

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Ocean Energy, Inc. 1001 Fannin, Suite 1600, Houston, TX 77002		² OGRID Number 169355
		³ API Number 30 - 025-35196
³ Property Code 26728	⁵ Property Name Carlisle	⁶ Well No. 2E

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	16S	35E		2260	South	330	West	Lea

⁸ Proposed 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
K	10	16S	35E		2260	South	2310	West	Lea

⁹ Proposed Pool 1 Townsend Strawn	¹⁰ Proposed Pool 2 NW Shoe Bar Strawn
---	---

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code PS	¹⁵ Ground Level Elevation 4007'
¹⁶ Multiple N	¹⁷ Proposed Depth 13100' MD; 11306' TVD	¹⁸ Formation Strawn	¹⁹ Contractor Nabors Rig	²⁰ Spud Date 10/16/00

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	500'	575	Surf.
11"	8-5/8"	32#	5000'	1900	Surf.
7-7/8"	5-1/2"	17#	11260' MD	500	9000' 7500' Top of Abo

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Ocean Energy, Inc. proposes to drill the pilot hole of this well to 11,582' MD (11,500' (TVD), log then plug back to 10,700' (KOP). Point of entry into the productive zone will be determined after logging the pilot hole but is believed to be at approximately 11,230' (top of Strawn).

BOP Program: 12" 5000 psi type "E" ram. 12" 5000 psi GK annular preventor, 4" 5000 psi manifold. BOP's will be tested every other week. (See attached sketch of BOP's.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Jeanie McMillan</i> Printed name: Jeanie McMillan Title: Regulatory Date: 10/02/00		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR Title: Approval Date: OCT 11 2000 Expiration Date: Conditions of Approval: Attached ☐	
---	--	--	--

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35196	Pool Code 96649-56280	Pool Name NW Shoe Bar Strawn
Property Code 26728	Property Name CARLISLE	Well Number 2 井
OGRID No. 169355	Operator Name OCEAN ENERGY, INC.	Elevation 4007'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	16 S	35 E		2260	SOUTH	330	WEST	LEA

Bottom Hole Location If Different From Surface

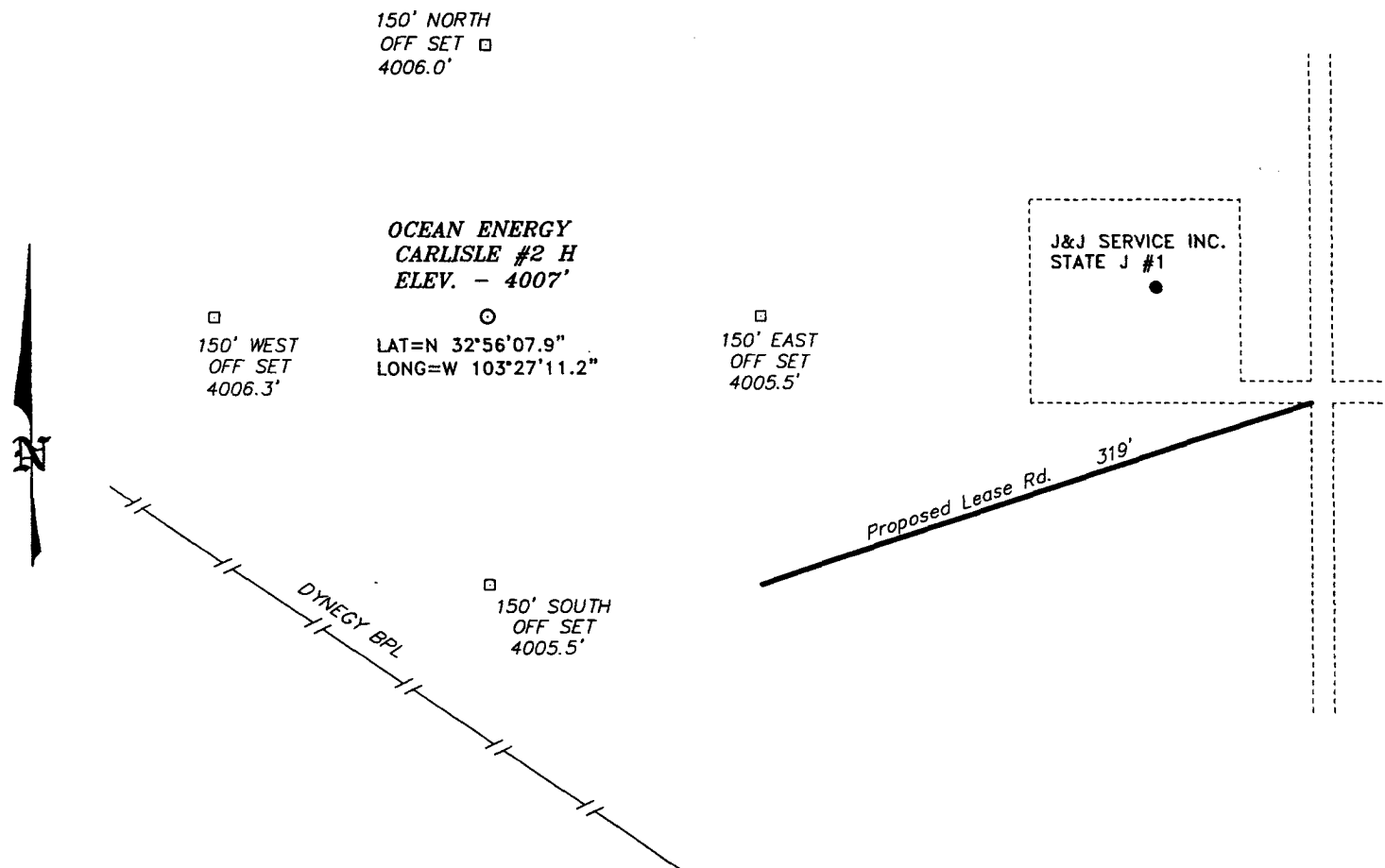
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	10	16 S	35 E		2260	SOUTH	2310	WEST	LEA

Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

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

LAT - N32°56'07.9" LONG - W103°27'11.2" 2310' 330' 1980' 2260'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Jeanie McMillan</i> Signature Jeanie McMillan Printed Name Regulatory Title 10/10/00 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. September 28, 2000 Date Surveyed Signature <i>ARK Seal JONES</i> Professional Surveyor NEW MEXICO W.O. No. 0546A Certificate No. Gary Jones 7977 PROFESSIONAL LAND SURVEYOR
--	--

SECTION 10, TOWNSHIP 16 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 8 AND US HWY 82, GO EAST ON US 82 APPROX. 1.15 MILE TO A LEASE ROAD; THENCE SOUTH ON LEASE ROAD APPROX. 3000 FEET TO A PROPOSED LEASE ROAD WHICH LIES APPROX. 450 FEET FROM THE LOCATION FLAG.



SCALE: 1" = 100'

Ocean Energy

REF: Carlisle No. 2 H/ Well Pad Topo

THE CARLISLE No. 2 H LOCATED 2260' FROM THE SOUTH LINE AND 330' FROM THE WEST LINE OF SECTION 10, TOWNSHIP 16 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

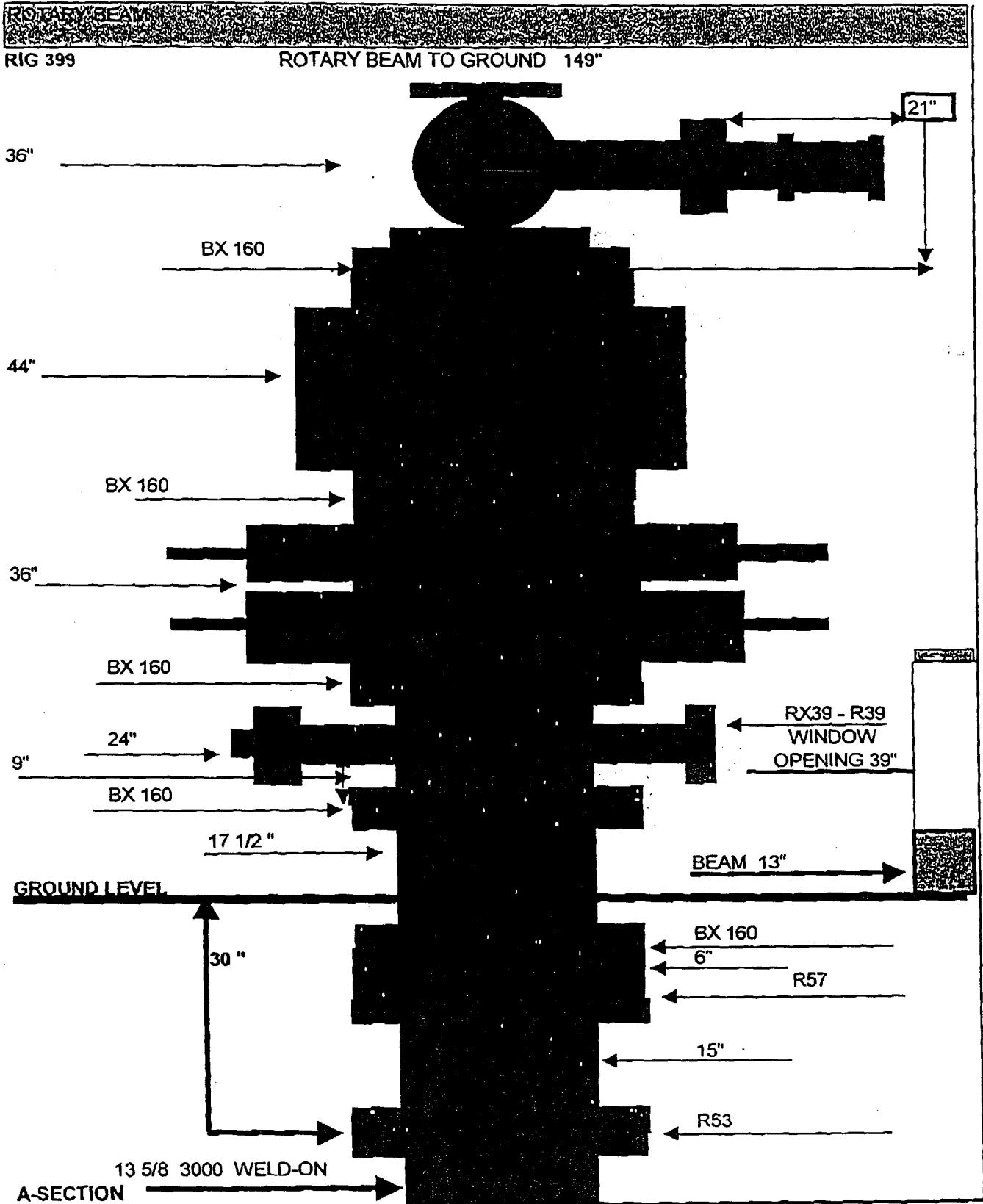
BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 0546 Drawn By: K. GOAD

