

Schlumberger

Anadrill

MDC
9900
Midl
Phon
Fax

erations
st Interstate 20
Texas 79706
15) 563-3057
15) 563-3059

May 2, 1999

Oil Conservation Division
District I
P.O. Box 1960
Hobbs, New Mexico 88241-1960

SUR: 210/S & 2310/E
BHL: 548/S & 2323/E

Re: Nearburg Producing Company
Apache 31 State #1
Section 31 , T 16S, R 37E
Lea County, NM.
API # 30-025-35380

Enclosed, please find the original and one copy of
division of Schlumberger Technology Corporation

urvey performed on the referenced well by Anadrill, a
er information required by your office is as follows:

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surve</u>	<u>Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Dale Rudd MWD I	#01	9170'	1020'	4/09/01 - 4/16/01	MWD

A certified plat on which the bottom hole is oriente
in case of pooling) is attached to the survey report.
undersigned at the letterhead address and phone nu

th to the surface location and to the lease lines (or unit lines
y other information is required, please contact the
r.

Sincerely,

Dale Rudd

Enclosures: 2

Surveys

Report Date: May 15, 2001	Survey / DLS Computation Method: Minimum Curvature / Lubinsk
Client: Nearburg Producing Co.	Vertical Section Azimuth: 0.000°
Field: Lea Co. NM	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: Apache 31 State #1 / Apache 31 State #1	TVD Reference Datum: KB
Well: Apache 31 State #1	TVD Reference Elevation: 0.0 ft relative to MSL
Borehole: Apache 31 State #1	Sea Bed / Ground Level Elevation: 0.000 ft relative to MSL
UWI/API#:	Magnetic Declination: 9.648°
Proposal Name / Modified Date: actual / May 15, 2001	Total Field Strength: 48600.342 nT
Tort / AHD / DDI/ERD ratio: 51.695° / 6030.33 ft / 5.495 / 0.549	Magnetic Dip: 58.741°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: April 18, 2001
Location Lat/Long: N 30 59 18.404, W 106 3 38 987	Magnetic Declination Model: BGGM 2000
Location Grid N/E Y/X: N 0.000 ftUS, E 0.000 ftUS	North Reference: Grid North

Grid Scale Factor: 1.00024482 Local Coordinates Referenced To: Structure Reference Point

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/S (ft)	E/W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	9170.00	0.60	322.00	9169.55	-20.90	-20.90	16.23	26.46	142.17	0.00	0.3MTF
	9199.00	1.50	0.30	9198.55	-20.40	-20.40	16.14	26.01	141.65	3.77	2.2MTF
	9231.00	2.60	2.20	9230.53	-19.26	-19.26	16.17	25.14	139.98	3.44	1.2MTF
	9262.00	3.00	1.20	9261.49	-17.74	-17.74	16.21	24.04	137.58	1.30	3.3MTF
	9294.00	3.10	3.30	9293.44	-16.04	-16.04	16.28	22.86	134.58	0.47	-0.1MTF
	9356.00	4.40	359.90	9355.31	-11.99	-11.99	16.37	20.29	126.22	2.13	0.3MTF
	9420.00	5.00	0.30	9419.09	-6.75	-6.75	16.38	17.72	112.38	0.94	7.7
	9483.00	5.20	0.60	9481.85	-1.15	-1.15	16.43	16.47	93.99	0.32	-9.9
	9548.00	7.90	357.20	9546.42	6.26	6.26	16.24	17.40	68.91	4.19	-9.9
	9609.00	10.00	355.10	9606.67	15.73	15.73	15.58	22.14	44.73	3.48	6.3
	9670.00	12.10	356.20	9666.54	27.38	27.38	14.71	31.08	28.24	3.46	-21.5
	9734.00	12.60	355.30	9729.05	41.03	41.03	13.69	43.26	18.45	0.84	33.4
	9796.00	14.20	359.50	9789.37	55.38	55.38	13.07	56.90	13.28	3.02	55.8

