42121	1859	0	0	1	28	0
02/1987	2537	84	20912	6029	48150	2376	0	0	1	27	0
03/1987	1968	65	22880	8187	56337	4160	0	0	1	31	0
04/1987	1199	39	24079	9309	65637	7756	0	0	1	27	0
05/1987	1348	44	25427	6252	71889	4637	0	0	1	27	0
06/1987	899	29	26326	6983	78872	7767	0	0	1	20	0
07/1987	1486	49	27812	9304	88176	6261	0	0	1	31	0
08/1987	1309	43	29121	6935	95111	5297	0	0	1	24	0
09/1987	128	4	29249	436	95547	3406	0	0	1	2	0
10/1987	20	0	29269	413	95960	20650	0	0	1	2	0
11/1987	486	16	29755	4800	100760	9876	0	0	1	25	0
12/1987	251	8	30006	5108	105958	20709	0	0	1	22	0

Totals:	14967			70040			0		0
01/1980	90	3	30104	4227	110165	43132	0	1	25
02/1980	101	3	30205	4353	114538	43099	0	1	23
03/1980	106	3	30311	6200	120738	50490	0	1	29
04/1980	109	3	30420	5550	126288	50917	0	1	24
05/1980	96	3	30516	6200	132486	64563	0	1	29
06/1980	73	2	30589	7705	140193	105547	0	1	30
07/1980	102	4	30691	6000	146193	56823	0	1	31
08/1980	82	2	30773	7237	153430	88256	0	1	31
09/1980	54	1	30827	5120	158550	94814	0	1	30
10/1980	57	1	30884	4137	162687	72578	0	1	24
11/1980	47	1	30931	5593	168280	119060	0	1	25
12/1980	76	2	31007	4955	173235	65197	0	1	24

Totals: 1001 67277 0 0

01/1989	52	1	31059	4320	177555	63076	0	1	31
02/1989	68	2	31127	4013	181568	59014	0	1	28
03/1989	94	3	31221	4344	185912	46212	0	1	31
04/1989	26	0	31247	1423	187335	54730	0	1	10
05/1989	47	1	31294	3446	190781	73319	0	1	25
06/1989	28	0	31322	1910	192691	68214	0	1	12
07/1989	26	0	31348	2264	194975	87846	0	1	10
08/1989	27	0	31375	1227	196202	45444	0	1	13
09/1989	5	0	31380	1161	197383	236200	0	1	13
10/1989	20	0	31400	759	198142	37950	0	1	13
11/1989	36	1	31436	1129	199271	31361	0	1	6
12/1989	0	0	31436	1104	200375	0	0	1	5

Totals: 429 27140 0 0

01/1990	0	0	0	0	0	0	0	0	0
02/1990	0	0	0	0	0	0	0	0	0
03/1990	8	0	31444	800	201175	100000	0	1	31
04/1990	0	0	31444	268	201443	0	0	1	23
05/1990	0	0	0	0	0	0	0	0	0
06/1990	0	0	0	0	0	0	0	0	0
07/1990	0	0	0	0	0	0	0	0	0
08/1990	0	0	0	0	0	0	0	0	0
09/1990	0	0	0	0	0	0	0	0	0
10/1990	56	1	31500	644	202087	11500	0	1	24
11/1990	37	1	31537	445	202532	12027	0	1	15
12/1990	62	2	31599	427	202959	6887	0	1	20

Totals: 163 2584 0 0

01/1991	0	0	31607	1354	204313	169250	0	1	27
02/1991	39	1	31646	63	204376	1615	0	1	20
03/1991	0	0	0	0	0	0	0	0	0
04/1991	24	0	31670	48	204424	2000	0	1	28
05/1991	21	0	31691	646	205070	30761	0	1	30
06/1991	23	0	31714	261	205331	11347	0	1	30
07/1991	71	2	31785	466	205797	6563	0	1	27
08/1991	50	1	31835	744	206541	14880	0	1	30
09/1991	40	1	31875	629	207170	15725	0	1	30
10/1991	24	0	31899	589	207759	24541	0	1	31
11/1991	44	1	31943	718	208477	16318	0	1	25
12/1991	0	0	31943	512	208989	0	0	1	15