Date: 09-28-2000 Disk: KJG #122 - 0546A.DWG

Survey Date: 09-28-2000 Sheet 1 of 1 Sheets

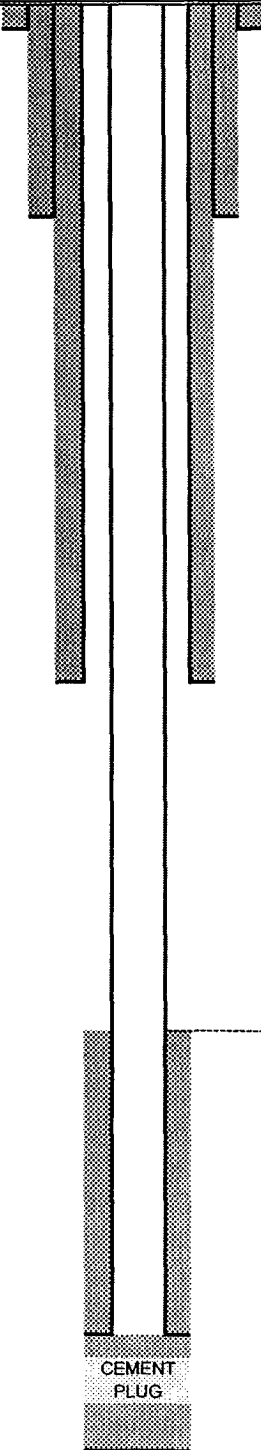
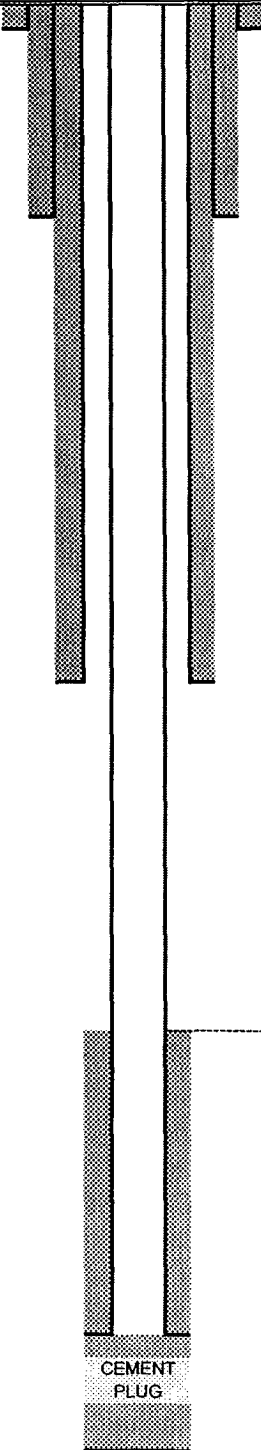
BOP