9859.00	14.70	2.30	9850.37	71.09	71.09	13.32	72.33	10.61	1.36	-154.0
9922.00	14.20	1.30	9911.38	86.81	86.81	13.82	87.90	9.04	0.89	17.0
9985.00	14.70	1.90	9972.39	102.52	102.52	14.26	103.51	7.92	0.83	-34.5
10048.00	15.70	359.40	10033.18	119.03	119.03	14.43	119.91	6.91	1.90	47.8
10079.00	15.90	0.20	10063.01	127.47	127.47	14.41	128.29	6.45	0.95	109.5
10142.00	15.70	2.40	10123.63	144.62	144.62	14.79	145.38	5.84	1.00	63.0
10173.00	15.90	3.80	10153.46	153.05	153.05	15.25	153.81	5.69	1.39	112.6
10236.00	15.80	4.70	10214.07	170.21	170.21	16.52	171.01	5.55	0.42	58.3
10299.00	16.40	8.00	10274.60	187.56	187.56	18.46	188.47	5.62	1.74	-146.2
10362.00	15.00	4.30	10335.25	204.50	204.50	20.31	205.51	5.67	2.73	-59.0
10425.00	15.90	359.20	10395.97	221.26	221.26	20.80	222.24	5.37	2.59	-139.8
10487.00	14.60	354.70	10455.79	237.53	237.53	19.96	238.37	4.80	2.83	-90.0
10551.00	14.60	349.60	10517.72	253.50	253.50	17.76	254.12	4.01	2.01	-146.0
10614.00	13.70	347.00	10578.81	268.58	268.58	14.65	268.98	3.12	1.75	-132.5
10699.00	12.40	330.00	10650.04	284.58	284.58	0.05	284.78	0.00	0.72	100.0
10812.00	9.90	337.30	10772.53	307.26	307.26	1.77	307.26	0.33	2.55	-172.9
10844.00	9.50	337.00	10804.07	312.23	312.23	-0.32	312.23	359.94	1.26	-90.0
10875.00	9.50	333.70	10834.65	316.87	316.87	-2.45	316.88	359.56	1.76	-65.8
10907.00	9.60	332.40	10866.20	321.61	321.61	-4.86	321.64	359.13	0.74	-140.6
10938.00	9.50	331.90	10896.77	326.15	326.15	-7.26	326.23	358.72	0.42	140.9
10969.00	9.40	332.40	10927.35	330.65	330.65	-9.64	330.79	358.33	0.42	0.0
Projected to Bit	11020.00	9.40	332.40	10977.67	338.04	-13.50	338.30	357.71	0.00	0.0

Survey Error Model: (No Error Model Selected)

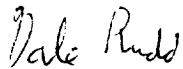
Schlumberger**Anadrill**

MDC (ations
9900 V Interstate 20
Midlar exas 79706
Phone) 563-3057
Fax) 563-3059

State of New Mexico
County of Lea

I, Dale Rudd, certify that; I am employed by Anadrill and did on the days of 4/09/01 through 4/16/01 conduct MWD surveys from a depth of 11020 feet; that the data is true, correct and complete and within the limitations of the tool as set forth by Anadrill, a division of Schlumberger Technology Corporation; that this survey was conducted at the request of Jearburg Producing Company, for the Apache 31 State #1, API # 30-025-35380, in Lea County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Anadrill

division of Schlumberger Technology Corporation; that I supervise the taking of MWD surveys from a depth of 9170 feet; that I am authorized and qualified to make this report; that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Anadrill, a division of Schlumberger Technology Corporation.



Dale Rudd,
MWD I

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0718

DISTRICT III
1000 E. Brazos Rd., Artesia, NM 87410

DISTRICT IV
P.O. Box 2000, Santa Fe, NM 87504-2000

State

Energy, Minerals and

OIL CONSERVATION
P.O.
Santa Fe, New

New Mexico
Oil Resources Department

ION DIVISION
2088
New Mexico 87504-2088

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

WELL LOCATION AND

API Number 30-025-35380	Pool Code 40980 40760
Property Code 27303	Operator APACHE
OGSM No. 15742	Operator NEARBURG P