Totals: 344 6030 0 0

01/1992	0	0	31943	136	209125	0	0	1	15
02/1992	38	1	31981	174	209299	4578	0	1	29
03/1992	15	0	31996	615	209914	41000	0	1	0
04/1992	24	0	32020	382	210296	15916	0	1	29
05/1992	0	0	0	0	0	0	0	0	0
06/1992	0	0	0	0	0	0	0	0	0
07/1992	0	0	0	0	0	0	0	0	0
08/1992	0	0	0	0	0	0	0	0	0
09/1992	0	0	0	0	0	0	0	0	0
10/1992	0	0	0	0	0	0	0	0	0
11/1992	0	0	0	0	0	0	0	0	0
12/1992	0	0	0	0	0	0	0	0	0

Totals: 77 1307 0 0

*** No monthly production data for: 1993 ***

01/1994	0	0	32020	325	210621	40025	0	1	20
02/1994	0	0	0	0	0	0	0	0	0
03/1994	0	0	0	0	0	0	0	0	0
04/1994	0	0	0	0	0	0	0	0	0
05/1994	0	0	0	0	0	0	0	0	0
06/1994	0	0	0	0	0	0	0	0	0
07/1994	0	0	0	0	0	0	0	0	0
08/1994	0	0	0	0	0	0	0	0	0
09/1994	0	0	0	0	0	0	0	0	0
10/1994	0	0	0	0	0	0	0	0	0
11/1994	0	0	0	0	0	0	0	0	0
12/1994	0	0	0	0	0	0	0	0	0

Totals: 8 325 0 0

01/1995	0	0	32028	155	210776	0	0	1	25
02/1995	0	0	32028	5	210781	0	0	1	20
03/1995	25	0	32053	27	210808	1080	0	1	10
04/1995	0	0	32053	10	210818	0	33	100.00	29