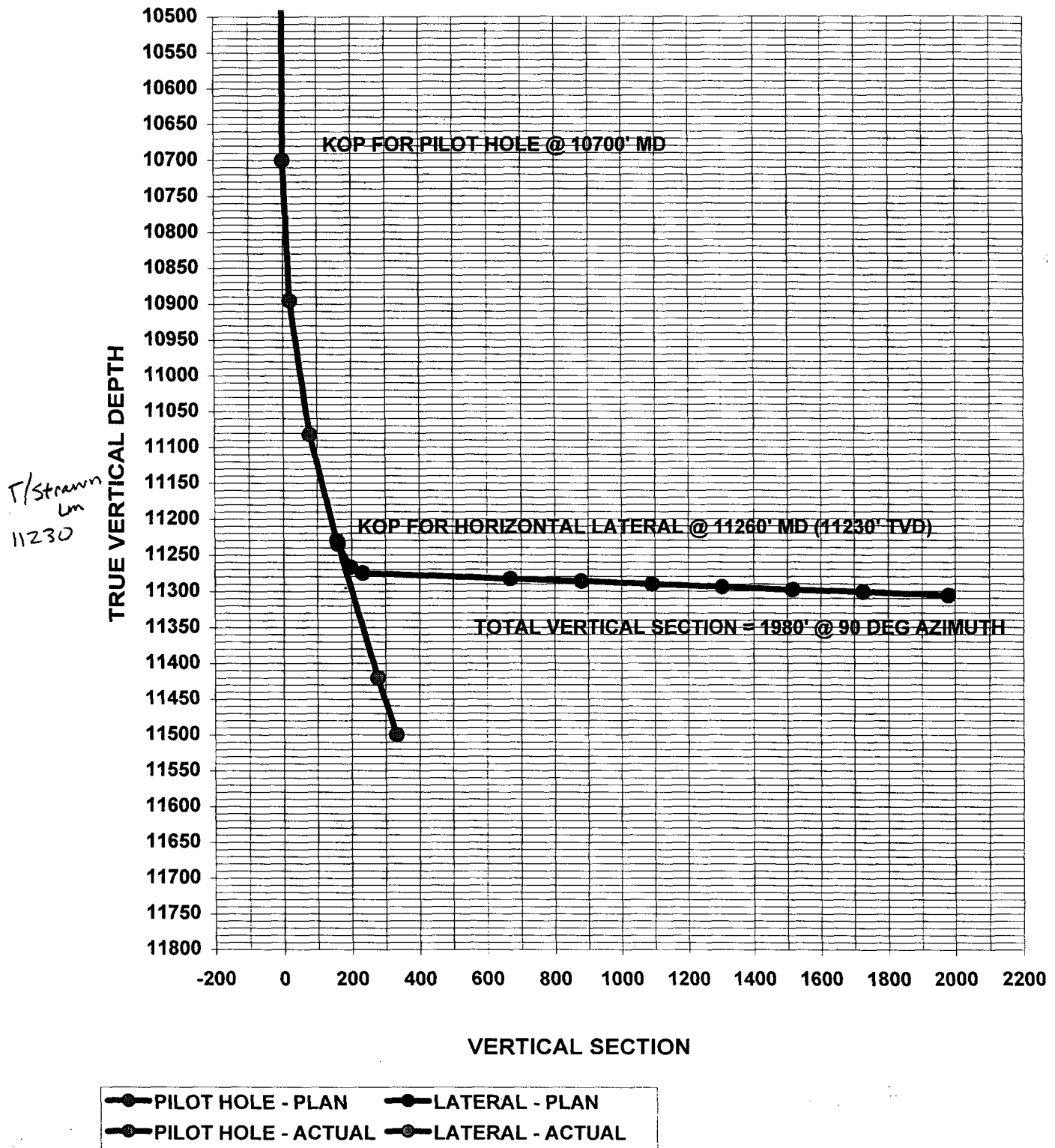
OCEAN ENERGY
WELL SUMMARY

LEASE: CARLISLE SURF LOC: 2260' FSL & 330' FWL, SEC 10 - T16S - R35E
AREA: LEA CO., NM BHL: 2260' FSL & 2310' FWL, SEC 10 - T16S - R35E
WELL #: 2H (HORIZONTAL) BHL PILOT: 2260' FSL & 1820' FWL, SEC 10 - T16S - R35E
FIELD: TOWNSEND

ENGR: WILEY L. KIRK
RIG: NABORS RIG #319
ELEV.
KB:

DIRECTIONAL	OPEN HOLE LOGGING	SANDS/ MARKERS	DEPTH		CASING PROFILE	HOLE SIZE	CASING DETAILS	MUD WT. & TYPE	MAXIMUM DOGLEG SEVERITY
			TVD	MD					
			60'	60'		PRESET	20" CONDUCTOR		
STRAIGHT HOLE	E-LOGS NONE		500'	500'		17-1/2" HOLE	13-3/8", 48# H-40, STC	GEL/ LIME SPUD MUD 8.8 PPG	1°/100'
		RUSTLER	1840'	1840'					
		YATES	3050'	3050'		11" HOLE		H2S DETECTOR CIRCULATE BRINE WATER RESERVE PIT USE NATIVE SOLIDS FOR VIS LCM pH = 10 32-34 VIS	
STRAIGHT HOLE	E-LOGS NONE	SAN ANDRES	4600'	4600'			8-5/8, 32# K-55 HC, LTC	10.3 PPG	2°/100'
			5000'	5000'					