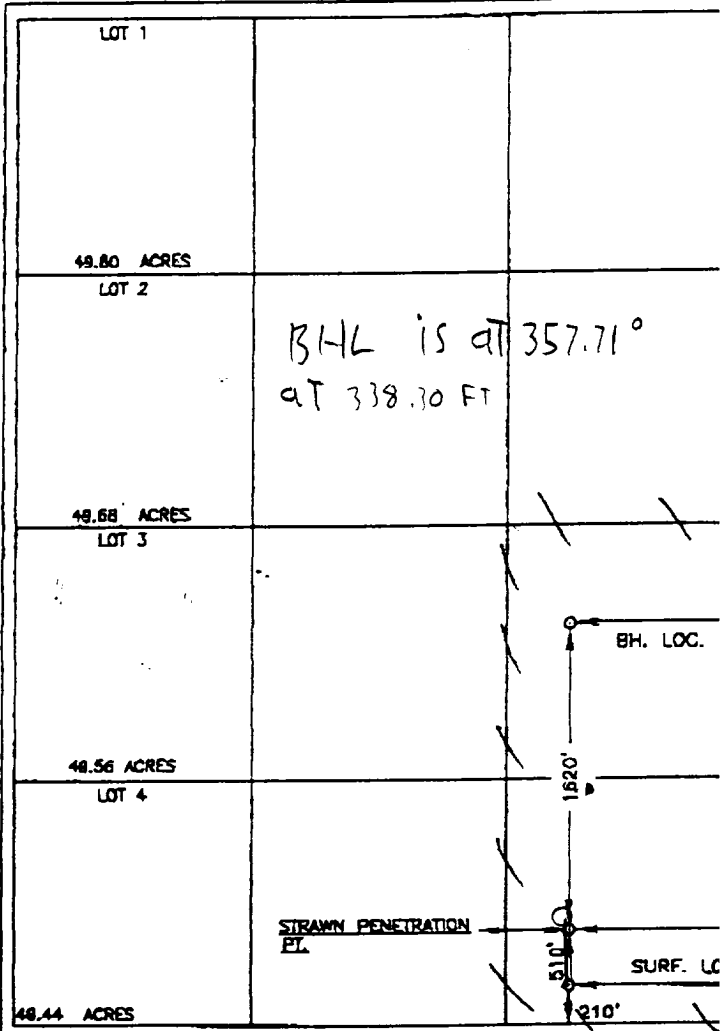
Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from
0	31	16S	37E		210

Bottom Hole Location I

UL or lot No.	Section	Township	Range	Lot Idn	Feet from
8	31	16S	37E		2130
Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETE
OR A NON-STANDARD UNIT HAS



EAGE DEDICATION PLAT

☐ AMENDED REPORT

Pool Name Northeast	Well Number 1
Lovington; Upper Penn, East	Elevation 3810
Name STATE	
Name UCING CO.	

ocation

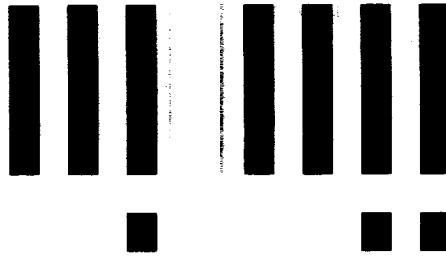
North/South line	Feet from the	East/West line	County
SOUTH	2310	EAST	LEA

fferent From Surface

North/South line	Feet from the	East/West line	County
SOUTH	2310 2324	EAST	LEA

UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
EN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
Signature Kim Stewart	
Printed Name Kim Stewart	
Regulatory Analyst Title	
January 23, 2001 Date	
SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.	
DECEMBER 6, 2000	
Date Surveyed	AWB
Signature & Seal of Professional Surveyor	
NEW MEXICO Professional Surveyor 00-11-1505 12/17/01	
Client's No.	3220
Professional's No.	12841



LTR



Job separation sheet

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Mexico
Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-35380
Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name Apache 31 State
Well No. 1
Pool name or Wildcat Lovington, Upper Penn, Northeast
Line and 2310 Feet From The East Line Range 37E NMPM Lea County
Elevation (Show whether F, RKB, RT, GR, etc.) 3810' GR

WELLS
N OR PLUG BACK TO A
ERMIT"

Line and 2310 Feet From The East Line
Range 37E NMPM Lea County

F, RKB, RT, GR, etc.)

Nature of Notice, Report, or Other Data

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	
OTHER: Intermediate casing and cement ☒	

Give pertinent dates, including estimated date of starting any proposed

SUNDRY NOTICES AND REPORTS ON
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DE
DIFFERENT RESERVOIR. USE "APPLICATION FOR
(FORM C-101) FOR SUCH PROPOSALS

Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐
Name of Operator Nearburg Producing Company
Address of Operator 3300 N A St., Bldg 2, Suite 120, Midland, TX 79705
Well Location Unit Letter O : 210 Feet From The South Section 31 Township 16S
Elevation (Show whether F, RKB, RT, GR, etc.) 3810' GR

11 Check Appropriate Box to Indicate

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	
OTHER: _____	

12 Describe Proposed or Completed Operations (Clearly state all pertinent details, work) SEE RULE 1103.

03/31/01: Drilled 12-1/4" hole to 5300'. C&C hole. RU and ran 35/65 "C" poz + additives and 200 sx "C" 2% CC. Circ 131 sx test.

7 jts 9-5/8", 47#, SP, LT&C csg to 5300'. Cement casing using 1370 sx o surface. WOC for 24 hrs. Set slips and cut off csg. NU BOPE and

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

SIGNATURE

Kim Stewart

TYPE OR PRINT NAME Kim Stewart

(This space for State Use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

pledge and belief.

TITLE Regulatory Analyst

DATE 04-20-01

TELEPHONE NO. 915/686-8235

TITLE

DATE