05/1995	0	0	32053	101	210919	0	0	1	31	0
06/1995	45	1	32098	157	211076	3468	33	42.31	1	30
07/1995	0	0	32098	222	211298	0	0	1	23	0
08/1995	0	0	32098	417	211715	0	0	1	24	0
09/1995	0	0	32098	144	211859	0	0	1	21	0
10/1995	0	0	32098	140	211999	0	0	1	21	0
11/1995	0	0	32098	90	212089	0	0	1	22	0
12/1995	0	0	32098	120	212209	0	0	1	15	0
Totals:	70			1588			66			0
01/1996	0	0	32098	127	212336	0	0	1	19	0
02/1996	0	0	32098	46	212382	0	0	1	20	0
03/1996	0	0	32098	65	212447	0	0	1	22	0
04/1996	0	0	32098	52	212499	0	0	1	24	0
05/1996	0	0	32098	72	212571	0	0	1	24	0
06/1996	0	0	32098	77	212648	0	0	1	30	0
07/1996	0	0	32098	79	212727	0	0	1	30	0
08/1996	0	0	32098	63	212790	0	0	1	28	0
09/1996	46	1	32144	223	213013	4847	0	1	22	0
10/1996	19	0	32163	89	213102	4684	0	1	29	0
11/1996	10	0	32173	83	213185	8300	0	1	19	0
12/1996	43	1	32216	266	213451	6186	0	1	28	0
Totals:	118			1242			0			0
01/1997	10	0	32226	193	213644	19300	0	1	2	0
02/1997	20	0	32246	146	213790	7300	0	1	3	0
03/1997	32	1	32278	165	213955	5156	0	1	1	0
04/1997	20	0	32298	246	214201	12300	0	1	3	0
05/1997	0	0	32298	152	214353	0	0	1	2	0
06/1997	0	0	32298	196	214549	0	0	1	2	0
07/1997	0	0	32298	122	214671	0	0	1	1	0
08/1997	0	0	32298	122	214793	0	0	1	2	0
09/1997	0	0	32298	111	214904	0	0	1	2	0
10/1997	0	0	32298	193	215097	0	0	1	2	0
11/1997	0	0	32298	177	215274	0	0	1	3	0
12/1997	0	0	32298	252	215526	0	0	1	4	0
Totals:	82			2075			0			0
01/1998	0	0	32298	112	215638	0	0	1	4	0
02/1998	0	0	32298	91	215729	0	0	1	1	0
03/1998	0	0	32298	182	215911	0	0	1	26	0
04/1998	0	0	32298	228	216139	0	0	1	5	0
05/1998	0	0	32298	172	216311	0	0	1	30	0
06/1998	0	0	32298	40	216351	0	0	1	1	0
07/1998	20	0	32318	487	216838	24350	0	1	3	0
08/1998	0	0	32318	216	217054	0	0	1	2	0
09/1998	0	0	32318	238	217292	0	0	1	3	0
10/1998	0	0	32318	193	217485	0	0	1	4	0
11/1998	0	0	32318	188	217673	0	0	1	2	0
12/1998	0	0	32318	238	217911	0	0	1	3	0
Totals:	20			2385			0			0
01/1999	0	0	32318	238	218149	0	0	1	30	0
02/1999	0	0	32318	162	218311	0	0	1	2	0
03/1999	0	0	32318	210	218521	0	0	1	3	0
04/1999	0	0	32318	224	218748	0	0	1	12	0
05/1999	0	0	32318	219	218967	0	0	1	10	0
06/1999	0	0	32318	260	219227	0	0	1	2	0
07/1999	0	0	32318	269	219496	0	0	1	3	0
08/1999	0	0	32318	265	219761	0	0	1	4	0
09/1999	0	0	32318	213	219974	0	0	1	4	0
10/1999	0	0	32318	418	220392	0	0	1	4	0
11/1999	0	0	32318	180	220572	0	0	1	2	0
12/1999	7	0	32325	209	220781	29857	0	1	2	0
Totals:	7			2870			0			0
01/2000	0	0	32325	329	221110	0	0	1	0	0
02/2000	0	0	32325	176	221286	0	0	1	0	0
03/2000	0	0	32325	316	221602	0	0	1	0	0
04/2000	0	0	32325	194	221796	0	0	1	0	0
05/2000	0	0	32325	164	221960	0	0	1	0	0
06/2000	0	0	32325	238	222198	0	0	1	0	0
07/2000	0	0	32325	147	222345	0	0	1	0	0
08/2000	0	0	32325	127	222472	0	0	1	0	0
09/2000	0	0	32325	99	222571	0	0	1	0	0
10/2000	0	0	32325	150	222721	0	0	1	0	0
11/2000	0	0	32325	123	222944	0	0	1	0	0
12/2000	0	0	32325	160	223004	0	0	1	0	0
Totals:	0			2223			0			0
01/2001	0	0	32325	111	223115	0	0	1	0	0
02/2001	0	0	32325	112	223227	0	0	1	0	0
03/2001	0	0	32325	169	223396	0	0	1	0	0
04/2001	0	0	32325	119	223514	0	0	1	0	0
05/2001	0	0	32325	108	223622	120	100.00	1	0	0
06/2001	0	0	32325	107	223729	0	0	1	0	0
07/2001	0	0	0	0	0	0	0	0	0	0
08/2001	0	0	32325	134	223863	0	0	1	0	0
09/2001	0	0	0	0	0	0	0	0	0	0
10/2001	0	0	32325	183	224046	0	0	1	0	0
11/2001	0	0	0	0	0	0	0	0	0	0
12/2001	0	0	0	0	0	0	0	0	0	0
Totals:	0			1042			120			0

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298 format: WELL INFORMATION

API	Well Number	Total Depth	Upper Perf	Lower Perf	Well Status	Latitude	Longitude	L&L Source	Well Type	Unit Well Serial #
30039239130000	1	7907	6717	7373	I	36.37859	-107.03310	B	AO	

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298 format: OIL TESTS

TEST DATE	UPPER PERF	LOWER PERF	PROD METHOD	GOR SCF/BBL	POTN. BBL/D	WATER BBL/D	FLOWP PSI	WHSIP PSI	BSW %	LIQ GRAV	CHOKE 64THS
19860614	6717	6717	U	1034	0	10	0	0	0	41	0

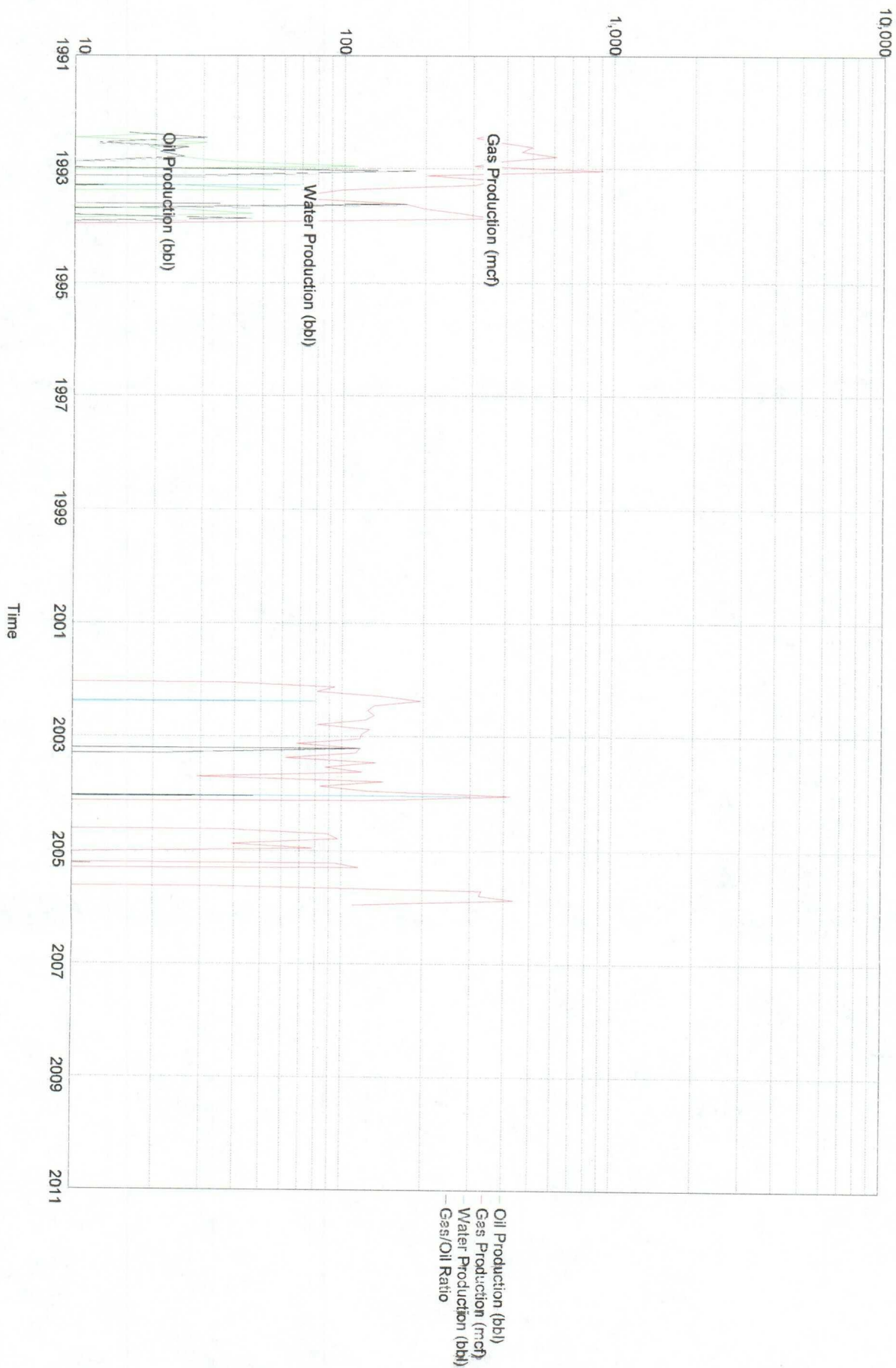
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<*> End of this Entity ----- <*>

Lease Name: BEARCAT
County, State: RIO ARBA, NM
Operator: N M & O OPERATING COMPANY
Field: GAVILAN
Reservoir: GREENHORN GRANERO DK
Location: 22 25N 2W NE SW SE

BEARCAT - GAVILAN

Production Rates



IHS Energy

Production Report

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Generated: 05/16/2006 Data file from: Enerdec

Data file: C:\Documents and Settings\LANDTWO\Desktop\Export-298 Production (bearcat).98C

RIO ARBA County, NEW MEXICO

BEARCAT

Oper: N M & O OPERATING COMPANY (024203)

Status: ACT

Prod ID: 130.043.0362391327162

Production Thru Date: Dec 2005

BEARCAT 1

Operator: N M & O OPERATING COMPANY	Completion Date:
State: NEW MEXICO	First Production Date: May 1992
County: RIO ARBA	Last Production Date: Dec 2005
District:	Cum Oil: 480
Regulatory: 008258	Cum Gas: 11,311
API: 30039239130000	Cum Wtr: 460
Field: GAVILAN	Total Depth: 7907
Reservoir: GREENHORN GRANERO DK	Upper Perforation: 7818
Basin Code: (580)	Lower Perforation: 7836
Gas Gatherer:	Gas (oil) Gravity:
Liquid Gatherer:	Temperature Gradient:
Status: ACT	N Factor:
Location: 22 25N 2W	GOR:
Liquid Gravity:	Primary Product: Oil
Beginning Liq Cum: 0	
Beginning Gas Cum: 0	
Lat/Long: 36.37859 / -107.03310 B N	
Well Count: 1	

ANNUAL PRODUCTION

Year	Oil BBLs	Gas MCF	Water BBLs	Well Count	# of Days on	Allowables
1992	277	3330	0	8	239	0
1993	180	3058	80	12	329	0
2002	0	1389	80	12	0	0
2003	6	1197	0	12	26	0
2004	9	667	300	7	10	0
2005	8	1450	0	8	40	0
Totals:	480	11,311	460			

MONTHLY PRODUCTION

Date MO/YEAR	Monthly BBLs	Daily BBLs	Cum Liq BBLs	Gas Prod MCF	Cum Gas MCF	GOR SCF/BBL	Water	% Water	# of Wells	Days On	Allowables
01/1992	0	0	0	0	0	0	0		0	0	0
02/1992	0	0	0	0	0	0	0		0	0	0
03/1992	0	0	0	0	0	0	0		0	0	0
04/1992	0	0	0	0	0	0	0		0	0	0
05/1992	24	0	24	382	382	15916	0		1	29	0
06/1992	10	0	34	308	690	30800	0		1	29	0
07/1992	31	1	65	383	1073	12354	0		1	31	0
08/1992	19	0	84	498	1571	26210	0		1	30	0
09/1992	22	0	106	456	2027	20727	0		1	29	0
10/1992	24	0	130	612	2639	25500	0		1	30	0
11/1992	35	1	165	387	3026	11057	0		1	30	0
12/1992	112	3	277	304	3330	2714	0		1	31	0
Totals:	277			3330			0				0
01/1993	5	0	282	913	4243	182600	0		1	30	0
02/1993	7	0	289	203	4446	29000	0		1	28	0
03/1993	0	0	289	359	4805	0	0		1	31	0
04/1993	24	0	313	307	5112	12791	90	76.92	1	29	0
05/1993	58	1	371	99	5211	1706	0		1	27	0
06/1993	0	0	371	75	5286	0	0		1	30	0
07/1993	0	0	371	79	5365	0	0		1	31	0
08/1993	1	0	372	170	5535	170000	0		1	31	0
09/1993	23	0	395	198	5733	8608	0		1	29	0
10/1993	46	1	441	275	6008	5978	0		1	31	0
11/1993	8	0	449	363	6371	45375	0		1	30	0
12/1993	9	0	457	17	6388	2123	0		1	2	0
Totals:	180			3058			80				0

*** No monthly production data for: 1994 ***

*** No monthly production data for: 1995 ***

*** No monthly production data for: 1996 ***

*** No monthly production data for: 1997 ***

*** No monthly production data for: 1998 ***

*** No monthly production data for: 1999 ***

*** No monthly production data for: 2000 ***

*** No monthly production data for: 2001 ***

01/2002	0	0	457	36	6424	0	0	1	0	0
02/2002	0	0	457	94	6518	0	0	1	0	0
03/2002	0	0	457	81	6599	0	0	1	0	0
04/2002	0	0	457	143	6742	0	0	1	0	0
05/2002	0	0	457	196	6938	0	80	100.00	1	0
06/2002	0	0	457	132	7070	0	0	1	0	0
07/2002	0	0	457	125	7195	0	0	1	0	0
08/2002	0	0	457	132	7327	0	0	1	0	0
09/2002	0	0	457	123	7450	0	0	1	0	0
10/2002	0	0	457	81	7531	0	0	1	0	0
11/2002	0	0	457	127	7658	0	0	1	0	0
12/2002	0	0	457	119	7777	0	0	1	0	0

Totals:	0		1389			80			0	
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01/2003	0	0	457	117	7894	0	0	1	0	0
02/2003	0	0	457	68	7962	0	0	1	0	0
03/2003	1	0	458	117	8079	117000	0	1	2	0
04/2003	5	0	463	113	8192	22600	0	1	24	0
05/2003	0	0	463	62	8254	0	0	1	0	0
06/2003	0	0	463	134	8388	0	0	1	0	0
07/2003	0	0	463	87	8475	0	0	1	0	0
08/2003	0	0	463	119	8594	0	0	1	0	0
09/2003	0	0	463	29	8623	0	0	1	0	0
10/2003	0	0	463	143	8766	0	0	1	0	0
11/2003	0	0	463	83	8849	0	0	1	0	0
12/2003	0	0	463	125	8974	0	0	1	0	0

Totals:	6		1197			0			0	
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01/2004	9	0	472	424	9398	47111	300	97.03	1	10	0
02/2004	0	0	472	123	9521	0	0	0	1	0	0
03/2004	0	0	0	0	0	0	0	0	0	0	0
04/2004	0	0	0	0	0	0	0	0	0	0	0
05/2004	0	0	0	0	0	0	0	0	0	0	0
06/2004	0	0	0	0	0	0	0	0	0	0	0
07/2004	0	0	0	0	0	0	0	0	0	0	0
08/2004	0	0	472	37	9558	0	0	1	0	0	0
09/2004	0	0	472	89	9647	0	0	1	0	0	0
10/2004	0	0	472	97	9744	0	0	1	0	0	0
11/2004	0	0	472	39	9783	0	0	1	0	0	0
12/2004	0	0	472	78	9861	0	0	1	0	0	0

Totals:	9		887			300			0		0
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01/2005	0	0	472	5	9866	0	0	1	0	0	0
02/2005	0	0	0	0	0	0	0	0	0	0	0
03/2005	8	0	480	94	9960	11750	0	1	20	0	0
04/2005	0	0	490	116	10076	0	0	1	0	0	0
05/2005	0	0	0	0	0	0	0	0	0	0	0
06/2005	0	0	0	0	0	0	0	0	0	0	0
07/2005	0	0	0	0	0	0	0	0	0	0	0
08/2005	0	0	480	33	10109	0	0	1	0	0	0
09/2005	0	0	480	332	10441	0	0	1	14	0	0
10/2005	0	0	480	325	10766	0	0	1	3	0	0
11/2005	0	0	480	435	11201	0	0	1	2	0	0
12/2005	0	0	480	110	11311	0	0	1	1	0	0

Totals:	8		1450			0			0		0
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298 format: WELL INFORMATION

API	Well	Total	Upper	Lower	Well			L&L	Well	Unit	Well
30039239130000	Number	Depth	Perf	Perf	Status	Latitude	Longitude	Source	Type	Serial	#
	1	7907	7818	7836	A	36.37859	-107.03310	B	B0		

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298 format: OIL TESTS

*** NO OIL TEST INFORMATION ***

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<*> End of this Entity -----<*>