	MUD LOGGER ON @ 5000' 10' SAMPLES	GLORIETTA	6215'	6215'					
		TUBB	7360'	7360'		7-7/8" HOLE		CIRCULATE FRESH WATER RESERVE PIT pH = 10 LCM	
		ABO	8300'	8300'					
			9000'	9000'			TOC		
STRAIGHT HOLE		WOLFCAMP	9510'	9510'				8.4 PPG MUD UP AT 9500' XCD POLY 34-50 VIS 8-10 CC pH = 10 LCM	3°/100'
DIRECTIONAL PILOT HOLE		KICK-OFF	10700'	10700'					5.89°/100' BUILD
BUILD 5.89°/100' TO 33° AT 90° AZIMUTH AND HOLD TO 11500' TVD									
		STRAWN L	11230'	11260'			5-1/2", 17# L-80 & P-110, LTC		33° ANGLE
			11230'	11260'					
		POROSITY	11260'	11316'		7-7/8" PILOT HOLE			
		POROSITY	11290'	13100'					
	E-LOGS CNL/LDT - GR CAL - PEF GR-HALS GR/SONIC	ATOKA SH TD (PILOT)	11420'	11591'				9.3 PPG	33° ANGLE
			11500'	11582'					
HORIZONTAL HOLE	E-LOGS NONE	TD	11306'	13100'		4-3/4" HORIZONTAL HOLE	HORIZONTAL OPEN HOLE	CUT BRINE 9.3 PPG	65.3°/100' BUILD 89° ANGLE

CARLISLE #2H VERTICAL PROJECTION



ELF 5/9/02
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED